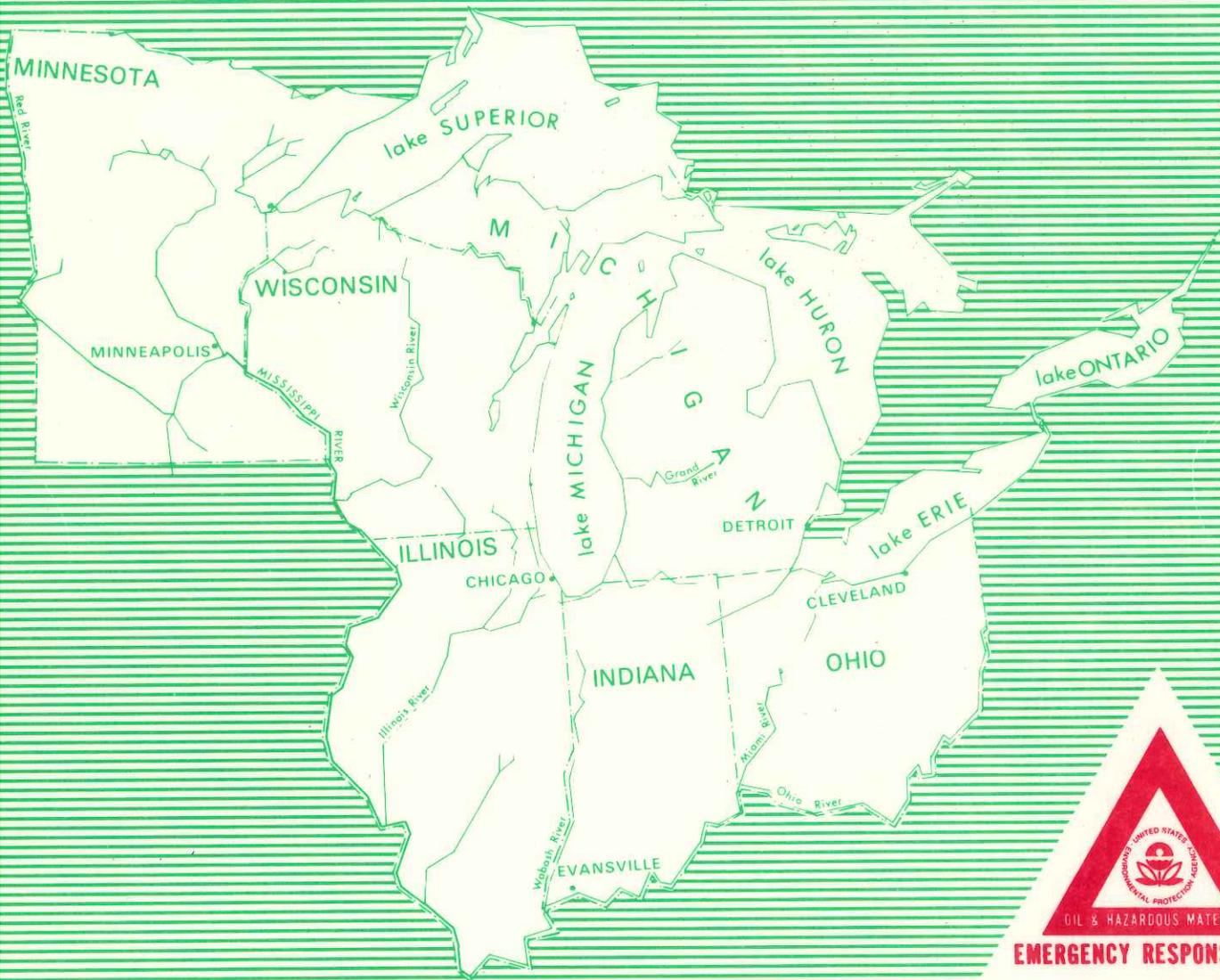


REGIONAL OIL AND HAZARDOUS SUBSTANCES POLLUTION CONTINGENCY PLAN REGION V INLAND



U.S. ENVIRONMENTAL PROTECTION AGENCY
ILLINOIS-INDIANA-MICHIGAN-MINNESOTA-OHIO-WISCONSIN
APRIL 1978

FRONTISPIECE

This Plan, including the annexes, provides for a pattern of coordinated and integrated response by departments and agencies of the federal government to protect the environment from the damaging effects of pollution discharges. It promotes the coordination and direction of federal, state, and local response systems and encourages the development of local government and private capabilities to handle such discharges.

The objectives of this Plan are to provide for efficient, coordinated, and effective action to minimize damage from oil and hazardous substance discharges, including containment, dispersal, and removal. The Plan, including the annexes, provides for: 1) assignment of duties and responsibility among federal departments and agencies in coordination with state and local agencies; 2) identification and procurement of equipment and supplies; 3) designation of strike forces to provide necessary services to carry out the Plan; 4) a system of reporting designed to insure the earliest possible notice of discharges of oil and hazardous substances to the appropriate federal agency; 5) a schedule identifying dispersants and other chemicals, if any, that may be used in carrying out the Plan; and 6) a system whereby the state or states affected by a discharge may be reimbursed for reasonable costs incurred in the removal of such discharge.

This Plan is effective for the navigable waters of the United States and adjoining shorelines.

This Regional Oil and Hazardous Substance Pollution Contingency Plan (Region 5 Inland) is intended for use by government agency personnel, particularly those who may be called out to respond as members of the Regional Response Team (RRT) during spill incidents. A few copies may be made available as needed to nongovernment organizations who are involved in spill-related activities.



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION V
230 SOUTH DEARBORN ST.
CHICAGO, ILLINOIS 60604

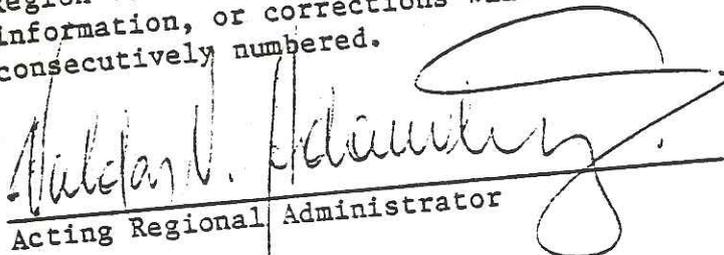
REPLY TO ATTENTION OF:

LETTER OF PROMULGATION

In accordance with the provisions of the Federal Water Pollution Control Act of 1972, as amended by the Clean Water Act of 1977, a National Oil and Hazardous Substances Pollution Contingency Plan was developed by the Council on Environmental Quality. Section 1510.41 of the National Plan states that Regional Contingency Plans shall be prepared for each standard federal region. The Region 5 Inland Oil and Hazardous Substances Pollution Contingency Plan has been developed with the cooperation of all designated federal agencies, and state and local governments. This plan provides a mechanism for coordinating responses to spills of oil and hazardous substances within the fifth standard federal region, composed of Illinois, Indiana, Michigan, Minnesota, Ohio and Wisconsin.

This revised plan is effective upon receipt and supersedes the previous plan dated April 1978 in its entirety. The superseded plan should be destroyed.

Comments and recommendations regarding this plan are invited and should be addressed to the Chairman, Inland Regional Response Team, U.S. EPA, Region V. This plan will be reviewed semi-annually. Changes, additional information, or corrections will be promulgated as necessary and will be consecutively numbered.


Acting Regional Administrator

REGIONAL OIL AND HAZARDOUS SUBSTANCES
POLLUTION CONTINGENCY PLAN
REGION FIVE (INLAND)

This Regional Contingency Plan of Region Five (Inland) has been prepared within the framework of the National Oil and Hazardous Substances Pollution Contingency Plan. Agencies involved in this plan are:

FEDERAL GOVERNMENT

Participating Agencies

Department of Agriculture
Environmental Protection Agency
Department of Transportation (U.S. Coast Guard)
Department of Defense (Corps of Engineers)
Department of Interior
Department of Commerce
Department of Labor (OSHA)
Department of Energy
Department of Health and Human Services
Department of Justice
Department of State
Federal Emergency Management Agency

STATE GOVERNMENTS

Illinois Environmental Protection Agency
Indiana Stream Pollution Control Board
Michigan Department of Natural Resources
Minnesota Pollution Control Agency
Ohio Environmental Protection Agency
Wisconsin Department of Natural Resources

LOCAL GOVERNMENTS

Contacts and Plans are under development.

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REGIONAL OIL AND HAZARDOUS SUBSTANCES
POLLUTION CONTINGENCY PLAN

100 INTRODUCTION

101 Authority

101.1 This Regional Oil and Hazardous Substances Pollution Contingency Plan has been developed in compliance with the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251, et seq.). Operation of the National Contingency Plan requires a nationwide network of regional contingency plans for the removal of spilled oil and hazardous substances. These regional plans shall be revised and amended as needed. This EPA Region 5 document is directed toward fulfilling the responsibilities outlined under the law.

102 Purpose and Objectives

102.1 This Plan (including the annexes) provides for a pattern of coordinated and integrated response by departments and agencies of the federal government to protect the environment from the damaging effects of pollution discharges. It promotes the coordination and direction of federal, state, and local response systems and encourages the development of local government and private capabilities to handle such discharges.

102.2 The objectives of this Plan are to provide for efficient, coordinated, and effective action to minimize damage from oil and hazardous substance discharges, including containment, dispersal, and removal. The Regional Plan, including the annexes, provides for:

- (1) Assignment of duties and responsibilities among federal departments and agencies in coordination with state and local agencies;
- (2) Identification, procurement, maintenance, and storage of equipment and supplies;
- (3) Designation of a strike force to provide necessary services to carry out the Plan;
- (4) A system of surveillance and reporting designed to insure the earliest possible notice of discharges of oil and hazardous substances or imminent threats of such discharges to the appropriate federal and state agencies;
- (5) Procedures and techniques to be employed in identifying, containing, dispersing, and removing oil and hazardous substances;
- (6) Listing, in cooperation with the states, dispersants and other chemicals, if any, that may be used in carrying out the Plan;
- (7) A system whereby the state or states affected by a discharge may be reimbursed for reasonable costs incurred in the removal of such discharge;
- (8) Establishment of a regional center to provide coordination and direction of operations in carrying out the Plan;
- (9) A procedure for coordinating scientific support for cleanup operations, assessment of damage after a spill, and research efforts; and
- (10) A system for referral and appeal of decisions of the Regional Response Teams and On-Scene Coordinators.

103 Scope

103.1 This Plan is effective for all inland United States waters and shorelines in Region 5. Region boundaries are indicated in Annex IV.

103.2 The provisions of the Plan are applicable to all federal agencies. Implementation of the Plan is compatible with and complementary to the joint U.S.-Canadian Contingency Plan including the annexes pertaining to the Great Lakes, international assistance plans and agreements, security regulations, and responsibilities based upon federal statutes and executive orders.

104 Abbreviations

104.1 Department and Agency Title Abbreviations

CEQ	- Council on Environmental Quality
COE	- U.S. Army Corps of Engineers
DOA	- Department of Agriculture
DOC	- Department of Commerce
DOD	- Department of Defense
DOE	- Department of Energy
DOHHS	- Department of Health and Human Services
DOI	- Department of the Interior
DOJ	- Department of Justice
DOL	- Department of Labor
DOS	- Department of State
DOT	- Department of Transportation
EPA	- Environmental Protection Agency
FEMA	- Federal Emergency Management Agency
HUD	- Department of Housing and Urban Development
IRAP	- Interagency Radiological Assistance Plan
IRLG	- Interagency Regulatory Liaison Group
MARAD	- Maritime Administration
NOAA	- National Oceanic and Atmospheric Administration
NWS	- National Weather Service
OSHA	- Occupational Safety and Health Administration

104 Abbreviations (Cont.)

USCG	- U.S. Coast Guard
USDA	- U.S. Department of Agriculture
USFWS	- U.S. Fish and Wildlife Service
USFS	- U.S. Forest Service
USGS	- U.S. Geological Survey
USN	- U.S. Navy
USPHS	- U.S. Public Health Service

104.2 Operational Title Abbreviations

ERT	- Environmental Response Team
NRC	- National Response Center
NRT	- National Response Team
OSC	- On-Scene Coordinator
PIAT	- Public Information Assistance Team
SSC	- Scientific Support Coordinator
RRC	- Regional Response Center
RRT	- Regional Response Team

104.3 Regional Abbreviations

CDO	- Central District Office
EDO	- Eastern District Office
EDO/MIRU	- Eastern District Office/Michigan Response Unit
COTP	- Captain of the Port (USCG)

104.4 Miscellaneous Abbreviations

CWA	- Clean Water Act of 1977 (Amends FWPCA)
FTS	- Federal Telecommunications System
FWPCA	- Federal Water Pollution Control Act, 33 USC 1321-U.S. Code Title 33, Part 1321 (Codified version of the FWPCA)
POLREP	- Pollution Report in teletype message format

105 Definitions

105.1 Act - the Clean Water Act, as amended, (33 U.S.C. 1251, et seq.).

105.2 Activation - notification by telephone or other expeditious means of the RRT and other appropriate state and local officials or, as required, the assembly of all or selected members of the RRT at a location specified by the Chairman of the RRT.

105.3 Contiguous Zone - the entire zone established by the United States under Article 24 of the Convention on the Territorial Sea and the Contiguous Zone. This is the zone contiguous to the territorial sea which extends 12 miles seaward from the baseline from which the territorial sea is measured.

105.4 Discharge - includes, but is not limited to, any spilling, leaking, pumping, pouring, emitting, emptying, or dumping. (For the purposes of this Regional Plan, discharges permitted pursuant to Sections 301, 302, 306, 318, 402, or 404 of the Act or Section 102 of PL 92-532, the Marine Protection, Research and Sanctuaries Act of 1972, are not included.)

105.5 Hazardous Substance - any substance designated in 40 CFR Part 116 pursuant to subsection (b)(2) of Section 311 of the Act (see Annex XIII).

105.6 Major Disaster - any hurricane, tornado, storm, flood, high water, wind-driven water, tidal wave, earthquake, drought, fire, or other catastrophe in any part of the United States which, in the determination of the President, is or threatens to become of sufficient severity and magnitude to warrant disaster assistance by the federal government to supplement the efforts and available resources of state and local governments and relief organizations in alleviating the damage, loss, hardship, or suffering caused thereby.

105.7 Navigable Waters - "waters of the United States, including the territorial seas." This term includes:

- (1) All waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subjected to the ebb and flow of the tide;
- (2) Interstate waters, including interstate wetlands;
- (3) All other waters such as intrastate lakes, rivers, streams, (including intermittent streams), mudflats, sandflats, and wetlands, the use, degradation, or destruction of which would or could affect interstate or foreign commerce including any such waters:
 - (a) Which are or could be used by interstate or foreign travelers for recreational or other purposes;
 - (b) From which fish or shellfish are or could be taken and sold in interstate or foreign commerce;
 - (c) Which are or could be used for industrial purposes by industries in interstate commerce;
- (4) All impoundments of waters otherwise defined as navigable waters under this paragraph;
- (5) Tributaries of waters identified in paragraphs (1)-(4) of this section, including adjacent wetlands; and
- (6) Wetlands adjacent to waters identified in paragraphs (1)-(5) of this section ("wetlands" meaning those areas that are inundated or saturated by ground- or surface water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions; wetlands generally include playa lakes, swamps, marshes,

bogs, and similar areas such as sloughs, prairie potholes, wet meadows, prairie river overflows, mudflats, and natural ponds), provided, that waste treatment systems (other than cooling ponds meeting the criteria of this paragraph) are not waters of the United States.

105.8 National Plan - National Oil and Hazardous Substances Pollution Contingency Plan.

105.9 Oil - oil of any kind or in any form, including, but not limited to, (1) petroleum, fuel oil, sludge, oil refuse, and oil mixed with wastes other than dredged spoil [Section 311(a)(1) of the Act] and (2) fats and oils from animal and vegetable sources (Federal Register, Volume 40, page 28849; 40 CFR Part 112, July 9, 1975).

105.10 On-Scene Coordinator (OSC) - the federal official pre-designated by the EPA or USCG to coordinate and direct federal discharge removal efforts under regional and local contingency plans at the scene of an oil or hazardous substances discharge.

105.11 Onshore Facility - any facility (including, but not limited to, motor vehicles and rolling stock) of any kind located in, on, or under any land within the United States other than submerged land.

105.12 Participating Agencies - those federal and state departments or agencies comprising the inland RRT and designated to have primary responsibility and resources to promote effective operation of this Plan; they are listed in Annex II.

105.13 Potential Discharge - any accident or other circumstance which threatens to result in the discharge of oil or other hazardous substance. A potential discharge shall be classified as to severity based on the guidelines below.

105.14 Presidential Emergency Determination - a formal presidential decision made at the request of a state governor determining that a situation constitutes an "emergency" in accordance with the provisions of the Disaster Relief Act of 1974 (PL 93-288).

105.15 Public Health or Welfare - consideration of all factors affecting the health and welfare of man, including, but not limited to, human health, the natural environment, fish, shellfish, wildlife, and public and private property, shorelines, and beaches.

105.16 Regional Plan - the Region 5 Inland Oil and Hazardous Substances Pollution Contingency Plan.

105.17 Remove or Removal - the removal of the oil or hazardous substance from the water and shorelines or the taking of such other actions as may be necessary to minimize or mitigate damage to the public health or welfare. For purposes of this Plan, removal refers to Phases III (containment and countermeasures) and IV (cleanup, mitigation, and disposal) response operations as described in §1510.53 and §1510.54 of the National Plan.

105.18 Size Classes of Discharges - The following classifications are provided for the guidance of the OSC and serve as the criteria for response actions as delineated in 1510.63 of the National Plan. They are not meant to imply associated degrees of hazard to the public health or welfare, or a measure of environmental damage. A discharge that poses a substantial threat to the public health or welfare, or results in critical public concern shall be classed as a major discharge notwithstanding the following quantitative measures:

- (1) Minor Discharge - a discharge of oil of less than 1000 gallons in the inland waters, or a discharge of a hazardous substance in a quantity less than that defined as reportable by regulation (40 CFR Part 117).
- (2) Medium Discharge - a discharge of oil of 1000 gallons to 10,000 gallons in the inland waters, or of a hazardous substance equal to or greater than a reportable quantity as defined by regulations (40 CFR Part 117).

(3) Major Discharge - a discharge of oil of more than 10,000 gallons in the inland waters or a discharge of a hazardous substance that poses a substantial threat to the public health or welfare, or results in critical public concern.

105.19 United States - the States, the District of Columbia, the Commonwealth of Puerto Rico, the Canal Zone, Guam, American Samoa, the Virgin islands, and the Trust Territory of the Pacific Islands.

200 POLICY AND RESPONSIBILITY

201 Federal Policy

201.1 Congress has declared that it is the policy of the United States that there should be no discharge of oil or hazardous substance into or upon the navigable waters of the United States, adjoining shorelines, or into or upon the waters of the contiguous zone, or in connection with activities under the Outer Continental Shelf Lands Act of the Deepwater Port Act of 1974; or which may affect natural resources belonging to, appertaining to, or under the exclusive management authority of the United States (including resources under the Fishery Conservation and Management Act of 1976).

201.2 Any person in charge of a vessel or an onshore or offshore facility of any kind shall, as soon as he has knowledge of any discharge of oil or hazardous substance from such vessel or facility, immediately notify the National Response Center at the toll-free number (800) 424-8802. If, for some reason, reporting to this number is impractical, spills affecting inland waters of the United States can be reported to EPA Region 5 at (312) 353-2318 or (FTS) 353-2318. [311(b)(5) of the Act; 33 CFR part 153].

201.3 The primary thrust of this Regional Plan is to provide a coordinated federal response capability at the scene of a discharge or potential discharge of oil or hazardous substance that poses a threat to the public health or welfare. Initial actions taken by the federal OSC, predesignated in section 301.2 of this Regional Plan, shall

be to determine, in accordance with section 311(c)(1) of the Act, if the person responsible for the discharge of oil or hazardous substance has taken proper action to remove the discharge. The OSC should insure that the person responsible for the discharge is aware of his responsibility and is encouraged to undertake necessary countermeasures. If the person responsible for the discharge does not act promptly, does not take appropriate actions to remove the discharged pollutants, or if the person responsible for the discharge is unknown, or if a potential discharge is considered to exist, further federal response actions shall be instituted in accordance with this Regional Plan. When the person responsible for the discharge is taking proper action, the OSC shall monitor progress and provide advice.

201.4 Removal actions taken pursuant to section 311(c)(1) of the Act are limited, for the purposes of this Plan, to the inland waters of the United States, and adjoining shorelines, existing within standard federal Region 5 boundaries.

201.5 In accordance with section 311(d) of the Act, whenever a disaster in or upon the navigable waters of the United States has created a substantial threat of pollution hazard to the public health or welfare, because of an actual or potential discharge of oil or hazardous substances from a vessel, the United States may: (1) coordinate and direct all efforts to remove or eliminate such threat; and (2) remove and, if necessary, destroy the vessel by whatever means are available without regard to any law governing the employment of personnel or the expenditure of appropriated funds. This authority has been delegated under Executive Order 11735 to the Administrator of EPA and the Secretary of the Department of Transportation (USCG) for waters within their respective OSC boundaries.

201.6 When the Administrator of EPA determines there is a substantial threat to the public health and welfare because of an actual or threatened discharge of oil or hazardous substance affecting inland waters of the United States, he may require, through the Attorney General, such relief as may be necessary to abate the threat.

201.7 The federal agencies having resources which may be useful in a federal response will make such resources available for use in accordance with this Regional Plan. Agencies making resources available shall make such assignment consistent with operational requirements, within the limits of existing statutory authority, and within the spirit of the President's intention to minimize discharges and their effects.

201.8 Environmental pollution control techniques shall be employed in accordance with applicable regulations and guidelines, such as those contained in Annex X of this Regional Plan. The use of chemicals by the OSC shall be in accordance with Annex X of the National Plan and, except during imminent hazard to human health, must have the concurrence of the EPA representative on the RRT; in his absence the concurrence of the Regional Administrator of EPA Region 5 must be obtained.

202 Multinational Responsibility

202.1 As the waters of the Great Lakes system are of mutual interest to the United States and Canada, it was agreed that there was a need to arrange for the development of a coordinated international contingency plan so that both countries may quickly and effectively respond to major accidental spills of oil or other hazardous substances.

202.2 The Joint Canada-United States Marine Pollution Contingency Plan has been developed and is applicable whenever a pollution incident may affect both nations or, although directly affecting one nation, is of such a magnitude as to justify a call on the other for assistance. It is intended to improve the posture and capability of each nation by providing a command structure and an established method of operation.

203 Federal Responsibility

203.1 Each of the participating federal agencies has responsibilities established by statute, Executive Order, or Presidential Directive which may be relevant to federal response to a pollution discharge.

This regional Plan intends to promote the discharge of these responsibilities through the assignment of authority for action to those agencies having the most appropriate capability to act in each specific situation. Legal boundaries of these several agencies relevant to the control of pollution incidents are detailed in Annex IV of the National Plan.

203.2 The Council on Environmental Quality is responsible for preparing, publishing, and revising the National Plan. The CEQ will receive the advice of the NRT on necessary changes to the National Plan and shall insure that any disagreements arising among members of the NRT are settled.

203.3 The Department of Agriculture provides expertise in managing agricultural, forest, and wilderness areas in selecting landfill disposal sites. The Soil Conservation Service can provide to the OSC predictions of the effects of pollutants on soil and their movements over and through soil.

203.4 The Department of Commerce, through NOAA, shall provide scientific expertise on living marine resources for which it is responsible, including endangered species and marine mammals (see §1510.36 (a)(3) of the National Plan); coordinate scientific support, provide current and predicted meteorologic, hydrologic, ice, and oceanographic conditions for the high seas, and coastal and inland waters; provide charts and maps, including tide and current information, for coastal and territorial waters.

203.5 The Department of Defense, consistent with its operational requirements, may provide assistance in critical pollution incidents and in the maintenance of navigation channels, salvage, and removal of navigation obstructions.

203.6 The Department of Energy administers, implements, and coordinates the Interagency Radiological Assistance Plan (IRAP). DOE will

provide advice and assistance to the RRT with respect to the identification of the source and extent of radioactive contamination, and removal and disposal of radioactive discharges.

203.7 The Department of Health and Human Services is responsible for providing expert advice and assistance on discharges or potential discharges that pose a threat to public health and safety.

203.8 The Federal Emergency Management Agency participates in the development and evaluation of regional and local oil and hazardous substance pollution contingency plans in accordance with Executive Order 12148, Section 2-1; monitors responses related to such plans in accordance with Executive Order 12148, Section 2-2; and evaluates state governors' requests for presidential declarations of major disasters or determinations of emergency under PL 93-288 (42 U.S.C. 4401, et seq.), the Disaster Relief Act of 1974.

203.9 The Department of the Interior, through the USGS, supplies expertise in the fields of oil drilling, production, handling, and pipeline transportation. The Bureau of Mines may provide analytical facilities which in an emergency could aid in identifying inorganic hazardous substances. Additionally, the Fish and Wildlife Service will provide, through its regional pollution response coordinators, technical expertise to the OSC and RRT with respect to land, fish, and wildlife, including migratory birds, marine mammals, and endangered and threatened plants and animals, and their habitats (see §1510.36 (a)(3) of the National Plan.

203.10 The Department of Justice can supply expert legal advice to deal with complicated judicial questions arising from discharges and federal agency responses.

203.11 The Department of Labor, through the Occupational Safety and Health Administration, will provide the OSC with advice, guidance, and assistance regarding hazards to persons involved in removal or control of oil or chemical spills, and in the precautions necessary to prevent endangerment of their health and safety.

203.12 The Department of Transportation provides expertise regarding transportation of oil and hazardous substances. Through the USCG, DOT supplies expertise in the domestic/international fields of port safety and security, marine law enforcement, navigation, and construction; manning, operation, and safety of vessels and marine facilities. The Coast Guard maintains continuously manned facilities that are capable of command, control, and surveillance for oil discharges occurring on the waters of the United States.

203.13 The Department of State will lead in developing joint international contingency plans. It will also provide assistance in coordination when a pollution discharge crosses international boundaries or involves foreign flag vessels. Additionally, this Department will coordinate requests for assistance from the Government of Mexico and U.S. proposals for conducting research at incidents that occur in Mexican waters.

203.14 The Environmental Protection Agency provides expertise regarding environmental effects of pollution discharges and environmental pollution control techniques. EPA will also advise the Inland RRT and OSC of the degree of hazard a particular discharge poses to the public health and safety, and will coordinate scientific support, including damage assessment, in the inland regions. EPA is responsible for chairing the Inland RRT and for development, revision, and implementation of regional and local plans for those areas in which it has responsibility to furnish the OSC. EPA will coordinate with the USCG in the preparation of regional and local plans for pollution control and protection of the environment.

203.15 All federal agencies are responsible for minimizing the occurrence of discharges and for developing the capability to respond promptly in cases of discharges from facilities they operate or supervise, and for making resources available for federal pollution response operations.

203.16 In addition to paragraph 202.15, participating agencies are responsible for:

- (1) Leading all federal agencies in programs to minimize the number of and environmental damage associated with discharges from facilities they operate or supervise;
- (2) Providing representation to the RRT and assistance to the OSCs in formulating regional and local plans;
- (3) Developing, within their operating elements, the capability in their particular areas of expertise for a rapid response to any pollution discharge in coordination with other federal agencies;
- (4) Making information available to the RRT or OSC; and
- (5) Keeping the RRT informed, consistent with national security considerations, of changes in the availability of resources that would affect the operation of this Regional Plan.

204 Nonfederal Participation

204.1 Every state governor is asked to assign an office or agency to represent the state on the RRT. The state's representative should participate fully in all facets of RRT activity and shall designate the appropriate element of the state government that would undertake direction of state-supervised discharge removal operations. Participation of officials representing municipalities encompassing major ports and waterways is also invited in RRT activities. State and local government agencies are encouraged to include contingency planning for discharge removal in all emergency and disaster planning activities. Federal local contingency plans should provide for coordination with local government organizations such as county and city or town governments. This is especially important for traffic control, land access, and disposal of pollutants removed in response operations.

204.2 States, industry groups, the academic community, and others are encouraged to commit resources for removal operations. Their specific

commitments shall be outlined within federal regional and local contingency plans. Each OSC should explore the possibility of concluding memoranda of understanding to delegate responsibility to concerned states for cleanup of certain spills. Details on reimbursement to states for removal actions taken pursuant to this Plan are contained in Section 1510.65(h) of the National Plan and in 33 CFR Part 153.

204.3 It is particularly important to coordinate the technical information generated by scientists from the federal and state governments, from industry, universities, and elsewhere to assist the OSC in developing cleanup strategies in environmentally sensitive areas; to assist in the performance of post-spill damage assessments; and to assure that pertinent research will be undertaken to meet regional needs. The scientific support aspect of this plan is described in Section 305.

204.4 Federal local contingency plans should establish procedures that will result in organized and worthwhile employment of volunteers. Local plans should provide for the organization and direction of volunteers by the OSC, or other federal, local, or state officials knowledgeable in contingency operations and capable of providing leadership. Local plans should also identify specific areas in which volunteers can be used, such as beach surveillance, logistical support, bird and wildlife treatment, and scientific investigations. Normally, volunteers should not be used for physical removal of pollutants. If a substance is toxic to humans, or if in the judgment of the OSC other dangerous conditions exist, volunteers shall not be permitted at on-scene operations. During contingency plan operations, information on discharge and removal efforts should be provided to volunteers frequently to insure a coordinated effort and a sense of meaningful participation.

300 PLANNING AND RESPONSE ORGANIZATION

301 Emergency Response Activities and Coordination

301.1 For pollution emergency response activities, federal on-scene coordination is accomplished through the (OSC). He reports to and receives advice from an RRT composed of appropriate representatives from the regional and district offices of the participating agencies and state and local governments.

301.2 The predesignated federal OSCs for spills occurring within the boundaries of standard federal Region 5 applicable to this Plan are located at the Regional Response Center, EPA, Chicago, Illinois, and include:

Sylvester Bernotas
Ralph Coons
Joseph Fredle
George Madany
Daniel Papcke
Ross Powers

The predesignated OSC's can be contacted at the Regional Response Center in Chicago by calling (FTS)353-2318.

301.3 National level coordination is accomplished through the NRT, which receives reports from and renders advice to the RRT.

301.4 The organizational concepts of this Plan are shown in Figure 1.

302 National Response Team

302.1 The NRT consists of representatives from the primary and advisory agencies. It serves as the national body for planning and preparedness actions prior to a pollution discharge and for coordination and advice during a pollution emergency. It shall be organized and shall function as outlined in Annex II of the National Plan.

302.2 The NRT shall establish and maintain a Committee on Revision of the National Plan. This Committee shall provide suggested revisions to the NRT for consideration, approval, and publication by CEQ. The primary agencies shall provide membership on this standing committee. Advisory agencies shall participate whenever revision or proposed amendments would affect those agencies.

302.3 Based on a continuing evaluation of response actions, the NRT shall consider and make recommendations to appropriate agencies relating to training and equipping response team personnel; necessary research, development, demonstration and evaluation stockpiling; and other operational matters as the need arises. CEQ shall be advised of any agency's failure to adequately respond to these recommendations.

302.4 During pollution emergencies, the NRT shall act as an emergency response team to be activated in the event of a discharge involving oil or hazardous substances which 1) exceeds the response capability of the region in which it occurs, 2) transects regional boundaries, or 3) involves significant numbers of persons or nationally significant amounts of property. The NRT can also be called out upon request by any primary agency representative. Each representative, or an appropriate alternate, shall be notified by telephone of activation of the NRT. The NRT has no operational control of the OSC.

303 National Response Center

303.1 The NRC, located at Headquarters, USCG, is the Washington, DC, headquarters site for activities relative to pollution emergencies.

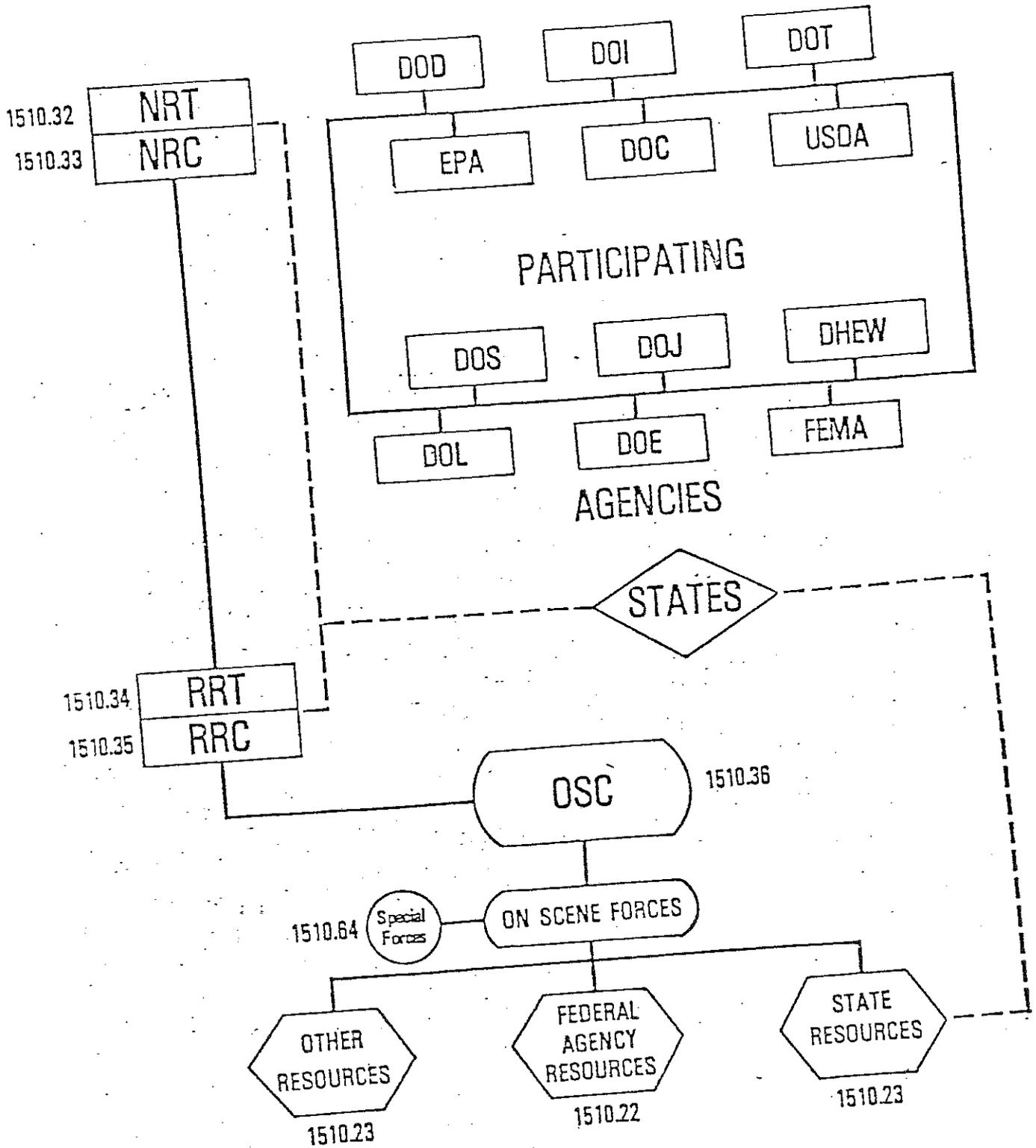


Figure 1 NATIONAL CONTINGENCY PLAN CONCEPTS

NRC headquarters, described in Annex III of the National Plan, provides communications, including a continuously manned communication center, information storage, and necessary personnel and facilities to promote the smooth and adequate functioning of this activity.

304 Regional Response Team

304.1 The RRT serves as the regional body for planning and preparedness actions before a pollution discharge. The RRT consists of regional representatives of the participating agencies, and state and local government representatives, as appropriate. The full participation of high-level representation from states and local governments with major ports and waterways is desired.

304.2 The representatives of EPA and USCG shall act as chairman of the Inland RRT and Coastal RRT, respectively.

304.3 Each participating federal agency shall designate one member and a minimum of one alternate member to the RRT. Participating states and local municipalities should also designate one member and a minimum of one alternate member to the team. Agencies may also provide additional representatives as observers to meetings of the RRT. Persons representing the participating agencies may vary depending on the subregional area in which the discharge occurred or on whether removal actions are underway. Details of such representation are specified in Annex II of this Regional Plan.

304.4 RRT members shall designate representatives of their agencies to work with OSC's to develop local plans, to plan for the use of agency resources located within the OSC's area of responsibility, and to respond to pollution incidents.

304.5 Each of the states within EPA Region 5 is encouraged to participate actively in all RRT activities and to designate representatives to work with the OSCs to develop regional and local plans and to plan use of state resources located within the OSC's area of responsibility. When the RRT is activated for a pollution emergency, the affected state or states are invited to participate in all RRT deliberations. Any state or local government that participates in the RRT has the same status as any federal member of the RRT.

304.6 The Chairman of RRT shall insure that the provisions of this Plan are adequate to provide the OSC with appropriate technical and professional assistance from the participating agencies commensurate with the agencies' resources, capabilities, and responsibilities within the region. During a pollution emergency the members of the RRT shall insure that the resources of their respective agencies are made available to the OSC.

304.7 When not activated for a pollution discharge, the RRT serves as a standing committee to recommend needed policy changes in the regional response organization, to revise the regional plan as needed, and to evaluate the preparedness of the agencies and effectiveness of local plans for coping with pollution discharges. The RRT shall:

- (1) Maintain a continuing review of regional and local pollution emergency response operations and equipment readiness to insure adequacy of regional and local planning and coordination for combating discharges of oil and hazardous substances. The RRT shall also recommend revision of the National Contingency Plan to CEQ via the NRT on the basis of observations of response operations;
- (2) Review the functioning of OSCs to insure that local plans are developed and fully coordinated among involved agencies;
- (3) Develop procedures to promote the coordination of federal, state, and local governments and private agencies to respond to pollution incidents;

- (4) Consider necessary changes in policy on the basis of continuing evaluation of regional response actions taken in combating discharges of oil and hazardous substances;
- (5) Maintain a continuing surveillance of incoming reports from all OSCs and activate the RRT when appropriate;
- (6) Meet semiannually to review pollution emergency response actions of the preceding period, receive reports on revisions, review local plans, and consider amendments to the regional plan;
- (7) Provide letter reports outlining its activities as a mechanism for rapidly identifying techniques and procedures that have worked well and should be passed on to other RRTs. The reports will also serve to identify those practices that need improvement. Reports will be submitted to the Chairman of the NRT not later than 31 January and 31 July. As a minimum, reports will contain paragraphs addressing:
 - (a) Summary of Activities. This section will contain a synopsis of the highlights of routine meetings and activations which have occurred since the last report.
 - (b) Organizational Matters. This paragraph will outline organizational improvements that have been made since the last report. Any organizational matters that are considered to require NRT action should also be addressed. RRTs are encouraged to submit enclosures which detail procedures that have worked exceptionally well so that these may be transmitted to other RRTs for possible adoption.
 - (c) Operations. This section will include recommendations, comments, or observations concerning response methods, equipment, training, or other operational matters which have not been addressed in the review of OSC reports.

304.8 The RRT shall act as an emergency response team to be activated in the event of a discharge involving oil or hazardous substances which (1) meets the definition of a Major Discharge [105.18(3)]; (2) exceeds the response capability available to the OSC within the locale in which it occurs; (3) transects regional boundaries; (4) involves significant numbers of persons or regionally significant amounts of property; or (5) when requested by any representative to the RRT.

304.9 The RRT shall be activated automatically in the event of a major or potential major discharge. The RRT may be activated during any other pollution emergency by an oral request from any RRT representative to the chairman of the team. Each representative, or an appropriate alternate, shall be notified immediately by telephone of activation of the RRT. Requests for team activation shall be confirmed in writing. The time of team activation shall be confirmed (e.g., telephone notification or assembly), place of assembly (if appropriate), and means of contact shall be included in POLREPS submitted in accordance with part 304.19(5).

304.10 When activated during a pollution discharge response, agency representatives shall meet at the call of the chairman and shall:

(1) Monitor and evaluate reports from the OSC insuring their completeness. The RRT shall advise the OSC on the duration and extent of the federal response and may recommend specific courses of action in combating the discharge for consideration by the OSC.

(2) Request other federal, state, local government, or private agencies to consider taking action under their existing authorities to provide the resources necessary for combating a discharge or deployment of personnel to monitor response operations.

- (3) Help the OSC in preparing public information releases and in transferring information between the OSC and the Washington, DC, headquarters of the agencies concerned, so as to minimize or prevent dissemination of spurious and incomplete information. Public information actions are discussed in Annex VI.
- (4) Advise the regional head of the agency providing the OSC if a shift of on-scene coordination from the predesignated OSC to another OSC is indicated by the circumstances or progress of a pollution discharge.
- (5) Submit POLREPS (Pollution Reports) to the NRC in a timely manner as developments occur and not later than 1600 local time on each day of the operation.

304.11 If any member of the RRT dissents from a decision of the RRT on a discretionary action pursuant to the plan, or an interpretation of the plan, that member may appeal that decision to the NRT. The dissenting member shall notify the Chairman of the RRT of its appeal. During a major pollution discharge, a member who has pursued an appeal to the NRT may request further review by CEQ.

304.12 Deactivation of the RRT shall be by agreement between the EPA and USCG team members. The time of deactivation shall be included in POLREPS.

304.13 Boundaries of the standard federal regions as shown in Annex III of the National Plan shall be followed for development of the Regional Contingency Plan. Boundaries for local contingency plans shall coincide with those agreed upon between EPA and the USCG in determining OSC areas of responsibility (see Annex IV of this Plan.)

305 Regional Response Center

305.1 For pollution control activities under this Plan, the Regional Response Center is accommodated at the Environmental Protection

Agency's Region 5 office in Chicago, Illinois. The Regional Response Center is accommodated in quarters described in Annex III of this Plan, and provides communications, information storage, and other necessary personnel and facilities to promote the proper functioning and administration of this Plan.

306 On-Scene Coordinator

306.1 The OSC shall coordinate and direct federal pollution control efforts at the scene of a discharge or potential discharge. EPA Region 5 OSCs have been predesignated in section 301.2 of this Plan.

- (1) In the event of a discharge of oil or hazardous substance, the first official on the site from an agency having responsibility under this Plan shall assume coordination of activities under the Plan until the arrival of the predesignated OSC.
- (2) The OSC shall determine facts about a discharge, such as its potential impact on human health and welfare; the nature, amount, and location of material discharged; the probable direction and time of travel of the material; the resources and installations which may be affected, and the priorities for protecting them.
- (3) The OSC shall initiate and direct, as required, Phase II, Phase III, and Phase IV operations, and consistent with other responsibilities, shall coordinate with agency representatives on-scene who are carrying out their agency responsibilities.

Advice provided by the EPA on the use of chemicals in Phase III and Phase V operations shall be binding on the OSC except as provided for in Annex X of the National Plan. Advice provided by DOI through the U.S. Fish and Wildlife Service or by DOC through the National Marine Fisheries Service on the cleanup of discharges that affect or have the potential of affecting endangered species shall be binding

on the OSC, unless in the judgment of the OSC other actions are required to prevent or substantially reduce hazard to human life or substantially reduce explosion or fire hazard to property.

- (4) The OSC shall call upon and direct the deployment of needed resources in accordance with this Plan to evaluate the magnitude of the discharge and to initiate and continue removal operations.
- (5) The OSC shall provide necessary support and documentation for Phase V activities.
- (6) In carrying out this Plan, the OSC will fully inform and coordinate closely with the RRT to insure the maximum effectiveness of the federal effort in protecting the natural resources and the environment from pollution damage.

306.2 EPA and the USCG shall insure that OSCs are predesignated for all areas within the region.

- (1) The EPA is responsible for furnishing or providing On-Scene Coordinators for the inland waters in Region 5. A more detailed description of the OSC areas of responsibility is included in Annex IV.
- (2) The USCG Ninth District is assigned the responsibility to provide OSCs for the open waters of the Great Lakes including Lake St. Clair, the interconnecting rivers, major bays, ports and harbors, and the tributary rivers to the limits of their navigability by large bulk carriers. As this is the coastal regional area of Region 5, a more detailed description of the area of responsibility is included in the contingency plan developed by the Ninth Coast Guard District for the coastal regional area within Region 5. (See Annex IV, Sec. 1409, on Ninth Coast Guard District OSC Boundaries.)

(3) The U.S. Coast Guard Second District is assigned the responsibility to provide OSCs for several rivers and river port areas according to agreements reached with EPA Region 5. (See Annex IV, Sec. 1408, on Second Coast Guard District OSC Boundaries.) River areas not covered in Section 1408 fall under EPA authority relative to OSCs but Coast Guard assistance can be requested if its personnel and equipment are available.

(4) The major consideration in selection of the OSC shall be based upon that agency's capability and resources for pollution control response activities and the individual OSC's knowledge of the National Contingency Plan and the appropriate Regional Contingency Plan.

306.3 All federal agencies are required by executive order to develop emergency plans and procedures for dealing with accidental pollution. All federal agencies are therefore responsible for designating the offices to coordinate response actions for facilities or vessels under their jurisdiction and for the provision of means to remove or mitigate the effects of discharges from their facilities. If the responsible agency does not act promptly or take appropriate action, the EPA or USCG shall, depending on the area in which the discharge occurs, assume the OSC functions. Pollution control actions taken must be in accordance with federal regulations and guidelines and this Plan.

306.4 The OSC is responsible for developing and maintaining a local contingency plan for the OSC's area.

307 Special Forces

307.1 The National Strike Force (NSF) shall be established consisting of personnel trained, prepared, and available to provide necessary services to carry out this Plan. This NSF shall be formed around the Strike Teams established by the U.S. Coast Guard on the east, west, and gulf coasts, and including the Environmental Response Team (ERT) established by the EPA, when required. The NSF shall provide assistance to the OSC during Phase III, IV, and V operations as the

circumstances of the situation dictate. When possible, the NSF will provide training to the Emergency Task Forces and participate with the Regional Response Team in regional and local contingency plan development.

The Strike Teams established by the U.S. Coast Guard are able to provide communications support, advice, and assistance for oil and hazardous substances removal. These teams include expertise in ship salvage, damage control, diving, and removal techniques and methodology. In addition, they are equipped with specialized containment and removal equipment and have rapid transportation available.

307.2 The Environmental Response Team was established to advise the OSC and RRT on environmental issues surrounding spill containment and removal and damage assessment. The ERT has two components which are described in detail in §1510.64(b)(1) and (2) of the National Plan; briefly, their functions include:

- (1) Operations Support - provides advice on spill containment and cleanup including: application of dispersants, habitat restoration, cleanup technique and priorities, disposal of contaminated material, water supply contamination, and special considerations pertaining to hazardous substances.
- (2) Scientific Support - provides scientific support assistance including: trajectory analysis, chemical analysis, location of environmentally sensitive regions, assessment of environmental damage, and coordination of on-scene scientific activity. Scientific Support Coordinators (SSCs) will be designated by EPA and NOAA. The EPA/NOAA SSC boundary is identical to the Region 5 EPA/USCG OSC boundary described in Annex IV of this Plan, as agreed upon by a Memorandum of Understanding between EPA Region 5 and the NOAA Gulf Coast SSC.

Guidelines for requesting assistance from the ERT are contained in part 505.2 of this Plan.

400 OPERATIONS - RESPONSE PHASES

401 Phase Groupings

401.1 The actions taken in response to a pollution discharge can be separated into five relatively distinct classes or phases. For descriptive purposes, these are: Phase I - Discovery and Notification; Phase II - Evaluation and Initiation of Action; Phase III - Containment and Countermeasures; Phase IV - Removal, Mitigation, and Disposal; and Phase V - Documentation and Cost Recovery. It must be recognized that elements of any one phase may take place concurrently with one or more other phases.

402 Phase I - Discovery and Notification

402.1 A discharge may be discovered through: 1) a report submitted by a discharger in accordance with statutory requirements; 2) deliberate search by vessel patrols and aircraft; and 3) random or incidental observations by government agencies or the general public. In the event of receipt of a report by the discharger, written verification of such notification shall be provided by the receiving federal agency within seven working days.

402.2 In the event of a deliberate discovery, the discharge will be reported directly to the NRC. Reports from random discovery may be initially through fishing or pleasure boats, police departments, telephone operators, port authorities, news media, or others. Reports generated by random discovery should be reported to the NRC or nearest

USCG or EPA office. Regional plans shall provide for such reports to the NRC, RRC, and state agency as promptly as possible to facilitate effective response action. Reports of major and medium discharges received by either EPA or USCG shall be expeditiously relayed by telephone to the appropriate members of the RRT as specified by the Regional Contingency Plan. Reports of minor discharges shall be exchanged between EPA and USCG as agreed to by the two agencies.

402.3 The agency furnishing the OSC for a particular area is assigned responsibility for implementing Phase I activities in that area.

403 Phase II - Evaluation and Initiation of Action

403.1 The OSC shall insure that a report of a discharge or potential discharge is immediately investigated. Based on all available information, the OSC shall: 1) evaluate the magnitude and severity of the discharge; 2) determine the feasibility of removal; and 3) assess the effectiveness of removal actions.

403.2 The OSC shall, when appropriate and as soon as possible after receipt of a report, advise the RRC of the need to initiate further governmental response actions. This may be limited to activation of the RRT or a request for additional resources to conduct further surveillance or initiation of Phase III or Phase IV removal operations.

403.3 The OSC shall insure that adequate surveillance is maintained to determine that removal actions are being properly carried out. If removal is not being done properly, the OSC shall so advise the responsible party. If, after the responsible party has been advised and does not initiate proper removal action, the OSC shall, pursuant to Section 311(c)(1) of the Act, take necessary action to remove the pollutant.

403.4 If the discharger is unknown or otherwise unavailable, the OSC shall proceed with removal actions pursuant to Section 311(c)(1) of the Act.

404 Phase III - Containment and Countermeasures

404.1 These are defensive actions to be initiated as soon as possible after discovery and notification of a discharge or a potential discharge. These actions may include public health and welfare protection activities, such as analyzing samples to determine source control procedures, salvage operations, placement of physical barriers to halt or slow the spread of a pollutant, emplacement or activation of booms or barriers to protect specific installations or areas, control of the water discharge from upstream impoundments, and the employment of chemicals and other materials to restrain the pollutant and its effects on water-related resources.

405 Phase IV - Cleanup, Mitigation, and Disposal

405.1 This includes actions taken to recover the pollutant from the water and affected public and private shoreline areas, and monitoring activities to determine the scope and effectiveness of removal actions. Actions that could be taken include the use of sorbers, skimmers, and other collection devices for floating pollutants; the use of vacuum dredges or other devices for sunken pollutants; the use of re-aeration or other methods to minimize or mitigate damage resulting from dissolved, suspended, or emulsified pollutants; or special treatment techniques to protect public water supplies or fish and wildlife resources from continuing damage.

405.2 Pollutants and contaminated materials that are recovered in cleanup operations shall be disposed of in accordance with procedures agreed to in state or local contingency plans.

406 Phase V - Documentation and Cost Recovery

406.1 This includes a variety of activities, depending on the location of and circumstances surrounding a particular discharge. Recovery of federal removal costs and recovery for damage done to federal, state, or local government property is included. Damages to private citizens are not dealt with in this Plan. The OSC shall furnish documentation required by the revolving fund administration to recover

costs from responsible parties. Procedures to be followed to fulfill documentation requirements are specified in Coast Guard directives. The collection of scientific and technical information of value to the scientific community as a basis for research and development activities and for the enhancement of understanding of the environment may also be considered in this phase. It must be recognized that the collection of samples and necessary data must be performed at the proper times during the case to fix liability and for other purposes (see Annex VIII).

407 Special Considerations

407.1 Safety of Personnel. Actual or potential pollution discharges that could have an imminent and substantial effect on both air and water media can pose serious hazards to personnel health and safety. The OSC should be aware of this hazard and should exercise caution in allowing civilian or government personnel into the affected area until the nature of the substance discharged is known. Local contingency plans shall identify sources of information on anticipated hazards, precautions, and requirements to protect personnel during response operations. Names and phone numbers of people with relevant information shall be included.

407.2 Waterfowl Conservation. Oil discharges, particularly in estuarine and near shore areas, often cause severe stress to resident and migratory bird species. The DOI representative and the state liaison to the RRT shall arrange for and coordinate actions of professional and volunteer groups that wish to establish bird collection, cleaning, and recovery centers. For specific instructions on bird conservation or cleaning operations, consult specialists in the U.S. DOI Fish and Wildlife Service. Organizations and instructions that are willing to participate in such activities and operate such facilities are listed in Annex XI.

500 COORDINATING INSTRUCTIONS

501 Delegation of Authority

501.1 When required, delegation of authority or concurrence in proposed use of chemical control activities may be initially oral by the EPA representative on the RRT; written confirmation should be completed as soon as possible.

502 Notification

502.1 All discharges or potential discharges of oil or hazardous substances affecting or threatening waters of the United States within the area covered by this Plan (see Annex IV, 1402) should be reported immediately by telephone to the following office:

National Response Center (NRC)
Toll Free: 1 (800) 424-8802

If for some reason it is not practicable to contact the NRC, the report should be made to the Regional Response Center in Chicago, Illinois at (312) 353-2318 or (FTS)353-2318 (see Annex III).

503 Multiregional Responses

503.1 In the event that a discharge or a potential pollution emergency moves from the area covered by one contingency plan into another area, the authority to initiate pollution control actions shall change as appropriate. If a pollution emergency affects areas covered by two or more regional plans, the response mechanism called for by both plans will be activated; response actions shall be fully coordinated.

503.2 There will be only one On-Scene Coordinator at any time during a response operation. If a discharge affects two or more areas, the RRT will designate the OSC, giving prime consideration to the area vulnerable to the greatest damage.

504 Multinational Responses

504.1 In the event of a discharge or a potential discharge which affects or may affect the United States and Canada, response actions will be taken in accordance with the provisions of the joint Canada-U.S. Contingency Plan.

505 Coordination with Special Forces

505.1 The U.S. Coast Guard Strike Teams capabilities are described in Section 307.1. The OSC or RRT chairman may obtain their help, when their expertise and capabilities are needed in a cost effective way. Their assistance may be obtained directly as follows:

1. Commanding Officer
Gulf Coast Strike Team
National Space Technology Laboratory
Bay St. Louis, Mississippi 39529
(FTS)494-2380
(601)688-2380
(504)589-6225 (24 hr. New Orleans)
2. Commanding Officer
Atlantic Strike Team
U.S. Coast Guard Air Base
Elizabeth City, N.C. 27909
FTS, days 8-931-0357/8
FTS, After hours 8-931-0268
Com, days 919-338-1100/3941
Com, 24hr 919-338-1100

505.2 Environmental Response Team (ERT)

- (1) Functions of the ERT Operations and Scientific Support components are described in section 307.2 of this Regional Plan.
- (2) The predesignated OSC or the Chairman of the Inland RRT can obtain support from the ERT as follows:
 - (a) Chief
Spill Prevention Control Branch
EPA
Washington, DC 20460

(202) 245-3045
(FTS) 245-3045
(703) 978-2914 (24 hr.)
 - (b) Team Leader
ERT
EPA
Edison, NJ 08817

(201) 321-6740
(FTS) 340-6740
(201) 321-6660 (24 hr.)

505.3 Scientific Support Coordinators

- (a) The ERT will serve Region V as the Scientific Support Coordinators
- (b) NOAA SSC - John Robinson
office home
FTS 320-6551 303-494-1866
303-497-6551
- (c) A list of experts from various fields, is being generated to act as SSC's.

505.4 Consulting Physicians

In case of a pesticide or hazardous material spill, the attending physicians, OSC or RRT chairman may call the EPA consulting physician as follows:

(a) Dr. Donald Morgan
Institute of Agricultural Medicine
University of Iowa
Oakdale Iowa 52319

Office
(319)353-5558

Home
(319)338-8474

Alternate

(b) Dr. S.H. Sandifer
Medical University of S.C
Charleston S.C
24-hr. 800-845-7633

505.5 Federal Emergency Response Contacts listings, including weather information from NOAA are found in Annex II

505.6 State Emergency Response contacts listing are found in Annex XIII

506 Termination of Response Activities

506.1 The OSCs in this region are granted the authority to determine the appropriate termination of response activities in all cases except those where the RRT is actually convened on-site. The OSC or RRT shall consider the recommendations of the appropriate state officials.

Termination should be effected when it is apparent that further effort will be nonproductive or counterproductive in returning the environment to its former state.

507 Resolution of Disputes

507.1 In the event that a polluting discharge or potential pollution emergency originating in EPA Region 5 affects or threatens areas covered by other EPA or USCG regional plans, the NRT will designate the OSC if members of two adjacent RRTs are unable to agree on the designation. Usually the OSC in the region where a spill originates will remain the OSC.

600 PROCEDURES FOR REVIEWING AND UPDATING
THE REGIONAL AND LOCAL CONTINGENCY PLAN

601 Responsibility

601.1 The format and content of this Regional Plan were developed in accordance with the National Plan. The Regional Administrator of EPA Region 5 is responsible for revising and maintaining this plan.

602 Procedures for Review

602.1 This plan will be reviewed and updated quarterly and when major changes occur. The RRT will meet quarterly to consider changes in the Regional and Local Plan. Recommendations for changes are requested and may be submitted by any participating agency to Chairman, Regional Response Team, EPA Region V, 536 S. Clark Street Chicago, Illinois 60605

ANNEX I
1100 DISTRIBUTION

1101 General. This plan and all amendments and changes will be distributed to the NRT, RRT, OSCs and to the states of Illinois, Indiana, Michigan, Minnesota and Wisconsin. Other interested federal, state, and local agencies and private parties may obtain copies of this plan from Regional Administrator, EPA Region V, 230 S. Dearborn Street Chicago, Ill. 60604.

1102 Included in this formal distribution are the following organizations:

Environmental Protection Agency

Region I - Lexington, Massachusetts (Boston)
Region II - New York, New York
Region III - Philadelphia, Pennsylvania
Region IV - Atlanta, Georgia
Region VI - Dallas, Texas
Region VII - Kansas City, Kansas
Region VIII - Denver, Colorado
Region IX - San Francisco, California
Region X - Seattle, Washington

Department of Transportation

Second Coast Guard District, St. Louis, Missouri
Coast Guard Captains of the Port

St. Louis, Missouri
Minneapolis/St. Paul, Minnesota
Paducah, Kentucky
Louisville, Kentucky
Cincinnati, Ohio
Huntington, West Virginia

Marine Safety Detachments

Davenport, Iowa
Peoria, Illinois
Evansville, Indiana
Marietta, Ohio

Ninth Coast Guard District, Cleveland, Ohio
Coast Guard Captains of the Port

Chicago, Illinois
Cleveland, Ohio
Detroit, Michigan
Duluth, Minnesota
Milwaukee, Wisconsin
Muskegon, Michigan
Sault Ste. Marie, Michigan
Toledo, Ohio

Department of Defense

Corps of Engineers, North Central Division
Chicago, Illinois

Districts

Chicago, Illinois
Detroit, Michigan
Rock Island, Illinois
St. Paul, Minnesota

Corps of Engineers, Lower Mississippi Valley Division
Vicksburg, Mississippi

Districts

Huntington, West Virginia
Louisville, Kentucky
Pittsburgh, Pennsylvania

Headquarters Fifth U.S. Army
Office of Deputy Chief of Staff for Logistics
Engineer Division
Ft. Sam Houston, Texas

United States Navy
Ninth Naval Districts Headquarters
Great Lakes, Illinois

Department of Commerce

Weather Service Forecast Office, Region 5
Chicago, Illinois

Department of Interior

Fish and Wildlife Service
Bureau of Sport Fisheries and Wildlife
North Central Region
Twin Cities, Minnesota

Department of Health, and Human Services

Public Health Service
Bureau of Community Environmental Management
Chicago, Illinois

Department of Justice

Division of Land and Natural Resources
Washington, DC

Department of State

International Joint Commission
Washington, DC

Energy Research and Development Administration

Safety Division
Argonne, Illinois

Federal Emergency Management Agency
Chicago, Illinois 60602 Room 540

State Pollution Control Agencies

Illinois Environmental Protection Agency
Springfield, Illinois

Indiana Stream Pollution Control Board
Indianapolis, Indiana

Michigan Department of Natural Resources
Lansing, Michigan

Minnesota Pollution Control Agency
Roseville, Minnesota

Ohio Environmental Protection Agency
Columbus, Ohio

Wisconsin Department of Natural Resources
Madison, Wisconsin

Interstate Water Pollution Control Agencies

Ohio River Valley Water Sanitation Commission (ORSANCO)
Cincinnati, Ohio

1103 Other federal, state, local, and private agencies and organizations will be added to the distribution list as appropriate.

ANNEX II
1200 REGIONAL RESPONSE TEAM DIRECTORY

1201 Regional Response Team

1201.1 Participating Agency Representatives

Environmental Protection Agency

* Region 5
536 S. Clark St.
Chicago, IL 60605

Thomas Yeates (Chairman RRT)

Vacant

DOT Coast Guard

* District 2
1430 Olive St.
St. Louis, MO 63103

Capt. Matthew Woods
Cmdr. G.T. Willis

* District 9
1240 East Ninth Street
Cleveland, OH 44199

Capt. H.F. Norton
Lt. Cmdr. Art Ruedisueli

OFFICE
8-353-2318
312-353-2318
TWX 910-221-5191
MPCCI

HOURS
8:15-4:45

OFF DUTY
312-353-2318

8-353-2318
312-353-2318
TWX 910-221-5191
MPCCI
8-353-3808
312-353-3808
8-353-9770
312-353-9770

8-425-4614
314-425-4614

8-279-4655
314-425-4655
TWX 910-761-1168
USCG STL

216-522-3983

8-293-3983
216-522-3983
TLX 910145
USCG CLV

DOT Corps of Engineers

* North Central Division
(Emergency Management)
536 S. Clark St.
Chicago, IL 60605

Bernard Bochantian

* Lower Mississippi Valley Division
P.O. Box 80
Vicksburg MS. 34180

James Peterson
F.E. Stubos

* Ohio River Division
Construction Operation Dv.
550 Main St
PO Box 1159
Cincinnati, OH 45201

Jack Kiper

DOI Fish and Wildlife Service

* North Central Region
Federal Building, Fort Snelling
Twin Cities, MN 55111

James Kesel
Dr. James Elder

OFFICE

8-886-5451
312-886-5451
TWX 910-221-5625
NCD CECHGO

8-273-5517
314-263-5517
TWX 910-761-1051
ENG DIST STL

8-684-3061
513-684-3061
TWX 810-461-2659
OHIO RIVER DIV

8-725-3535
612-725-3535
TLX 290652
GSA FTS MPS

HOURS

OFF DUTY

815-568-7544

601-638-3238

606-341-0160

715-386-9815
612-888-7375

OFF DUTY

HOURS

OFFICE

DOC National Weather Service

* Central Region (all states except OH)

601 East 12th Street
Kansas City, MO 64106

8-758-3230
816-374-3239

816-781-8728
913-722-1911

Johnny S. Smith
Laurence Shaffer

216-522-4949

* Eastern Region (Ohio)
Federal Facilities Bldg.
Cleveland, OH 44135

8-293-4949
216-522-4949

Federal Weather Service

8-353-4680
312-353-4680

312-963-3027

Illinois
National Weather Service
R. Waldman

317-844-3056

Indiana
NOAA National Weather Service

8-331-5410
317-269-5410

313-668-2222

J. Curran

8-378-2222
313-668-2222

Michigan
National Weather Service

612-725-3404

CR. Snider

8-725-3404
612-725-3404

Minnesota
NOAA National Weather Service

216-267-0069

JV. Graff

Ohio
National Wather Service
P.W. Dailey

216-267-0069

414-291-3060

Wisconsin
National Weather Service
E,C Jagler

8-362-3060
414-291-3060

Dept. of Health, Education and Welfare

300 S. Wacker Dr.
Chicago, IL 60606

Robert Ford

8-353-9365
312-353-9635

Federal Emergency Management Agency

* Region 5

1 N. Dearborn St. Rm 540
Chicago, IL 60602

R. Buddekf
G. Pierson

312-639-6476

8-353-1500
312-353-1500

Dept. of Energy

* Radiological Incident Office
9800 S. Cass Ave.
Argonne, IL 60439
E. Jascewsky

8-972-4800
312-972-4800

312-972-5731

OFF DUTY

HOURS

OFFICE

Dept. of Justice

8-353-5300
312-353-6742
312-251-5872

* Illinois Northern District
219 S. Dearborn St. Room 1500 S.
Chicago, IL 60605

Thomas Sullivan, US Attorney
8-955-4450
217-492-4450

* Illinois Southern District
PO Box 375
Springfield, IL 62705
217-787-4017
217-787-2251

Gerald D. Fines, US Attorney
Thomas Turner, First Assistant
8:00-4:30

9-359-9360
618-271-6037
618-398-1446
618-397-7131
618-632-7691
618-345-7427

* Illinois Eastern District
750 Missouri Ave., Room 330
East St. Louis, IL 62260

James R. Burgess, Jr., US Attorney
Robert Simpkins, First Assistant
8:30-5:30

8-332-7263
219-232-3086

* Indiana Northern District
332 Federal Building
204 S. Main St.
South Bend, IN 46601
219-287-2797

David T. Ready, US Attorney
John S. Leonardo, First Assistant

8-331-6333
317-269-6333

* Indiana Southern District
Federal Building U.S. Court House
46 E. Ohio St.
Indianapolis, IN 46204

Virginia Dill McCarty, US Attorney
Bernard Pylitti, First Assistant
317-257-6859

<u>OFFICE</u>	<u>HOURS</u>	<u>OFF DUTY</u>
Dept. of Justice (Cont.) * Michigan Eastern District 817 Federal Building 231 W. Lafayette Detroit, MI 48226	8-226-4316 313-226-4316	8:30-5:00
J.E. Brant		
* Michigan Western District 544 Federal Building Grand Rapids, MI 49502 James S. Brady, US Attorney Don Davis, Chief Assistant	8-372-2404 616-456-2404	
* Minnesota District 110 Fourth St., Room 234 Minneapolis, MN 55411 Thomas Berg, US Attorney John M. Lee, First Assistant	8-781-7430 612-332-8961	
* Ohio Northern District U.S. Courthouse Room 400 Cleveland, OH 44114 James R. Williams, U.S. Attorney William Edwards, First Assistant	8-293-4392 216-522-4392	8:30-5:00
* Ohio Southern District 85 Marconi Blvd., Room 200 Columbus, OH 43215 James Cissell, US Attorney James E. Rattan, Sen. Assistant	8-293-4387 8-943-5517 614-469-5517	216-867-7536 8:30-5:00
	614-684-3711 (Cincinnati) 614-469-5517	614-451-3660

OFF-DUTY

HOURS

OFFICE

8:00-5:00

Dept. of Justice (Cont.)

* Wisconsin Eastern District
517 E. Wisconsin Ave., Room 330
Milwaukee, WI 53202

8-362-1700
414-291-1700

Charles H. Bohl, US Attorney

8-364-5158
608-264-5158

* Wisconsin Western District
215 Monona Ave
Madison, WI 53701

608-233-0708

Frank M. Tuerkheimer, US Attorney
Grant Johnson, First Assistant

8-353-5863
312-353-5863

DHHS Food and Drug Administration

175 W. Jackson St.
Chicago, IL 60604

8-353-1041
312-353-1041

312-469-2567

F.R. Stanleynald
Asst. Reg. Dir., Program Mgmt.

Department of Labor

312-353-2220

230 S. Dearborn
Chicago, IL 60604

Russ Adams

Department of State

202-426-1830
808-424-8802

8-426-1830
312-426-1830
800-424-8802

International Joint Commission
(Through National Response Center)

USDA Forest Service

- * Forest Service
633 W. Wisconsin Ave.
Milwaukee, WI 53203

Harvey Gibson

8-362-3698
414-291-3698

OFFICE

HOURS

OFF DUTY

1202 EPA, Regional Spill Response Personnel

- * Regional Administrator
Valdas Adamkus (acting)
Nancy Philippi
Mary Ellen Lynch

414-242-1410

312-353-2000
312-353-3299
312-353-3018

312-328-5722
312-866-7492
312-296-9049

Surveillance and Analysis Div.

William H. Sanders, III, Dir.

- * Environmental Emergency Branch

Thomas Yeates
Vacant

312-353-3804

312-957-4130

312-353-2318

312-353-2318

- * Air Surveillance Branch

Gerald Regan
Lucien Torrez
Charles Miller

312-353-3808

312-353-2318

312-353-9770

312-353-2318

312-353-2306

312-963-0695
312-355-6029
312-865-1471

- * Central Regional Laboratory

Curtis Ross

312-353-8370

312-747-4355

OFF DUTY

HOURS

OFFICE

Air and Hazardous Materials Div.

* Pesticides Branch

Dr. Mitchell Wrich
George Marsh
Carl Erickson

* Toxic Substances

Karl Bremer
Paul Meriage
Sheldon Simon

* Waste Management

Karl Klepitsch, Jr.

* Radiation

pete Tedeschi
Larry Jensen

Enforcement Division

* Oil and Hazmat Enforcement Specialist

Eileen Bloom

Regional Response Personnel

Eastern Response
Cleveland, OH

Joseph Fredle
(Pager)
Daniel Papcke
(Pager)

312-353-2192

312-886-6002

312-353-2197

312-353-2654
312-886-6175

312-353-2094

8-293-7260
216-522-7260
TWX 810-427-9255

WPCCLE WLKE

312-885-2403
312-956-1089
312-537-3347

312-382-1251
312-653-3063
312-756-2237

815-838-2697

312-544-7938
312-784-0310

312-664-1353

216-949-7701
664-8752
226-2442
664-8750

Regional Response Personnel (Cont.)

Michigan Response Unit
Detroit, MI

Ross Powers
(Pager)

Chicago Response Unit

Sylvester Bernotas
Ralph Coons
George Madany

1203 National Response Center

U.S. Coast Guard Headquarters

Nassif Building
400 Seventh St., SW
Washington, DC 20590

1204 EPA Headquarters

Div. Oil and Special Materials
EPA

Waterside Mall
401 M. St., SW, RM 2811
Washington DC, 20360

Hans Crump
Jack Jojokian
Henry Van Cleave
Walter Miguez
Russell Wyer
Kenneth Biglane

OFFICE

8-226-7269
8-313-676-6500
TWX 810-231-7184
MPCCHI GRI

353-2318
353-2318
353-2318

8-426-1830

202-426-1830
800-424-8802

TWX 710-822-1959 CG DOT WSH
TCP 202-426-0014

TLX 892427 COAST GUARD WSH

8-245-3045
202-245-3045
TWX 710-822-9269
EPA SPILLS WSH
TLX 892427

8-245-3045
245-3057
245-3045
245-3045
245-3048
245-3048

HOURS

OFF DUTY

313-283-2643
275-3701

312-798-1283
815-436-6166
312-358-1651

202-554-2329

703-978-2914
301-268-4618
703-361-8015
202-244-5911

	<u>OFFICE</u>	<u>HOURS</u>	<u>OFF DUTY</u>
1205 EPA Regional Centers			
Region I - Boston (Lexington)	8-223-7265 617-223-7265 TWX 710-326-6901 EPA LXON		8-223-7265 617-223-7265
Region II - New York (Edison, NJ)	8-340-6658 201-548-8730 TWX 710-998-0598 EPA EDI EDIN		8-340-8730 201-548-8730
Region III - Philadelphia	8-597-9898 215-597-9898 TWX 710-670-0716 EPAOHMPHA		8-597-9898 215-597-9898
Region IV -Atlanta	8-257-3931 404-881-4062 TWX 810-751-8145 WPCATL		8-257-3931 404-881-4062
Region V - Chicago	8-353-2318 312-353-2318 TWX 910-221-5191 WPCCHI		312-353-2318
Region VI - Dallas	8-729-2720 214-767-2720 TWX 910-861-4125 WPCDAL		8-729-2666 214-767-2666
Region VII - Kansas City	8-758-3778 816-374-3778 TWX 910-771-2050 EPA KSC		8-758-3778 816-374-3778
Region VIII - Denver	8-327-3880/2468 303-837-3880/2468 TWX 910-931-2215 EPADVR		8-327-3880 303-837-3880
Region IX - San Francisco	8-556-6254 415-556-6254 TWX 910-372-7845 EPA REG 9 SFO		8-556-6254 415-556-6254
Region X - Seattle	8-399-1263 206-442-1200 (main desk) 206-442-1263 (emer. br.) TWX 910-444-2015 EPA SEA		8-399-1263 206-442-1263

1206 U.S. Coast Guard Marine Safety Office - District 2
Cincinnati, OH

	<u>OFFICE</u>	<u>HOURS</u>	<u>OFF DUTY</u>
Davenport, IA	8-684-3295 513-684-3295		513-684-3295
Evansville, IN	8-863-1242 319-322-6297		319-322-6297
Huntington, WV	8-335-6275 812-424-2717		812-424-2709
Louisville, KY	8-924-5524/5432 304-529-5524/5532		304-529-5524
Marietta, OH	8-352-5194 502-582-5194 TWX-810-3258 USCG LVL		502-684-7254
Minneapolis, MN	8-293-3131 ask for 614-373-5476		614-373-5476
Paducah, KY	8-725-7452 612-725-7452 TWX 910-563-3646 USCG STP		612-725-7452
Peoria, IL	8-352-7361 502-442-1621		502-442-1621
Pittsburgh, COTP	8-360-7195 309-671-7195		309-671-7195
St. Louis, COTP	8-722-5808 412-644-5808		412-644-5808
	8-279-4657 314-425-4657		314-425-4657

U.S. Coast Guard Marine Safety Office (Cont.)

District 9

Buffalo, NY

8-437-4168
716-846-4168
TLX 914142
USCG BUF

8-437-4154
716-846-4154

Chicago, IL

8-353-1226
312-353-1226
TLX 980145
USCG CLV (relay)

8-353-4400
312-768-8000

Cleveland, OH

8-293-4404
216-522-4404
TLX 980145

8-293-4405/4412/3983
216-522-4405/4412/3983

Detroit, MI

8-226-6860/7777
313-226-6860/7777
TLX 980145
USCG CLV (relay)

8-226-6860/7777
313-226-6860/7777

Duluth, MN

8-783-9287
218-727-6692 X286
TLX 294424
USCG DUL

8-783-9287/9286
218-727-4860

Milwaukee, WI

8-362-3162/3181
414-291-3788
TLX 980145
USCG CLV (relay)

8-362-3165
414-291-3788

Muskegon, MI

8-372-1752
616-759-0951
TLX 980145
USCG CLV

8-372-1752
616-759-0357

OFF DUTY

HOURS

OFFICE

	<u>OFFICE</u>	<u>HOURS</u>	<u>OFF DUTY</u>
U.S. Coast Guard Marine Safety Office (Cont.) District 9 (Cont.) Sault Ste. Marie, MI	8-372-4448 906-635-5495 TLX 980145 USCG CLV (relay)		906-635-5241
Sturgeon Bay, WI	8-743-9448 414-743-9448		
Toledo, OH	8-625-6372/7558 419-259-6372/7558 TLX 980145 USCG CLV (relay)		414-743-9448 8-625-6448 419-259-6448
1207 <u>U.S. Geological Survey</u> George F. Brown, Regional Conser. Mgr. Atlantic OCF, Eastern Region 1725 K. Street, NW, Suite 204 Washington, DC 20006	8-254-3137 202-254-3137		
Robert Goff, Deputy Conservation Offr. DMC Offshore Field Operations	8-254-7870 202-254-7870		
1208 <u>U.S. Army Continental Command, DOD</u> DCSOI, HQ, Fifth U.S. Army, AFKB-01-E Ft. Sam Houston, TX 78234	8-746-4911 512-221-5931	0730-1600	512-826-0324
Lt. Col. T.P. Hyde			
<u>Alternate</u> Major JB McKinney			
			8-746-5935/4713/3982 1600-0750 512-221-6111

OFF DUTY

HOURS

OFFICE

8-697-0218/0219
202-697-0218/0219
301-671-2773/4259

Army Decontamination Team

8-695-7045
202-695-7045

Lt. Col. Main Stowe (Pentagon)
301-671-3516/3044/4381

* Tech Escort Team
Aberdeen Proving Ground

Before calling on the Army Team, confer first with Headquarters,
Division of Oil and Special Materials Control.

Note: Before calling on the Army Team, confer first with Headquarters,
Division of Oil and Special Materials Control.

1209 U.S. Navy, DOD Region 5 States (except Ohio)

312-688-4820

312-688-6895

Captain John W. Tombarge
Deputy District Civil Engineer
Northern Division Naval Facilities
Engineering Command
Great Lakes Branch, Bldg. IA
Great Lakes, IL 60088

312-688-4820

Alternate

312-688-2279

Lt. Joseph Furco

Ohio

8-755-3871
215-755-3871

215-755-3871

Lt. Commander W.D. Britt
ACOS Operations and Logistics
Fourth Naval District Headquarters
Philadelphia, PA 19112

1210 State Pollution Control Agencies

Illinois Environmental Protection Agency
2200 Churchill Rd
Springfield, Ill. 62706
WM Busch
John Renkes

* On crude oil spills, call also
Illinois Dept. of Mines and Minerals
Division of Oil and Gas
George R. Lane, Petro. Engr.

Indiana Stream Pollution Control Board

John L. Winters, Chief of Water Qual.
Study and Standards Branch

Raymond Bailey, Chief of Hazardous
Material Spills

Earl Bohner, Director of Water
Pollution Control

On wells and leases, call
Indiana Dept. of Natural Resources
Oil and Gas Division
Homer Brown, Director

John O'Tain, Asst. Director

Michigan Department of Natural Resources

David M. Dennis

OFFICE

217-782-3637
TLX 406430

HOURS

OFF DUTY

217-782-3637

217-782-7756

317-633-0144

217-546-1100

317-633-0144

8-336-1166 ask for 0719
317-633-0719

8-336-1166 ask for 0683
317-633-0683

8-336-1166 ask for 0700
317-633-0700

8-232-4055
317-232-4055

317-251-7547

Same as above

317-881-9659

8-253-2794
517-373-2794

8-253-7660
517-373-7660
1-800-292-4706 (Inside Mich.)

	<u>OFFICE</u>	<u>HOURS</u>	<u>OFF DUTY</u>
<u>Minnesota Pollution Control Agency</u>	8-776-7235/7373 612-296-7235/7373		8-776-7373 612-296-7373
Richard Kable			
Robert Dullinger	8-776-7367/7373 612-296-7367/7373		8-776-7373 612-296-7373
<u>Ohio Environmental Protection Agency</u>	8-942-6542 614-466-6542 TLX: 810-482-1875		800-282-9378 (inside Ohio) 614-224-0946 (outside Ohio)
Ken Schultz			
<u>Wisconsin Dept. of Natural Resources</u>	8-366-2857 608-266-2857		8-366-3232 608-266-3232
Perry J. Manor			
John Thorsen	8-366-7596 608-266-7596		8-366-3232 608-266-7596
<u>1211 Interstate Representatives</u>			
Ohio River Valley Water Sanitation Commission (ORSANCO) 414 Walnut Street Cincinnati, OH 45202			
Glenn E. Moore, Mgr. Surveillance Programs			
* Organization representing states of Illinois, Indiana, Kentucky, New York, Ohio, Pennsylvania, Virginia, and West Virginia			513-421-1151

1212 National Strike Force

Atlantic Strike Team

U.S. Coast Guard Air Base
Elizabeth City, NC 27909
Operational Duty Officer

OFFICE

8-931-0357-0268
919-338-1100/1556

OFF DUTY

8-931-0268
919-338-1100

Gulf Strike Team

U.S. Coast Guard
National Space Technology Lab.
Bay St. Louis, MS 39529
Operational Duty Officer

8-494-2380
601-688-2380

8-494-2380
601-688-2380

1213 Canadian Pollution Control Agencies

Transport Canada, Canadian Coast Guard
Emergency Operations, Toronto, Ontario
(Great Lakes situations)

Nick Vanderkooy, Regional Manager for
Emergency Operations

416-369-3058
TLX 0623317
MOT RDCG
TLX 06523096
MOT CGTC TOR

416-369-3058

Environment Canada
Environmental Protection Service
Toronto, Ontario

(Technical advice on water quality and
pollution control techniques)

Robert W. Slater
Janet Huehn

416-966-5850
416-966-5840
TLX 0623601
DOE EPA TOR

416-966-5840
416-966-5840

OFF DUTY

416-424-3000
416-424-3000

416-369-3058
416-369-3058

Pittsburgh Poison Center
412-681-6669
(24 hr.)

8-426-0700
202-426-0700

OFFICE

Ontario Ministry of the Environment
Toronto, Ontario
(Shore and inland situations)

416-965-3237
416-965-3237/2537
TLX 0623496
EMV ONTOR

P.G. Belling
G. Kay

Joint Response Team, Toronto, Canada
(When activated for U.S. - Canadian situations)

416-369-3636
416-369-2283
TLX 0623317
MOT RDMS TOR

Glenn Stewart, Reg. Dir., Coast Guard
Nick Vanderkooy, Alternate
Canadian Coast Guard, Central Region
Transport Canada

Note: Canadian commercial telephone numbers can be reached via FTS by calling the Buffalo Operator at 8-437-4411 (FTS) or 716-437-4411 (Commercial)

1214 Government Information Centers

* National Clearinghouse for Poison Control Centers, FDA Bureau of Drugs
Emergency

8-443-6260
301-443-6260

* Office of Pipeline Safety Regulations
DOT, Washington, DC
Emergency

8-426-2392
202-426-2392

1215 Industrial Information Centers

CHEMTREC, Chemical Transportation
Emergency Center
Chemical Manufacturers Association,
Washington, DC

Emergency

Administrative

OFFICE

800-424-9300

202-328-4218

OFF DUTY

800-424-9300

ANNEX III
1300 REGIONAL RESPONSE CENTER

1301 Regional Response Center Location

1301.1 The Regional Response Center (RRC) for control of pollution by oil and hazardous substances is established at the EPA Region 5 office in Chicago, Illinois. The address and telephone number are:

	<u>OFFICE</u>	<u>OFF-DUTY HOURS</u>
EPA Region 5		
10th Floor	(312) 353-2318	(312) 353-2318
536 S. Clark St.	FTS 353-2318	(FTS) 353-2318
Chicago, IL 60605		

1302 RRC Purpose

1302.1 The purpose of the RRC is to provide physical facilities for coordination and control of a pollution emergency should regional-level involvement be required. The RRC is routinely manned by personnel of the Environmental Emergency Section.

1303 Responsibility for RRC

1303.1 The Regional Administrator, EPA, Region 5, shall provide the necessary communications and equipment. These will include:

- (1) A continuously manned communication center for reports of discharges;
- (2) Telephone branch lines;

- (3) Teletypewriter circuits;
- (4) The latest updated charts of the Departments of Commerce, Interior, and Defense for the U.S. waters; and
- (5) Technical library on oil and hazardous substances pollution.

1303.2 The Participating agencies shall furnish competent technical personnel to staff the RRC as requested, furnish appropriate technical manuals and materials, and such additional administrative support as required to operate the RRC effectively and efficiently.

1304 Communications Services Available

1304.1 Telephone (voice) services available include:

- (1) FTS (GSA operated government administrative telephone system);
- (2) Normal Bell telephone system;
- (3) Emergency reporting number which is monitored on a 24-hour basis: (312) 353-2318 (FTS) 353-2318.

1304.2 Teletypewriter services available include:

- (1) Western Union (Teletypewriter exchange service linking CONUS-Continental United States-industry and government offices); it can be reached at (910) 221-5191
- (2) GSA teletype net.

1305 U.S. Coast Guard Regional Response Centers

U.S. Coast Guard	<u>OFFICE</u>	<u>OFF-DUTY HOURS</u>
Ninth District (FTS) Communications Center (COM) Cleveland, OH	293-3944 or 3919(FTS) 216-522-3944(COM) TLX 980145 USCG CLV	293-3983 216-522-3983
Second District Communications Center St. Louis, MO	279-4655 (FTS) 314-425-4655 (COM) TLX 910-761-1168 USCG STL	279-4655 (FTS) 314-425-4614 (COM)

ANNEX IV
1400 GEOGRAPHIC BOUNDARIES

1401 Regional Areas

Region 5 has been divided into two operational areas, inland and coastal, corresponding to the areas in which the Environmental Protection Agency and the Department of Transportation are respectively responsible for providing On-Scene Coordinators. The inland regional area includes all the land territory of the six states of Region 5 including their inland lakes and rivers, and is the area to which this Plan addresses itself. The coastal regional area consists of the open waters of the Great Lakes including Lake St. Clair, the interconnecting rivers, major bays, ports and harbors, and the tributary rivers to the limits of their navigability by large bulk carriers. The coastal regional area of Region 5 is described in more detail in the contingency plan developed by the Ninth Coast Guard District. Local contingency plans are encouraged to be developed by state, local governmental, and/or private organizations for specific local areas within Region 5. These local plans would be connected to the alerting network of this Plan. A list of nonfederal plans are included in Annex XI.

1402 EPA Boundaries

Region 5 of the Environmental Protection Agency consists of the states of Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

Region 5 has a regional office in Chicago, three district offices located in Chicago, Cleveland, and Minneapolis, and response units in Detroit and Evansville. Region boundaries and district office boundaries are included in this annex.

1403 Department of Transportation Boundaries

The U.S. Coast Guard has portions of two districts in the Environmental Protection Agency, Region 5. The major portion of Region 5 is in the Ninth District, headquartered in Cleveland. The Second District, headquartered in St. Louis, covers the remaining portion of Region 5 and includes most of the Upper Mississippi River and Ohio River basins. Captain of the Port and District boundaries are included in this annex.

1404 Department of Defense Boundaries

The U.S. Army Corps of Engineers has portions of three divisions within the boundaries of EPA, Region 5. The Great Lakes portion of the region is in the North Central Division, headquartered in Chicago. The southern portion is in the Ohio River Division and a small portion is in the St. Louis District, Lower Mississippi Valley Division. Division and District boundaries are included in this annex.

1405 Department of Interior Boundaries

The Fish and Wildlife Service in Region 3, also known as the North Central Region, covers all of the EPA Region 5 area. Graphical regional boundary descriptions are included in this annex.

1406 Department of Commerce Boundaries

Under the Department of Commerce, NOAA, the National Weather Service Central Region, headquartered in Kansas City, MO, covers all the states of EPA Region 5 except Ohio. The state of Ohio is covered by the NWS Eastern Region, headquartered in Garden City, NY. The Eastern Region prefers that for situations involving the state of Ohio, direct calls be made to the Cleveland Weather Service Forecast Office.

1407 Federal Emergency Management Agency (FEMA) Boundaries
FEMA regional boundaries correspond to those of the EPA nationally since both agencies are organized under the Standard Federal Region system.

1408 Second Coast Guard District OSC Boundaries
The Coast Guard Second District is predesignated to provide the OSC on the following rivers, including a 10-mile band on each side of the river if the river is entirely within Region 5 or a 10-mile band on one side of the river where only that side is within Region 5:

Upper Mississippi River, Minneapolis-St. Paul, MN, to Cairo, IL
St. Croix River, mouth to mile 25
Illinois River, mouth to Lacon, IL
Kaskaskia River, mouth to New Athens, IL
Ohio River, Ohio-Pennsylvania boundary, mile 40.1, to Cairo, IL,
mile 981.2
Muskingum River, mouth to Zanesville, OH, mile 75

The Coast Guard Second District is predesignated further to provide the OSC within Region 5 inside of a:

(1) 25-mile band around cities accommodating Marine Safety Offices:

St. Louis, MO
Minneapolis-St. Paul, MN
Paducah, KY
Louisville, KY
Cincinnati, OH
Huntington, WV

(2) 15-mile band around cities accommodating Marine Safety Detachments:

Davenport, IA
Peoria, IL
Evansville, IN
Marietta, OH

1409 Ninth Coast Guard District OSC Boundaries

The U.S. Coast Guard Ninth District is assigned the responsibility to provide OSCs for the open waters of the Great Lakes including Lake St. Clair, the interconnecting rivers, major bays, ports and harbors, and the tributary rivers to the limits of their navigability by large bulk carriers. As this is the coastal regional area of Region 5, a more detailed description of the OSC areas of responsibility is included in the Contingency Plan which has been developed by the Ninth Coast Guard District. The District Nine areas of OSC responsibility have been defined either in the Coast Guard's Chicago Coastal Region Plan or in various CG-EPA agreements developed from time to time. These areas are described in the text which follows.

Within EPA Central District Office Area

The Central District Office has an agreement, reached on November 12, 1970, with the USCG Chicago COTP, District Nine, which underscores the Coast Guard responsibility on Lake Michigan from the Wisconsin-Illinois state line to just west of Michigan City, Indiana (87° west). Inland bodies of water tributary to Lake Michigan were included in the Coast Guard area of responsibility as follows:

Burns Harbor

From the entrance south to the south end of the deep draft slip. Burns Waterway cannot be navigated by large bulk carriers and therefore is considered to be the responsibility of the Environmental Protection Agency.

Gary Harbor

The entire harbor.

Buffington Harbor

The entire harbor.

Indiana Harbor and Indiana Harbor Canal

From the harbor south along the Indiana Harbor Canal until it branches into the Lake George Branch and the Calumet River Branch.

(1) Lake George Branch
From "The Forks" west to the Baltimore & Ohio Chicago Terminal Railroad bridge at mile 2.94.

(2) Calumet River Branch
From "The Forks" south to the 141st Street (Columbus River) bridge at mile 2.50.

Calumet Harbor and Calumet River
From the mouth of the Calumet River south to "The Forks" mile 6.14, where it branches into the Lake Calumet Branch and the Little Calumet River.

(1) Lake Calumet Branch
From "The Forks" west to the temporary dike at the southern boundary of Lake Calumet.

(2) Little Calumet River Branch
From "The Forks," mile 6.14, to the junction with the Little Calumet River, mile 325.75, and its junction with the Calumet-Sag Canal, mile 319.5, not including any tributaries.

Calumet-Sag Canal
From its junction with the Little Calumet River, mile 319.5, to its junction with the Chicago Sanitary and Ship Canal, mile 303.5, no tributaries.

Chicago River
From the Chicago Harbor Locks to the North and South Branches, mile 1.58, including Ogden Slip.

(1) North Branch Chicago River
From "The Forks," mile 1.58, north to the Addison Street bridge, mile 331.5 (7.78 by Great Lakes Rules).

(2) South Branch Chicago River

From "The Forks," mile 1.58 south, including the South Fork, mile 5.4 (Great Lakes Rules), mile 321.4 (Western Rivers), to mile 321 where it joins the Chicago Sanitary and Ship Canal.

Chicago Sanitary and Ship Canal

From mile 321 south to junction with the Des Plaines River, mile 291, at the Lockport Lock.

Des Plaines River

From Lockport Lock, mile 291, south to the head of the Illinois River, mile 273, not including any tributaries.

Illinois River

From its head at the junction of the Des Plaines and Kankakee Rivers, mile 273, south to Lacon, Illinois, mile 189.

Waukegan Harbor

The entire facility.

In the event of a spill in an area in which the OSC responsibility is not immediately apparent, the Chicago COTP will assume this responsibility until such time as the Department of Transportation and the Environmental Protection Agency reach an agreement.

At a meeting on November 18, 1970, with the Milwaukee COTP personnel, agreement was reached which was similar to the one reached with Chicago COTP. Emphasized was the Coast Guard COTP Milwaukee responsibility on Lake Michigan from the Wisconsin-Illinois state line to just north of Washington Island, Door County, Wisconsin, where the Coast Guard responsibility falls to the COTP Sault Ste. Marie. Inland bodies of water, tributary to Lake Michigan, were included in the Coast Guard area of responsibility, starting from the Illinois-Wisconsin border and going northward, as follows:

Kenosha

Pike Creek to the Sixth Avenue bridge.

Racine

Root River to the Fourth Street bridge.

South Milwaukee

Oak Creek to the mouth.

Milwaukee

Kinnickinnic River to the South Kinnickinnic Avenue bridge.
Menomonee River to Pile 2 (east of 27th Street).
Milwaukee River to North Humboldt Avenue bridge.

Port Washington

Sauk Creek to Wisconsin Street bridge.

Sheboygan

Sheboygan River to Pennsylvania Avenue bridge.

Manitowoc

Manitowoc River to Chicago & Northwestern Railroad bridge.

Two Rivers

West Twin River to 16th and Madison Streets bridge.
East Twin River to 22nd Street bridge.

Kewaunee

Kewaunee River to Park Street bridge.

Algoma

Ahnapee River to Second Street bridge.

Marinette

Menomonee River to Dunlap Avenue bridge (Hw. 41 bridge).

Oconto

Oconto River to the turning basin.

Green Bay

East River to the Monroe Street bridge.

Depere

Fox River to the George Street bridge.

In his telephone call to the EPA Regional Office on November 17, 1972, Capt. Robert J. Bloxson, Sault Ste. Marie COTP, stated that his office could cover the Ford River, just below Escanaba, only to its mouth.

Minnesota Wisconsin Lake Superior Area and Duluth/Superior Harbor

In communications dated 12 February 1971 and 13 April 1971 from Lt. G.G. Bannan, Duluth COTP, U.S. Coast Guard District Nine, the following agreements were made:

Lake Superior

"The Captain of the Port Duluth will provide On-Scene Commanders for the open waters of Lake Superior including the interconnecting waterways, rivers, major bays, ports, harbors, and tributary rivers, to the limits of their navigability by large bulk carriers."

Duluth/Superior Harbor

"The Coast Guard will assume the responsibility for providing On-Scene Commanders in the Duluth/Superior Harbor to the mouths of all small tributary rivers and creeks entering into said harbor, plus the St. Louis River serviced by existing patrols and Aids to Navigation up to the highway bridge on route 23 at Fond du Lac, Minnesota."

Within EPA Eastern District Office Michigan Area

In its Great Lakes Coastal Region Oil and Hazardous Substances Contingency Plan, USCG District Nine defines lines of demarcation which have been agreed upon by both the Coast Guard and the Environmental Protection Agency Region 5 for the state of Michigan as follows:

Detroit COTP

Waterway

Au Gres River
Au Sable River
Bad River
Belle River

Black River
 St. Clair County
Clinton River

Detroit River
Ecorse River
Huron River
Kawkawlin River

Lake Erie
Lake Huron
Lake St. Clair
La Plaisance Creek
Pigeon River

Pine River
 St. Clair County
Pinnebog River

Raisin River

Rouge River
Saginaw River
St. Clair River
Sebewaing River

Shiawassee River

Head of Navigation

Undetermined
Dam, seven miles above mouth
Upper city limits of St. Charles
2,800 feet above northern limits
 of Marine City
Oxbow Bend, seven miles above mouth

Gratiot Avenue highway bridge,
 Mt. Clemens
Navigable throughout
Highway bridge 400 feet above mouth
State highway bridge at Flat Rock
Michigan Central R.R. bridge at
 Kawkawlin, about four miles above
 mouth
Navigable throughout
Navigable throughout
Navigable throughout
La Plaisance Road bridge
Upper village limits of Caseville,
 1/2 mile above mouth
Detroit Port Huron R.R. bridge,
 three miles above mouth
Junction with creek, 1/2 mile above
 mouth
M.C.R.R. bridge at Monroe, 2-1/2 miles
 above mouth
Greenfield Road bridge at Dearborn
Navigable throughout
Navigable throughout
Pere Marquette R.R. bridge,
 1/2 mile above mouth
Junction with Bad River

Muskegon COTP

Waterway

Betsie River

Black River
Ottawa County

Black River
Van Buren County

Grand River

Hamlin Lake
Kalamazoo River

Lake Betsie

Lake Macatawa

Lake Michigan

Mona Lake

Muskegon Lake

Pere Marquette Lake

Portage Lake

Spring Lake

Trail Creek

White Lake

Sault Ste. Marie COTP

Waterway

Bellaire Lake

Burt Lake

Head of Navigation

Head of Betsie Lake, Frankfort,
1/3 miles

Head of Black Lake at Holland, 5.75
miles from Lake Michigan
From the mouth to the Dyclanan Avenue
bridge in South Haven, 0.88 miles
upstream

From the mouth to the end of the
dredged channel at buoy 76 miles
upstream

Navigable throughout

From the mouth to the Saugatuck/
Douglas highway bridge, 2.80 miles
upstream and including Kalamazoo
Lake

Navigable throughout

Navigable throughout

Navigable throughout

Navigable throughout

Navigable throughout

Navigable throughout

Navigable throughout

Navigable throughout

From the mouth to the Franklin Street
bridge in Michigan City, IN, 0.5
miles upstream

Navigable throughout

Head of Navigation

Navigable throughout

Navigable throughout

Carp River	Leelanau, dam 400 feet above mouth
Leelanau County	Country Road bridge, 1/3 mile above mouth
Charlotte River	Navigable throughout
Cheboygan River	Navigable throughout
Clam Lake	Navigable throughout
Crooked Lake	Navigable throughout
Crooked River	Navigable throughout
Elk Lake	Navigable throughout
Indian River	Navigable throughout
Intermediate Lake	With connecting waters to the east arm of Grand Traverse Bay, including Bellaire Lake, Clam Lake, Torch Lake, Round Lake, and Elk Lake
Kent Lake	Navigable throughout
Lake Charlevoix	Navigable throughout
Lake Huron	Navigable throughout
Lake Michigan	Navigable throughout
Lake Superior	Navigable throughout
Leelanau River	Dam 400 feet above mouth
Little Lake	Navigable throughout
Manistique River	Upper end of lumber slips at Manistique, 3/4 mile above mouth
Mullett Lake	Navigable throughout
Pine River	Bridge, 1/2 mile above mouth
Arenac County	Upper end of both Arms, Charlevoix Lake, 15 miles above mouth
Pine River	Navigable throughout
Charlevoix County	Navigable throughout
Round Lake	Lower falls, about 16 miles above mouth
St. Mary's River	Dam near upper city limits of Alpena
Tahquamenon River	Upper city limits of Midland
Thunder Bay	D.S.S. & A.R.R. bridge, 3/4 mile above mouth
Tittabawassee River	
Waiska River	

Within EPA Eastern District Office Ohio Area

The following tabulation designates the Coast Guard District Nine OSC areas of responsibility for the Ohio portion of Lake Erie:

Toledo COTP

Lake Erie from Toledo east to Vermilion River:

Cleveland COTP

Lake Erie from Vermilion River eastward to the Ashtabula-Lake County line.

Black River

The lower three miles to the south end of the turning basin at the National Tube Division of U.S. Steel Corporation.

Cuyahoga River

The lower 5.8 miles to a line at the Norfolk and Western Railroad bridge between Jones and Laughlin and Republic Steel mills.

Grand River

The lower 1.7 miles of the river to a line at the Baltimore and Ohio Railroad swing bridge.

Buffalo COTP

Lake Erie from the Ashtabula-Lake County line to the Ohio-Pennsylvania state line.

Ashtabula River

The lower 9,300 feet to a line over the river at East 23rd Street.

Conneaut River

The lower 3,400 feet to a line at the Bessemer and Lake Erie Railroad swing bridge crossing the river at the Pittsburgh and Conneaut Dock Company.

1410 Corps of Engineers North Central Division OSC Areas

The U.S. Army Corps of Engineers North Central Division are On-Scene Coordinators within the approaching guide walls and chamber of a lock structure. The Corps will provide assistance to the OSC at other points with whatever resources they have available in the area.

1411 Corps of Engineers Lower Mississippi Valley Division OSC Areas

The U.S. Army Corps of Engineers Lower Mississippi Valley Division, St. Louis District, are On-Scene Coordinators within the limits of the upper and lower approach points of each navigation structure. The Corps will provide assistance to the OSC at other points with whatever resources they have available in the area.

1412 Corps of Engineers Ohio River Division OSC Areas

The U.S. Army Corps of Engineers Ohio River Division are On-Scene Coordinators within the limits of the upper and lower approach points of each navigation structure. The Corps will provide assistance to the OSC, when requested, at other points with whatever resources they have available in the area.

1413 U.S. Fish & Wildlife Service, North Central Region OSC Areas

The U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, North Central Region, are designated OSCs for national wildlife and fish hatchery refuges and immediately adjacent areas thereof. The Fish and Wildlife Service has defined critical areas in Region 5 which require special protection and this information is available to spill response agencies.

1414 Environmental Protection Agency Region 3 OSC Boundaries

By agreement on September 7, 1977, among representatives of Regions 3 and 5, Region 3 spill response personnel will respond to spills in the main stem of the Ohio River from the Ohio-Pennsylvania boundary, mile 40.1, to the Kentucky-West Virginia boundary, mile 317.2. All spills to the Ohio River in the above-named stretch emanating from point sources in West Virginia will be handled by Region 3 personnel; those from point sources in Region 5 within 10 miles of the river will be handled by the USCG District Two personnel.

In the event that a Regional Response Team would have to be called out, USCG District Two would be involved along the entire stretch of the Ohio River.

1415 Environmental Protection Agency Region 4 Boundaries

By agreement reached by the Regional Administrators of Region 4 and 5, spill response personnel of Region 4 will respond in an OSC capacity to spills of oil and hazardous substances in the main stem of the Ohio River from the Kentucky-West Virginia boundary, mile 317.2, to its junction with the Mississippi River, mile 981.2. Spill to the Ohio River in the above-named stretch emanating from shoreline point sources in Kentucky will be handled by personnel of Region 4; those spills from shoreline point sources in Ohio, Indiana, and Illinois will be handled by personnel of USCG District Two. Region 4 will have the responsibility for assuring notification of downstream water users, including coordination with ORSANCO, when the spill is on the south shoreline, or in the main stem of the Ohio River; USCG District Two under agreement with Region 5 will have a like responsibility for assuring notification of downstream water users, including coordination with ORSANCO, when the spill is on the north shoreline of the river.

Region 4 and USCG District Two will enter into an agreement which will replace the earlier agreement which existed between Region 5 and USCG District Two regarding responsibility on the Ohio River on situations not otherwise covered in the paragraph above.

1426 Environmental Protection Agency Region 7 OSC Boundaries

By agreement on September 7, 1977, among representatives of Regions 5 and 7, Region 7 spill response personnel will respond to spills in the main stem of the Mississippi River between Cairo, IL, mile 0.0, and Keokuk, IA, Lock and Dam 19, mile 364.5; USCG District Two personnel will respond to spills in the main stem of the Mississippi River northward from Keokuk, IA, mile 364.5. All spills to the Mississippi River from point sources in Region 5 within 10 miles of the river will be handled by the USCG District Two personnel.

In the event that a Regional Response Team would have to be called out, USCG District Two would be involved along the entire stretch of the Mississippi River, mile 0.0 northward to Latitude 46°20'. Northward from Latitude 46°20', the Mississippi River lies in USCG District Nine territory.

1417 Environmental Protection Agency Region 8 OSC Boundaries

By agreement on September 7, 1977, among representatives of Regions 5 and 8, Region 5 spill response personnel will respond to spills in the main stem of the Red River of the North from its origin in Lake Traverse near Browns Valley, MN, to the Canadian border. All spills to the Red River of the North in the above-named stretch emanating from point sources in North Dakota and South Dakota will be handled by Region 8 personnel; those from point sources in Minnesota will be handled by Region 5 personnel.

South of the Browns Valley area, the boundary between South Dakota and Minnesota involves the headwaters of the Minnesota River flowing southward. Region 5 spill response personnel will respond to spills in the main stem of the Little Minnesota River and Big Stone Lake southward to Ortonville, MN. All spills to the above-named headwaters of the Minnesota River emanating from point sources in South Dakota will be handled by Region 8 personnel; those from point sources in Minnesota will be handled by Region 5 personnel.

The middle of the Red River of the North northward from Latitude 46°20' (near Breckenridge, MN) is the dividing line between USCG District Nine to the east and USCG District Two to the west. Southward from Latitude 46°20', the Red River of the North and the headwaters of the Minnesota River are entirely within USCG District Two territory. In the event that a Regional Response Team would have to be called out, the above-mentioned USCG territorial boundaries would apply.

Region 8 will provide communications as necessary with the Canadian Province of Manitoba on all spills occurring in waters flowing into Canada including those emanating from Region 5.

Spills from an unknown source will be treated as main stem spills until the source is identified.

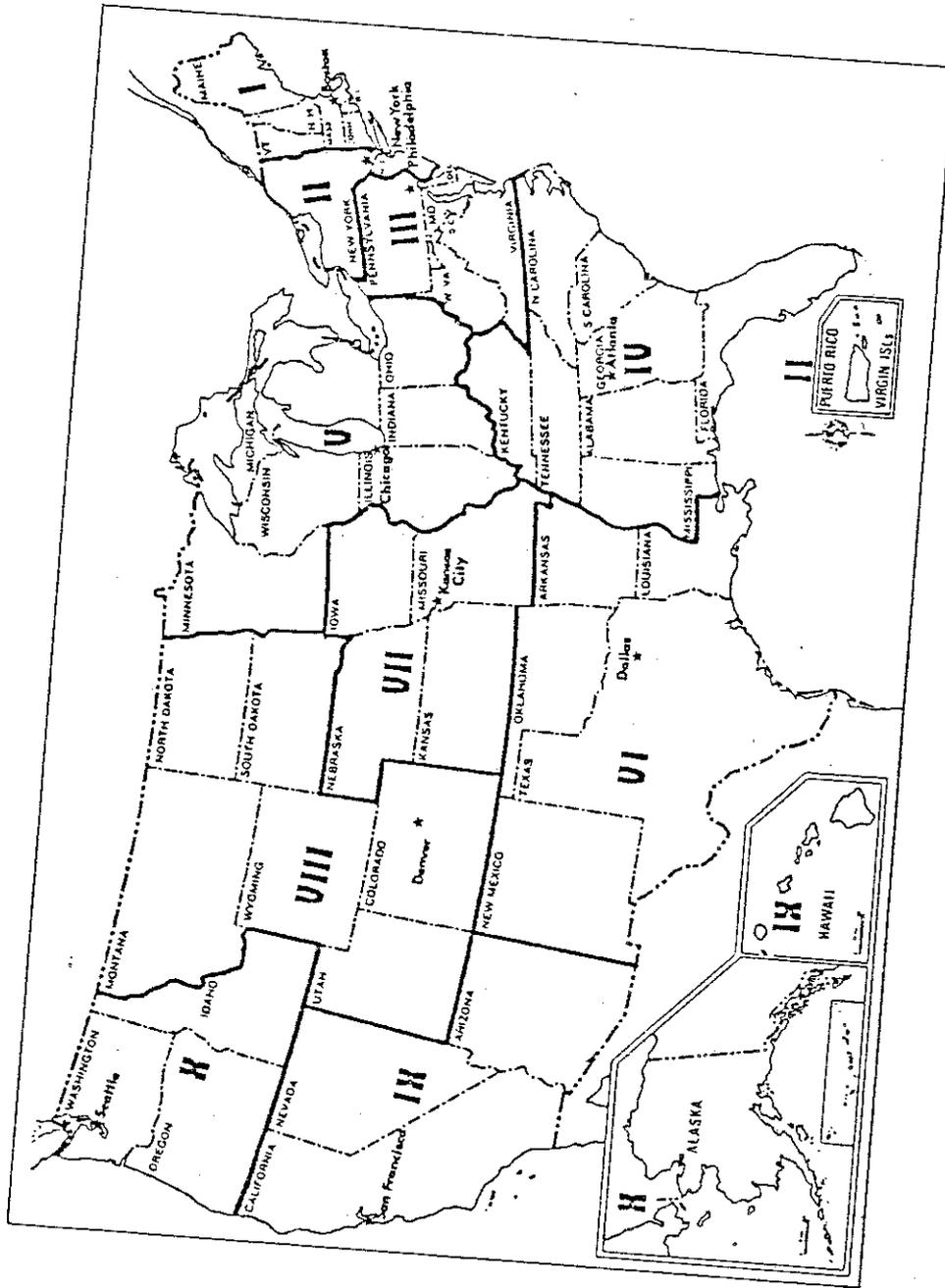


Figure A-IV-1 U.S. ENVIRONMENTAL PROTECTION AGENCY
REGIONAL OFFICES

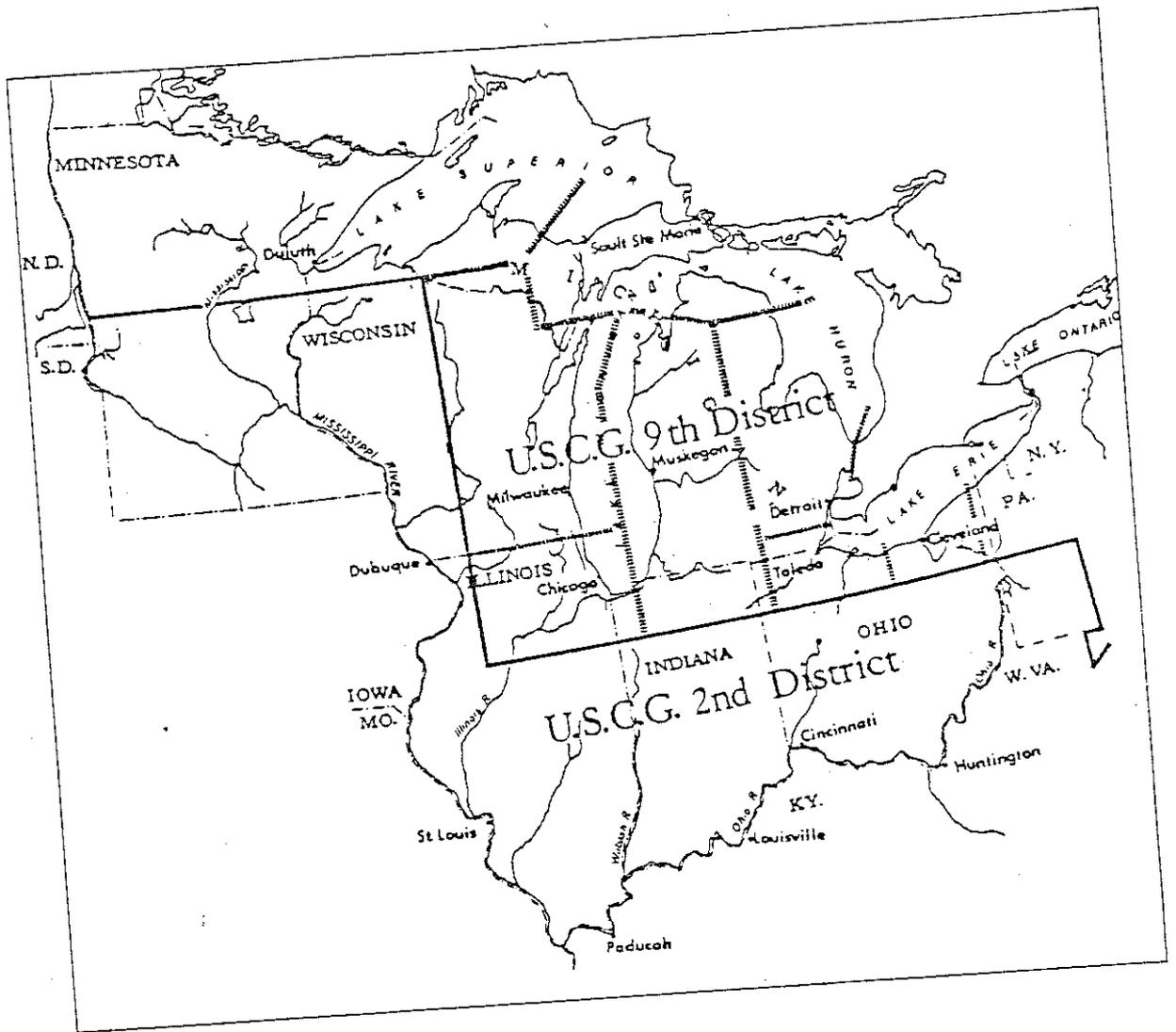


Figure A-IV-3 U.S. COAST GUARD COPT CENTERS OF EPA REGION 5

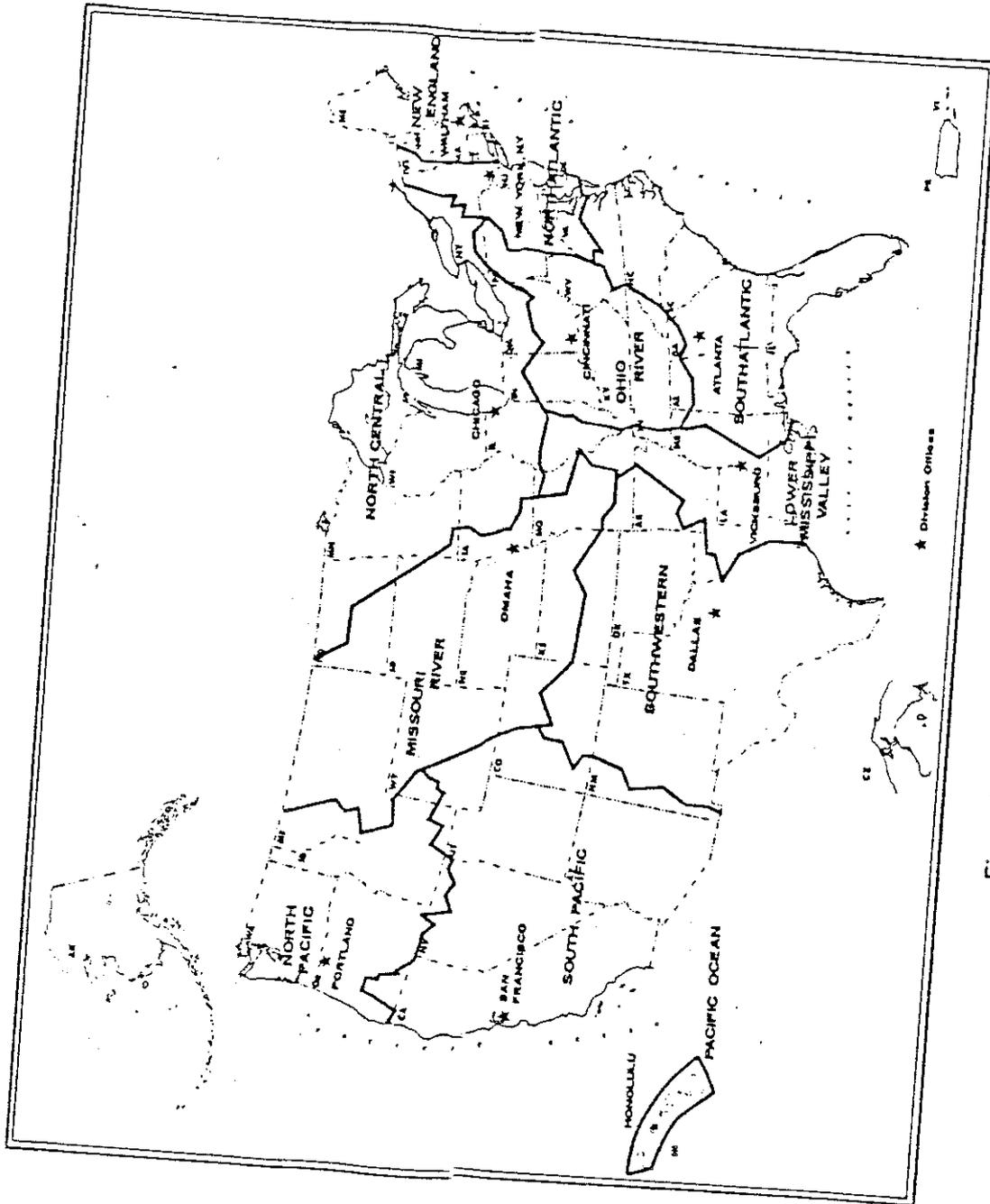


Figure A-IV-4 CORPS OF ENGINEERS

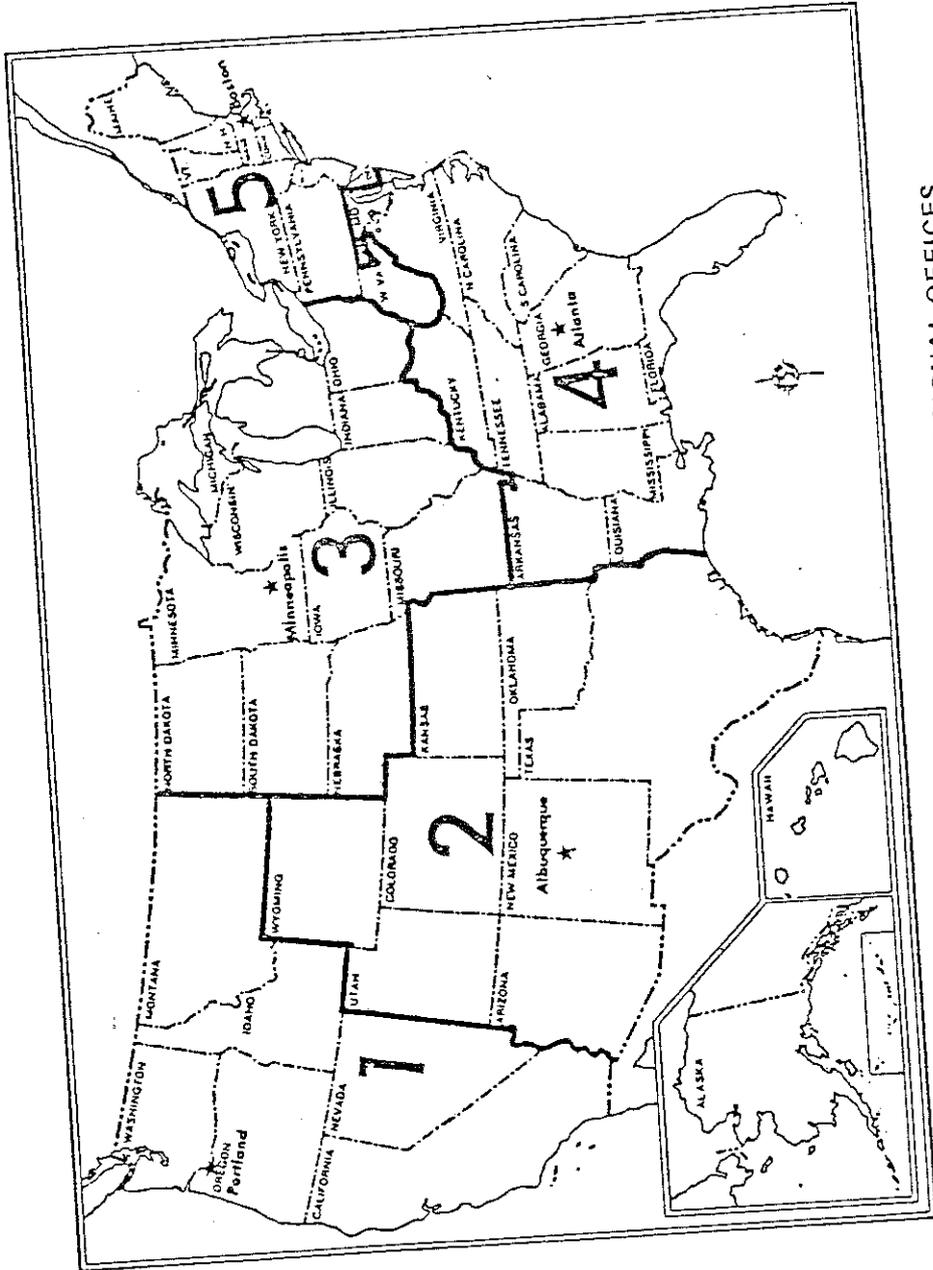


Figure A-IV-5 FISH & WILDLIFE SERVICE REGIONAL OFFICES
U.S. DEPARTMENT OF THE INTERIOR

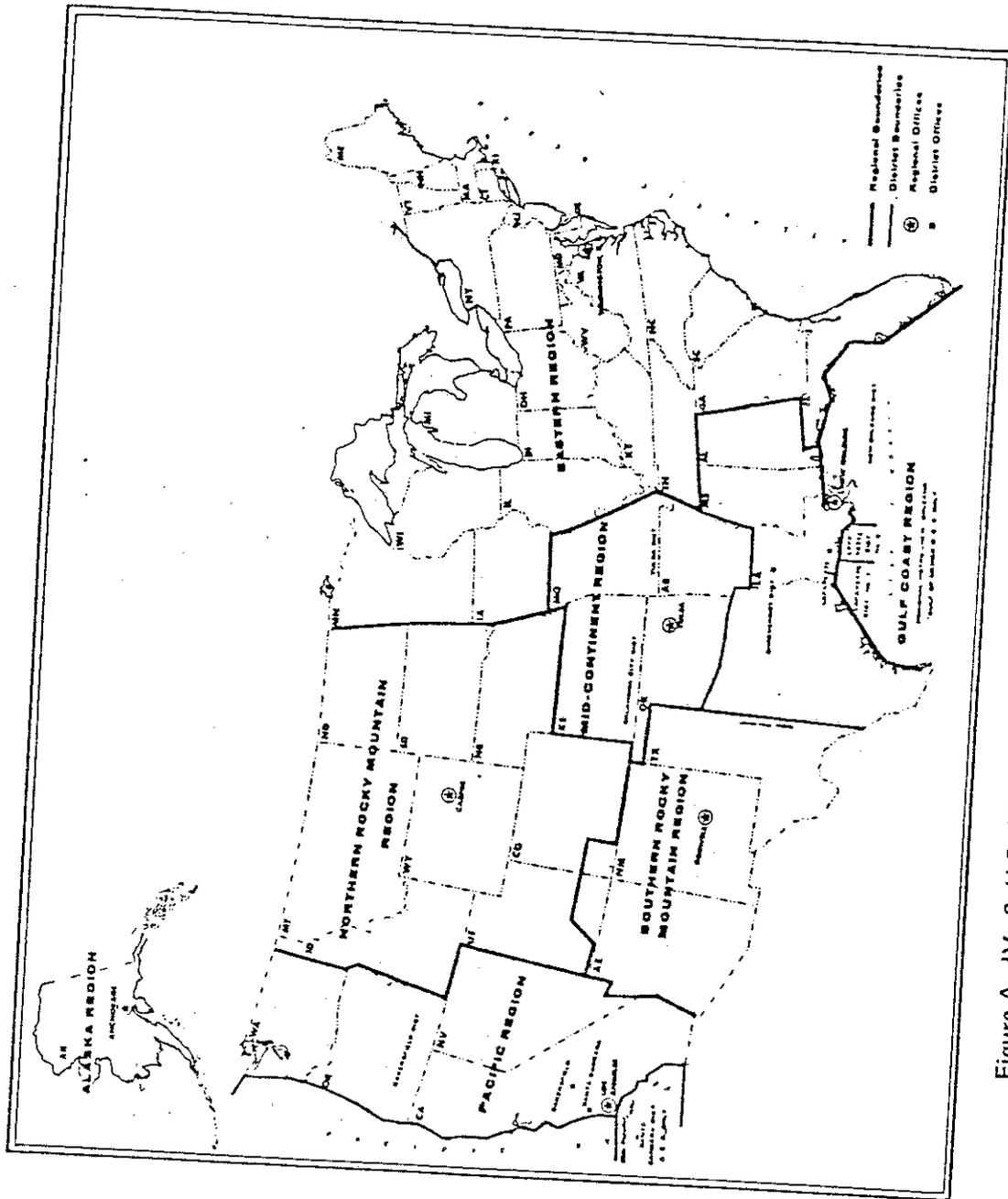


Figure A-IV-6 U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION
BRANCH OF OIL AND GAS OPERATIONS

ANNEX V
1500 NOTIFICATION

1501 General

1501.1 The requirements for notification and reporting of spillage are dependent on the degree of severity of the occurrence. There are a number of factors that must be taken into account when determining the severity, including the reliability of the reporting source, the location, the quantity and type of material, and the proximity and nature of adjoining critical water use areas. Considering the degree of severity, the discharge should be classified as either a minor, medium, or major discharge. This initial classification will be used to determine notification procedures until the degree of severity can be confirmed.

1502 Notification Requirements

1502.1 Initial notification would be accomplished by telephone or teletype message. Messages should be in the POLREP format. Normally the agencies receiving initial notification would receive subsequent POLREPs pertaining to the case.

1502.2 Minor Spills. The OSC should report all minor spills to the Regional Response Center or the Subregional Response Center as appropriate. This may be accomplished by a teletype report titled POLREP ONE AND FINAL. Transmittal of minor spill reports will be made on a periodic basis to the Oil and Special Materials Control Division Headquarters in Washington, DC. If local government cleanup action is required, cognizant officials should be notified.

1502.3 Medium spills. The OSC should report all medium spills to the Regional Response Center and the Subregional Response Center. This should be accomplished as soon as practicable by teletype message or telephone. Transmittal of medium spills reports should be made on a continuing basis to the Oil and Special Materials Coastal Division Headquarters. Further notification will be accomplished by the EPA Regional Response Center as indicated by the situation.

1502.4 Major spills. The OSC should immediately report all major or potential major spills to the Regional Response Center and the Subregional Response Center. This should be accomplished immediately by telephone and verified by teletype message. The RRC should immediately notify the EPA Regional Administrator and the RRT. Transmittal of major spill reports should be made on a continuing basis to the Oil and Special Materials Control Division Headquarters by teletype message.

1503 National Level Telephonic Notification

1503.1 During working hours and after hours and on weekends and holidays, the NRC can be notified by contacting the Duty Officer, U.S. Coast Guard Headquarters, Washington, DC on 800-424-8802. Telephone notification received by the NRC will be evaluated by the Coast Guard member of the NRT. Notification of the remainder of the NRT will be considered when appropriate. Message reports to the NRT will be addressed as indicated in section 1514.2.

1504. Regional Response Team Notification

1504.1 Telephonic notification of all reports of a major or potential major spill and all pollution incidents received by the RRC will be evaluated by the EPA member of the RRT. Notification of the remainder of the RRT will be formally accomplished by the EPA member of the RRT if considered appropriate. However, individual agencies may elect to notify their respective RRT representatives through in-house communications channels upon learning of the details of the spill through the normal alerting procedures for the region. Any member of the RRT may activate the RRT upon examination of the spill details. Members may

elect to assemble at the RRC, the site of the spill or any other mutually agreeable location. Telephone contact numbers of the RRT are included in Annex II.

1504.2 The RRT consists of representatives of the participating agencies and state and local government, as appropriate. For administrative purposes, the representative of the EPA will act as Chairman and the representative of the Coast Guard will act as Executive Secretary. On spill incidents occurring in Coast Guard OSC territory, the RRT would be chaired by a Coast Guard representative; on incidents in EPA territory, the RRT would be chaired by an EPA representative. Agency membership and access information are detailed in Annex II. Where an agency has more than one member listed on the RRT, the location and circumstances of a discharge will determine which member is activated. As appropriate, additional persons may be asked to work with the RRT in an advisory or consultative capacity. An RRT member should use, if appropriate, the advice and counsel of other persons from his own agency and other federal, state, local, and private agencies.

1504.3 The planning and preparedness functions of the team are outlined in section 304.6 .

1504.4 Response functions would be performed anytime the team is activated. The degree of response and therefore the extent of the RRT activity would depend on the particular situation. Specific functions of the RRT are outlined in section 304.9&10

1504.5 The RRC is the Regional Headquarters site for activities relative to pollution control emergency situations. The RRC is located at the Environmental Protection Agency Region 5 office, 536 S. Clark Street, Chicago, IL, 60605.

1504.6 The RRC will provide communications facilities, access to charts, technical publications, computer storage and retrieval, and other necessary physical facilities.

1505 Coordinated Response

1505.1 For spill incidents which exceed the capabilities of the region or transect the regional boundaries, communications will be established and maintained with the National Response Center (NRC) and appropriate RRC of the region which may be affected by an incident in Region 5. The 24-hour contact phone numbers of the NRC and RRCs bordering Region 5 are included in Annex II.

1506 General Alerting Procedure

1506.1 The predesignated OSCs will be notified through the general alerting procedure for Region 5. This procedure is graphically illustrated in Figure A-V-1. All spills should be immediately reported to the U.S. Coast Guard (either the appropriate Captain of the Port or District Communication Centers in St. Louis or Cleveland). If the District Communication Center is called first, the Center will notify the appropriate COTP. The Coast Guard COTP will notify immediate water users in the probable path of the pollutant and the appropriate EPA office. Since the EPA District, Corps District, and Coast Guard COTP offices are predesignated OSCs for specific aquatic areas of the region, these offices will notify their respective predesignated OSCs upon notification through the general alerting procedure. Additionally, the EPA District Office will notify the U.S. Fish and Wildlife Service predesignated OSC in the event that a spill is a potential threat to a wildlife refuge. The other participating agencies will be notified as necessary.

1506.2 The EPA District Office will alert the state and, where appropriate, the Canadian pollution control agency, the EPA regional office and, if warranted, appropriate federal agencies such as the National Weather Service. State water pollution control agencies will notify other appropriate state departments, such as Public Health, so that public water supply installations, known industrial water users, and local communities will be made aware of the situation. State field offices will be notified for on-site investigations.

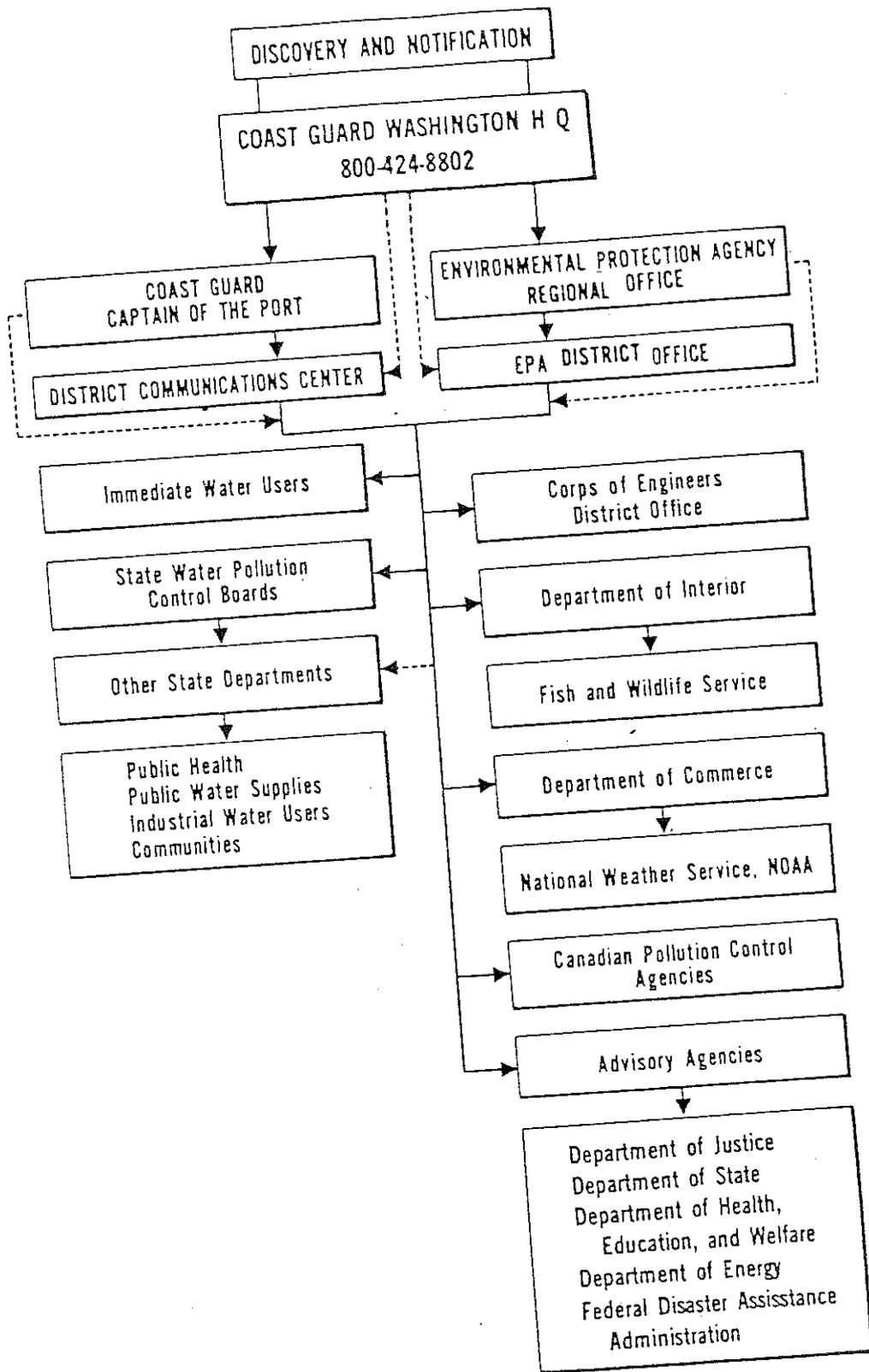


Figure A-V-1 GENERAL ALERTING PROCEDURE

1506.3 The Corps of Engineers District Offices should notify lock and dam personnel, if appropriate, of the pollution incident. Observations by these people may be helpful in spotting and tracing the location of pollutants as they move downstream. The Division Office should also be notified.

1507 Alerting System Telephone Contacts

1507.1 A telephone alert system, which is operational on a 24-hour basis, has been established to notify officials of various agencies in the event of a spill in Region 5. Efforts to contact each agency noted in the plan will be continued until contact is established.

1508 Pollution Report Requirements

1508.1 Timely information on a spill including the situation and response activities is essential to the proper evaluation of the case. This information should be submitted in the POLREP format. The POLREP format is contained in Annex V, section 1515.

1508.2 Minor spills would normally be reported by the OSC in POLREP ONE AND FINAL. See section 1502.2.

1508.2 The OSC should submit timely POLREPs to the RRC on all moderate and major spills. The RRC is responsible for keeping the RRT advised. The RRT shall submit timely POLREPs to the NRT on major spills. This may be accomplished by double heading the OSC's POLREPs or by originating POLREPs by the RRT or a member of the team.

1509 Administrative Report Requirements

1509.1 At the conclusion of federal activity resulting from a pollution incident, any OSC involved will, pursuant to applicable instructions of his own agency, submit an administrative report of the incident and the actions taken. Copies will be furnished to the NRT or RRT, as appropriate, together with any other information available to the forwarding group. The NRT will then evaluate each incident and will make appropriate recommendations.

1509.2 In addition to the report required for pollution incidents, any spill which indicates a need for amendment to the plans, introduces new control techniques, or is otherwise of widespread interest, should be documented and reported to the RRT and/or NRT as appropriate.

1509.3 The primary purpose of these reports is the evaluation of control techniques and federal response activities. Lengthy narrative is not required for an understanding of the problems, and recommendations need not be included. Sufficient descriptive information should, however, be included to permit full evaluation of the report.

1510 Communication and Reports - Purpose

1510.1 The communications concerning an oil or hazardous substance discharge are an integral and significant part of the operations. The same precepts govern in these instances as do other operations in which the USCG, EPA, and other operating agencies are involved.

1511 Objectives

1511.1 The objectives of the communications and reports are:

- (1) To speed the flow of information pertaining to pollution discharge;
- (2) To relay advice, instructions, and reports pertaining to pollution discharge; and
- (3) To provide for alerting, notification, surveillance, and warning of a pollution discharge.

1512 Communications Procedures

1512.1 Normal communications circuits of each primary agency may be used to effect this plan. The national and district or regional offices and telephone numbers of primary alerting and notification offices of interested agencies will be maintained in RRC.

1512.2 The initial reporting of a pollution incident will be in accordance with the information and format as described hereinafter.

1512.3 POLREPS on major discharges shall be submitted by RRT to NRT in a timely manner as developments occur and at 0800 and 2000 local time on each day of the operation.

1513 Pollution Reports

1513.1 Within 60 days after the conclusion of federal removal action resulting from a major pollution discharge, the OSC shall submit a complete report of the response operation and the actions taken. Copies will be furnished to the NRT or RRT, as appropriate, together with any other pertinent information available to the forwarding group. The NRT will evaluate each situation and make appropriate recommendations.

1513.2 The report required by 1504.1 above shall include:

- (1) Description of the cause and initial situation.
- (2) Organization of response action and resources committed.
- (3) Effectiveness of response and removal actions by:
 - (a) The discharger,
 - (b) State and local forces,
 - (c) Federal agencies and special forces.
- (4) Unique problems encountered.
- (5) Recommendations on:
 - (a) Means to prevent reoccurrence,
 - (b) Improvement of response actions,
 - (c) Changes in National or Regional Contingency Plans.

1514 Message Addressees

1514.1 Messages intended for the National Response Center should be addressed to the Commandant, U.S. Coast Guard.

1514.2 Messages intended for the National Response Team should be addressed for action to the Commandant, U.S. Coast Guard, via one of the following services:

TWX: 710-822-1959 CG DOT WSH
Telex: 892427 COAST GUARD WSH
Telephone: 8-426-1830 (FTS)
202-426-1830 (Com)
800-424-8802 (Com)

Information addressees include:

Department of Transportation, Washington, DC
Environmental Protection Agency, Washington, DC
Department of Defense, Washington, DC
Department of Interior, Washington, DC
Department of Commerce, Washington, DC

1514.3 Messages intended for the Regional Response Team should be addressed to the Regional Administrator, Environmental Protection Agency, Region 5, 536 S. Clark Street, Chicago, IL, 60605, for action.
Information addressees include:

U.S. Coast Guard
Ninth District Headquarters, Cleveland, OH

U.S. Coast Guard
Second District Headquarters, St. Louis, MO

U.S. Army Corps of Engineers
North Central Division, Chicago, IL

U.S. Army Corps of Engineers
Lower Mississippi Valley Division, Vicksburg, MS

U.S. Army Corps of Engineers
Ohio River Division, Cincinnati, OH

U.S. Fish and Wildlife Service
North Central Division, Minneapolis, MN

National Weather Service Office
Region 5, Chicago, IL

1515 POLREP Format

1515.1 General Format. All messages pertaining to a spill should be in the situation report (POLREP) format. This POLREP format consists of five basic sections including the pollution, action, plans, recommendation, and status.

1515.2 Pollution. The pollution section should provide the full details on the spill including location, what happened, type and quantity of material, who is involved, extent of coverage, times, areas threatened, predicted movement, success of control efforts, and prognosis.

The type of material would include the general nature or characteristic such as persistent or nonpersistent oil, toxic material, or corrosive matter. If known, type would also include the specific nature of the material, i.e., gasoline, benzene, sodium cyanide, or sulfuric acid.

1515.3 Action. The action section should include a summary of all actions taken by the responsible party, state and local forces, the federal government, or by others.

1515.4 Plans. The plans section should include all planned action by the responsible party, state and local forces, the federal government, and any others.

1515.5 Recommendations. Any recommendations that the OSC has pertaining to the response should be included in this section.

1515.6 Status. The status section would indicate case closed, case pends, or federal participation terminated, as appropriate.

1515.7 General Instructions. The minimum information that should be included in a POLREP ONE AND FINAL includes specific location, spill size, specific nature (if unknown, general nature), source, and general location.

The initial POLREP for medium and major spills should be sent as soon as possible and should include as much of the information concerning the case as is immediately available. Transmission of the POLREP should not be delayed to obtain information not immediately available. Such information should be included in subsequent POLREPS.

1516 EPA Communications System. EPA Region 5 has available the following communications capabilities:

(1) TELEPHONE

- (a) FTS-GSA operated governmental telephone system.
- (b) Private telephone system.
- (c) 24-hour response service is available at the regional office. Assigned members of the Environmental Emergency Section are on 24 hour alert status.

(2) TELETYPE

- (a) TWX-teletypewriter exchange service linking CONUS industry and government offices.
- (b) TWX-service fully operational in the regional office and district offices.

1517 Ninth District Coast Guard Communications System. The ninth Coast Guard District Office in Cleveland has available the following communications capabilities:

(1) TELETYPE

(a) TELEX: 980145 USCG CLV

(b) AUTODIN

(c) Private-line teletype

o District Net connecting District Office, Group Commanders and Air Stations.

o Various Group Nets connecting Group Offices with respective Group Units (can be bridged to District Office Circuit).

(2) RADIO TELEPHONE

- District Office, Group Offices, Ships, Aircraft, Boats, and Shore Stations are equipped for compatible radio telephone intercommunications. Equipment generally consists of AM transceiver and VHF-FM transceivers.

1518 Second District Coast Guard Communications System. The Second Coast Guard District Office in St. Louis has available the following communications capabilities:

(1) TELEPHONE SERVICE

FTS-GSA operated governmental telephone system integrated with private telephone system.

(2) TELETYPE COMMUNICATIONS

- (a) TWX-teletype service, number 910-761-1168
- (b) TWPL 100 wpm circuit to CG group offices in Leavenworth, KS, Owensboro, KY, Memphis, TN, Keokuk, IA, Paris Landing, IN, and St. Louis, MO.
- (c) AUTODIN via ASC Gentile AFT (covered circuit). Routing indicator RUCIHLA.

ANNEX VI
1600 PUBLIC INFORMATION

1601 When a major pollution event occurs, it is imperative to give the public prompt, accurate information on the nature of the discharge and actions underway to mitigate the damage. Prompt disclosure of the facts helps to encourage cooperation by interested parties and to check the spread of misinformation. National and regional administration policy and the Freedom of Information Act both call for maximum disclosure of information.

1602 During pollution discharge incidents of special public interest, the OSC may request the assistance of a representative from the EPA Region 5 Office of Public Awareness.

1603 When the Inland RRT is activated, a regional news office will be established which will be the single source of official information on a pollution incident. The office will be staffed through the EPA Region 5 Office of Public Awareness. Any participating agency may, by request to the RRT, place a representative on the staff of the news office. The OSC shall determine location of the regional news office, but every effort should be made to locate it near the scene of the pollution incident.

1603.1 Details of regional news office functions are outlined in 1510.37 (c) of the National Plan.

1604 During a major pollution incident or threatened incident, the OSC or the Regional News Office may obtain help from a USCG Public Information Assistance Team (PIAT) consisting of members trained in journalism, public relations, and photography. Team members are also familiar with pollution response techniques and equipment, and the laws and regulations pertaining to pollution incidents. The PIAT, housed at USCG Headquarters, can be requested through the NRC.

ANNEX VII
1700 LEGAL AUTHORITIES

1700 Legal Authorities

1700.1 Federal statutes relative to control of pollution by oil and hazardous substances are administered by several departments and agencies. The following is a tabular summary of the most important of these authorities:

STATUTE AND AGENCY(IES)

- 1711 Federal Water Pollution Control Act, as amended (33 USC 1251, et seq.), EPA, USCG, CORPS, Justice
- 1712 Safe Drinking Water Act amendment to the Public Health Service Act (42 USC 201); EPA
- 1713 Refuse Act of 1899 (33 USC 407;411); CORPS, USCG, Customs, Justice
- 1714 Toxic Substances Control Act, 1976 (42 USC 2601); EPA
- 1715 Resources Conservation and Recovery Act of 1976 (42 USC 6901); EPA
- 1716 Marine Protection, Research and Sanctuaries Act of 1976 (33 USC 1401 et seq.); EPA, USCG, NOAA, CORPS
- 1717 Hazardous Materials Transportation Act of 1974 (49 USC 1801 et seq.); DOT
- 1718 Ports and Waterways Safety Act as amended (33 USC 1221 et seq.); USCG
- 1719 Federal Insecticide, Fungicide and Rodenticide Act of 1972 (7 USC 121 et seq.); EPA

- 1720 Deepwater Port Act of 1974 (33 USC 1501 et seq.); DOT, DOI
- 1721 Outer Continental Shelf Lands Act, as amended (43 USC 1331); DOI, DOT
- 1722 Oil Pollution Act of 1961, as amended (33 USC 1001-1001.5); USCG, Customs, CORPS, State
- 1723 Endangered Species Act of 1973, as amended (16 USC 1531): FWS, NOAA
- 1724 Intervention on the High Seas Act (33 USC 1471-1487); USCG
- 1730 Related federal statues, not specific to oil and hazardous substances pollution control, but, nonetheless, applicable to discharge prevention and cleanup in certain cases are:
- 1731 Disaster Relief Act of 1974; FEMA, all federal agencies
- 1732 U.S. Navy Ship Salvage Authority; U.S. Navy
- 1733 The Migratory Bird Treaty Act (16 USC 701-718); FWS
- 1740 Important International Conventions and Agreements relative to oil and hazardous substances pollution control and liability are:
- 1741 International Convention for the Prevention of Pollution of the Sea by Oil, 1954, and amendments
- 1742 Convention on the Territorial Sea and the Contiguous Zone
- 1743 Convention between the Government of the United States and the Government of Japan for the Protection of Migratory Birds in Danger of Extinction, and Their Environment
- 1744 Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter

ANNEX VIII
1800 DOCUMENTATION FOR ENFORCEMENT AND COST RECOVERY

1801 Introduction

1801.1 The OSC in charge at the scene of a discharge may be from any one of several agencies; it is necessary, therefore, to establish uniform procedures for notification of counsel and collection of samples and information consistent with the several phases in federal response situations. Necessary information and sample collection must be performed at the proper times during the federal involvement in a spill for the purpose of later use in identifying the party responsible for removal cost recovery. Time is of great importance since wind, tide, and current may disperse or remove the evidence and witnesses may no longer be available. Thus, during the response phases, the OSC must take the necessary action to ensure that information, records, and samples adequate for legal and research purposes are obtained and safeguarded for future use. Additional guidance can be found in EPA's "Field Detection and Damage Assessment Handbook."

1802 Notification of Counsel

1802.1 Immediately upon notification that a discharge has occurred which requires RRT participation, the RRT members shall notify their respective regional attorneys by the most expeditious means.

1802.2 Coordination of appropriate counsel will be effected by counsel of the department responsible for furnishing the OSC. Coordination will be for joint and several actions concerning legal matters regarding the operation of the Plan and for advising the owner or operator that a determination has been made under subsection 311 (c)(1) of the Act that removal is not being properly accomplished.

1802.3 The information and reports obtained by the OSC are to be transmitted to the RRC. Copies will then be forwarded to members of the RRT, and others, as appropriate. The representative of the Agency on the RRT having cost recovery authority will then refer copies of the pollution reports to his respective agency counsel.

1803 Legal Notice to Suspected Discharger

1803.1 The owner, operator, or other appropriate responsible person shall be notified of federal interest and potential action in a pollution discharge by the agency furnishing the OSC. This notice shall include advice of the owner or operator's liability for proper removal of the discharge in accordance with section 311 (f) of the Act; the need to perform removal in accordance with existing federal and state statutes and regulations, and this Plan; and identification of the OSC.

1804 Sample Collection Procedures to be Followed by OSC

1804.1 Several precautions must be observed when taking and handling liquid samples for analyses as the character of the sample may be affected by a number of common conditions. These precautions concern the following: a) the composition of the container, b) cleanliness of the container, and c) manner in which the sample is taken.

1804.2 In taking such samples, the following procedures are to be followed in all cases:

- (1) Glass or other appropriate containers of suitable size shall be used. The portion of the closure (sealing gasket or cap liner) which may come into contact with the sample in the container is of considerable importance. When oil or petroleum hydrocarbons are to be sampled, the closure should be made of glass, aluminum foil, or teflon. Other pollutants may require different or special closure material and the analysis laboratory should be consulted whenever a question arises as to the appropriateness of any closure material.

- (2) Previously unused containers are preferred. Containers that have been cleaned with a strong detergent, thoroughly rinsed, and dried may be used.
- (3) Some explanatory notes covering the above procedures are as follows: a) glass containers always must be used because plastic containers, with the exception of teflon, have been found in some cases to absorb organic materials from water and, in other cases, compounds have been dissolved from plastic containers; b) as it is desirable to take a large sample of the pollutant, proper skimming techniques should be used to obtain a sufficient amount of oil for analysis; and c) since it is not unusual for a pollution condition to change rapidly, samples should be taken promptly, and the time sequences and places noted. Samples must be properly labeled.
- (4) Consult with the analysis laboratory personnel relative to special samples and unusual problems.
- (5) Samples collected are to be transmitted for analysis, using special courier or registered mail (return receipt requested) and observing the procedures outlined below. Reports of laboratory analysis will be forwarded to the appropriate RRT for transmittal to counsel.

1805 Photographic Records

1805.1 Photographs should be taken to show the source and the extent of pollution, if possible, using both color and black and white film. The following information should be recorded on the back of each photographic print: a) name and location of vessel or facility; b) date and time the photo was taken; c) names of the photographer and witnesses; d) shutter speed and lens opening; and e) type of film used and details of film processing.

1806 Chain-of-Custody Record

1806.1 All samples and other tangible evidence must be maintained in proper custody until orders have been received from competent authority directing their disposition. Precautions should be taken to protect the samples from breakage, fire, altering, and tampering. It is important that a chain-of-custody of the samples be properly maintained and recorded from the time the samples are taken until ultimate use at the trial of the case. In this regard, a record of time, place, and the name and title of the person taking the sample, and each person handling same thereafter, must be maintained and forwarded with the sample. Form No. FWPCA 208 (7-68) may be used. For major spills, samples may be forwarded for analysis to the Central Regional Laboratory, EPA Region 5, 536 S. Clark, Chicago, Illinois 60615.

1807 Spill Pollution Report

1807.1 The appropriate information for each pollution spill should be obtained by the OSC and reported in the appropriate format established by the Division of Oil and Special Materials Control, Washington, DC. Statements of witnesses, photographs, analyses of samples, and related documentation will be retained by the OSC for possible use in enforcement actions. In all major spills, the pollution incident report should be completed and forwarded to the RRT Chairman.

ANNEX IX
1900 FUNDING - SUMMARY

1901 Agency Funding

1901.1 EPA Headquarters, through the Oil and Special Materials Control Division (OSMCD), can provide the EPA OSC with funds to insure timely Phase II (initiation of action) response procedures. Funding of Phases III and IV shall be determined on a case-by-case basis by the OSMCD.

1902 Pollution Revolving Fund

1902.1 The OSC is authorized to obligate limited funding of timely discharge removal actions prior to receiving a Pollution Fund account number for Phase III (containment and countermeasures) and Phase IV (cleanup, mitigation, and disposal) response procedures. The appropriate USCG District Comptroller should be notified as soon as possible through the RRC for assignment of an account number:

- (a) Commander
9th Coast Guard District
1240 East Ninth Street
Cleveland, Ohio 44199

Mr. Frank Roche
Contracting Officer
(216) 522-3973
(FTS) 293-3973

Capt. H.F. Norton Jr.
LCDR. Art Ruedisueli
(216) 522-3983
(FTS) 293-3982

(b) Commander
2nd Coast Guard District
1430 Olive Street
St. Louis, MO 63103

Mr. Dewey Barnett
Contracting Officer
(314) 425-4644
(FTS) 279-4644

Capt. Mathew Woods
CDR. G. T. Willis
(314) 425-4655
(FTS) 279-4655
Non-working Hours
(314) 425-4614

This request should be confirmed by teletype indicating the anticipated EPA costs subject to oil pollution fund reimbursement.

1902.2 Payments or Reimbursement from the Pollution Fund

1902.21 Reference: 40 CFR Part 153.407 (Federal Register, Vol. 41, p. 12633, March 25, 1976).

1902.22 The following costs incurred during performance of a Phase III or IV activity as authorized by the OSC are reimbursable to federal and state agencies:

- (a) Costs found reasonable by the USCG incurred by government industrial-type facilities, including charges for overhead in accordance with the agency's industrial accounting system.
- (b) Actual costs for which an agency is required or authorized by any law to obtain full reimbursement.

(c) Costs found to be reasonable by the USCG incurred as a result of removal activity that is not ordinarily funded by an agency's regular appropriations and that are not incurred during normal operations. These costs include but are not limited to the following:

Travel specifically requested of the agency by the OSC (per diem and transportation).

Overtime for civilian personnel specifically requested of the agency by the OSC.

Operating costs for vessels, aircraft, vehicles, and equipment incurred in connection with the removal activity.

Supplies, materials, and equipment procured for the specific removal activity and fully expended during the removal activity.

Rental of equipment

Contract costs

1902.23 The USCG may authorize direct payment of costs under paragraph 1902.22(c).

1902.24 The Fund is not available to any governmental entity for removal of a discharge originating from a vessel or facility it owns or operates.

1902.3 OSC Reports

1902.31 Reference: 40 CFR Part 153.415 (3-25-76)

1902.32 As soon as possible after completion of a removal action financed by the Pollution Fund, the OSC submits a report to the appropriate USCG District Office that must include:

- (a) Names of agencies and contractors authorized to participate in the action;
- (b) A general description of the function performed by each participating agency and contractor;
- (c) An estimate of the cost of each function performed by each participating agency and contractor; and
- (d) A copy of contracts, memoranda or other documents pertaining to the functions performed by the participating agencies and contractors.

1902.4 Reimbursement for Action Under 311(c) and (d) of the CWA

1902.41 Reference: 40 CFR Part 153.417.

1902.42 Each federal or state agency requesting reimbursement for a removal action must submit certain information to the appropriate USCG District Office, through the OSC for review and certification.

1902.5 State Reimbursement from the Pollution Fund

1902.51 Each state may predesignate OSC's and enter into agreement with U.S.C.G. districts for phase III & IV action and reimbursement from the Pollution fund. Memoranda of understanding between the States and EPA Region V should precede any action related to EPA's area of responsibility.

1902.52 The state OSC will function in a manner similar to the federal OSC.

1903 Obligation of Funds

1903.1 The OSC shall exert adequate control of removal operations so that he can certify that reimbursement from the fund is appropriate.

1904 Planning

1904.1 Agency Funding Policies for Emergency Resource Use

The federal agencies represented on the RRT have access to sufficient financial resources to provide immediate assistance as requested by the OSC during federal spill containment and cleanup operations, with later reimbursement from the Pollution Contingency Fund.

ANNEX X
2000 CLEANUP TECHNIQUES AND POLICIES

2001 Guidelines

2001.1 Use of chemicals and other additives to remove oil and hazardous substances is discussed in Annex X of the National Plan. EPA has accepted a limited number of chemical and biological agents which the OSC is authorized to consider for use under Annex X of the NCP. These agents are listed in Table A-X-1.

2001.2 Cleanup effectiveness is directly related to the time interval between occurrence of a spill and commencement of cleanup operations. The longer it takes to contain a spill, the costlier is the cleanup.

2001.3 The discharger should use to the maximum extent possible mechanical methods and sorbents for the most effective and expeditious control and removal of oil and hazardous substances.

2001.4 "Mechanical removal" means the use of pumps, skimmers, booms, earth-moving equipment, and other mechanical devices to contain the discharged oil or hazardous substance and to recover the discharged materials from the water and/or adjoining shorelines.

2001.5 The removal of certain hazardous substances may be achieved using an EPA mobile water treatment system - Emergency Environmental

Response Unit (EERU). Requests are directed through the RRC to EPA Headquarters, Oil and Special Materials Control Division.

2001.6 "Sorbent" means materials essentially inert and insoluble used to remove oil and hazardous substances from water through a variety of sorption mechanisms. Examples include: straw, expanded perlite, polyurethane foams, reclaimed paper fibers, and peat moss.

2001.7 The OSC is authorized to deny or require the use of specific mechanical methods and sorbents.

2001.8 Harmful effects of oil and hazardous substances deposited in marsh or swamp areas are difficult to mitigate by either physical removal or dispersion. Consequently, high priority should be given to the protection of these areas from contamination by means of containment booms and sorbent materials.

2001.9 Waterfowl and other wildlife must be protected from the effects of oil and hazardous substances. Defensive booms or barriers should be immediately implemented to protect wildlife.

2002 Disposal

2002.1 The preferred method for disposal of recovered oil is reclamation.

2002.2 If reclamation is not feasible, contaminated sorbent and oil-soaked debris should be incinerated if they are combustible. Such burning must be approved by state and local authorities. Burning in permanent municipal or industrial incinerators is preferred over burning in on-site temporary facilities. In all cases, the techniques used should be approved by the EPA Regional Administrator.

2002.3 The recovered oil may be considered for land application after the suitability of the site has been determined. Factors which

should be considered are: climatological conditions, surface water runoff patterns, site location, soil characteristics, and toxicity of the oil.

2002.4 With heavier oils, non-combustible sorbents or sorbents which emit noxious fumes upon burning, or when land application is not feasible, disposal by burying may be employed after prior permission of local and state authorities, utilizing techniques approved by the EPA Regional Administrator.

2002.5 The preferred method for disposal of recovered hazardous substances is reclamation.

2002.6 If reclamation is not feasible, disposal actions should be determined on a case-by-case basis through the RRC or RRT and state and local authorities.

TABLE A-X-1 EPA ACCEPTANCE LIST FOR CHEMICAL AND OTHER ADDITIVES

<u>Company</u>	<u>Name of Product</u>	<u>Chemical Agent</u>	<u>Date of Acceptance</u>
Shell Oil Company Two Shell Plaza P.O. Box 2105, Houston, TX	Oil Herder	Surface Collector	September 16, 1976
Natural Hydrocarbon Elimination Company 5400 Memorial Drive Suite 812, Houston, TX	NOSCUM	Biological Additive	September 16, 1976
Whale Chemical Company 58 Winant St. Staten Island, NY	Seamaster, NS-555	Dispersant	June 6, 1977
Ara Chem, Incorporated 808 Gable Way El Cajhon, CA	Gold Crew Dispersant	Dispersant	August 31, 1977
GFC Chemical Company, 2539 Old Okeechobee Rd. West Palm Beach, FL	Atlantic-Pacific Oil Dispersant	Dispersant	September 19, 1977
Adair Equipment Company, Incorporated P.O. Box 19333 Houston, TX	Cold Clean	Dispersant	October 7, 1977
BP North America, Incorporated 620 5th Avenue New York, NY	BP-1100X	Dispersant	October 20, 1977

* Note "Approved" for use, "accepted" indicates only that required technical data from the product manufacturer have been submitted to EPA and that the OSC may consider using products on the list.

TABLE A-X-1 EPA ACCEPTANCE LIST FOR CHEMICAL AND OTHER ADDITIVES

Pg-2

<u>Company</u>	<u>Name of Product</u>	<u>Chemical Agent</u>	<u>Date of Acceptance</u>
Exxon Chemical Company 1333 West Loop South Houston, TX	Corexit 9527	Dispersant	March 10, 1978
Continental Chemical Company 270 Clifton Blvd. Clifton, NJ 07015	Conco Dispersant K	Dispersant	April 25, 1978
BP North America Incorporated 620 5th Avenue New York, NY	BP-1100 WD	Dispersant	May 11, 1978
U.S. Navy Naval Ship Engineering Center, Wash., DC	Oil Spill Remover	Surface Collector	August 31, 1978
MI-DEE Products, Inc. P.O. Box 4815 Hayward, CA	Slik-A-Way	Dispersant	October 5, 1978
Exxon Chemical 1333 West Loop South Houston, TX	Corexit 7664	Dispersant	November 1, 1978

TABLE-A-X-1 EPA ACCEPTANCE LIST FOR CHEMICAL AND OTHER ADDITIVES

<u>Company</u>	<u>Name of Product</u>	<u>Chemical Agent</u>	<u>Date of Acceptance</u>
Exxon Chemical Company 1333 West Loop South Houston, TX	Corexit 8667	Dispersant	November 1, 1978
Exxon Chemical Company 1333 West Loop South Houston, TX	Corexit OC-5	Surface Collector	November 1, 1978
Biotechnika International, Inc. 7835 Greeley Blvd. Springfield, VA 22152	Petrodeg 100	Biological Additive	December 15, 1978
Proform Products Corp. 230 California Ave. Palo Alto, CA 94306	Proform-Pollution Control Agent	Dispersant	May 9, 1979
Drew Chemical Corp. One Drew Chemical Plaza Boonton, NJ 07005	Ameroid Oil Spill Dispersant/LT	Dispersant	May 11, 1979
PolyBac Corp. Suite 304 1251 S. Cedar Crest Blvd. Allentown, Pennsylvania 18103	Petro Bac R Pheno Bac R	Biological Additive (salt water) Biological Additive (fresh water)	July 23, 1979 July 23, 1979

TABLE A-X-1 EPA ACCEPTANCE LIST FOR CHEMICAL AND OTHER ADDITIVES

Pg-4

<u>Company</u>	<u>Name of Product</u>	<u>Chemical Agent</u>	<u>Date of Acceptance</u>
Arco Chemical Co. P.O. Box 370 Sand Springs, Oklahoma 74063	Arco Chem D-609	Dispersant	August 20, 1979
Aspra, Inc. 4401 23rd Ave. West Seattle, WA 98199	EC.0 Atlantol AT-7	Dispersant	November 13, 1979

ANNEX XI

2100 ARRANGEMENTS FOR PARTICIPATION OF NONFEDERAL GROUPS

2101 Policy

2101.1 The policy of the federal government is to initiate discharge removal operations when required and action is not being taken by the discharger. State and local government agencies and private interests are encouraged to participate in contingency planning and pollution response.

2101.2 State agencies are considered as full participating members of the RRT. The designated state agencies are invited to attend and provide input to all RRT planning meetings. Upon a potential or actual major, medium or minor oil or hazardous substance discharge the threatened or impacted state is immediately notified. For names and telephone numbers see Annex II page 16-20 and Annex XIII.

2101.3 Local government agencies have an interest and can provide expertise in ongoing pollution incidents. Local government agencies are encouraged to coordinate with state agencies and provide local pollution contingency plans for inclusion in OSC Subregional Plans. For names and telephone numbers see Annex XIII

21-1.4 In many cases of pollution response, private organizations or individuals will volunteer to aid in mitigating effects of a pollution discharge. The OSC must be cognizant of the presence of any volunteers at the scene of a discharge. The OSC has ultimate discretion aid from the RRT in dealing with and controlling various factions of volunteers.

2101.5 The overall responsibility of the U.S. Fish and Wildlife Service is to provide the OSC with recommendations for protection of fish and wildlife resources, including endangered and threatened species and associated habitats. These recommendations are coordinated with respective state wildlife conservation agencies to insure protection of all wildlife resources for that particular area.

2101.6 Endangered and Threatened Species. The predesignated OSC shall, through the USFWS Regional Pollution Response Coordinator (RPRC) or designated Field Response Coordinator (FRC), provide the OSC with a list of endangered and threatened species, recommendations for protection of designated critical habitat, and other areas of particular environmental vulnerability. Additionally, the OSC should consult with particular state wildlife agencies for listing and protection of state endangered wildlife species.

2101.7 Waterfowl Protection. The contamination of waterfowl by oil has a high public impact which must be recognized by the OSC and the members of the RRT. Public interest inquiries, criticism, and demands for cleaning of affected birds can seriously hamper the OSC's ability to contain and remove the oil. Early inspection of impacted or potentially impacted areas known to be waterfowl habitat shall be made by the OSC, and at the first sign of waterfowl involvement or probable involvement, the OSC should contact the U.S. Fish and Wildlife Service Regional Pollution Response Coordinator and request that he organize and oversee the waterfowl protection efforts. For large-scale bird contamination, the OSC should request activation of the RRT for assistance in this area. The U.S. Fish and Wildlife Service shall initiate and coordinate actions of professional and volunteer groups by establishing bird collection, cleaning and recovery centers.

2101.8 Department of the Interior
Pollution Response Coordinators

- (a) James Kesel (NM, OK, TX)
U.S. Fish and Wildlife Service
North Central Region
Federal Building Fort Snelling
Twin Cities, MN, 55111
(612) 725-3536
(FTS) 725-3536

2101.9 Listed below are several private organizations which can provide assistance or information concerning bird recovery, cleaning, and rehabilitation:

- (A) International Bird Rescue Research Center
Aquatic Park
Berkeley, CA. 94710
(415)841-9086 (24-hour number)
- (B) American Petroleum Institute
2100 L. Street NWE
Washington, D.C. 20037
(202)457-7064
- (C) Humane Society of the United States
2100 L. Street NW
Washington, D.C. 20037
(202)452-1100 (working hours)
(703)860-9386 (non-working)
- (D) Suncoast Seabird Sanctuary
18323 Sunset Boulevard
Reddington Shores, FL. 33708
(813)391-6211 (24 hour number)

2101.10 The following are regional organizations which assist in organizing volunteer groups for the purpose of bird recovery, cleaning, and rehabilitation. They are listed by state and alphabetical order of the town's name where they are active.

State of Illinois

- Alton High School Environmental
Action Committee
2200 College St.
Alton, Il. 62035
(614) 463-2408 Larry Thompson
- Eagle Valley Environmentalists
P.O. Box 115
Apple River, Il. 61001
(815) 594-2259 Terrence Ingram
- Prarie Woods Audubon
P.O. Box 1065
Arlington Heights, Il. 60006
(312) 255-2054 Marvin Schwartz
- Defenders of the Fox River Inc.
94 Otis Rd.
Barrington, Il. 60010
(312) 381-1672 Dr. J.C. Toompson
- Illinois Wildlife Federation
P.O. Box 116
13005 S. Western Ave.
Blue Island, Il. 60406
(312) 388-3995 Ace Extram
- Kankakee Area Audubon
P.O. Box 164
Bourbonnais, Il. 60914
(815) 932-5875 Diana Burns
- Fulton County Citizens for
Better Health & Environment
Route #1
Canton, Il. 60520
(309) 647-0509 Melba Ripper
- Cooperative Wildlife Research Lab
Carbondale, Il. 62901
(618) 536-7766
- Coalition on American Rivers
P.O. Box 2667
Station A
Champaign, Il. 61820
(217) 384-5831 John Marlin
- Educational Resources in
Environmental Science
17 N. Market St.
Champaign, Il.
(217) 351-1911 David Monk
- Students for Environmental Concerns
1001 S. Wright
Champaign, Il. 61820
(217) 344-1351 Paige Kelso
- Kyte Creek Audubon
Route #1
Chana, Il.
(815) 732-6059 Charles Swanson
- Citizens for a Better Environment
59 E. Van Buren St. Suite 2610
Chicago, Il. 60605
(312) 939-1984
- Ducks Unlimited, Inc.
P.O. Box 66300
Chicago, Il. 60666
(312) 299-3334 Kenneth McCreary
- Environmental Law Society
University of Chicago Law School
111 E, 60th St.
Chicago, Il.
(312) 753-2401
- Friends of the Parks
53.W. Jackson Blvd. Rm. 1006
Chicago, Il.
(312) 922-3307 Mary Decker
- Great Lakes Chapter, Illinois Division
53. W, Jackson Blvd.
Chicago, Il. 60604
(312) 431-0158 Ted Woodbury, Evelyn Lewert
- Lake Michigan Federation
53 W. Jackson Blvd.
Chicago, Il 60604
(312) 427-5121
- South Shore Railroad Recreation
109 N. Dearborn St.
Chicago, Il. 60602
(312) 641-5570 John Lane
- Committee on the Middle Fork of
the Vermillion River
117 W, 14th St.
Danville, Il. 61832
(217) 443-2751 James Yoho
- Vermillion Citizens Conservation League
433 Montclair
Danville, Il. 61820
(217) 442-2286 James Rockosh

Department of Biological Sciences
Environmental Biology Program
DeKalb, Il. 60115
(815)753-1753

Office of Environmental Studies
DeKalb, Il. 60115
(815)753-0215

Cook County Clean Streams Committee
307 Grove Ave.
Des Plaines, Il. 60016
(312)824-1979 Dave Dallmeyer

Southwest Chapter
40 Washington Rd.
Edwardsville, Il. 62625
(618)656-8122 John McCall

Elmhurst Environmental Committee
410 Berkley
Elmhurst, Il. 60126
(312)834-7357 Keith Olson

Epoch B of the Evanston
Environmental Association
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P.O. Box 355
West Milton, Oh. 45383
(513) 473-2363 Lawrence Centliver

Buckeye Trail Association, Inc.
P.O. Box 254
Worthington, Oh 43085
(614) 885-7542 Robert Paton

Friends of the Earth
P.O. Box 498
Yellow Springs, Oh 45387
Randell George

Friend of Poland Forest
210 Nesbitt, St.
Youngstown, Oh 44514
J.M. MacIntosh

State Of Wisconsin

Appleton East Conservation
2121 Emmers Dr.
Appleton Wi. 54911
(414) 739-3121 Michael Funk

Natural Areas Preservation
2401 S. Memorial Dr.
Appleton, Wi. 54912
(414) 739-3161 ext 200 Gordon Bubolz

International Crane Foundation
City View, Wi 53915
(608) 365-3553 John Wiessinger

Wisconsin Friends of Animals, Inc.
1280 Webster Ave
Brookfield, Wi, 53005
(414) 782-5947 Betty Schmidt

Kettle Moraine Audubon
4990 Moches Rd.
Colgate, Wi. 53017
(414) 628-1680 S.A. Woll

Brown County Chapter
961 Hickory Ave
De Pere, Wi. 54115
(414) 336-4977 Betty Fisk

Izaak Walton League
Wisconsin State Division
861 Hickory Ave.
De Pere, Wi. 54115
(414) 336-4977 William Fisk

Fond Du Lac Audubon
308 Guindon Blvd.
Fond Du Lac, Wi. 54935
(414) 921-7192

Fort Atkinson High School
Conservation Club
453 S, High St.
Fort Atkinson, Wi 55538
(414) 563-6159 Carlton Zentner

WCI Conservation Club
P.O. Box 147
Fox Lake, Wi. 53933
John Spanton

Washington County County Environmental
Council
210 River Rd.
Fredonia, Wi. 53021
(414) 692-2491 Joan Rosenberger

Nicolet High School Outdoor Club
6701 N. Jean Nicolet Rd.
Glendale, Wi. 53202
(414) 352-7110 C.L. Kolb

Milwaukee River Restoration Council
461 Hillcrest Rd.
Green Bay, Wi. 53024
(414) 377-7083 Bob Fuller

Brown County Conservation Alliance
1406 9th St.
Green Bay, Wi. 54304
(414) 494-3262 Kenneth Euers

Northeastern Wisconsin Audubon
Green Bay Wildlife Sanctuary
Sanctuary Road
Green Bay, Wi. 54302
(414) 468-7926 mike McFarlane

Wilderness Watch
P.O. Box 3184
Green Bay, Wi. 54303
(414) 499-9131 Jerry Gandt

Wisconsin Ecological Society
P.O. Box 514
Green Bay, Wi. 54305
(414) 435-5544 John Wilson

Kettle Moraine Audubon
Hwy. 83 South
Hartford, Wi. 53027
(414) 673-5878 Bob Ahrenhoerster

Arrowhead Ecology Club
Arrowhead High School
Hartland, Wi. 53209
(414) 367-3611 Arthur Swanson

Central States Water Pollution
Control Association
P.O. Box 808
Kenosha, Wi. 53141
(414) 652-4871 Frank Vilen

La Crosse Audubon
2216 State St.
La Crosse, Wi. 54601
(608) 782-5004 Phobe Sorenson

Center for Environmental Communications
and Education Studies
433 N. Murray
Madison, Wi. 53706
(608) 262-2119 Prof. Clay Schoefeld

Citizens for a Better Environment
2 W. Mifflin St.
Madison, Wi. 53703
(608) 251-2804 David Merritt

Friends of the Earth
2 S. Fairchild
Madison, Wi. 53703
(608) 256-0565

National Audubon Society
North Midwest Region
142 W. Gorham
Madison, Wi. 53703
(608) 251-9672 Steve Hiniker

The Nature Conservancy
1922 University Ave
Madison, Wi. 53705
(610) 233-9721 Russell Van Herik

Water Resources Center
References Center
1975 Willow Dr.
Madison, Wi. 53706
(608) 262-3069

Wisconsin Conservation Society/
Hunting & Fishing Club Coordinator
c/o Box 7921
Madison, Wi. 53702
(608) 266-0920 Kenneth Coyle

Wisconsin Environmental Decade
114 E. Mifflin St.
Madison, Wi, 53703
(608) 251-7020

Wisconsin Wetlands Association
2114 Van Hise Ave
Madison, Wi. 53705
(608) 233-5433 James & Elizabeth Zimmerman

Red Center Lake Association
P.O. Box 77
Mikana, Wi 54875
(715) 354-3840 Robert Saunders

Citizens for a Better Environment
Office
536 W. Wisconsin Ave., Suite 502
Milwaukee, Wi. 53203
(414) 271-7475 Tom Haas

Friends of Havenwoods, Inc.
P.O. Box 09384
Milwaukee, Wi. 53209
Cari Backes

Milwaukee Chapter
5832 N. Lake Dr.
Milwaukee, Wi. 53217
(414) 332-3669 Miriam Dahl

University of Wisconsin Milwaukee
Center for Great Lakes Studies
P.O. Box 412
Milwaukee, Wi. 53201
(414) 963-4196

Wisconsin Wildlife Federation
301½ Main St.
Mosinee, Wi. 54455
(715) 693-2242

Dane County Environmental Council
Route 1
Mt. Horeb, Wi. 53572
(608) 832-4880 Olive Thomson

Ecology Association of New Berlin
2970 S. 149th St.
New Berlin, Wi. 53151
(414) 786-2247 Jim Blake

Citizens Natural Resources
Association of Wisconsin, Inc.
1520 Bowen St.
Oshkosh, Wi. 54901
(414) 223-5527 Katherine Rill

Wisconsin Audubon Council
145 N, Eagle St.
Oshkosh, Wi. 54901
(414) 235-1348 Vivian Brusius

Citizens for a Clean Mississippi
P.O. Box 61
Pepin, Wi. 54759
(715) 442-4487

Clean
995 Seveth Ave.
Platteville, Wi, 53818
(608) 348-4651 G.M. Freudenreich

Wisconsin Federation of Lakes
Route 3
Plymouth, Wi, 53073
(414) 892-4995 Robert Schrameyer

Friends of the Mackenzie
Environmental Center
204 E, Washington
Poynette, Wi. 53955
Mrs. Inge Lothe

Racine-Kenosha Citizens for the
Environment
544 Mulberry Lane
Racine, Wi. 53402
(414) 639-3672 E. Sobel

Rhineland Environmental and
Ecology Club
P.O. Box 518
Rineland, Wi. 54501
(715) 369-4437 Dr. Maura Gage

Friends of Sauk County
Route 1, Box 64
Rock Springs, Wi. 53961
(608) 522-4228 Laurence Phelps

Land Inc.
Route 1
Rudolph, Wi. 54475
(715) 423-7996 Naomi Jacobson

Monroe County Environmental
Protection League
418 E. Main
Sparta, Wi. 54656
(610) 269-6205 Dr. Wolfred Beaver

National Association of
Conservation Districts
1025 Clark St.
Stevens Point, Wi. 54481
(715) 341-1022 William Horvath

Portage County Preservation Projects
3119 Post Rd.
Stevens Point, Wi. 54481
(715) 344-6505 Rosemary Rossier

Wisconsin Cooperative Fishery Research
CNR#118
Stevens Point, Wi. 54481
(715) 346-2178 Daniel Coble

Wisconsin Association for
Environmental Education
125 W. Kohler St.
Sun Prairie, Wi. 53590
(608) 837-8176 David Engleson

Center for Lake Superior
Environmental Studies
McCaskill 104
Superior, Wi. 54880
(715) 392-8101 ext. 315
Dr. Donald Bahnick

Citizens Natural Resources
Associations of Wisconsin INC.
6537 Revere Ave
Wauwatosa, Wi. 53214
(414) 258-0077 Fred Ott

Milwaukee Audubon
12259 Underwooch Pkwy.
Wauwatosa, Wi. 53226
(414) 453-5640 Dorothy Kassilke

University of Wisconsin Whitewater
Department of Geography
Whitewater, Wi. 53190
(414) 472-1071

2101.11 Preferable to rehabilitation of oiled birds, both environmentally and economically, is their removal from a spill or potential spill area and/or discouraging their entering a spill area. Harrassment techniques listed below have proven useful in localiiized critical areas.

- (a) Propane cannons.
- (b) Aerial explosives.
- (c) High-speed small boats.
- (d) Helium ballons attached to booms.
- (e) The flying of kites with a silhouette of a pregrine falcon.

Also effective is the use of baited areas that are free of oil and will not become polluted. The employment of harassment and baiting techniques provides an opportunity for the useful involement of large numbers of volunteers requiring maximum supervision. This opportunity should be exploited by the OSC and/or Fish and Wildlife representative.

2101.12 Funding

- (a) Reference: Federal Register, Vol. 41 pages 12632-12634, 33 CFR 153.401.
- (b) The pollution Fund pursuant to Section 311(k) of the FWPCA may be used for waterfowl conservation needs provided they are determined to be Phase IV response actions. Conditions for pollution fund usage are detailed in Annex IX.

2101.13 RRC Reference Documents

- (a) Pollution Response Plan for Oil and Hazardous Substances.
U. S. Fish and Wildlife Service U.S. Department of the Interior. Region 5, Minneapolis, MN.
- (b) Pollution Response Plan for Oil and Hazardous Substances.
U.S. Fish and Wildlife Service. Region 4, Atlanta, GA.
- (c) Saving Oiled Seabirds. 1978 International Bird Rescue Research Center, Berkeley, CA. API.
- (d) Waterfowl Rescue Plan. 1975, Area Waterfowl Preservation Committee. Gulf Coast Area. Corpus Christi, TX.

ANNEX XII
2200 INTERAGENCY SUPPORT ARRANGEMENTS/AGREEMENTS

REGION 5

INTERAGENCY REGULATORY LIAISON GROUP

R. McCanns
Occupational Safety and Health Administration
(312) 353-2220, (202) 523-2220

Edith Tebo
U.S. Environmental Protection Agency
(312) 353-3648 886-6674

F.R. Stanley
Food and Drug Administration
(312) 353-1041

Milt Schulz
Consumer Product Safety Commission
(312) 353-8260

R.A. Ford
US Department of Health and Human Service
(312) 353-5132/9365

ANNEX XIII
2300 STATE CONTINGENCY PLANS

INTRODUCTION

Each state within standard federal Region 5 comprises a subregional unit for purposes of contingency planning. Within the bounds of each unit, several different groups are involved in various aspects of emergency response and planning, including:

1. State and local governmental agencies
2. Federal agencies
3. Conservation organizations
4. Industrial firms, associations, and cooperatives

Many of the above groups have prepared individual contingency plans which may vary in scope from broad statewide concerns to protection of a single resource, such as a particular river basin or waterfowl habitat. Information contained in these documents and other sources pertinent to subregional contingency planning could not be included in the Region 5 Plan without causing it to become unwieldy in size and difficult to maintain in updated form. Consequently, this Annex has been prepared as a concise emergency contacts reference source.

Each subregional unit contains only information selected to meet the emergency needs of the OSC and RRT in the field. Other spill management information is retained in the RRC where it is organized for rapid processing of information requests from the OSC and RRT. Under this system the RRC library and files are important extensions of the Region 6 Contingency Plan.

STATE OF ILLINOIS

- 1.00 STATE AGENCIES
- 1.10 State of Illinois Spill Report Number (217)782-3637 (24hr.)
- 1.11 Illinois Hazardous Material Spill Contingency Plan
- 1.20 Illinois Environmental Protection Agency
2200 Churchill Rd.
Springfield, Il. 62706
(217)782-5990
- 1.21 Air Pollution Control
(217)782-7326
- 1.22 Local Water Supplies
(217)782-9470
- 1.23 Public Affairs Information
(217)782-5562
- 1.24 Water Pollution Control
(217)782-1654
- 1.30 ILLINOIS ATTORNEY GENERAL
Environmental Control Division
188 W, Randolph St. Rm 2315
Chicago, Il. 60601
(312)793-2491
- 1.40 PESTICIDES INFORMATION
Illinois Department of Agriculture
State Fair Grounds
Springfield, Il. 62706
(217)782-4849
- 1.50 ILLINOIS DEPARTMENT OF PUBLIC HEALTH
525 W. Jefferson St.
Springfield, IL 62761
(217)782-2283
- 1.60 ILLINOIS SOIL & WATER CONSERVATION DISTRICTS
Route 2
Polo, Il. 61064
(815)946-2301
- 1.70 ILLINOIS STATE GEOLOGICAL SURVEY
Natural Resources Bldg.
Urbana, Il. 61801
(217)333-2211

STATE OF INDIANA

1.00 State Agencies

- 1.10 State of Indiana Spill Report Number (317)633-0144 (24Hr.)
- 1.11 Indiana Hazardous Material Spill Contingency Plan
- 1.20 INDIANA STATE BOARD OF HEALTH
1330 W. Michigan Ave.
Indianapolis, IN. 462046
- 1.21 Air Pollution Control
(317)633-0619
- 1.22 Stream Pollution Control
(317)633-0167
- 1.23 Local Water Supplies
(317)633-4512
- 1.30 INDIANA ATTORNEY GENERAL
State House Rm. 219
Indianapolis, IN. 46204
(317)633-5512
- 1.40 PESTICIDES
State Chemist & Seed Commissioner
Department of Biochemistry
Purdue University
West Lafayette, IN. 47807
(317) 749-2391
- 1.50 INDIANA DEPARTMENT OF NATURAL RESOURCES
608 State Office Bldg.
Indianapolis, IN. 46204
(317)633-4294
- 1.51 Division of Fish and Wildlife
(317)633-7696
- 1.52 Division of Water
(317)633-5267
- 1.60 INDIANA STATE SOIL & WATER CONSERVATION COMMISSION
Agriculture Administration Bldg.
Purdue University
West Lafayette, IN. 47907
(317)749-2364
- 1.70 INDIANA STATE GEOLOGICAL SURVEY
611 N. Walnut Grove
Bloomington, IN. 47401
(812)337-2862

STATE OF MICHIGAN

- 1.00 STATE AGENCIES
- 1.10 State of Michigan Spill Report Number (517)373-7660 (24Hr.)
- 1.11 Michigan Hazardous Material Spill Contingency Plan
- 1.20 MICHIGAN DEPARTMENT OF NATURAL RESOURCES
Stevens T. Mason Bldg.
P.O. Box 30028
Lansing, MI. 48909
(517)373-7917
- 1.21 Air Quality
(517)322-1330
- 1.22 Enforcement
(517)373-3503
- 1.23 Toxic Materials Control
(517)373-9642
- 1.24 Water Quality
(517)373-1947
- 1.30 MICHIGAN ATTORNEY GENERAL
Environmental Protection Division
760 Law Bldg.
Lansing, MI. 48902
(517)373-7780
- 1.40 PESTICIDES
Michigan Department Of Agriculture
Lewis Cass Bldg., 5th floor
P.O. Box 30017
Lansing, MI. 48909
(517)253-48909
- 1.50 MICHIGAN DEPARTMENT OF PUBLIC HEALTH
3500 N. Logan St.
P.O. Box 30035
Lansing. MI. 48909
- 1.60 MICHIGAN SOIL CONSERVATION DISTRICT
Augres MI. 48703
(517)876-2291

State of Minnesota

1.00 STATE AGENCIES

- 1.10 24 Hour Emergency Number (612)296-7373
1.11 Minnesota Hazardous Material Contingency Plan

1.20 MINNESOTA POLLUTION CONTROL AGENCY
1935 W. County Rd., B-2
Roseville, Mn. 55113
(612)296-7301

OIL AND HAZARDOUS MATERIAL SPILLS UNIT

Dick Kable 296-7235
Bob Dullinger 296-7367

1.21 WATER QUALITY

Barry Schade, Acting Director 296-7202

1.22 SURFACE AND GROUNDWATERS (damage surveys)

Marvin Hora 296-7396
Harold Wiegner 296-7396
Paul Heberling 296-7357
Willis Munson 296-7357
Joel Schilling 296-7256
John McGuire 296-7242

1.23 MAJOR WASTEWATER TREATMENT PLANT PROBLEMS

Gene Erickson 296-7207
Mike Herman (municipal) 296-7252

1.24 SOLID WASTE

Bruce Brott 297-2713
Tom Clark 297-2724

1.25 HAZARDOUS CHEMICAL DISPOSAL

Bruce Brott 297-2713

1.26 AIR QUALITY - ALL ODOR AND AIR PROBLEMS
(also permission to burn oil spills)

Gary Pulford 297-7371

1.27 ADMINISTRATION

Louis Breimjurst, Executive Director 296-7301
Lovell Richie, Senior Executive Officer 296-7339
Gail Gendler, Public Information Officer 296-7283
Bob Hamilton, Regional Coordinator 296-7711

1.28 RADIOLOGICAL INCIDENTS

Jack Ferman

296-7287

1.29

MINNESOTA POLLUTION CONTROL AGENCY REGIONAL OFFICES

METRO (Roseville)

Counties:

Anoka	Hennepin	Washington
Carver	Ramsey	
Dakota	Scott	

Spills Unit:
 Dick Kable 296-7235
 Robert Dullinger 296-7367

24-hour Emergency Alert System
 Roseville, Minnesota 55113 296-7373

Region I (Duluth)

Counties:

Aitkin	Itasca	Lake
Carlton	Koochiching	St. Louis
Cook		

John Pegors, Regional Director
 Bill Sachleben, Reg. Specialist
 Tim Musick, Reg. Specialist
 1015 Torrey Building
 Duluth, Minnesota 55802
 218/723-4660
 Tie Line: 8-101-4660

Region II (Brainerd)

Counties:

Benton	Kanabec	Stearns
Cass	Mille Lacs	Todd
Chisago	Morrison	Wadena
Crow Wing	Pine	Wright
Isanti	Sherburne	

Larry Shaw, Regional Director
 Don Adams, Reg. Specialist
 Stan Kalinoski, Reg. Specialist
 304 East River Road
 Brainerd, Minnesota 56401
 218/828-2492
 Tie Line: 8-111-2492

Region III (Detroit Lakes)

Counties:

Becker	Lake of the	Polk
Beltrami	Woods	Pope
Clay	Mahnomen	Red Lake
Clearwater	Marshall	Roseau
Douglas	Norman	Stevens
Grant	Otter Tail	Traverse
Hubbard	Pennington	Wilkin
Kittson		

Willis Mattison, Regional Director
 Larry Olson, Reg. Specialist
 116 East Front Street
 Detroit Lakes, Minnesota 56501
 218/847-2164
 Tie Line: 8-175-76

Region IV (Marshall)

Counties:

Big Stone	Lyon	Renville
Chippewa	McLeod	Rock
Claytonwood	Meeker	Swift
Dickson	Murray	Yellow
Hendry	Nobles	Medicine
Le Sueur	Pipestone	
Lincoln	Redwood	

Larry Johnson, Regional Director
 Hank Steffen, Reg. Specialist
 Mark Oemichen, Reg. Specialist
 Cline Pharmacy Building
 Marshall, Minnesota 56258
 507/537-7146

Region V (Rochester)

Counties:

Becker	Houston	Sibley
Blue Earth	LeSueur	Steele
Carver	Martin	Wabasha
Chippewa	Mower	Waseca
Dakota	Nicollet	Watsonwan
Hennepin	Olmstead	Winona
Isanti	Rice	

Larry Landherr, Regional Director
 Dave Read, Reg. Specialist
 Don Abrams, Reg. Specialist
 821 Third Avenue Southeast
 Suite 65, Kings Row Building
 Rochester, Minnesota 55901
 507/285-7343
 Tie Line: 8-103-7343

Fairbanks - Leech Lake, including Leech Lake Reservation
 and White Earth and Red Lake Reservations. Head,
 Reservation Fish and Game Department.

218/335-6175

MINNESOTA STATE OFFICES

- 1.30 Minnesota Department of Natural Resources 612/296-2835
Environmental Section - Ecological Services 612/296-0778
Howard Krosch 612/296-0782
Dave Zappetillo
- When appropriate inform:
- 1.40 Division of Emergency Services 612/778-0800
24-hours
- 1.50 State Fire Marshal 612/296-7641
Dick Holmes 612/778-0800
after hours - Division of Emergency Services
- 1.60 Minnesota Department of Health
All significant spills of hazardous materials: 612/296-5300
Russell E. Frazier
- 1.70 Minnesota Department of Agriculture 612/296-8547
Michael Fresvik 612/296-8309
Ross Grotbeck 612/296-3016
Steve Rogosheske 612/297-2419
Pete Lonergan

Minneapolis

METROPOLITAN OFFICE

- 2.00
- 2.10 Metropolitan Waste Control Commission
(Mississippi River spills, Minnesota River spills into sewer, Metro area)
- 2.11 Industrial Waste Section
during office hours call:
- 2.12 Leo Hermes
Don Madore
- 2.13 Seneca Plant (Ray Idla)
(If problem is within either Minneapolis or St. Paul)
24-hour number
- 2.20 Minneapolis Sewer Department
- 2.21 Chris Shaffer
(After hours call Water Department
or Street Department Dispatcher)
- 2.30 Minneapolis Fire Department Dispatcher
24-hours
- 40 Minneapolis Pollution Control
Glen Kiecker
- 50 St. Paul Public Works or St. Paul Sewer Maintenance
Scott Gilbertson
Don Nygard
Richard Hunt
Erv VanReese
Night Clerk, after hours
- 0 St. Paul Fire Department
Dispatcher, 24 hours
Fire Prevention Bureau
- Metropolitan Airports Commission Fire Department
Vincent Chevalier
- 612/771-8845
612/222-8423
ext. 222
612/454-7860
- 612/771-8845
- 612/729-7425
612/348-2737
612/348-2487
- 612/348-2345
- 612/348-7897
7827
- 612/298-4321
612/298-4241
612/488-4241
612/488-4774
612/488-2323
- 612/224-7374
612/224-7811
- 612/726-1300

STATE OF OHIO

1.00 STATE AGENCIES

- 1.10 State of Ohio Spill Report Number (800)282-0270 (24Hr)
- 1.11 Ohio Hazardous Material Spill Contingency Plan

1.20 OHIO ENVIRONMENTAL PROTECTION AGENCY
361 E. Broad St.
Columbus, OH. 43215
(614)466-8565

1.21 Air Pollution
(614)466-6116

1.22 Public Water Supplies
(614)466-8307

1.23 Public Information Office
(614)466-4331

1.24 District Office
Central District Office
P.O. Box 1049
Columbus, OH. 43216
(614)466-6450

Northeast District Office
2110 E. Aurara Rd.
Twinsburg, OH. 44807
(216)425-9171

Northwest District Office
1035 Devlac Grove Dr.
Bowling Green, OH. 43402
(419)352-8461

Southwest District Office
7 E. 4th St.
Dayton, OH. 45204
(513)481-4870

Southeast District Office
2195 Front St.
Logan, OH. 43138
(614)385-8501

1.30 OHIO ATTORNEY GENERAL
Environmental Law Section
30 E. Broad 17th Floor
Columbus, OH. 43215
(614)466-2766

1.40 PESTICIDES
Ohio Department Of Agriculture
65 S. Front Street
Columbus, OH. 43215
(614)942-2732

- 1.50 OHIO BIOLOGICAL SURVEY
484 W. 12th Ave
Columbus, OH. 43210
(614)422-9645
- 1.60 OHIO DEPARTMENT OF NATURAL RESOURCES
Fountain Square Bldg. 03
Columbus, OH. 43224
(614)466-7170

STATE OF WISCONSIN

1.00 State Agencies

1.10 State of Wisconsin Spill Report Number (608) 266-3232

1.11 Wisconsin Hazardous Materials Spill Contingency Plan.

1.20 WISCONSIN DEPARTMENT OF NATIONAL RESOURCES
P.O. Box 7921
Madison, Wis. 53707
(608) 266-2621

1.21 Air Management
(608) 266-2111

1.23 Water Planning
(608) 266-9258

1.24 Water Quality
(608) 266-3221

1.25 DNR District Offices
Lake Michigan District
812 S. Fisk St.
P.O. Box 3600
Green Bay, WI 54303
414-497-4040

North Central District
P.O. Box 818
Rhinelander, WI 54501
715-362-7616

Northwest District
P.O. Box 309
Spooner, WI 59801
715-635-2101

Southern District
Rock River Task Force
Route 3, Wakanda Dr.
Wakanda, WI 53597
608-266-2628

Southeast District
9722 Watertown Plank Rd.
P.O. Box 13248
Milwaukee, WI 53226

West Central
1300 W. Clairemont Ave.
Eau Claire, WI 54701
715-836-2821

- 1.30 WISCONSIN ATTORNEY GENERAL
Department of Justice
114 E. State Capital
Madison, WI 53702
608-266-1221

- 1.40 Pesticides
Department of Agriculture
801 W. Badger Rd.
Madison, WI 53713
608-366-7100

- 1.50 DEPARTMENT OF TRANSPORTATION
4802 Sheyboygan Ave. R.103-B
Madison, WI 53702
608-266-3581

- 1.60 WISCONSIN DIVISION OF EMERGENCY
Government
4802 Sheyboygan Ave.
Madison, WI 53702
608-266-3232

- 1.70 WISCONSIN GEOLOGICAL & NATURAL HISTORY SURVEY
1815 University Ave.
Madison, WI 53706
608-262-1705

ANNEX XIV
2400 MULTINATIONAL CONTINGENCY PLANS

2401 Joint Canada - United States Marine Pollution Contingency Plan
 2401.1 This Annex contains a concise emergency reference source and
 not the entire plan.

DIRECTORY

U.S. Members Joint Response Team

<u>Agency</u>	<u>Name & Address</u>	<u>Office Phone #</u>	<u>Off Duty Phone</u>
USCG	National Response Center G-WEP 6/73 Washington D.C.	202-426-1830 800-424-8802	
USCG	USCG 1240 E. 9th St. Cleveland, OH. 44199	216-522-3983 3984	
USCG	Capt. H.F. Norton CCGD9 Marine Safety 1240 E. 9th St. Cleveland, OH. 44199	216-522-3983	216-522-3983
USCG	LCDR. A.L. Ruedisueli CCGD9 (mep) 1240 E. 9th St. Cleveland, OH. 44199	216-522-3983	216-522-3983
USCG	M.L. Stephens CCGD9 (mps) 1240 E. 9th St. Cleveland, OH. 44199	216-522-3983	216-522-3983
USEPA	Vacant USEPA Region V 536 South Clark Street Chicago, IL. 60605	312-353-2318	312-353-2318
US CORPS OF ENGINEERS	Bernard Bochantean 536 S. Clark St. Chicago, IL. 60605	312-886-5451	815-568-7544
US CORPS OF ENGINEERS	Carl Cable 536 S. Clark St. Chicago, IL. 60605	312-353-6372	312-357-4529
US DEPT HEALTH & Human Services	Robert Ford 300 S. Wacker Dr. Chicago, IL. 60606	312-353-5132 9365	312-639-6476

Directory

U.S. PRE-DESIGNATED ON -SCENE COORDINATOR

<u>Agency</u>	<u>Name & Address</u>	<u>Office Phone #</u>	<u>Off Duty Phone #</u>
USCG	D. C. Mania COIP Buffalo 111 W. Huron St. Buffalo, Ny 14202	716-846-4168	716-846-4151
USCG	Capt. R. Pickup COIP Cleveland 1055 E. 9th St. Cleveland, Oh 44114	216-522-4404 4405	216-522-4405 4412 3983
USCG	CDR K. F. Wassenberg COIP Detroit Patrick McNamera Bldg. Room 550 477 Michigan Ave Detroit, Mi 48226	313-226-7777	313-226-7777
USCG	CDR R. Roznoski COIP Duluth Canal Park Duluth, MN 55802	218-727-6692 4860 ex 286	218-727-4860 8886
USCG	CDF J. P. Foley COIP Toledo Room 501, Federal Bldg. Toledo, Oh 43604	419-259-6372 7558	419-254-6448
USCG	Capt. J. Wabbold COIP SOO Sault STE. Marie, MI 49783	906-635-5495	906-635-5241

DIRECTORY

Canadian Members Joint Response Team

<u>Agency</u>	<u>Name & Address</u>	<u>Office Phone #</u>	<u>Off Duty Phone #</u>
Ministry of Transport	CAPT. M.S. Greenham Chief Canadian COAST GUARD Transport Canada Bldg. Tower 'A' 12th floor Place de Ville Ottawa Ontario K1A 0N7	613-992-9210 9743	613-824-3810
Ministry of Transport	Mr. Stewart Canadian Coast Guard Central Region Transport Canada 1 Yonge St, 20th Floor Toronto Star Bldg. Toronto, Ontario M5E 1E5	416-369-3635	
Ministry of Transport	Mr. N. Vanderkooy Regional Manager Operation Canadian Coast Guard Central Region Transport Canada 1 Yonge St. 20th Floor Toronto Star Bldg. Toronto, Ontario M5E 1E5	416-369-2283	416-459-8610
Department of Environment	DR. R.W. Slatter, Director EPS Ontario Region 25 St. Clair Ave W. Toronto, Ontario M14 1M2	416-966-5840	416-966-6409
Department of Environment	MR. N. Vanderkooy Coordinator Environment Emergency Branch EPS Ontario Region 135 St. Clair Ave. W. Toronto Ontario M4V 1P5	416-966-5840	

DIRECTORY

Canadian Members Joint Response Team (cont'd)

<u>Agency</u>	<u>Name & Address</u>	<u>Office Phone #</u>	<u>Off Duty Phone #</u>
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Ministry of Environment	MR. P.G. Belling Contingency Planning Officer Pollution Control Branch 135 St. Clair Ave W. Toronto Ontario M4V 1P5	416-965-3237 2537	416-459-1169
Ministry of Natural Resources	MR. B.B. Benson Richmond Hill Toronto, Ontario 4C 3C9	416-884-9203	
Department of National Defense	Major J. Hasek Senior Staff Officer Central Region operations Staff Canadian Forces Training Systems HQ Detachment M3K 1Y6	416-633-6200 EXT.518	416-633-6200 EXT. 518
Department of National Defense	Capt. J. Rosell Staff Officer Central Region Operations Staff Canadian Forces Training System Downsview, Ontario M3K 1Y6	416-633-6200 EXT.524	

DIRECTORY

Candaian Members Joint Response Team (cont'd)

<u>Agency</u>	<u>Name & Address</u>	<u>Office Phone #</u>	<u>Off Duty Phone #</u>
Ministry of Health	Mr. B. L. Miranda Chief Public Health Engineer Public Health Branch Ontario Ministry of Health 15 Overlea Blvd. 5th Floor Toronto Ontario	416-956-7678	416-291-5800

CANADIAN PRE-DESIGNATED ON -SCENE COMANDERS

<u>Agency</u>	<u>Name & Address</u>	<u>Office Phone #</u>	<u>Off Duty Phone #</u>
Canadian Coast Guard	Mr. J.K. Rose District Manger Prescott Marine Agency	613-925-2865	613-925-5357
"	Capt. J. Bennett Amherstrong Marine Sub-Agency	519-736-5075	519-736-2509
"	Mr. J.D. Kennedy District Manager Parry Sound Marine Agency	705-746-2196	705-746-5579
"	Mr. G.E. Stieh Thunder Bay Marine Coast Guard Sub-Base Transport Canada	807-345-6311	807-344-5315
"	E.P. Wharton Base Manager Kenora	807-468-7242	807-543-2478
"	Mr. J. Mytz District Sub-Manager Selkirk Sub-Base	204-482-3016	204-482-2603

Canadian Coast Guard Traffic Center 416-369-3058
Guard Toronto, Ontario 416-369-3907

ANNEX XVI

2600 U.S. Environmental Protection Agency
Region V
Multiprogram Contingency Plan

2601 Multiprogram Regional Contingency Plan

2601.1 The purpose of the Multiprogram Regional Contingency Plan is to provide parallel procedures to the "Regional Oil and Hazardous Substances Pollution Contingency Plan, Region V Inland". It provides for a pattern of coordinated and integrated response by the Regional Office to protect the environment from the damaging effects of pollution discharges and emissions.

The Plan provides for:

- 1) Establishment of a centralized response operation
- 2) Notification procedures
- 3) Procedures for declaration of emergencies
- 4) Publication of "call list" of responsible authorities
- 5) Assignment of responsibilities
- 6) Implementation of the toxics coordination role envisioned by enactment of the Toxic Substances Control Act of 1976.

This Annex contains a concise emergency reference source and not the entire Plan.

MULTI-PROGRAM CONTINGENCY PLAN CALL LIST

PROGRAMOFFICEOFF-DUTYOIL & HAZARDOUS MATERIAL

Refer to Region V Oil and Hazardous
Material Contingency Plan

TOXIC AND NON 311 HAZARDOUS SUBSTANCES

Karl Bremer
Paul Meriage
Sheldon Simon

353-2291 (312) 382-1251
653-3063
747-0235

PESTICIDES

Dr. Mitchell Wrich
George Marsh
Carl Erickson

353-2192 (312) 885-2403
956-1089
537-3347

HAZARDOUS WASTE SITE INVESTIGATIONS

P. Reed
E. Mortenson
R. Boice

886-6223 (312) 837-4370
886-6221 842-5177
886-6220 649-1187

AIR EMISSIONS

Gerald Regan
Lucien Torrez
Charles Miller

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RADIATION

Peter Tedeschi
Larry Jensen

353-2654 (312) 544-7938
886-6175 275-0760

WATER SUPPLY

J. F. Harrison

353-2151 (312) 729-2429

ENFORCEMENT

Eileen Bloom 353-2094 (312) 328-9279

OFFICE OF INTERGOVERNMENTAL AND EXTERNAL PROGRAMS

Nancy Philippi 353-3299 (312) 866-7492
Mary Elne Lynch 2072 471-2138
Cathy Brown 2072

STATE TOXIC SUBSTANCES COORDINATORS

	OFFICE		24 HR. NUMBER
	FTS	COMMERCIAL	
Don Day State of Ohio Environmental Protection Agency Box 1049 361 East Broad Street Columbus, Ohio 43216	8/942-8934	(Main Switchboard) 614/466-8566 (Day's) 466-8934	1/800/282-9378
Barry Schade, Director Division of Water Quality Minnesota Pollution Control Agency 1935 West County Road B2 Roseville, Minnesota 55113	612/296-7202	612/296-7735 Rich Ferguson Ground Water Section	612/296-7373
Stanton Kleinert, Chief Pretreatment & Fees Wisconsin Department of Natural Resources Madison, Wisconsin 53707	8/366-7721	608/266-7721	8/366-3232 608/266-3232
Michael Mauzy, Director Illinois Environmental Protection Agency 2200 Churchill Road Springfield, Illinois 62706		217/782-3397	
Richard Powers, Office Director Office of Toxic Material Control Michigan Department of Natural Resources Stevens T. Mason Building Post Office Box 30028 Lansing, Michigan		(Main Switchboard) 517/374-9640 517/373-6794	PEAS#1/800-292-4706
Larry Kane, Chief Permits and Approvals Enforcement & Operations Branch Division of Water Pollution Control Indiana Board of Health 1330 West Michigan Avenue Indianapolis, Indiana 46202	N/A (Kane's #)	317/622-0790 317/633-0761	317/633-0144

REGIONAL TOXIC SUBSTANCES COORDINATORS

	OFFICE		24 HR. NUMBER
	FTS	COMMERCIAL	
<u>REGION I</u>			
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<u>REGION II</u>			
Fred Rubel, Chief Emergency Response and Hazardous Materials Inspection Branch U.S. Environmental Protection Agency Edison, New Jersey 08817	8/340-6658	201/321/6658	201/548-8730
<u>REGION III</u>			
Charles Sapp Regional Toxic Substances Coordinator U.S. Environmental Protection Agency 6th & Walnut Streets Philadelphia, Pennsylvania 19106	8/597-4058	215/597-4058	215/597-9898
<u>REGION IV</u>			
Ralph Jennings, Chief (Toxic Coordination & Compliance Section) Regional Toxic Substances Branch U.S. Environmental Protection Agency 345 Courtland Street NE Atlanta, Georgia 30308	8/257-3864	404/881-3864 404/881/3454	1/800-241-1754 (Hot Line)
<u>REGION V</u>			
Karl E. Bremer Regional Toxic Substances Coordinator U.S. Environmental Protection Agency Air and Hazardous Materials Division 230 South Dearborn Street Chicago, Illinois 60604	8/353-2291	312/353-2291	312/353-2318

	OFFICE		24 HR. NUMBER
	<u>FTS</u>	<u>COMMERCIAL</u>	
<u>REGION VI</u>			
Norman Dyer Regional Toxic Substances Coordinator U.S. Environmental Protection Agency First International Building 1201 Elm Street Dallas, Texas 75720	8/729-2735	214/767-2734	214/767-2720
<u>REGION VII</u>			
Wolfgang Brandner Regional Toxic Substances Coordinator U.S. Environmental Protection Agency 1735 Baltimore Kansas City, Missouri 64108	8/758-3036 or 6538	816/374-6538 816/374-3036	816/374-3778
<u>REGION VIII</u>			
* Dept. is in the process of changing things around - # could be different next month.			
Lou Johnson, Chief Toxic Substances Branch (8AH-TS) U.S. Environmental Protection Agency 1860 Lincoln Street Denver, Colorado 80295	8/327-3926	303/837-3926	303/837-3880 EF for Haz. Mat. & Oil Spills
<u>REGION IX</u>			
Robert Kuykendal Regional Toxic Substances Coordinator Pesticide Branch U.S. Environmental Protection Agency 100 California Street San Francisco, California	8/556-3352	415/556-3352	415/567-6476
<u>REGION X</u>			
Jim Everts Regional Toxic Substances Coordinator U.S. Environmental Protection Agency 1200 6th Avenue Seattle, Washington 98101	8/399-1090	206/399-1090	

HEADQUARTERS CONTACTS FOR TOXIC SUBSTANCES
EMERGENCY INCIDENTS

	OFFICE		<u>24 HR. NUMBER</u>
	<u>FTS</u>	<u>COMMERCIAL</u>	
Brenda Greene	8/755-0444	202/755-0444	
Office of Regional Operations		202/755-0507	
Intergovernmental Operations - Alan Magazine		202/755-0914	
John Seitz - Branch Chief of Compliance Enforcement Office of Toxic Substances		202/755/1212	202/426-2675
Terrell Hunt, Branch Chief Enforcement Toxic Substances Branch of Pesticide and Toxic Substances Enforcement Division	8/755-9406	202/755-1212	
Office of Legislation Congressional Affairs Division	8/755-0490	202/755-0490	

DISPOSAL ASSISTANCE DIRECTORY
(SOLID/HAZARDOUS WASTES)

<u>ILLINOIS</u>	<u>OFFICE</u>		<u>24 HR. NUMBER</u>
	<u>FTS</u>	<u>COMMERCIAL</u>	
Mike Miller, Manager Hazardous Wastes Illinois EPA Division of Lan Pollution Ctonrol	8/956-6760	217-782-6760	217-782-3637
<u>INDIANA</u>			
David Lamm, Supervisor Sanitary Engineering Indiana State Board of Health Solid Waste Management Section		317/633-0176	317-633-0144
<u>MICHIGAN</u>			
Fred Kellow, Chief Resource Recovery Division - Solids Michigan DNR	8/322-1315	517/322-1315	517-373-7660
Robert Courchaine, Chief Water Quality Division - Liquids Michigan DNR	8/253-1947	517/373-1947	517-373-7660
<u>MINNESOTA</u>			
Dale Wikre, Director Solid Waste Division Minnesota PCA 1843 W. County Rd. C Roseville, Minnesota		612/297-2735	612/296-7373
<u>OHIO</u>			
Don Day, Chief Office of Lan Pollution Control Ohio EPA	8/942-8934	614/466/8934	800/282-0270
<u>WISCONSIN</u>			
Bob Krill, Director Bureau of Solid Waste Wisconsin DNR 101 S. Webster Madison, Wsiconsin 53703		608/266-2111	608/266-3232

DISPOSAL ASSISTANCE DIRECTORY
(RADIATION)

<u>ILLINOIS</u>	<u>OFFICE</u>		<u>24 HR. NUMBER</u>
	<u>FTS</u>	<u>COMMERCIAL</u>	
Maury Neuweg, Chief Division of Radiological Health Illinois Department of Public Health 525 West Jefferson Street Springfield, Illinois 62761	8/956-2283	217/782-2283	217/782-3637
Mr. Gary N. Wright, Chief Division of Nuclear Safety Illinois Department of Public Health 525 West Jefferson Street Springfield, Illinois 62761		217/782-2283	217/782-3637
<u>INDIANA</u>			
Mr. Hal S. Stocks, Chief Division of Radiological Health Indiana State Board of Health 1330 West Michigan Street Indianapolis, Indiana 46206		317/633-6340	317/633-0144
<u>MICHIGAN</u>			
Mr. D. E. VanFarowe, P.E., Chief Division of Radiological Health Michigan Department of Public Health 3500 North Logan Street Post Office Box 30035 Lansing, Michigan 48909	8/253-1410	517/373-1410	517/373-7660
<u>MINNESOTA</u>			
Ms. Alic Dolezal, Chief Section of Radiation Control Department of Health 717 Delaware Street, S.E. Minneapolis, Minnesota 55440	8/776-5323	612/296-5323	612/890-7782/296-73 Home Division of Emergency Services

<u>OHIO</u>	<u>OFFICE</u>		<u>24 HR. NUMBER</u>
	<u>FTS</u>	<u>COMMERCIAL</u>	
Mr. James Wynd, Engineer-in-Charge Radiological Health Unit Ohio Department of Health 246 North High Street Columbus, Ohio 43215 (Health Effects and Routine Inquiries)		614/466-8873	612/837-2349
Adjutant General 2825 West Granville Street Worthington, Ohio 43085 (Radiation Problem Situations)		614/889-7157	614/837-2349
<u>WISCONSIN</u>			
Mr. Lawrence J. McDonnel, Chief Section of Radiation Protection Wisconsin Department of Health and Social Services 1 West Wilson Street Madison, Wisconsin 53701	8/366-1791	608/266-7464	608/266-3232
<u>DEPARTMENT OF ENERGY</u>			
Regional Coordinating Office for Radiological Assistance Chicago Operations Office 9700 South Cass Avenue Argonne, Illinois 60439	8/972-2000	312/972-2000	312/972-2000

Annex XVII
2700 Region V Spill Response Equipment

2701 The Regional Response Center Equipment Inventory

2701.1 The Regional Response Center relies on contractors to respond even to the initial steps of containing a spill. Thus the equipment that is kept by the Regional Response Center is limited to safety, communication and monitoring equipment. A reference library that includes the U.S.C.G. maps, is complimented by the Oil & Hazardous Materials Technical Assistance Data System (OHMTADS) terminal. The Terminal is also accessible to the Chemical Information System (CIS) as a whole.

2701.2 Equipment Inventory

The following equipment is available for use by government personnel:

Respirators
10-SCBA MSA Model 401
5-SCBA Scott Airpack
1-SCBA Survive Air
14-Robert Shaw 5-minute escape packs

Assorted replacement parts including extra face pieces

6-MSA compressed air cylinders
24-MSA Ultra Twin full face masks
6-Acme full face masks
Assorted cartridges
Assorted half-face masks

Detectors

2-Draeger tube pumps Model 31
2-Tritectors
6-MSA Detection Tube Pump Kit
3-HNU Photo Ionization Detectors
5-MSA Combustable Gas Detectors
3-Radiation Survey Meters with probes
3-Geiger Counters and Probes
3-Sentox Portable Gas Detectors with alarm

- 1 IR Gas Dector
- 1 Metal Dector

Assorted Equipment

- 1 Hatcah Equipment
- 2 Emergency Eye Wash
- 1 Compressed Air Powered bung opener
- 1 Remote Barrel opener
- 3 Soil Test Kits
- 2 MSA Safety Belts
- 6 MSA Safety Harness
- 3 Well Sounders
- 15 Motorola 2 Way Radios

2702 Emergency Response Vehicle Equipment List -- Eastern District Office

SAFETY

- Scott Air Pack (pressure demand)
- 2 spare tanks
- MSA gas masks
- Safety rope and harness
- 12- Hard hats
- 2- Flashlights
- Binoculars
- Disposible gloves
- Safety glasses
- Face shield
- Ear protection
- 12- Fire extinguishers
- First aid kit
- Flares

EQUIPMENT

- Containment boom - 2-25' sections
- Boots
- Sample bottles
- Sorbant
- Drager Multi Gas Detector w/tubes
- Dye
- MSA Explosometer
- Overalls
- Rain Gear
- pH paper
- Tools
- Camera

COMMUNICATIONS

- Beeper
- Mobile phone
- CB radio
- AM radio

REFERENCE BOOKS

Contingency Plans (National/Regional)
Chris Manuals (USCG)
Dangerous Properties of Industrial Materials by Sax
Guide on Hazardous Materials by NFPA
The Condensed Chemical Dictionary by Hewley

EMERGENCY RESPONSE PICK UP TRUCK INVENTORY

BACK SEAT

State county maps
Hat, hard hat
Gloves, coveralls
Lantern, Flashlight
First aid kits
Warning triangles
Hatchet, machete
Binoculars
Camera, film
Drager tubes
pH paper
Dye tablets
Electrical, masking tape
Oil sorbent
Starting fluid
Slick depth measurer

BACK

Pick, shovel
Ropes
Rain gear
Air pack & 2 spare tanks
Sorbent boom, pads
Siphon dam pipes
Fire extinguisher
Explosimeter
Sample jars
Hip boots
Knee boots
Disposable gloves
Rubber gloves
Respirator
Drager stroke counter
Pliers/cutters
Mini crowbar

2703 Detroit Michigan Office Spill Response Equipment

- 1 Scott Airpack
- 2 Survivair
- 1 Explosion meter
- 1 Truck response vehicle
sampling gear, tools, plastic piping
- 1 Safety harness
- 1 Explosion proof flashlight
- 1 Gas mask with face shield
- 2 Nomex coveralls
- 1 50' Acme boom with 6" skirt

NATIONAL RESPONSE TEAM

Attendance October 23, 1980

<u>Dept/Agency</u>	<u>Name</u>	<u>Telephone</u>
CEQ	Bryan Baas	395-5780
EPA	H. D. Van Cleave	245-3045
	David Weitzman	755-4390
	Karen Burgen	426-8990
	T. J. Charlton	245-3045
	R. E. Hess	426-9571
	Rod Turpin	
DOT/USCG	CAPT. C. Corbett	426-2010
	CDR R. Rufe, Jr.	426-9568
	CDR A. Umberger	
	LT M. Tobbe	
	LT J. Spitzer	
	LTJG K. McGonagle	
	LTJG R. Gaudiosi	
	LTJG D. Zelazney	
	ENS P. Logan	
	ENS J. Gift	
	CWO T. Jozwair	
	CAPT Rahman	
	W. J. Burnes	
	David A. Bourdon	472-2428
Interior	Columbus Brown	343-5452
Defense	Bill Walker	697-7403
	LCDR Mike Armintrout	695-1150
Commerce	Marvin B. Rubin	377-2652
	Judith Roales	443-8906
Agriculture	Peter F. Smith	447-7828
HHS	Peter J. Cifala	443-1240
	Dr. W. Mattersdorf	472-3811
Energy	L. J. Deal	353-4093
FEMA	Nathan S. Ray	396-5583
Labor	Thomas A. Towers	523-7272
	Richard J. Peppin	376-2001
State	Peter Bernhardt	632-4970
	Robert Monks	632-4970
NTSB	Walter S. Miguez	472-6124
<u>Other</u>		
Ecology	Gerard Gallegher	
Environmental Inc.		
Vanderbilt Univ.	Dr. Raymond Harbison	
Medical School		

A copy of the National Contingency Plan, dated
March 19, 1980 may be obtained upon request.

FRONTISPIECE

This Plan, including the Annexes, provides for a pattern of coordinated and integrated response by Departments and Agencies of the Federal Government to protect the environment from the damaging effects of pollution discharges. It promotes the coordination and direction of Federal and State response systems and encourages the development of local government and private capabilities to handle such discharges.

The objectives of this Plan are to provide for efficient, coordinated, and effective action to minimize damage from oil and hazardous substance discharges, including containment, dispersal and removal. The Plan, including the Annexes, provides for 1) assignment of duties and responsibility among Federal departments and agencies in coordination with State and local agencies, 2) identification and procurement of equipment and supplies, 3) designation of strike forces to provide necessary services to carry out the Plan, 4) a system of reporting designed to insure the earliest possible notice of discharges of oil and hazardous substances to the appropriate Federal agency, 5) a schedule identifying dispersants and other chemicals, if any, that may be used in carrying out the Plan, and 6) a system whereby the State or States affected by a discharge may be reimbursed for reasonable costs incurred in the removal of such discharge.

This Plan is effective for the navigable waters of the United States and adjoining shorelines.

This Regional Oil and Hazardous Substances Pollution Contingency Plan (Region V Inland) is intended for use by government agency personnel, particularly those who may be called out to respond as members of the Regional Response Team (RRT) during spill incidents. A few copies may be made available as needed to non-government organizations who are involved in spill related activities.

REGIONAL OIL AND HAZARDOUS SUBSTANCES
POLLUTION CONTINGENCY PLAN
REGION FIVE (INLAND)

This Regional Contingency Plan of Region Five (Inland) has been prepared within the framework of the National Oil and Hazardous Substances Pollution Contingency Plan and provides a mechanism for coordinating response to a spill of oil or other hazardous substances. Agencies involved in this plan are:

Federal Government

Primary Agencies

Environmental Protection Agency

Department of Transportation (U.S. Coast Guard)

Department of Defense (Corps of Engineers)

Department of Interior

Department of Commerce

Advisory Agencies

Department of Energy

Department of Health, Education, and Welfare

Department of Justice

Department of State

Federal Disaster Assistance Administration

State Governments

Illinois Environmental Protection Agency

Indiana Stream Pollution Control Board

Michigan Water Resources Commission

Minnesota Pollution Control Agency

Ohio Environmental Protection Agency

Wisconsin Department of Natural Resources

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REGIONAL OIL AND HAZARDOUS SUBSTANCES

POLLUTION CONTINGENCY PLAN

100 INTRODUCTION

101 Authority

101.1 This Regional Oil and Hazardous Substances Pollution Contingency Plan has been developed in compliance with the Federal Water Pollution Control Act, as amended, (33 U.S.C. 1251, et seq.). Operation of the National Contingency Plan requires a nationwide net of regional contingency plans for the removal of spilled oil and hazardous substances. These regional plans shall be revised and amended as needed from time to time. This EPA Region V document is directed toward fulfilling the responsibilities outlined under the law.

102 Purpose and Objectives

102.1 This Plan, including the Annexes, provides for a pattern of coordinated and integrated response by Departments and Agencies of the Federal Government to protect the environment from the damaging effects of pollution discharges. It promotes the coordination and direction of Federal and State response systems and encourages the development of local government and private capabilities to handle such discharges.

102.2 The objectives of this Plan are to provide for efficient, coordinated, and effective action to minimize damage from oil and hazardous substance discharges, including containment, dispersal, and removal. The Regional Plan, including the Annexes, provides for:

- 1) Assignment of duties and responsibility among Federal department and agencies in coordination with State and local agencies,
- 2) Identification, procurement, maintenance, and storage of equipment and supplies,
- 3) Designation of a strike force to provide necessary services to carry out the Plan,
- 4) A system of surveillance and reporting designed to insure the earliest possible notice of discharges of oil and hazardous substances to the appropriate Federal agency,
- 5) Procedures and techniques to be employed in identifying, containing, dispersing, and removing oil and hazardous substances,
- 6) Listing, in cooperation with the States, of dispersants and other chemicals, if any, that may be used in carrying out the Plan, and
- 7) Describing a system whereby the State or States affected by a discharge may be reimbursed for reasonable costs incurred in the removal of such discharge.

103 Scope

103.1 This Plan is effective for all inland United States waters and shorelines in Region Five. Region boundaries are indicated in Annex IV.

103.2 The provisions of the Plan are applicable to all Federal agencies. Implementation of the Plan is compatible with and complementary to the joint U.S. - Canadian Contingency Plan including the annexes pertaining to the Great Lakes, international assistance plans and agreements, security regulations, and responsibilities based upon Federal statutes and Executive Orders.

104 Abbreviations

104.1 Department and Agency Title Abbreviations

CEQ	- Council on Environmental Quality
Commerce	- Department of Commerce
Corps	- U.S. Army Corps of Engineers
DHEW	- Department of Health, Education, and Welfare
DOD	- Department of Defense
DOE	- Department of Energy
DOI	- Department of Interior
DOT	- Department of Transportation
EPA	- Environmental Protection Agency
FDA	- Federal Disaster Assistance Administration (HUD)
HUD	- Department of Housing and Urban Development
Justice	- Department of Justice
MarAd	- Maritime Administration
NOAA	- National Oceanic and Atmospheric Administration
State	- Department of State
USCG	- U.S. Coast Guard
USGS	- U.S. Geological Survey
USN	- U.S. Navy

104.2 Operational Title Abbreviations

ERT	- Environmental Response Team
NRC	- National Response Center
NRT	- National Response Team
NSF	- National Strike Force
OSC	- On-Scene Coordinator
RRC	- Regional Response Center
RRT	- Regional Response Team
SRC	- Subregional Response Center

104.3 Regional Abbreviations

CDO - Central District Office
CDO/INRU - Central District Office
EDO - Eastern District Office
EDO/MIRU - Eastern District Office/Michigan Response Unit
WDO - Western District Office
COTP - Captain of the Port (USCG)

105 Definitions (within the meaning of this Plan)

105.1 Act - means the Federal Water Pollution Control Act, PL 92-500 (86 Stat. 816)

105.2 Discharge - includes but is not limited to any spilling, leaking, pumping, pouring, emitting, emptying, or dumping. (For the purposes of this Plan, discharges permitted pursuant to sections 301, 302, 306, 318, 402, or 404 of the Act or section 102 of PL 92-532 are not included.)

105.3 On-Scene Coordinator (OSC) - means the Federal official pre-designated by the EPA or the USCG to coordinate and direct Federal discharge removal efforts under Regional Contingency Plans at the scene of an oil or hazardous substance discharge.

105.4 United States - means the States, the District of Columbia, the Commonwealth of Puerto Rico, the Canal Zone, Guam, American Samoa, the Virgin Islands, and the Trust Territory of the Pacific Islands.

105.5 Coastal waters - generally are those U.S. waters navigable by deep draft vessels, the contiguous zone, the high seas and other waters subject to tidal influence.

105.6 Inland waters - generally are those waters upstream from coastal waters.

105.7 Contiguous Zone - means the entire zone established by the United States under Article 24 of the Convention on the Territorial Sea and the Contiguous Zone. This is the zone contiguous to the territorial sea which extends 12 miles seaward from the baseline from which the territorial sea is measured.

105.8 Public health or welfare - includes consideration of all factors affecting the health and welfare of man, including but not limited to human health, the natural environment, fish, shellfish, wildlife, and public and private property, shorelines and beaches.

- 105.9 Major Disaster - means any hurricane, tornado, storm, flood, high water, wind-driven water, tidal wave, earthquake, drought, fire, or other catastrophe in any part of the United States which, in the determination of the President, is or threatens to become of sufficient severity and magnitude to warrant disaster assistance by the Federal Government to supplement the efforts and available resources of States and local governments and relief organizations in alleviating the damage, loss, hardship or suffering caused thereby.
- 105.10 Oil - means oil of any kind or in any form, including but not limited to, petroleum, fuel oil, sludge, oil refuse and oil mixed with wastes other than dredged spoil.
- 105.11 Hazardous substance - means any substance designated pursuant to subsection (b)(2) of section 311 of the Act.
- 105.12 Minor discharge - is a discharge, to the inland waters, of less than 1,000 gallons of oil or, to the coastal waters, a discharge of less than 10,000 gallons of oil.
- 105.13 Medium discharge - is a discharge of 1,000 to 10,000 gallons of oil to the inland waters or 10,000 to 100,000 gallons of oil to the coastal waters or a discharge of a hazardous substance in a harmful quantity as specified by regulations.
- 105.14 Major discharge - is a discharge of oil of more than 10,000 gallons to the inland waters or more than 100,000 gallons to the coastal waters or a discharge of a hazardous substance that poses a substantial threat to the public health or welfare.
- 105.15 Potential discharge - is any accident or other circumstance which threatens to result in the discharge of oil or hazardous substance. A potential discharge shall be classified by its severity based on the guidelines above.
- 105.16 Primary Agencies - are those Departments or Agencies comprising the NRT and designated to have primary responsibility and resources to promote effective operation of this Plan. These agencies are: Commerce, DOD, DOI, and EPA.
- 105.17 Advisory Agencies - are those Departments or Agencies which can make major contributions during response activities for certain types of discharges. These Agencies are: ERDA, DHEW, Justice, FDAA, and State.
- 105.18 Remove or Removal - is the removal of oil or hazardous substance from the water and shorelines or the taking of such other actions as may be necessary to minimize or mitigate damage to the public health or welfare. For purposes of this Plan, removal refers to Phase III and IV response operations.

200 POLICY AND RESPONSIBILITY

201 Federal Policy

201.1 The Congress has declared that it is the policy of the United States that there should be no discharge of oil or hazardous substance into or upon the navigable waters of the United States, adjoining shorelines, or into or upon the waters of the contiguous zone (Sec. 311 (b)(1) of the Act).

201.2 The primary thrust of this Plan is to provide a coordinated Federal response capability at the scene of an unplanned or sudden, and usually accidental, discharge of oil or hazardous substances that poses a threat to the public health or welfare. Initial actions of the Federal OSC, designated pursuant to Part 1510.36 of the National Plan and this Regional Plan, shall be to determine, in accordance with section 311 (c)(1) of the Act, if the actions taken by the person responsible for the discharge of oil or hazardous substance are proper to remove the discharge. The OSC should, if practicable, insure that the person responsible for the discharge is aware of his responsibility and is encouraged to undertake necessary countermeasures. In the event that the person responsible for the discharge does not act promptly, does not take or propose to take proper and appropriate actions to remove the discharged pollutants, or if the person responsible for the discharge is unknown, further Federal response actions shall be instituted as required in accordance with this Plan. When the person responsible for the discharge is taking proper action, the OSC shall observe and monitor progress, and provide advice, counsel, and logistical support as may be necessary.

201.3 Removal actions taken pursuant to section 311 (c)(1) of the Act are limited to the navigable waters of the United States, adjoining shorelines and the waters of the contiguous zone. When a discharge or potential discharge that poses a threat to the waters of the U.S. occurs outside the jurisdiction under section 311 (c) of the Act, the procedures of this Plan apply to the extent practicable and removal action will be accomplished pursuant to other Agency authorities.

201.4 In accordance with section 311 (d), whenever a marine disaster in or upon the navigable waters of the United States has created a substantial threat of pollution hazard to the public health or welfare, because of a discharge, or an imminent discharge, of large quantities of oil, or of a hazardous substance from a vessel, the United States may:

- 1) coordinate and direct all public and private efforts directed at the removal or elimination of such threat and

- 2) summarily remove and, if necessary, destroy such vessel by whatever means are available without regard to any provisions of law governing the employment of personnel or the expenditure of appropriated funds.

This authority has been delegated to the Administrator of EPA and the Secretary of the Department in which the Coast Guard is operating, respectively, in and for the waters for which each has responsibility to furnish or provide the OSC under this Plan.

201.5 In addition to any other actions taken by a State or local government, when the Administrator of EPA or the Secretary of the Department in which the Coast Guard is operating determines there is an imminent and substantial threat to the public health and welfare because of an actual or threatened discharge of oil or hazardous substance into or upon the waters of the United States from any onshore or offshore facility, he may require, through the Attorney General, that the U.S. Attorney of the district in which the threat occurs secure such relief as may be necessary to abate such threat. This authority could be exercised on request of the NRT.

201.6 The Federal agencies possessing facilities or other resources which may be useful in a Federal response situation will make such facilities or resources available for use in accordance with this Plan and as consistent with operational requirements, within the limits of existing statutory authority, and within the spirit of the President's intention to minimize discharges and their effects when they do occur.

201.7 Environmental pollution control techniques shall be employed in accordance with applicable regulations and guidelines and the Regional Contingency Plan. In any circumstances not covered by regulations or the Regional Contingency Plan, the use of chemicals shall be in accordance with Annex X and must have the concurrence of the EPA representative or alternate representative on the RRT or, in his absence, the concurrence of the appropriate EPA Regional Administrator.

202 Federal Responsibility

202.1 Each of the Primary and Advisory Federal Agencies has responsibilities established by statute, Executive Order or Presidential Directive which may bear on the Federal response to a pollution discharge. This Plan intends to promote the expeditious and harmonious discharge of these responsibilities through the recognition of authority for action by those Agencies having the most appropriate capability to act in each specific situation. Responsibilities and authorities of these several Agencies relevant to the control of pollution discharges are detailed in Annex VII to this part.

202.2 The Council on Environmental Quality is responsible for the preparation, publication, revision and amendment of the National Contingency Plan. The Council will receive the advice of the NRT on necessary changes to the Plan and shall insure that any disagreements arising among members of the NRT are expeditiously settled.

202.3 The Department of Commerce, through NOAA, provides support to the NRT, RRT and OSC with respect to marine environmental data, living marine resources, current and predicted meteorological, hydrologic and oceanographic conditions for the high seas, coastal and inland waters, and maps and charts, including tides and currents for coastal and territorial waters and the Great Lakes. When requested by NRT, MarAd will provide advice on the design, construction and operation of merchant ships.

202.4 The Department of Defense, consistent with its operational requirements, may provide assistance in critical pollution discharges and in the maintenance of navigation channels, salvage, and removal of navigation obstructions.

202.5 The Department of Health, Education, and Welfare is responsible for providing expert advice and assistance relative to those discharges or potential discharges that constitute or may constitute a threat to public health and safety.

202.6 The Department of Housing and Urban Development, through FDAA, maintains an awareness of pollution emergencies and evaluates any request for a major disaster declaration received from a Governor of a State pursuant to Public Law 93-288. If the President declares that a pollution emergency constitutes a major disaster or that a major disaster is imminent as defined by Public Law 93-288, the Director, FDAA, will coordinate and direct the Federal response.

202.7 The Department of Interior, through the USGS, supplies expertise in the fields of oil drilling, producing, handling, and pipeline transportation. Also, the USGS has access to and supervision over continuously manned facilities which can be used for command, control, and surveillance of spills occurring from operations conducted under the Outer Continental Shelf Lands Act. Additionally, the Department of Interior will provide, through its Regional Coordinators, technical expertise to the OSC and RRT with respect to land, fish and wildlife, and other resources for which it is responsible.

202.8 The Department of Justice can supply expert legal advice to deal with complicated judicial questions arising from discharges and Federal agency responses.

202.9 The Department of Transportation provides expertise regarding all modes of transporting oil and hazardous substances. Through the USCG, the Department supplies support and expertise in the domestic/international fields of port safety and security, marine law enforcement, navigation, and construction, manning, operation, and safety of vessels and marine facilities. Additionally, the Coast Guard maintains continuously manned facilities that are capable of command, control, and surveillance for oil discharges occurring on the waters of the United States or the high seas. The USCG is responsible for chairing the RRT and for implementing, developing, and revising, as necessary, the regional plans for those areas where it is assigned the responsibility to furnish or provide for OSCs (Sec. 306.2).

202.10 The Department of State will provide leadership in developing joint international contingency plans. It will also provide assistance in coordination when a pollution discharge transects international boundaries or involves foreign flag vessels.

202.11 The Department of Energy is the designated Agency for administration, implementation and coordination of the Interagency Radiological Assistance Plan (IRAP). DOE will provide advice and assistance to the NRT with respect to the identification of the source and extent of radioactive contamination, and removal and disposal of radioactive discharges.

202.12 The Environmental Protection Agency, through the Office of Water and Hazardous Materials, provides expertise regarding environmental effects of pollution discharges and environmental pollution control techniques, including assessment of damages. EPA shall also advise the RRT and OSC of the degree of hazard a particular discharge poses to the public health and safety. EPA is responsible for chairing the RRT and for development, revision and implementation, as necessary, of regional plans for those areas in which it has responsibility to furnish or provide for the OSC (Sec. 306.2). EPA will provide guidance to and coordinate with DOT regarding pollution control and protection of the environment in the preparation of regional plans.

202.13 All Federal agencies are responsible for minimizing the occurrence of discharges and for developing the capability to respond promptly in cases of discharges from facilities they operate or supervise, and for making resources available for Federal pollution response operations.

202.14 In addition to paragraph 202.13 of this section, Primary Agencies are responsible for:

- 1) Leading all Federal agencies in programs to minimize the number of and environmental damage associated with discharges from facilities they operate or supervise,
- 2) Providing representation to the NRT and the RRT's,

- 3) Developing, within their operating elements, the capability for a rapid, coordinated response to any pollution discharge,
- 4) Making information available to the NRT, RRT, or OSC as necessary, and
- 5) Keeping NRT and the RRT's informed consistent with national security considerations, of changes in the availability of resources that would affect the operation of this Plan.

203 Non-Federal Responsibility

203.1 The States are invited to provide liaison to RRT's and shall designate the appropriate element of the State government that would undertake direction of State supervised discharge removal operations. The designated agency shall be the single State governmental element that will seek reimbursement for removal operation expenditures in accordance with section 311 (c) (2)(H) of the Act. Details on reimbursement to States for removal actions taken pursuant to this Plan are contained in 33 CFR, Part 153, and Annex IX--Funding. Annex III, Part 3.17, lists the names and telephone numbers of designated State RRT funding liaison contacts.

203.2 Industry groups, the academic community, and others are encouraged to commit resources for removal operations. Their specific commitments are outlined by the regional plans. Of particular relevance is the organization of a standby scientific response capability.

300 PLANNING AND RESPONSE ORGANIZATION

301 Emergency Response Activities and Coordination

301.1 For pollution emergency response activities, Federal on-scene coordination is accomplished through the OSC. He reports to and receives advice from an RRT composed of appropriate representatives from the Regional and District offices of the Primary and Advisory Agencies.

301.2 National level coordination is accomplished through the NRT which receives reports from and renders advice to the RRT. Activities are coordinated through the National and various regional response centers.

301.3 The organizational concepts of this Plan are shown in Figure 1.

302 National Response Team

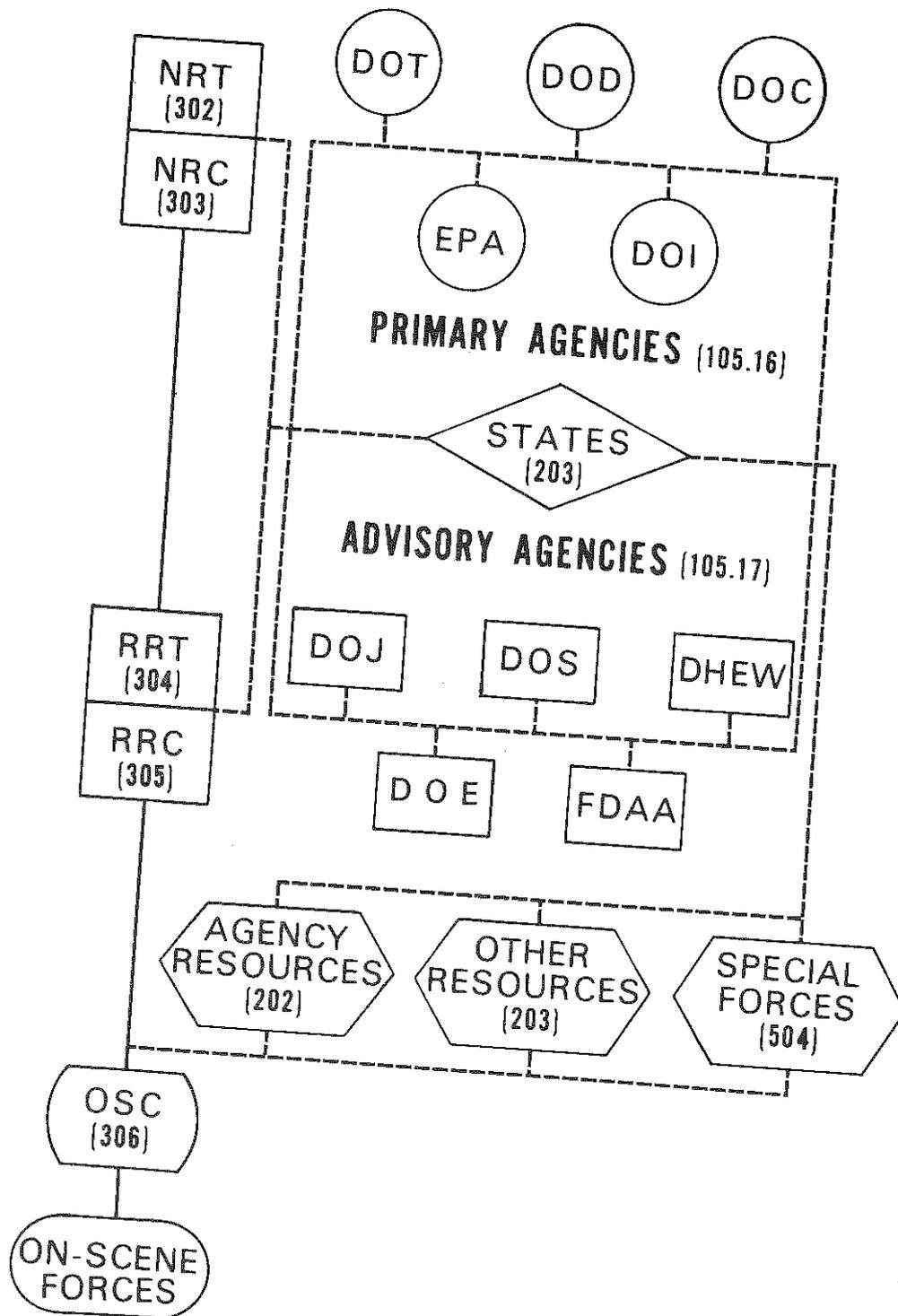
302.1 The NRT consists of representatives from the Primary and Advisory Agencies. It serves as the National body for planning and preparedness actions prior to a pollution discharge and for coordination and advice during a pollution emergency. It shall be organized and shall function as outlined in Annex II of the National Plan.

302.2 The NRT shall establish and maintain a Committee on Revision of the National Plan. This Committee shall provide suggested revisions to the NRT for consideration, approval and publication by CEQ. The Primary Agencies shall provide membership on this standing committee. Advisory Agencies shall participate whenever revision or proposed amendments would affect those Agencies.

302.3 Based on a continuing evaluation of response actions, the NRT shall consider and make recommendations to appropriate agencies relating to training and equipping response team personnel; necessary research, development, demonstration and evaluation stockpiling and other operational matters as the need arises. CEQ shall be advised of any agency's failure to adequately respond to these recommendations.

302.4 During pollution emergencies, the NRT shall act as an emergency response team to be activated in the event of a discharge involving oil or hazardous substances which 1) exceeds the response capability of the region in which it occurs, 2) transects regional boundaries, or 3) involves significant numbers of persons or nationally significant amounts of property. The NRT can be called out also upon request by any Primary Agency representative. Each representative, or an appropriate alternate, shall be notified by telephone of activation of the NRT. The NRT has no operational control of the OSC.

CONTINGENCY PLAN CONCEPTS



(NUMBERS REFER TO SECTIONS OF THIS PLAN)

Fig. 1

303 National Response Center

303.1 The NRC, located at Headquarters, USCG, is the Washington, D. C., headquarters site for activities relative to pollution emergencies. NRC quarters are described in Annex III of the National Plan and provided communications, including a continuously manned communication center, information storage, and necessary personnel and facilities to promote the smooth and adequate functioning of this activity.

304 Regional Response Team

304.1 The RRT consists of regional representatives of the Primary and selected Advisory Agencies, as appropriate. RRT shall act within its region as an emergency response team performing response functions similar to those described for NRT. RRT will also perform review and advisory functions relative to the regional plan similar to those prescribed for NRT at the National level. Additionally, the RRT shall determine the duration and extent of the Federal response and when a shift of the on-scene coordination from the predesignated OSC to another OSC is indicated by the circumstances or progress of a pollution discharge.

304.2 Each Primary Agency shall designate one member and a minimum of one alternate member to the RRT. Each Advisory Agency may designate a member. Agencies may also provide additional representatives as observers to meetings of the RRT. Individuals representing the participating agencies may vary depending on the subregional area in which the discharge occurred or removal actions are underway. Details of such representation are specified in Annex III of this plan.

304.3 Each of the States lying within a region is invited to furnish liaison to the RRT for planning and preparedness activities. When the Team is activated for a pollution emergency, the affected State or States are invited to participate in RRT deliberations. See Annex III of this Plan for names of designated State representatives.

304.4 The RRT shall be activated automatically in the event of a major or potential major discharge. The RRT shall be activated during any other pollution emergency by an oral request from any Primary Agency representative to the Chairman of the team. Designated State representatives, upon conferring with either the USEPA or the USCG and gaining their agreement, can also activate the RRT. Such requests for team activation shall be confirmed in writing. The time of team activation shall be confirmed means of contact shall be included in POLREPS submitted in accordance with Annex V of this Plan.

304.5 The Chairman may require assembly of all or selected members of the team at the emergency center during a pollution response operation to provide technical support and assistance to the OSC.

304.6 Deactivation of RRT shall be by agreement between the EPA and USCG team members. The time of deactivation shall be included in POLREPS submitted in accordance with Annex V of this Plan.

304.7 Boundaries of the Standard Federal Regions as shown in Annex IV of this Plan shall be followed for the development of the Regional Contingency Plan. As a minimum, these areas shall be defined to correspond to the areas in which the Environmental Protection Agency and the Coast Guard are respectively responsible for furnishing or providing for the OSC's.

304.8 The planning and preparedness functions of the team are outlined below:

- 1) Develop procedures to promote the coordinated actions of all Federal, State, and local government and private agencies in response to pollution incidents.
- 2) Review reports from the On-Scene Coordinator on the handling of major spills and pollution incidents for the purposes of analyzing response actions and recommending needed improvements in the contingency plans.

304.9 Response functions would be performed anytime the team is activated. The degree of response and therefore the extent of the RRT activity would depend on the particular situation. Specific functions of the RRT are outlined below.

- 1) Monitor incoming reports and evaluate the possible impact of the spill. Maintain an awareness of proposed actions of the On-Scene Coordinator.
- 2) Coordinate the actions of the various agencies in supplying needed assistance to the On-Scene Coordinator. Assistance will normally be obtained through the appropriate member of the Regional Response Team.
- 3) Provide advice as required of the On-Scene Coordinator and recommend courses of action for consideration by the On-Scene Coordinator. The Regional Response Team, however, has no direct operational control over the On-Scene Coordinator.
- 4) Determine the nature and extent of Federal Response required.
- 5) Recommend deployment of personnel to monitor the handling of the spill.
- 6) Request other agencies and groups to consider taking appropriate response action.
- 7) Determine when a shift of on-scene coordination from the pre-designated OSC is indicated by circumstances and designate the appropriate OSC.

- 8) Provide a focal point for public relations (See Annex VI).

305 Regional Response Center

305.1 For pollution control activities under this Plan, the Regional Response Center is accommodated at the Environmental Protection Agency's Region V office in Chicago, Illinois. The Regional Response Center is accommodated in quarters described in Annex II, Sec. 2.04.5 of this Plan, and will provide communications, information storage and other necessary personnel and facilities to promote the proper functioning and administration of this Plan.

305.2 Quarterly meetings of Primary Agencies and supporting Advisory Agencies will be held for the purpose of reviewing past RRT actions and for planning future actions. The meetings will generally be held at the USCG District offices in Cleveland or St. Louis or at the RRC Office in Chicago.

306 On-Scene Coordination

306.1 Coordination and direction of Federal pollution control efforts at the scene of a discharge or potential discharge shall be accomplished through the OSC, predesignated by regional plan to coordinate and direct such pollution control activities in each area of the region.

- 1) In the event of a discharge of oil or hazardous polluting substance, the first official on the site from an agency having responsibility under this Plan shall assume coordination of activities under the Plan until the arrival of the OSC.
- 2) The OSC shall determine pertinent facts about a particular spill, such as its potential impact on human health and welfare, the nature, amount, and location of material discharged, the probably direction and time of travel of the material, the resources and installations which may be affected and the priorities for protecting them.
- 3) The OSC shall initiate and direct as required Phase II, Phase III and Phase IV operations. Advice provided by the EPA representative on the RRT on use of chemicals in Phase III and Phase IV operations in response to discharges of oil or hazardous substances shall be binding on the OSC, except as provided for by Annex X.
- 4) The OSC shall call upon and direct the deployment of needed resources in accordance with the regional plan to evaluate the magnitude of the discharge and to initiate and continue removal operations.
- 5) The OSC shall provide necessary support activities and documentation for Phase V activities.

- 6) In carrying out this Plan, the OSC will fully inform and coordinate closely with RRT to ensure the maximum effectiveness of the Federal effort in protecting the natural resources and the environment from pollution damage.

306.2 EPA and the USCG shall insure that OSC's are predesignated for all areas within the region:

- 1) The EPA is responsible for furnishing or providing for On-Scene Coordinators for the inland waters in Region V. A more detailed description of the OSC areas of responsibility is included in Annex IV.
- 2) The USCG Ninth District is assigned the responsibility to provide OSC's for the open waters of the Great Lakes including Lake St. Clair, the interconnecting rivers, major bays, ports and harbors, and the tributary rivers to the limits of their navigability by large bulk carriers. As this is the coastal regional area of Region V, a more detailed description of the area of responsibility is included in the contingency plan developed by the Ninth Coast Guard District for the coastal regional area within Region V. See Annex IV, Sec. 4.09, on Ninth Coast Guard District OSC Boundaries.
- 3) The U.S. Coast Guard Second District is assigned the responsibility to provide OSC's for several rivers and river port areas according to agreements reached with EPA Region V. See Annex IV, Sec. 4.08, on Second Coast Guard District OSC Boundaries. River areas not covered in Sec. 4.08 fall under EPA authority relative to OSC's but Coast Guard assistance can be requested if its personnel and equipment are available.
- 4) The major consideration in selection of the OSC shall be based upon that Agency's capability and resources for pollution control response activities and the individual OSC's knowledge of the National Contingency Plan and the appropriate Regional Contingency Plan.

306.3 All Federal Agencies are required by executive order to develop emergency plans and procedures for dealing with accidental pollution. All Federal agencies, therefore, are responsible for designating the offices to coordinate response actions for facilities or vessels under their jurisdiction and for the provision of means to remove or mitigate the effects of discharges from their facilities. If the responsible Agency does not act promptly or take appropriate action, the EPA or USCG shall, depending on the area in which the discharge occurs, assume the OSC functions. Pollution control actions taken must be in accordance with Federal regulations and guidelines, EPA policies and this plan.

400 OPERATIONS - RESPONSE PHASES

401 Phase Groupings

401.1 The actions taken to respond to a pollution discharge can be separated into five relatively distinct classes or phases. For descriptive purposes, these are: Phase I - Discovery and Notification; Phase II - Evaluation and Initiation of Action; Phase III - Containment and Countermeasures; Phase IV - Removal, Mitigation and Disposal; and Phase V - Documentation and Cost Recovery. It must be recognized that elements of any one phase may take place concurrently with one or more other phases.

402 Phase I - Discovery and Notification

402.1 A discharge may be discovered through 1) a report submitted by a discharger in accordance with statutory requirements, 2) deliberate search by vessel patrols and aircraft and 3) random or incidental observations by government agencies or the general public. In the event of receipt of a report by the discharger, written verification of such notification shall be provided by the receiving Federal agency within seven working days.

402.2 In the event of a deliberate discovery, the discharge will be reported directly to the RRC. Reports from random discovery may be initially through fishing or pleasure boats, police departments, telephone operators, port authorities, news media, or others. Reports generated by random discovery should be reported to the nearest USCG or EPA office. Regional plans shall provide for such reports to be channeled to the RRC as promptly as possible to facilitate effective response action. Reports of major and medium discharges received by either EPA or USCG shall be expeditiously relayed by telephone to the other agency. Reports of minor discharges shall be exchanged between EPA and USCG as agreed to by the two agencies.

402.2 The Agency furnishing the OSC for a particular area is assigned responsibility for implementing Phase I activities in that area.

403 Phase II - Evaluation and Initiation of Action

403.1 The OSC shall insure that a report of a discharge is immediately investigated. Based on all available information, the OSC shall 1) evaluate the magnitude and severity of the discharge, 2) determine the feasibility of removal, and 3) assess the effectiveness of removal actions.

403.2 The OSC shall, when appropriate and as soon as possible after receipt of a report, advise the RRC of the need to initiate further governmental response actions. This may be limited to activation of the RRT or a request for additional resources to conduct further surveillance or initiation of Phase III or Phase IV removal operations.

403.3 The OSC shall insure that adequate surveillance is maintained to determine that removal actions are being properly carried out. If removal is not being done properly, the OSC shall so advise the responsible party. If, after the responsible party has been advised and does not initiate proper removal action, the OSC shall, pursuant to section 311 (c)(1) of the Act, take necessary action to remove the pollutant.

403.4 If the discharger is unknown or otherwise unavailable, the OSC shall proceed with removal actions pursuant to section 311 (c)(1) of the Act.

404 Phase III - Containment and Countermeasures

404.1 These are defensive actions to be initiated as soon as possible after discovery and notification of a discharge. These actions may include public health and welfare protection activities, source control procedures, salvage operations, placement of physical barriers to halt or slow the spread of a pollutant, emplacement or activation of booms or barriers to protect specific installations or areas, control of the water discharge from upstream impoundments and the employment of chemicals and other materials to restrain the pollutant and its effects on water related resources.

405 Phase IV - Cleanup, Mitigation, and Disposal

405.1 This includes actions taken to recover the pollutant from the water and affected public and private shoreline areas, and monitoring activities to determine the scope and effectiveness of removal actions. Actions that could be taken include the use of sorbers, skimmers and other collection devices for floating pollutants, the use of vacuum dredges or other devices for sunken pollutants, the use of reaeration or other methods to minimize or mitigate damage resulting from dissolved, suspended or emulsified pollutants; or special treatment techniques to protect public water supplies or wildlife resources from continuing damage.

405.2 Pollutants and contaminated materials that are recovered in cleanup operations shall be disposed of in accordance with procedures agreed to at the State or local level.

406 Phase V - Documentation and Cost Recovery

406.1 This includes a variety of activities, depending on the location of and circumstances surrounding a particular discharge. Recovery of Federal removal costs and recovery for damage done to Federal, State or local government property is included; however, third party damages are not dealt with in this Plan. The collection of scientific and technical information of value to the scientific community as a basis for research and development activities and for the enhancement of understanding of the environment may also be considered in this phase. It must be recognized that the collection of samples and necessary data must be performed at the proper times

during the case to fix liability and for other purposes. See Annex VIII.

407 Special Considerations

407.1 Safety of personnel. Actual or potential polluting discharges that could have an imminent and substantial effect on both air and water media can pose serious hazards to personnel health and safety. The OSC should be aware of this potential and should exercise caution in allowing civilian or government personnel into the affected area without first verifying the nature of the substance discharged. See Annex XV.

407.2 Waterfowl conservation. Oil discharges particularly in estuarine and near shore areas, often cause severe stress to resident migratory bird species. The DOI representatives and the State liaison to the RRT shall arrange for and coordinate actions of professional and volunteer groups that wish to establish bird collection, cleaning and recovery centers. For specific instructions on bird conservation or cleaning operations, consult specialists in the U.S. Fish and Wildlife Service, DOI. Specific information on acceptable practices can be found in the "General Guidelines for Responding to Oil and Hazardous Material Discharges", U.S. Fish and Wildlife Service, Region III, July 23, 1976.

500 COORDINATING INSTRUCTIONS

501 Delegation of Authority

501.1 When required, delegation of authority or concurrence in proposed or continuing pollution control activities initially may be oral; however, written confirmation by the EPA representative on RRT should be completed as soon as possible.

502 Multi-Regional Actions

502.1 In the event that a discharge or a potential pollution emergency moves from the area covered by one contingency plan into another area, the authority to initiate pollution control actions shall shift as appropriate. In the event that a polluting spill or potential spill affects areas covered by two or more regional plans, the response mechanism called for by both plans shall be activated; however, pollution control action shall be fully coordinated as detailed in Annex II.

502.2 There shall be only one On-Scene Coordinator at any time during the course of a response operation. Should a discharge affect two or more areas, the RRT will designate the OSC, giving prime consideration to the area vulnerable to the greatest damage. NRT shall designate the OSC if members of one RRT or of two adjacent RRT's, if appropriate, are unable to agree on the designation.

503 General Pattern of Response Actions

503.1 When the predesignated Federal On-Scene Coordinator receives a report of a discharge, or potential discharge, the report should be evaluated. In most situations, the sequence of actions shown below should be followed:

- 1) Investigate the report to determine pertinent information such as the threat posed to public health or welfare, the type and quantity of material discharged, and the source of the discharge.
- 2) Effect communications and reporting in accordance with Annex V to this Plan.
- 3) Determine, in accordance with section 311 (c)(1) of the Act, whether removal actions are being carried out properly. Removal is considered as being done properly when the following criteria are met:
 - a) Private cleanup efforts are effects in terms of the statutory definition of removal, that is, they are fully sufficient to minimize or mitigate damage to the public health or welfare. Private removal efforts shall be deemed "improper" to the extent

- that Federal efforts are necessary to prevent continued or further damage.
- b) Private removal efforts must be in accordance with applicable regulations and guidelines, Annex X, and other provisions and restrictions of this Plan.

4) Designate the severity of the situation and determine the future course of action to be followed.

5) Determine whether State action to effect removal is necessary.

503.2 The result of the report probably can be categorized by one of five classes. Appropriate action to be taken in each specific type case is outlined below:

- 1) If the investigation shows that the initial information overstated the magnitude or danger of the discharge and there is no environmental pollution involved, it shall be considered a false alarm and the case should be closed.
- 2) If the investigation shows a minor discharge with the discharger taking cleanup action, contact is made with the discharger. The removal action should be monitored to insure continued proper action by the owner or operator of the vessel, onshore facility or offshore facility from which the discharge occurred.
- 3) If the investigation shows a minor discharge with improper action being taken, the following measures shall be taken:
 - a) An immediate effort should be made to prevent further discharges from the source.
 - b) The discharger shall be advised of the proper action to be taken.
 - c) If the discharger does not follow this advice, warning of the discharger's liability for the cost of removal pursuant to section 311 (f) shall be given.
 - d) The OSC should notify appropriate State and local officials. He shall keep the RRC advised and initiate Phase III and IV operations as conditions warrant.
 - e) Information shall be collected for possible recovery of removal costs when removal is effected in accordance with section 311 (c)(1) of the Act.

- 4) When a report or investigation indicates that a medium discharge has occurred or that the potential for a medium discharge exists, the OSC shall follow the same general procedures as for a minor discharge. Additionally, the OSC shall make a recommendation concerning team activation to the Chairman of the RRT.
- 5) When a report indicates that a major discharge has occurred, that a potential major pollution emergency exists, or that a discharge or potential discharges which could arouse wide public concern has occurred, the OSC shall follow the same procedures as for minor and medium discharges. RRC and NRT shall, however, be notified immediately of the situation even if the initial report has not been confirmed.

503.3 POLREP communications with USCG Districts Two and Nine will be performed as outlined below:

- 1) Minor discharge - A POLREP report should be mailed to the appropriate USCG District Office.
- 2) Medium discharge - A POLREP report should be sent to the District Office by TWX or TELEX. If possibility exists that the spill might become a major one, this fact should be explained.
- 3) Major discharge - A telephone call should be made promptly to the District Office followed by TWX or TELEX POLREPS at appropriate intervals. TWX POLREPS on major discharges will also be sent to the CG Headquarters in Washington.

504 Special Forces

504.1 The National Strike Force (NSF) shall be established consisting of personnel trained, prepared, and available to provide necessary services to carry out this Plan. This NSF shall be formed around the Strike Teams established by the U.S. Coast Guard on the East, West, and Gulf coasts, and including the Environmental Response Team (ERT) established by the EPA, when required. The NSF shall provide assistance to the OSC during Phase III, IV, and V operations as the circumstances of the situation dictate. When possible, the NSF will provide training to the Emergency Task Forces and participate with the Regional Response Team in Regional Contingency Plan development.

- 1) The Strike Teams established by the U.S. Coast Guard are able to provide communications support, advice and assistance for oil and hazardous substances removal. These teams include expertise in ship salvage, diving, and removal techniques and methodology.

- 2) The Environmental Response Team established by EPA to carry out the Agency's disaster and emergency responsibilities can provide the OSC and NSF with advice on the environmental effects of oil and hazardous substances discharges and removal and mitigation of the effects of such discharges. This team includes expertise in biology, chemistry, engineering and, when necessary, meteorology and oceanography.
- 3) The Emergency Task Forces established pursuant to section 311 (c)(2)(C) shall consist of trained personnel with adequate supplies of oil and hazardous pollution control equipment and materials and detailed discharge removal plans for their areas of responsibility.
- 4) The NSF and ERT will generally respond to requests for assistance from the OSC. Requests for the NSF may be made directly to the Commanding Officer of the appropriate Strike Team, the Coast Guard member on the RRT, the appropriate Area Commander, USCG, or to the Commandant, USCG, through the NRC.

505 Nuclear Pollution

505.1 In the event of a nuclear pollution incident, the procedures of the Interagency Radiological Assistance Plan, implemented by the Regional Coordinating Office for Radiological Assistance, DOE, shall apply.

Annex I

1.00 Distribution

1.01 Plan Distribution

1.01.1 This Plan will be distributed to designated offices of Primary and Advisory Agencies, State, and interstate water pollution control agencies and such other Federal, State, local, and private organizations which are cooperating with and participating in activities in support of the Plan.

1.01.2 Included in this formal distribution are the following organizations:

Environmental Protection Agency

- Region I - Lexington, Massachusetts (Boston)
- Region II - New York, New York
- Region III - Philadelphia, Pennsylvania
- Region IV - Atlanta, Georgia
- Region VI - Dallas, Texas
- Region VII - Kansas City, Missouri
- Region VIII - Denver, Colorado
- Region IX - San Francisco, California
- Region X - Seattle, Washington

Department of Transportation

Second Coast Guard District, St. Louis, Missouri
Coast Guard Captains of the Port

St. Louis, Missouri
Minneapolis/St. Paul, Minnesota
Paducah, Kentucky
Louisville, Kentucky
Cincinnati, Ohio
Huntington, West Virginia

Marine Safety Detachments

Davenport, Iowa
Peoria, Illinois
Evansville, Indiana
Marietta, Ohio

Ninth Coast Guard District, Cleveland, Ohio
Coast Guard Captains of the Port

Chicago, Illinois
Cleveland, Ohio
Detroit, Michigan
Duluth, Minnesota
Milwaukee, Wisconsin
Muskegon, Michigan
Sault Ste. Marie, Michigan
Toledo, Ohio

Department of Defense

Corps of Engineers, North Central Division
Chicago, Illinois

Districts

Chicago, Illinois
Detroit, Michigan
Rock Island, Illinois
St. Paul, Minnesota

Corps of Engineers, Lower Mississippi Valley Division,
Vicksburg, Mississippi

Districts

Huntington, West Virginia
Louisville, Kentucky
Pittsburgh, Pennsylvania

Headquarters Fifth U.S. Army
Office of Dep. Chief of Staff for Logistics
Engineer Division
Ft. Sam Houston, Texas

United States Navy
Ninth Naval Districts Headquarters
Great Lakes, Illinois

Department of Commerce

Weather Service Forecast Office, Region V
Chicago, Illinois

Department of Interior

Fisheries and Wildlife Service
Bureau of Sport Fisheries and Wildlife
North Central Region
Twin Cities, Minnesota

Department of Health, Education, and Welfare

Public Health Service
Bureau of Community Environmental Management
Chicago, Illinois

Department of Justice

Division of Land and Natural Resources
Washington, D.C.

Department of State

International Joint Commission
Washington, D.C.

Energy Research and Development Administration

Safety Division
Argonne, Illinois

Department of Housing and Urban Development

Federal Disaster Assistance Administration
Chicago, Illinois

State Water Pollution Control Agencies

Illinois Environmental Protection Agency
Springfield, Illinois

Indiana Stream Pollution Control Board
Indianapolis, Indiana

Michigan Water Resources Commission
Lansing, Michigan

Minnesota Pollution Control Agency
Minneapolis, Minnesota

Ohio Environmental Protection Agency
Columbus, Ohio

Wisconsin Department of Natural Resources
Madison, Wisconsin

Inter-State Water Pollution Control Agencies

Ohio River Valley Water Sanitation Commission (ORSANCO)
Cincinnati, Ohio

1.01.3 Other Federal, State, local, and private agencies and organizations will be added to the distribution list as appropriate.

Annex II

2.00 NOTIFICATION

2.01 General

2.01.1 The requirements for notification and reporting of spillage are dependent on the degree of severity of the occurrence. There are a number of factors that must be taken into account when determining the severity including the reliability of the reporting source, the location, the quantity and type of material, and the proximity and nature of adjoining critical water use areas. Considering the degree of severity, the discharge should be classified as either a minor, medium, or major discharge. This initial classification will be used to determine notification procedures until the degree of severity can be confirmed.

2.02 Notification Requirements

2.02.1 Initial notification would be accomplished by telephone or teletype message. Messages should be in the POLREP format. Normally the agencies receiving initial notification would receive subsequent POLREP's pertaining to the case.

2.02.2 Minor spills The OSC should report all minor spills to the Regional Response Center or the Subregional Response Center as appropriate. This may be accomplished by a teletype report titled POLREP ONE AND FINAL. Transmittal of minor spill reports will be made on a periodic basis to the Oil and Special Materials Control Division Headquarters in Washington, D.C. If local government cleanup action is required, cognizant officials should be notified.

2.02.3 Medium spills The OSC should report all medium spills to the Regional Response Center and the Subregional Response Center. This should be accomplished as soon as practicable by teletype message or telephone. Transmittal of medium spills reports should be made on a continuing basis to the Oil and Special Materials Control Division Headquarters. Further notification will be accomplished by the EPA Regional Response Center as indicated by the situation.

2.02.4 Major spills The OSC should immediately report all major or potential major spills to the Regional Response Center and the Subregional Response Center. This should be accomplished immediately by telephone and verified by teletype message. The RRC should immediately notify the EPA Regional Administrator and the RRT. Transmittal of major spill reports should be made on a continuing basis to the Oil and Special Materials Control Division Headquarters by teletype message.

2.03 National Level Telephonic Notification

2.03.1 During working hours and after hours and on weekends and holidays the NRC can be notified by contacting the Duty Officer, U.S. Coast Guard Headquarters, Washington, D.C. on 800-424-8802. Telephone notification received by the NRC will be evaluated by the Coast Guard member of the NRT. Notification of the remainder of the NRT will be considered when appropriate. Message reports to the NRT will be addressed as indicated in Section 5.05.2.

2.04 Regional Response Team Notification

2.04.1 Telephonic notification of all reports of a major or potential major spill and all pollution incidents received by the RRC will be evaluated by the EPA member of the RRT. Notification of the remainder of the RRT will be formally accomplished by the EPA member of the RRT if considered appropriate. However, individual agencies may elect to notify their respective RRT representatives through in-house communications channels upon learning of the details of the spill through the normal alerting procedures for the Region. Any member of the RRT may activate the RRT upon self-examination of the spill details. Members may elect to assemble at the RRC, the site of the spill or any other mutually agreeable location. Telephone contact numbers of the RRT are included in Annex III.

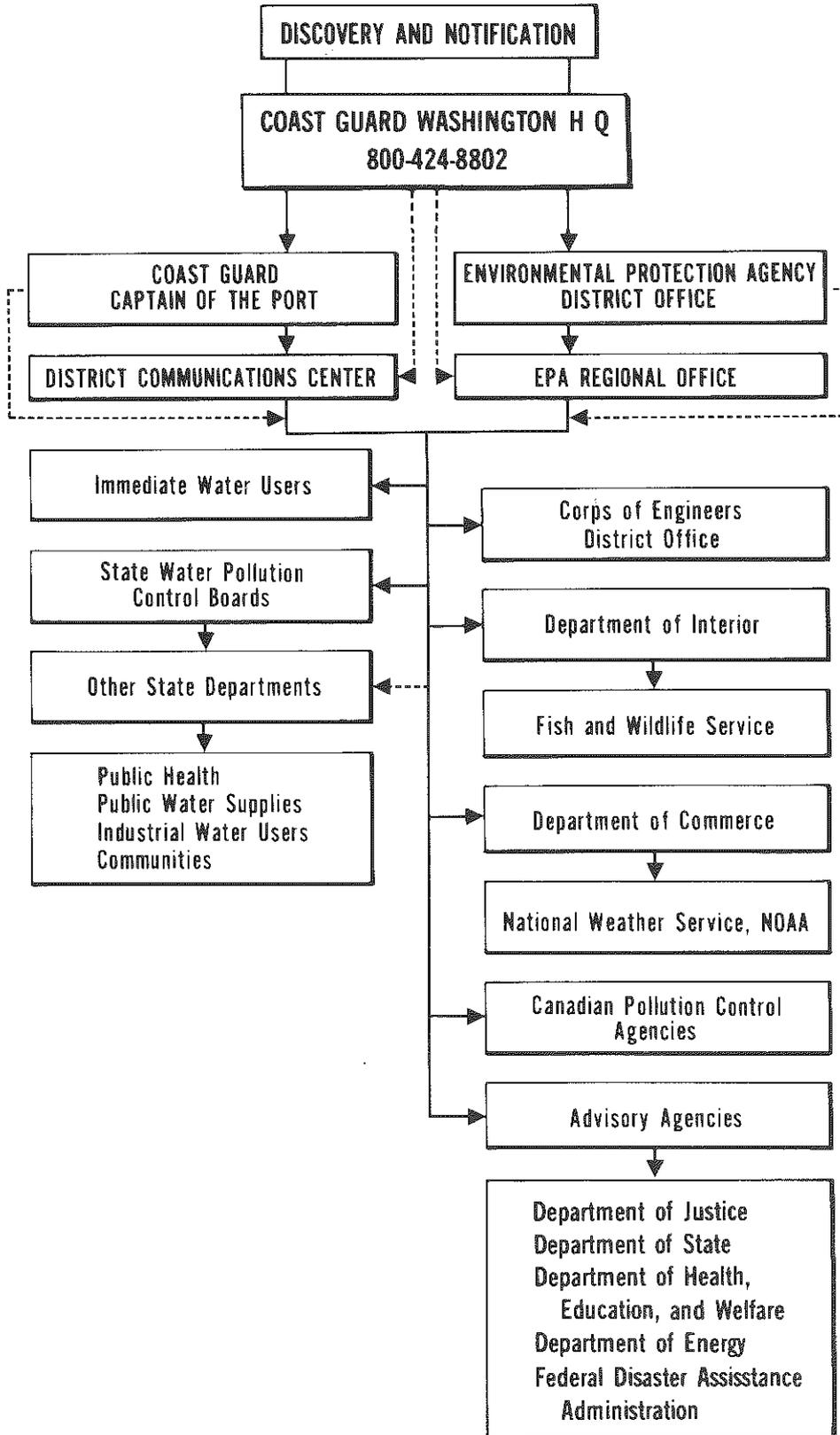
2.04.2 The RRT consists of representatives of the Primary Agencies and selected Advisory Agencies. For administrative purposes, the representative of the EPA will act as Chairman and the representative of the Coast Guard will act as Executive Secretary. On spill incidents occurring in Coast Guard OSC territory, the RRT would be chaired by a Coast Guard representative; on incidents in EPA territory, the RRT would be chaired by an EPA representative. Agency membership and access information are detailed in Annex III. Where an agency has more than one member listed on the RRT, the location and circumstances of a discharge will determine which member is activated. As appropriate, additional persons may be asked to work with the RRT in an advisory or consultative capacity. An RRT member should use, if appropriate, the advice and counsel of other persons from his own agency and other Federal, State, local, and private agencies.

2.04.3 The planning and preparedness functions of the team are outlined in Section 304.8.

2.04.4 Response functions would be performed anytime the team is activated. The degree of response and therefore the extent of the RRT activity would depend on the particular situation. Specific functions of the RRT are outlined in Section 304.9.

2.04.5 The RRC is the Regional Headquarters site for activities relative to pollution control emergency situations. The RRT is located at the Environmental Protection Agency Region V Office, John C. Kluczynski Building, 230 S. Dearborn Street, Chicago, IL 60604.

GENERAL ALERTING PROCEDURE



2.04.6 The RRC will provide communications facilities, access to charts, technical publications, computer storage and retrieval, and other necessary physical facilities.

2.05 Coordinated Response

2.05.1 For spill incidents which exceed the capabilities of the region or transect the regional boundaries, communications will be established and maintained with the National Response Center (NRC) and appropriate RRC of the region which may be affected by an incident in Region V. The 24-hour contact phone numbers of the NRC and RRC's bordering Region V are included in Annex III.

2.06 General Alerting Procedure

2.06.1 The pre-designated OSC's will be notified through the general alerting procedure for Region V. This procedure is graphically illustrated on page II-3. All spills should be immediately reported to the U.S. Coast Guard (either the appropriate Captain of the Port or District Communication Centers in St. Louis or Cleveland). If the District Communication Center is called first, the Center will notify the appropriate COTP. The Coast Guard COTP will notify immediate water users in the probable path of the pollutant and the appropriate EPA Office. Since the EPA District, Corps District, and Coast Guard COTP offices are pre-designated OSC's for specific aquatic areas of the region, these offices will notify their respective pre-designated OSC's upon notification through the general alerting procedure. Additionally, the EPA District Office will notify the U.S. Fish and Wildlife Service, pre-designated OSC in the event that a spill is a potential threat to a wildlife refuge. The Advisory Agencies will be notified as necessary.

2.06.2 The EPA District Office will alert the State and, where appropriate, the Canadian pollution control agency, the EPA Regional Office and, if warranted, appropriate Federal agencies such as the National Weather Service. State water pollution control agencies will notify other appropriate State departments, such as Public Health, so that public water supply installations, known industrial water users, and local communities will be made aware of the situation. State field offices will be notified for on-site investigations.

2.06.3 The Corps of Engineers District Offices should notify lock and dam personnel, if appropriate, of the pollution incident. Observations by these people may be helpful in spotting and tracing the location of pollutants as they move downstream. The Division Office should also be notified.

2.07 Alerting System Telephone Contacts

2.07.1 A telephone alert system, which is operational on a 24-hour basis, has been established to notify officials of various agencies in the event of a spill in Region V. Efforts to contact each agency noted in the plan will be continued until contact is established.

2.08 Pollution Report Requirements

2.08.1 Timely information on a spill including the situation and response activities is essential to the proper evaluation of the case. This information should be submitted in the POLREP format. The POLREP format is contained in Annex V, section 5.06.

2.08.2 Minor spills would normally be reported by the OSC in POLREP ONE AND FINAL. See section 2.02.2.

2.08.3 The OSC should submit timely POLREP's to the RRC and SRC on all moderate and major spills. The RRC or SRC is responsible for keeping the RRT advised. The RRT shall submit timely POLREP's to the NRT on major spills. This may be accomplished by double heading the OSC's POLREP's or by originating POLREP's by the RRT or a member of the team.

2.09 Administrative Report Requirements

2.09.1 At the conclusion of Federal activity resulting from a pollution incident, any OSC involved will, pursuant to applicable instructions of his own agency, submit an administrative report of the incident and the actions taken. Copies will be furnished to the NRT or RRT, as appropriate, together with any other information available to the forwarding group. The NRT will then evaluate each incident and will make appropriate recommendations.

2.09.2 In addition to the report required for pollution incidents, any spill which indicates a need for amendment to the plans, introduces new control techniques, or is otherwise of widespread interest should be documented and reported to the RRT and/or NRT as appropriate.

2.09.3 The primary purpose of these reports is the evaluation of control techniques and Federal response activities. Lengthy narrative not required for an understanding of the problems or recommendations need not be included. Sufficient descriptive information should however be included to permit full evaluation of the report.

Annex III

3.00 REGIONAL RESPONSE DIRECTORY

3.01 Regional Response Team

3.01.1 Primary Agency Representatives

Environmental Protection Agency, Region V
Regional Response Center

Russell Diefenbach
John C. Kluczynski Federal Building
230 S. Dearborn St.
Chicago, IL 60604
TWX 910-221-5191 WPCCHI

Office

Off Duty

8-353-2316/7 (FTS)
312-353-2316/7 (Com)
Spills only
8-353-2318 (FTS)

Spills only
312-353-2318 (Com)
312-896-7591 (Com)

Coast Guard, DOT

Ninth District
Capt. James A. Wilson
1240 East Ninth Street
Cleveland, OH 44199
TLX 910145 USCG CLV

8-293-3944 (FTS)
216-522-3944 (Com)

8-293-3983 (FTS)
216-522-3983 (Com)

Alternate
Cmdr. Ronald C. Pickup

8-293-3983/3919/
3332 (FTS)
216-522-3983 (Com)

8-293-3983 (FTS)
216-522-3983 (Com)

Second District
Capt. Bobby Burns
1430 Olive Street
St. Louis, MO 63103
TWX 910-761-1168 USCG STL

8-279-4655 (FTS)
314-425-4655 (Com)

8-279-4614 (FTS)
314-425-4614 (Com)

Alternate
Cmdr. Ralph W. H. Bartels

8-279-4655 (FTS)
314-425-4655 (Com)

8-279-4614 (FTS)
314-425-4614 (Com)

Corps of Engineers, DOD

North Central Division
Carl C. Cable
536 South Clark Street
Chicago, IL 60605
TWX 910-221-5625 NCD CECHGO

8-353-6372 (FTS)
312-353-6372 (Com)

8-353-6372 (FTS)
312-353-6372 (Com)

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

Lower Mississippi Valley Division
James Petersen
210 North 12th Street
St. Louis, MO 63101
TWX 910-761-1051 ENGR DIST STL

Office
8-273-1110 (FTS)
ask for
314-268-2106 (Com)

Off Duty
314-725-9548 (Com)

Ohio River Division
Patrick Carigan
Federal Building
Cincinnati, OH 45202
TWX 810-461-2659 OHIO RIVER DIV

8-684-3061 (FTS)
513-684-3061 (Com)

513-231-4167 (Com)

Fish and Wildlife Service, DOI

North Central Region
Dr. James B. Elder
Federal Building, Fort Snelling
Twin Cities, MN 55111
TELEX 290652 GSA FTS MPS

8-725-3536 (FTS)
612-725-3536 (Com)

612-888-7375 (Com)

National Weather Service, DOC
Region V States except Ohio

Central Region
Johnny S. Smith
601 East 12th Street
Kansas City, MO 64106

8-758-3239/
3230 (FTS)
816-374-3239 (Com)

816-374-3239 (Com)
816-781-4931 (Com)

Alternate
Laurence Shaffer

8-758-3239/
3230 (FTS)
816-374-3239 (Com)

816-374-3239 (Com)
913-722-1911 (Com)

Ohio

Eastern Region
Cleveland, OH

8-293-4949 (FTS)
216-522-4949 (Com)

216-267-0069 (Com)

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

3.01.2 Advisory Agency Representatives

	<u>OFFICE</u>	<u>OFF DUTY</u>
<u>Department of Health, Education and Welfare</u>		
Office of Regional Director Robert Ford, Asst. to Reg. Dir. 300 S. Wacker Drive Chicago, Illinois 60606	8-353-8874 (FTS) 312-353-8874 (Com)	312-299-3194 (Com)
<u>Federal Disaster Assistance Administration, HUD</u>		
Region Five Leo C. McNamee, Jr. 1 N. Dearborn Street Chicago, Illinois 60602	8-353-1500 (FTS) 312-353-1500 (Com)	312-852-5366 (Com)
<u>Federal Preparedness Agency, GSA</u>		
Crisis Management, Region Five Terry Vangen 230 S. Dearborn Street Chicago, Illinois 60604	8-353-8306 (FTS) 312-353-8306 (Com)	8-353-8306 (FTS) 312-353-8306 (Com)
<u>Regional Coordinating Office for Radiological Assistance, DOE</u>		
Chicago Operations Office Lieutenant in Charge, Argonne Safety Division 9800 South Cass Avenue Argonne, Illinois 60439 (After hours, ask for ERDA duty officer)	8-388-2165 (FTS) 312-839-7711 X2111 (Com)	8-388-4451 (FTS) 312-739-7711 X4451 (Com)
<u>Department of Justice</u>		
Illinois-Northern District Thomas Sullivan, U.S. Attorney Chicago 60604	8-353-5333 (FTS) 312-353-5333 (Com)	312-251-5872 (Com)
Illinois-Southern District Gerald D. Fines, U.S. Attorney Springfield 62705	8-955-4450 (FTS) 217-525-4450 (Com)	217-787-4017 (Com)
Illinois-Eastern District Frederick J. Hess, U.S. Attorney East St. Louis 62202	8-277-9361 (FTS) 618-274-2202 X361 (Com)	618-234-2009 (Com)
Indiana-Northern District David T. Ready, U.S. Attorney Fort Wayne 46801	8-333-9121/3 (FTS)	219-287-2797 (Com)

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

	<u>OFFICE</u>	<u>OFF DUTY</u>
<u>Department of Justice (Cont.)</u>		
Indiana-Southern District Virginia Dill McCarty, U.S. Attorney Indianapolis 46204	8-331-6333 (FTS) 317-269-6333 (Com)	317-257-6859 (Com)
Michigan-Eastern District Phillip Van Dam, U.S. Attorney Detroit 48226	8-226-7715 (FTS) 313-226-7715 (Com)	313-534-5036 (Com)
Michigan-Eastern District James S. Brady, U.S. Attorney Grand Rapids 49502	8-372-2404 (FTS)	616-456-1381 (Com)
Minnesota District Andrew Danielson, U.S. Attorney Minneapolis 55401	8-781-7430 (FTS) 612-781-7430 (Com)	612-927-7847 (Com)
Ohio-Northern District William Beyer, U.S. Attorney Cleveland 44114	8-293-4392 (FTS) 216-522-4392 (Com)	216-226-6464 (Com)
Ohio-Southern District James E. Rattan, U.S. Attorney Columbus 43216	8-943-5517 (FTS) 614-469-5517 (Com)	614-451-3660 (Com)
Wisconsin-Eastern District William J. Mulligan, U.S. Attorney Milwaukee 53202	8-362-1700 (FTS)	414-962-4008 (Com)
Wisconsin-Western District Frank M. Tuerkheimer, U.S. Attorney Madison 53701	8-364-5158 (FTS)	608-233-0708 (Com)

Department of State

International Joint Commission
National Response Center will reach appropriate representative
when spill is to boundary waters.
202-426-1830 (FTS, Com, 24 Hr)
800-424-8802 (Toll-free, 24 Hr)
For other communication numbers, see p. III-9.

**COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.**

3.02 Regional Spill Response Personnel
Environmental Protection Agency, Region Five, Chicago

<u>OFFICE FTS, COM</u>	<u>NAME</u>	<u>OFF DUTY, COM</u>
312-353-2316/7	Russell Diefenbach	312-353-2318
<u>SPILLS ONLY:</u>		896-7591 Res*
312-353-2318	Charles Castle	353-2318
		526-3644 Res*
	Chester Marcyn	353-2318
	Wayne Wilcox	353-2318
312-353-2300	Christopher Timm	692-5313
353-2000	George R. Alexander, Jr.	944-1359
	<u>Air Surveillance</u>	
312-353-2303	Charles Miller	312-865-1471
353-2303	Lucien Torrez	355-6029
353-2306	Gerald Regan	963-0695
	<u>Pesticides</u>	
312-353-2192	Dr. John Jordan	312-246-0423
	Carl Erickson	537-3347
	George Marsh	956-1089
	Dr. Mitchell Wrich	885-2403
	<u>Toxic Substances</u>	
312-353-2291	Karl Bremer	312-382-1251
353-0363		
353-0258		
	<u>Radiation</u>	
312-353-2205	Pete Tedeschi	312-352-7600 X345
	<u>Waste Management</u>	
312-353-2197	Karl Klepitsch, Jr.	312-838-2697
	<u>Enforcement</u>	
	<u>Oil & Hazardous Materials</u>	
312-353-2094	Joel Mintz	312-248-8348
	Eileen Bloom	328-9279
	<u>Central Regional Laboratory</u>	
312-353-8370	Curtis Ross	312-747-4355
	Dr. Billy Fairless	598-0584
	Dr. Emilio Sturino	857-7592

*OFFICIAL BUSINESS ONLY

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
 GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

3.03 Sub-Regional Spill Response Personnel
Environmental Protection Agency, Region Five

<u>OFFICE</u>	<u>OFFICE, FTS, COM</u>		<u>OFF DUTY, COM</u>
Central District Chicago, IL	312-353-6188 or 353-5638 Com, 24 Hr: 312-353-6188 TWX, WPCLMB: 910-221-1251	Ralph Coons Sylvester Bernotas Everett Mortenson Roscoe Libby Lee Townsend	815-436-6166 312-798-1283 649-1187 323-3615 986-0117
Central District Indiana Response Unit Evansville, IN	8-335-6264/5 812-423-6871 Com, 24 Hr: 812-464-2166	Anthony Rutter	812-422-8579
Eastern District Cleveland, OH	8-293-7260 8-293-3131 ask for 835-5200 or 216-522-7260 Beepers: Cwiek, 216-664-8498 Fredle, 216-664-8275 TWX, WPCCLE WLKE 810-427-9255	John Cwiek Joseph Fredle Phil Gehring Mark Maloney Donald Schregardus Richard Winklhofer	216-225-7736 949-7701 234-5621 228-6141 331-7594 835-0995
Eastern District Michigan Response Unit Detroit, MI	From Chicago: 220-676-6500 Other Cities: 8-226-7269 or 8-226-6000 ask for 676-6500 Com, 24 Hr: 313-676-6500 TWX, WPCGRI: 810-231-7184	Ross Powers William Harris Robert Bowlus Robert Buckley	313-283-2643 537-0925 283-8732 676-0635
Western District Minneapolis, MN	8-725-3272 or 8-725-4242 ask for 861-4467 Com, 24 Hr: 612-861-4467 TWX, WPCMPS: 910-576-2798	George Madany Robert Eckart Dale Bates Keith Beseke Gail Giltner Clarence Oster	612-869-8691 884-2221 454-4256 647-9939 454-7751 884-2565

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
 GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

3.04 Regional Response Centers
Environmental Protection Agency

	<u>OFFICE</u>	<u>OFF DUTY</u>
Region I - Boston (Lexington) TWX: EPA LXON 710-326-6901	8-223-7265(FTS) 617-223-7265(Com)	8-223-7265(FTS) 617-223-7265(Com)
Region II - New York (Edison, N.J.) TWX: EPA EDI EDIN 710-998-0598	8-340-6600(FTS) 201-548-8730(Com)	8-340-6600(FTS) 201-548-8730(Com)
Region III - Philadelphia TWX: EPAOHMPHA 710-670-0716	8-597-9898(FTS) 215-597-9898(Com)	8-597-9898(FTS) 215-597-9898(Com)
Region IV - Atlanta TWX: WPCATL 810-751-8145	8-257-3931(FTS) 404-881-4062(Com)	8-257-3931(FTS) 404-881-4062(Com)
Region V - Chicago TWX: WPCCHI 910-221-5191	8-353-2318(FTS) 312-353-2318(Com)	312-896-7591(Com)
Region VI - Dallas TWX: WPCDAL 910-861-4125	8-749-3840(FTS) 214-749-3840(Com)	8-749-3840(FTS) 214-749-3840(Com)
Region VII - Kansas City TWX: EPA KSC 910-771-2050	8-758-3778/3171(FTS) 816-374-3778/3171(Com)	8-758-3778(FTS) 816-374-3778(Com)
Region VIII - Denver TWX: EPADVR 910-931-2215	8-327-3880/2468(FTS) 303-837-3880/2468(Com)	8-327-3880(FTS) 303-837-3880(Com)
Region IX - San Francisco TWX: EPA REG 9 SFO 910-372-7845	8-556-6254(FTS) 415-556-6254(Com)	8-556-6254(FTS) 415-556-6254(Com)
Region X - Seattle TWX: EPA SEA 910-444-2015	8-399-1263(FTS) 206-442-1263(Com)	8-399-1200(FTS) 206-442-1200(Com)

3.05 National Response Center

United States Coast Guard Headquarters
Nassif Building
400 Seventh Street, S.W.
Washington, DC 20590

FTS: 8-426-1830 (24 Hr)
Com: 202-426-1830 / 800-424-8802 (toll-free) (24 Hr)
TWX: 710-822-1959 CG DOT WSH
TELEX: 892427 COAST GUARD WSH
Telecopier: 202-426-0014
Hotline: 22 (SS-1, GP-51826; Private line with EPA Regions and Coast Guard Districts)

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

3.06 Headquarters - Division of Oil and Special Materials Control

Environmental Protection Agency
East Tower, Room 1113
401 M Street, S.W.
Washington, D.C. 20460
TWX, EPA SPILLS WSH:

710-822-9269

Monday through Friday, 8:00 a.m. - 4:30 p.m., Eastern Time

FTS, COM

Hans Crump	202-245-3045
Walter Miquez	202-245-3045
Henry Van Cleave	202-245-3045
Russel Wyer	202-245-3048
Kenneth Biglane - Major Disasters Only	202-245-3048

Com

<u>All Other Hours</u>	
Hans Crump	202-554-2329
Walter Miquez	301-268-4618
Henry Van Cleve	703-978-2914
Russel Wyer	703-361-4809
Kenneth Biglane - Major Disasters Only	202-244-5911
Don Jones (Aircraft Surveillance Requests)	703-536-4566

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

3.07 U.S. Coast Guard
Ninth Coast Guard District, Cleveland

	<u>OFFICE</u>	<u>OFF DUTY</u>
Cleveland, OH District Communications Center TLX: 980145 USCG CLV	8-293-3983/ 3919(FTS) 216-522-3983/ 3919(Com)	8-293-3983/ 3919(FTS) 216-522-3983/ 3919(Com)
Buffalo, NY Captain of the Port TLX: 914142 USCG BUF	8-432-2000(FTS) 716-842-2000(Com)	8-432-2191(FTS) 716-842-2191(Com)
Chicago, IL Captain of the Port TLX: 980145 USCG CLV (relay)	8-353-1226(FTS) 312-353-1226(Com)	8-353-4400(FTS) 312-768-8000(Com)
Cleveland, OH Captain of the Port TLX: 980145 USCG CLV	8-293-4404(FTS) 216-522-4404(Com)	8-293-4405/4412/ 3983(FTS) 216-522-4405/4412/ 3983(Com)
Detroit, MI Captain of the Port TLX: 203416 USCG DET	8-226-7777(FTS) 313-226-7777(Com)	8-226-6870/6860 (FTS) 313-226-6870/6860 (Com)
Duluth, MN Captain of the Port TLX: 294424 USCG DUL	8-783-9285/9286(FTS) 218-727-6692 X412(Com)	8-783-9287/9286 (FTS) 218-727-4860(Com)
Milwaukee, WI Captain of the Port TLX: 980145 USCG CLV (relay)	8-362-3162/3181(FTS) 414-224-3162/3181(Com)	8-362-3165(FTS) 414-224-3165(Com)
Muskegon, MI Captain of the Port TLX: 980145 USCG CLV (relay)	8-372-1752/3(FTS) 616-759-0951(Com)	8-372-1752/3(FTS) 616-759-0357(Com)
Sault Ste. Marie, MI TLX: 980145 USCG CLV (relay)	906-635-5241/3(Com)	906-635-5241/3(Com)
Toledo, OH Captain of the Port TLX: 980145 USCG CLV (relay)	8-625-6372/7558(FTS) 419-259-6372/7558(Com)	8-625-6448(FTS) 419-259-6448(Com)

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

3.08 U.S. Coast Guard
Second Coast Guard District, St. Louis

	<u>OFFICE</u>	<u>OFF DUTY</u>
St. Louis, MO District Communications Center TWX: 910-761-1168 USCG STL	8-279-4655(FTS) 314-425-4655(Com)	8-279-4614(FTS) 312-425-4614(Com)
Minneapolis/St. Paul, MN Marine Safety Office TWX: 910-563-3646 USCG STP	8-725-7452(FTS) 612-725-7452(Com)	8-725-7452(FTS) 612-725-7452(Com)
Davenport, IA Marine Safety Detachment	8-863-1242(FTS) 319-322-6297(Com)	319-322-6297(Com)
St. Louis, MO Captain of the Port TWX: 910-761-1168 USCG STL	8-279-4657(FTS) 314-425-4657(Com)	8-279-4614(FTS) 314-425-4614(Com)
Peoria, IL Marine Safety Detachment	8-360-7195(FTS) 309-671-7195(Com)	8-360-7195(FTS) 309-671-7195(Com)
Paducah, KY Captain of the Port TWX: 610-546-1151 USCG PAD	8-352-7361(FTS) 502-442-1621(Com)	8-352-7361(FTS) 502-442-1621(Com)
Louisville, KY Captain of the Port TWX: 810-535-3258 USCG LVL	8-352-5194(FTS) 502-582-5194(Com)	8-352-7254(FTS) 502-684-7254(Com)
Evansville, IN Marine Safety Detachment	8-335-6275(FTS) 812-424-2717(Com)	812-424-2717(Com)
Cincinnati, OH Captain of the Port TWX: 810-461-2665 USCG CIN	8-684-3295(FTS) 513-684-3295(Com)	8-684-3295(FTS) 513-684-3295(Com)
Huntington, WV Captain of the Port TWX: 710-931-1913 USCG HTG	8-924-5524/5432(FTS) 304-529-5524/5432(Com)	304-529-5432(Com)
Marietta, OH Marine Safety Detachment	8-293-3131(FTS) 614-373-5476(Com)	614-373-5476(Com)

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
 GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

3.09 U.S. Army Corps of Engineers, DOD

	<u>Office, FTS</u>	<u>Office, Com</u>	<u>Off Duty, Com</u>
<u>North Central Division, Chicago</u>			
Carl C. Cable	8-353-6372	312-353-6372	312-357-4529
Peter Machinis	8-353-6379	312-353-6379	312-239-5366
Chester Holley	8-353-6373	312-353-6373	312-747-3597
<u>Chicago District</u>			
Richard Linden	8-353-6432	312-353-6432	312-355-4565
Timothy Monteen	8-353-7534/ 8385	312-353-7524/ 8385	312-482-4976
<u>Detroit District</u>			
Don Billmaier	8-226-6796	313-226-6796	313-291-3826
Stanley Jacek	8-226-6797	313-226-6797	313-463-7771
<u>Rock Island District</u>			
Monte Hines	8-360-6209	309-788-6361 X209	319-798-2363
Henry G. Pfiester	8-360-6275	309-788-6361 X275	319-391-3764
<u>St. Paul District</u>			
William L. Goetz	8-725-7541	612-725-7541	612-454-3722
Harold E. Taggatz	8-725-7561	612-725-7561	612-439-0784
<u>Duluth Office (St. Paul District)</u>			
Courtland Mueller	8-783-9264	218-727-9264	218-525-5058
<u>Lower Mississippi Valley Division, Vicksburg</u>			
William Curtis	8-542-4223	601-636-4223	601-636-0324
Thomas A. Nelson	8-542-4130	601-636-4130	601-636-1955
<u>St. Louis District</u>			
James Petersen	8-278-2106	314-268-2106	314-725-9548
L. A. Buchold	8-278-3938	314-268-3938	314-225-3208
<u>Ohio River Division, Cincinnati</u>			
David Pattison	8-684-3058	513-684-3058	606-689-7226
Patrick Carigan	8-684-3061	513-684-3061	513-231-4167

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

	<u>Office, FTS</u>	<u>Office, Com</u>	<u>Off Duty, Com</u>
<u>Huntington District</u>			
Col. George A. Bicher	8-924-5253	304-529-5253	304-522-4537
Howard K. Crisp	8-924-5610	304-529-5610	304-525-7492
<u>Louisville District</u>			
Larry Dickson	8-352-5613	502-582-5613	812-294-4087
Norbert Whitlock	8-352-6291	502-582-6291	502-935-7616
<u>Pittsburgh District</u>			
Col. Max Janairo	8-722-6800	412-644-6800	412-341-3693
Lt. Col. Paul Tomiczek	8-722-6801	412-644-6801	412-221-7643

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

3.10 Fish and Wildlife Service, DOI
Region 3, North Central, Minneapolis, Minnesota

Minnesota

Dr. James B. Elder
Twin Cities, Minnesota

FTS: 8-725-3536
Com: 612-725-3536
Off Duty Com: 612-888-7375

Brian Cole
Twin Cities, Minnesota

FTS: 8-725-3536
Com: 612-725-3536
Off Duty Com: 612-489-9665

NOTE: The North Central Regional office in Minneapolis will alert the sub-regional FWS offices as needed.

3.11 U.S. Geological Survey

George F. Brown, Regional Mgr.
Eastern Region
1725 K Street, NW, Suite 204
Washington, D.C. 20006

FTS: 8-254-3137
Com: 202-254-3137

Harry A. Dupont
Area Oil and Gas Supervisor

FTS: 8-634-6654
Com: 202-634-6654

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

3.12 U.S. Army Continental Command, DOD

DCSOI, HQ, Fifth U.S. Army, AFKB-OI-E
Ft. Sam Houston, Tex. 78234

Lt. Col. Roy Steves
FTS: 8-746-2525/2202
Com: 512-221-2525/2202
FTS 24 Hr: 8-746-3018/2901
Com 24 Hr: 512-221-3018/2901

Alternate

Frank Cathey, Plant Specialist
FTS: 8-746-5935/4713/3982
Com: 512-221-5935/4713/3982
FTS 24 Hr: 8-746-3018/2901
Com 24 Hr: 512-221-3018/2901

Army Decontamination Team

Lt. Col. Archie A. Ryder (Pentagon)
FTS: 8-695-7045
Com: 202-695-7045
FTS Off Duty: 8-697-0218/0219
Com Off Duty: 202-697-0218/0219

Major Victor Cohutt (Aberdeen)
Com: 301-671-3516/3044/4381
Com Off Duty: 301-671-2773/4259

NOTE: Before calling on the Army Team, confer first
with Headquarters, Division of Oil and Special
Materials Control.

3.13 U.S. Navy, DOD
Region Five States (except Ohio)

Capt. W. J. Burns, Jr.
Deputy District Civil Engineer
Northern Division Naval Facilities Engineering Command
Great Lakes Branch, Bldg. 1A
Great Lakes, Illinois 60088

FTS: 8-385-6895
Com: 312-688-6895
Duty Office: FTS: 8-385-4820(after day hours)
Com: 312-688-4820(after day hours)

Alternate

Ens. Steve Phalon
FTS: 8-385-2279
Com: 312-688-2279
Duty Office: FTS: 8-385-4820(after day hours)
Com: 312-688-4820(after day hours)

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

Ohio

Capt. Lewis E. Diley USN
ACOS Operations and Logistics
Fourth Naval District Headquarters
Philadelphia, PA 19112
Duty Office: FTS: 8-485-3871
Com: 215-755-3871
Non-duty hours: Com: 215-755-3871

Alternates

CDR William Higgins USN
Fourth Naval District Plans Officer
Duty Office: FTS: 8-485-3871
Com: 215-755-3871
Non-duty hours: Com: 215-755-3871

CDR Richard M. Engle (CEC) USN
Deputy District Civil Engineering Officer
Duty Office: FTS: 8-485-3953
Com: 215-755-3953
Non-duty hours: Com: 215-755-3871

3.14 U.S. Air Force Reserve, DOD

Grady Maraman
Environmental Coordinator
Robbins Air Force Base, Georgia 31093
FTS: 8-286-5596
Com: 912-926-5596
Non-duty hours, AFR HQ Command Post:
FTS: 8-286-1113
Com: 912-926-1113

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

3.15 National Weather Service, NOAA, DOC
Weather Service Forecast Offices

Chicago, Illinois
Illinois, Lake Michigan, and Lake Superior

FTS: 8-353-4684/4765/2455
Com: 312-247-4545
Com: 312-353-2455/4684

Cleveland, Ohio
Ohio and Lake Erie

FTS: 8-293-4949
Com: 216-267-3900/0069

Detroit, Michigan
Michigan, Lake Huron, and Lake St. Clair

FTS: 8-226-6278/7011
Com: 313-226-6278
Com: 313-941-3746

Indianapolis, Indiana
Indiana

FTS: 8-331-6219/6221
Com: 317-247-9774

Milwaukee, Wisconsin
Wisconsin

FTS: 8-362-3243/3060
Com: 414-744-4630

Minneapolis, Minnesota
Minnesota, N. Dakota, and S. Dakota

FTS: 8-725-3400/3404
Com: 612-725-3400

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

3.16 State Pollution Control Agencies

	<u>Office</u>	<u>Off Duty</u>
<u>Illinois Environmental Protection Agency</u>		
Bill Busch	FTS: 8-956-3637/1696 Com: 217-782-3637/1696 TLX: 406430	8-956-3637 217-782-3637
On crude oil spills, call also Illinois Dept. of Mines and Minerals Division of Oil and Gas		
George R. Lane, Petr. Engr.	FTS: 8-956-7756 Com: 217-782-7756	217-546-1100
<u>Indiana Stream Pollution Control Board</u>		
John L. Winters	FTS: 8-336-0719 Com: 317-633-0719	8-336-0144 317-633-0144
Raymond Bailey	FTS: 8-336-0683 Com: 317-633-0683	8-336-0144 317-633-0144
Horace L. Smith	FTS: 8-336-0701 Com: 317-633-0701	8-336-0144 317-633-0144
On wells and leases, call Indiana Dept. of Natural Resources Oil and Gas Division		
Homer Brown, Director	FTS: 8-336-6853/6953 Com: 317-633-6853/6953	317-251-7547
John O'Tain, Asst. Director	FTS: 8-336-6853/6953 Com: 317-633-6853/6953	317-881-9659
<u>Michigan Department of Natural Resources</u>		
David M. Dennis	FTS: 8-253-1947 Com: 517-373-1947	8-253-7660 517-373-7660
<u>Minnesota Pollution Control Agency</u>		
Richard Kable	FTS: 8-776-7235/7373 Com: 612-296-7235/7373	8-776-7373 612-296-7373
John Aho	FTS: 8-776-7364/7373 Com: 612-296-7364/7373	8-776-7373 612-296-7373
Daryl Huggett	FTS: 9-776-7709/7373 Com: 612-296-7709/7373	8-776-7373 612-296-7373
<u>Ohio Environmental Protection Agency</u>		
John Dobbins	FTS: 8-942-6542 Com: 614-466-6542	614-224-0946
Ken Schultz	FTS: 8-942-6542 Com: 614-466-6542 TWX: 810-482-1875	614-224-0946
<u>Wisconsin Department of Natural Resources</u>		
Perry J. Manor	FTS: 8-366-2857 Com: 608-266-2857	8-366-3232 608-266-3232
Stanton J. Kleinert	FTS: 8-366-7721 Com: 608-266-7721	8-366-3232 608-266-3232

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

3.17 Designated State RRT Representatives

	<u>Office</u>	<u>Off Duty</u>
<u>Illinois</u> Bill Busch	FTS: 8-956-1696 Com: 217-782-1696	Com: 217-483-2002
<u>Indiana</u> L. Ray Bailey	FTS: 8-336-0683 Com: 317-633-0683	Com: 317-633-0144
<u>Michigan</u> David M. Dennis	FTS: 8-253-1947 Com: 517-373-1947	FTS: 8-253-7660(24 hr) Com: 517-373-7660(24 hr)
<u>Minnesota</u> Richard Kable	Com: 612-296-7235/7373	Com: 612-296-7373 Com: 612-434-6547
<u>Ohio</u> John Dobbins	FTS: 8-942-6542 Com: 614-466-6542 TWX: 810-482-1875	Com: 614-224-0946
<u>Wisconsin</u> Anthony S. Earl	FTS: 8-366-2121 Com: 608-266-2121	FTS: 8-366-3232 Com: 608-266-3232 Com: 608-238-1042
<u>Alternate</u> Perry J. Manor	FTS: 8-366-2857 Com: 608-266-2857	FTS: 8-366-3232 Com: 608-266-3232

3.18 Area Agencies

3.18.1 Inter-State Representatives

Ohio River Valley Water Sanitation Commission (ORSANCO)
414 Walnut Street
Cincinnati, Ohio 45202
William L. Klein
513-421-1151 (Com, 24 hr)
Organization representing States of Illinois, Indiana,
Kentucky, New York, Ohio, Pennsylvania, Virginia, and
West Virginia.

**COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.**

3.19 National Strike Force

3.19.1 Atlantic Strike Team
U.S. Coast Guard Air Base
Elizabeth City, N.C. 27909
Operational Duty Officer
FTS, days: 8-931-0357/8
FTS, after hours: 8-931-0268
Com, days: 919-338-1100/3941
Com, 24 hr: 919-338-1100
For equipment list see Sec. 21.08 in Annex XXI

3.19.2 Gulf Strike Team
U.S. Coast Guard
National Space Technology Laboratories
Bay St. Louis, MS 39529
Operational Duty Officer
FTS, 24 hr: 8-494-2380
Com, 24 hr: 601-688-2380
For equipment list see Sec. 21.09 in Annex XXI

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

3.20 Canadian Pollution Control Agencies

Transport Canada, Canadian Coast Guard
Emergency Operations, Toronto, Ontario
(Great Lakes situations)

	<u>Office, Com</u>	<u>Off Duty, Com</u>
Capt. C.J. Beckett Regional Manager for Emergency Operations Telex: 0623317 MOT RDCG 06523096 MOT CGTC TOR	416-369-3058	416-369-3058

Environment Canada
Environmental Protection Service, Toronto, Ontario
(Technical advice on water quality and pollution control techniques)

Robert W. Slater	416-966-5840	416-966-5840(24 hr)
Nick Vanderkooy	416-966-5840	416-459-8610
Telex: 0623601 DOE EPS TOR		

Ontario Ministry of the Environment, Toronto, Ontario
(Shore and inland situations)

P.G. Belling	416-965-3237	416-424-3000(24 hr)
G. Kay	416-965-3237/2537	416-424-3000(24 hr)
Telex: 0623496 EMV ONTOR		

Joint Response Team, Toronto, Canada
(When activated for U.S.-Canadian situations)

Capt. D. S. Whittet Acting Regional Director Canadian Coast Guard, Central Region Transport Canada Telex: 0623317 MOT RDMS TOR	416-369-3636	416-369-3058(24 hr)
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Note: Canadian commercial telephone numbers can be reached via
FTS by calling the Buffalo Operator at 8-437-4411(FTS) or
716-437-4411(Com).

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY.

Annex IV

4.00 GEOGRAPHIC BOUNDARIES

4.01 Regional Areas

Region V has been divided into two operational areas, inland and coastal, corresponding to the areas in which the Environmental Protection Agency and the Department of Transportation are respectively responsible for providing On Scene Coordinators. The inland regional area includes all the land territory of the six States of Region V including their inland lakes and rivers, and is the area to which this plan addresses itself. The coastal regional area consists of the open waters of the Great Lakes including Lake St. Clair, the interconnecting rivers, major bays, ports and harbors, and the tributary rivers to the limits of their navigability by large bulk carriers. The coastal regional area of Region V is described in more detail in the contingency plan developed by the Ninth Coast Guard District. State and local governmental agencies and private organizations are encouraged to develop contingency plans for their specific areas within the inland territory of Region V. Local contingency plans are encouraged to be developed by State, local governmental and/or private organizations for specific local areas within the inland area of Region V. These local plans would be connected to the alerting network of this plan. A list of non-federal plans are included in Annex XI.

4.02 EPA Boundaries

Region V of the Environmental Protection Agency consists of the States of Illinois, Indiana, Michigan, Minnesota, Ohio and Wisconsin. Region V has a Regional Office in Chicago, three District Offices located in Chicago, Cleveland, and Minneapolis, and Response Units in Detroit and Evansville. Region boundaries and District Office boundaries are included in this annex.

4.03 Department of Transportation Boundaries

The U.S. Coast Guard has portions of two Districts in the Environmental Protection Agency, Region V. The major portion of Region V is in the Ninth District, headquartered in Cleveland. The Second District, headquartered in St. Louis, covers the remaining portion of Region V and includes most of the Upper Mississippi River and Ohio River basins. Captain of the Port and District boundaries are included in this annex.

4.04 Department of Defense Boundaries

The U.S. Army Corps of Engineers has portions of three Divisions within the boundaries of EPA, Region V. The Great Lakes portion of the Region is in the North Central Division, headquartered in Chicago. The southern portion is in the Ohio River Division and a small portion is in the St. Louis District, Lower Mississippi Valley Division. Division and District boundaries are included in this annex.

4.05 Department of Interior Boundaries

The Fish and Wildlife Service in Region 3, also known as the North Central Region, covers all of the EPA Region V area. Graphical regional boundary descriptions are included in this annex.

4.06 Department of Commerce Boundaries

Under the Department of Commerce, NOAA, The National Weather Service Central Region, headquartered in Kansas City, MO, covers all the States of EPA Region V except Ohio. The State of Ohio is covered by the NWS Eastern Region, headquartered in Garden City, NY. The Eastern Region prefers that for situations involving the State of Ohio direct calls be made to the Cleveland Weather Service Forecast Office.

4.07 Federal Disaster Assistance Administration Boundaries

FDAA regional boundaries correspond to those of the EPA nationally since both agencies are organized under the Standard Federal Region system.

4.08 Second Coast Guard District OSC Boundaries

The Coast Guard Second District, is predesignated to provide the OSC on the following rivers, including a ten-mile band on each side of the river if the river is entirely within Region V or a ten-mile band on one side of the river where only that side is within Region V:

- Upper Mississippi River, Minneapolis-St. Paul, MN to Cairo, IL
- St. Croix River, mouth to mile 25
- Illinois River, mouth to Lacon, IL
- Kaskaskia River, mouth to New Athens, IL
- Ohio River, Ohio-Pennsylvania boundary, mile 40.1, to Cairo, IL mile 981.2.
- Muskingum River, mouth to Zanesville, OH, mile 75.

The Coast Guard Second District is predesignated further to provide the OSC within Region V inside of a

- a) 25 mile band around cities accommodating Marine Safety Offices:

- St. Louis, MO
- Minneapolis-St. Paul, MN
- Paducah, KY
- Louisville, KY
- Cincinnati, OH
- Huntington, WV

- b) 15 mile band around cities accommodating Marine Safety
Detachments:

Davenport, IA
Peoria, IL
Evansville, IN
Marietta, OH

4.09 Ninth Coast Guard District OSC Boundaries

The U.S. Coast Guard Ninth District is assigned the responsibility to provide OSC's for the open waters of the Great Lakes including Lake St. Clair, the interconnecting rivers, major bays, ports and harbors, and the tributary rivers to the limits of their navigability by large bulk carriers. As this is the coastal regional area of Region V, a more detailed description of the OSC areas of responsibility is included in the Contingency Plan which has been developed by the Ninth Coast Guard District. The District Nine areas of OSC responsibility have been defined either in the Coast Guard's Chicago Coastal Region Plan or in various CG-EPA agreements developed from time to time. These areas are described in the text which follows.

Within EPA Central District Office Area

The Central District Office has an agreement, reached on November 12, 1970, with the USCG Chicago COTP, District Nine, which underscores the Coast Guard responsibility on Lake Michigan from the Wisconsin-Illinois state line to just west of Michigan City Indiana (87° west). Inland bodies of water tributary to Lake Michigan, were included in the Coast Guard area of responsibility as follows:

Burns Harbor

From the entrance south to the south end of the deep draft slip. Burns Waterway cannot be navigated by large bulk carriers and therefore is considered to be the responsibility of the Environmental Protection Agency.

Gary Harbor

The entire harbor.

Buffington Harbor

The entire harbor.

Indiana Harbor and Indiana Harbor Canal

From the harbor south along the Indiana Harbor Canal until it branches into the Lake George Branch and the Calumet River Branch.

A) Lake George Branch

From "The Forks" west to the Baltimore & Ohio Chicago Terminal Railroad bridge at mile 2.94.

B) Calumet River Branch

From "The Forks" south to the 141st Street (Columbus River) bridge at mile 2.50.

Calumet Harbor and Calumet River

From the mouth of the Calumet River south to "The Forks" mile 6.14, where it branches into the Lake Calumet Branch and the Little Calumet River.

A) Lake Calumet Branch
From "The Forks" west to the temporary dike at the southern boundary of Lake Calumet.

B) Little Calumet River Branch
From "The Forks", mile 6.14, to the junction with the Little Calumet River, mile 325.75, and its junction with the Calumet-Sag Canal, mile 319.5, not including any tributaries.

Calumet-Sag Canal

From its junction with the Little Calumet River, mile 319.5, to its junction with the Chicago Sanitary and Ship Canal, mile 303.5, no tributaries.

Chicago River

From the Chicago Harbor Locks to the North and South Branches, mile 1.58, including Ogden Slip.

A) North Branch Chicago River
From "The Forks", mile 1.58, north to the Addison Street bridge mile 331.5 (7.78 by Great Lakes Rules).

B) South Branch Chicago River
From "The Forks", mile 1.58 south, including the South Fork, mile 5.4 (Great Lakes Rules), mile 321.4 (Western Rivers), to mile 321 where it joins the Chicago Sanitary and Ship Canal.

Chicago Sanitary and Ship Canal

From mile 321 south to junction with the Des Plaines River, mile 291, at the Lockport Lock.

Des Plaines River

From Lockport Lock, mile 291, south to the head of the Illinois River, mile 273, not including any tributaries.

Illinois River

From its head at the junction of the Des Plaines and Kankakee Rivers, mile 273, south to Lacon, Illinois, mile 189.

Waukegan Harbor

The entire facility.

In the event of a spill in an area in which the OSC responsibility is not immediately apparent, the Chicago COTP will assume this responsibility until such time as the Department of Transportation and the Environmental Protection Agency reach an agreement.

At a meeting on November 18, 1970 with the Milwaukee COTP personnel, agreement was reached which was similar to the one reached with Chicago COTP. Emphasized was the Coast Guard COTP Milwaukee responsibility on Lake Michigan from the Wisconsin-Illinois state line to just north of Washington Island, Door County, Wisconsin where the Coast Guard responsibility falls to the COTP Sault Ste. Marie. Inland bodies of water, tributary to Lake Michigan, were included in the Coast Guard area of responsibility, starting from the Illinois-Wisconsin border and going northward, as follows:

Kenosha

Pike Creek to the Sixth Avenue bridge.

Racine

Root River to the Fourth Street bridge.

South Milwaukee

Oak Creek to the mouth.

Milwaukee

Kinnickinnic River to the South Kinnickinnic Avenue bridge.

Menomonee River to Pile 2 (east of 27th Street).

Milwaukee River to North Humboldt Avenue bridge.

Port Washington

Sauk Creek to Wisconsin Street bridge.

Sheboygan

Sheboygan River to Pennsylvania Avenue bridge.

Manitowoc

Manitowoc River to Chicago & Northwestern Railroad bridge.

Two Rivers

West Twin River to 16th and Madison Streets bridge.

East Twin River to 22nd Street bridge.

Kewaunee

Kewaunee River to Park Street bridge.

Algoma

Ahnapee River to Second Street bridge.

Marinette

Menomonee River to Dunlap Avenue bridge (Hwy. 41 bridge).

Oconto

Oconto River to the turning basin.

Green Bay

East River to the Monroe Street bridge.

DePere

Fox River to the George Street bridge.

In his telephone call to the EPA Regional Office on November 17, 1972, Capt. Robert J. Bloxson, Sault Ste. Marie COTP, stated that his office could cover the Ford River, just below Escanaba, only to its mouth.

Within EPA Western District Office Area

In communications dated 12 February 1971 and 13 April 1971 from Lt. G. G. Bannan, Duluth COTP, U.S. Coast Guard District Nine, the following agreements were made:

Lake Superior

"The Captain of the Port Duluth will provide On Scene Commanders for the open waters of Lake Superior including the interconnecting waterways, rivers, major bays, ports, harbors, and tributary rivers, to the limits of their navigability by large bulk carriers".

Duluth/Superior Harbor

"The Coast Guard will assume the responsibility for providing On Scene Commanders in the Duluth/Superior Harbor to the mouths of all small tributary rivers and creeks entering into said harbor, plus the St. Louis River serviced by existing patrols and Aids to Navigation up to the highway bridge on route 23 at Fond du Lac, Minnesota".

Within EPA Eastern District Office Michigan Area

In its Great Lakes Coastal Region Oil and Hazardous Substances Contingency Plan USCG District Nine defines lines of demarcation which have been agreed upon by both the Coast Guard and the Environmental Protection Agency Region V for the State of Michigan as follows:

Detroit COTP

<u>Waterway</u>	<u>Head of Navigation</u>
Au Gres River	Undetermined
Au Sable River	Dam, 7 miles above mouth
Bad River	Upper city limits of St. Charles
Belle River	2800 feet above northern limits of Marine City
Black River St. Clair County	Oxbow Bend, 7 miles above mouth
Clinton River	Gratiot Avenue highway bridge, Mt. Clemens
Detroit River	Navigable throughout
Ecorse River	Highway bridge 400 feet above mouth
Huron River	State highway bridge at Flat Rock

Kawkawlin River

Lake Erie
Lake Huron
Lake St. Clair
La Plaisance Creek
Pigeon River

Pine River
St. Clair County
Pinnebog River

Raisin River

Rouge River

Saginaw River
St. Clair River
Sebewaing River

Shiawassee River

Muskegon COTP

Waterway

Betsie River

Black River
Ottawa County

Black River
Van Buren County

Grand River

Hamlin Lake
Kalamazoo River

Lake Betsie
Lake Macatawa
Lake Michigan
Mona Lake
Muskegon Lake
Pere Marquette Lake

Michigan Central R.R. bridge
at Kawkawlin, about 4 miles
above mouth

Navigable throughout
Navigable throughout
Navigable throughout
La Plaisance Road bridge
Upper village limits of Caseville,
1/2 mile above mouth

Detroit Port Huron R.R. bridge,
3 miles above mouth
Junction with creek, 1/2 mile
above mouth

M.C.R.R. bridge at Monroe,
2 1/2 miles above mouth

Greenfield Road bridge at
Dearborn

Navigable throughout
Navigable throughout

Pere Marquette R.R. bridge,
1/2 mile above mouth
Junction with Bad River

Head of Navigation

Head of Betsie Lake, Frankfort,
1.3 miles

Head of Black Lake at
Holland, 5.75 miles from Lake
Michigan

From the mouth to the Dyclanan
Avenue bridge in South Haven,
0.88 miles upstream

From the mouth to the end of
the dredged channel at buoy
76 miles upstream

Navigable throughout
From the mouth to the Saugatuck/
Douglas highway bridge, 2.80
miles upstream and including
Kalamazoo Lake

Navigable throughout
Navigable throughout
Navigable throughout
Navigable throughout
Navigable throughout
Navigable throughout

Portage Lake
Spring Lake
Trail Creek

Navigable throughout
Navigable throughout
From the mouth to the
Franklin Street bridge in
Michigan City, IN, 0.5 miles
upstream
Navigable throughout

White Lake

Sault Ste. Marie COTP

Waterway

Head of Navigation

Bellaire Lake
Burt Lake
Carp River
Leelanau County
Charlotte River

Navigable throughout
Navigable throughout
Leelanau, dam 400 feet
above mouth
Country Road bridge, 1/3 mile
above mouth

Cheboygan River
Clam Lake
Crooked Lake
Crooked River
Elk Lake
Indian River
Intermediate Lake

Navigable throughout
Navigable throughout
Navigable throughout
Navigable throughout
Navigable throughout
Navigable throughout
With connecting waters to the
east arm of Grand Traverse
Bay, including Bellaire Lake
Clam Lake, Torch Lake, Round
Lake, and Elk Lake

Kent Lake
Lake Charlevoix
Lake Huron
Lake Michigan
Lake Superior
Leelanau River
Little Lake
Manistique River

Navigable throughout
Navigable throughout
Navigable throughout
Navigable throughout
Navigable throughout
Dam 400 feet above mouth
Navigable throughout
Upper end of lumber slips at
Manistique, 3/4 mile above
mouth

Mullett Lake
Pine River
Arenac County
Pine River
Charlevoix County

Navigable throughout
Bridge, 1/2 mile above mouth

Round Lake
St. Mary's River
Tahquamenon River

Upper end of both Arms,
Charlevoix Lake, 15 miles
above mouth
Navigable throughout
Navigable throughout
Lower falls, about 16 miles
above mouth

Thunder Bay

Dam near upper city limits of
Alpena

Tittabawassee River
Waiska River

Upper city limits of Midland
D.S.S. & A.R.R. bridge, 3/4
mile above mouth

Within EPA Eastern District Office Ohio Area

The following tabulation designates the Coast Guard District Nine OSC areas of responsibility for the Ohio portion of Lake Erie:

Toledo COTP

Lake Erie from Toledo east to Vermilion River.

Cleveland COTP

Lake Erie from Vermilion River eastward to the Ashtabula - Lake County line.

Black River

The lower 3 miles to the south end of the turning basin at the National Tube Division of U.S. Steel Corporation.

Cuyahoga River

The lower 5.8 miles to a line at the Norfolk and Western Railroad bridge between Jones and Laughlin and Republic Steel mills.

Grand River

The lower 1.7 miles of the river to a line at the Baltimore and Ohio Railroad swing bridge.

Buffalo COTP

Lake Erie from the Ashtabula-Lake County line to the Ohio-Pennsylvania state line.

Ashtabula River

The lower 9300 feet to a line over the river at East 23rd Street.

Conneaut River

The lower 3400 feet to a line at the Bessemer and Lake Erie Railroad swing bridge crossing the river at the Pittsburgh and Conneaut Dock Company.

4.10 Corps of Engineers North Central Division OSC Areas

The U.S. Army Corps of Engineers North Central Division are On-Scene Coordinators within the approaching guide walls and chamber of a lock structure. The Corps will provide assistance to the OSC at other points with whatever resources they have available in the area.

4.11 Corps of Engineers Lower Mississippi Valley Division OSC Areas

The U.S. Army Corps of Engineers Lower Mississippi Valley Division, St. Louis District, are On-Scene Coordinators within the limits of the upper and lower approach points of each navigation structure. The Corps will provide assistance to the OSC at other points with whatever resources they have available in the area.

4.12 Corps of Engineers Ohio River Division OSC Areas

The U.S. Army Corps of Engineers Ohio River Division are On-Scene Coordinators within the limits of the upper and lower approach points of each navigation structure. The Corps will provide assistance to the OSC, when requested, at other points with whatever resources they have available in the area.

4.13 U.S. Fish & Wildlife Service, North Central Region OSC Areas

The U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, North Central Region are designated OSC's for national wildlife and fish hatchery refuges and immediately adjacent areas thereof. The Fish and Wildlife Service has defined critical areas in Region V which require special protection and this information is available to spill response agencies.

4.14 Environmental Protection Agency Region III OSC Boundaries

By agreement on September 7, 1977, among representatives of Regions III and V, Region III spill response personnel will respond to spills in the main stem of the Ohio River from the Ohio-Pennsylvania boundary, mile 40.1, to the Kentucky-West Virginia boundary, mile 317.2. All spills to the Ohio River in the above-named stretch emanating from point sources in West Virginia will be handled by Region III personnel; those from point sources in Region V within ten miles of the river will be handled by the USCG District Two personnel.

In the event that a Regional Response Team would have to be called out, USCG District Two would be involved along the entire stretch of the Ohio River.

4.15 Environmental Protection Agency Region IV Boundaries

By agreement reached by the Regional Administrators of Region IV and V, spill response personnel of Region IV will respond in an OSC capacity to spills of oil and hazardous substances in the main stem of the Ohio River from the Kentucky-West Virginia boundary, mile 317.2, to its junction with the Mississippi River, mile 981.2. Spill to the Ohio River in the above-named stretch emanating from shoreline point sources in Kentucky will be handled by personnel of Region IV; those spills from shoreline point sources in Ohio, Indiana, and Illinois will be handled by personnel of USCG District Two. Region IV will have the responsibility for assuring notification of downstream water users, including coordination with ORSANCO, when the spill is on the south shoreline, or in the main stem of the Ohio River; USCG District Two

under agreement with Region V will have a like responsibility for assuring notification responsibility of downstream water users, including coordination with ORSANCO, when the spill is on the north shoreline of the river.

Region IV and USCG District Two will enter into an agreement which will replace the earlier agreement which existed between Region V and USCG District Two regarding responsibility on the Ohio River on situations not otherwise covered in the paragraph above.

4.16 Environmental Protection Agency Region VII OSC Boundaries

By agreement on September 7, 1977, among representatives of Regions V and VII, Region VII spill response personnel will respond to spills in the main stem of the Mississippi River between Cairo, IL, mile 0.0, and Keokuk, IA, Lock and Dam 19, mile 364.5; USCG District Two personnel will respond to spills in the main stem of the Mississippi River northward from Keokuk, IA, mile 364.5. All spills to the Mississippi River from point sources in Region VII will be handled by Region VII personnel; those from point sources in Region V within ten miles of the river will be handled by the USCG District Two personnel.

In the event that a Regional Response Team would have to be called out, USCG District Two would be involved along the entire stretch of the Upper Mississippi River, mile 0.0 northward to Latitude 46°20'. Northward from Latitude 46°20', the Mississippi River lies in USCG District Nine territory.

4.17 Environmental Protection Agency Region VIII OSC Boundaries

By agreement on September 7, 1977, among representatives of Regions V and VIII, Region V spill response personnel will respond to spills in the main stem of the Red River of the North from its origin in Lake Traverse near Browns Valley, MN to the Canadian border. All spills to the Red River of the North in the above-named stretch emanating from point sources in North Dakota and South Dakota will be handled by Region VIII personnel; those from point sources in Minnesota will be handled by Region V personnel.

South of the Browns Valley area, the boundary between South Dakota and Minnesota involves the headwaters of the Minnesota River flowing southward. Region V spill response personnel will respond to spills in the main stem of the Little Minnesota River and Big Stone Lake southward to Ortonville, MN. All spills to the above-named headwaters of the Minnesota River emanating from point sources in South Dakota will be handled by Region VIII personnel; those from point sources in Minnesota will be handled by Region V personnel.

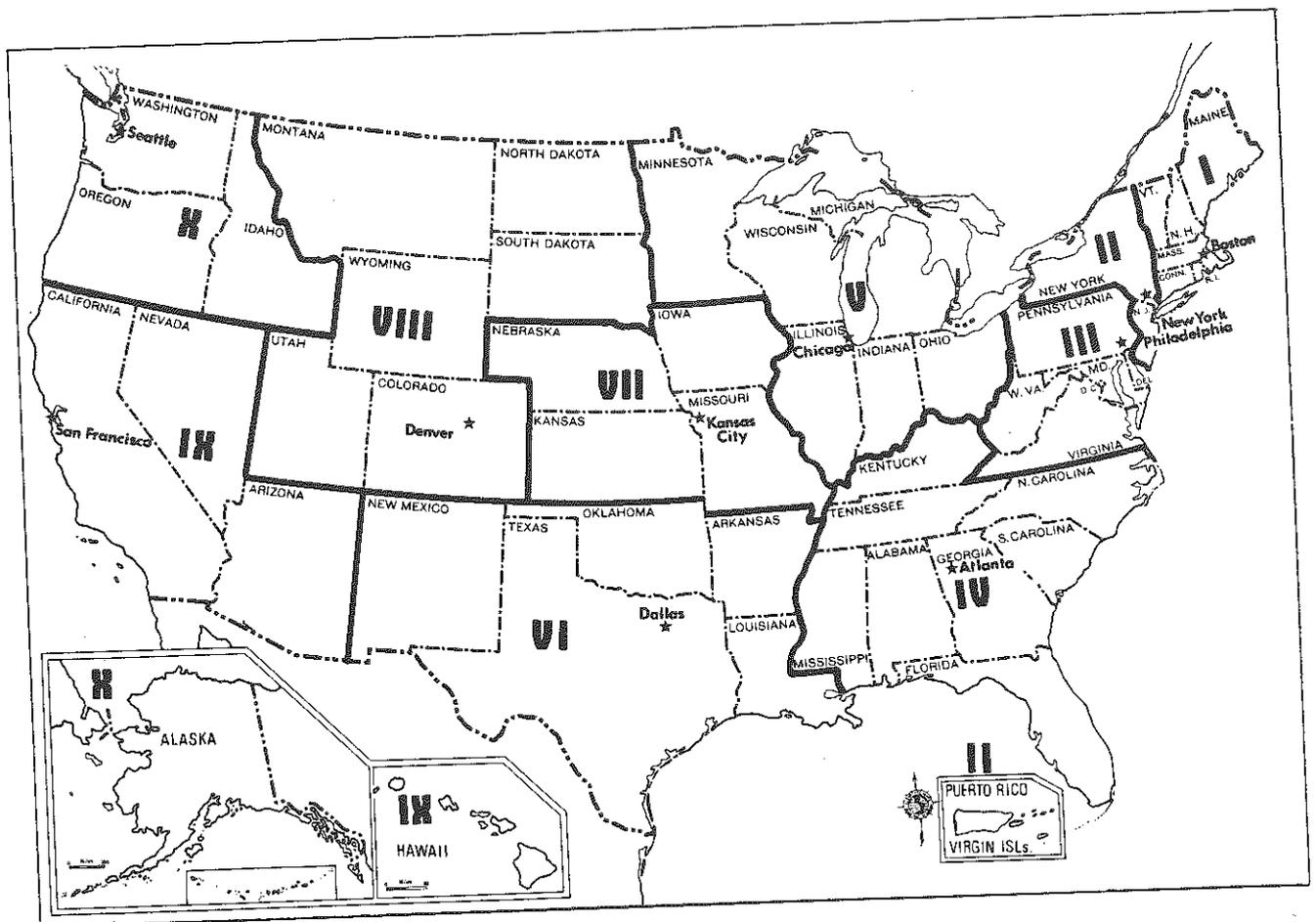
The middle of the Red River of the North northward from Latitude 46°20' (near Breckenridge, MN) is the dividing line between USCG District Nine to the east and USCG District Two to the west. Southward from Latitude 46°20', the Red River of the North and the headwaters of the Minnesota River are entirely within USCG District

Two territory. In the event that a Regional Response Team would have to be called out, the above-mentioned USCG territorial boundaries would apply.

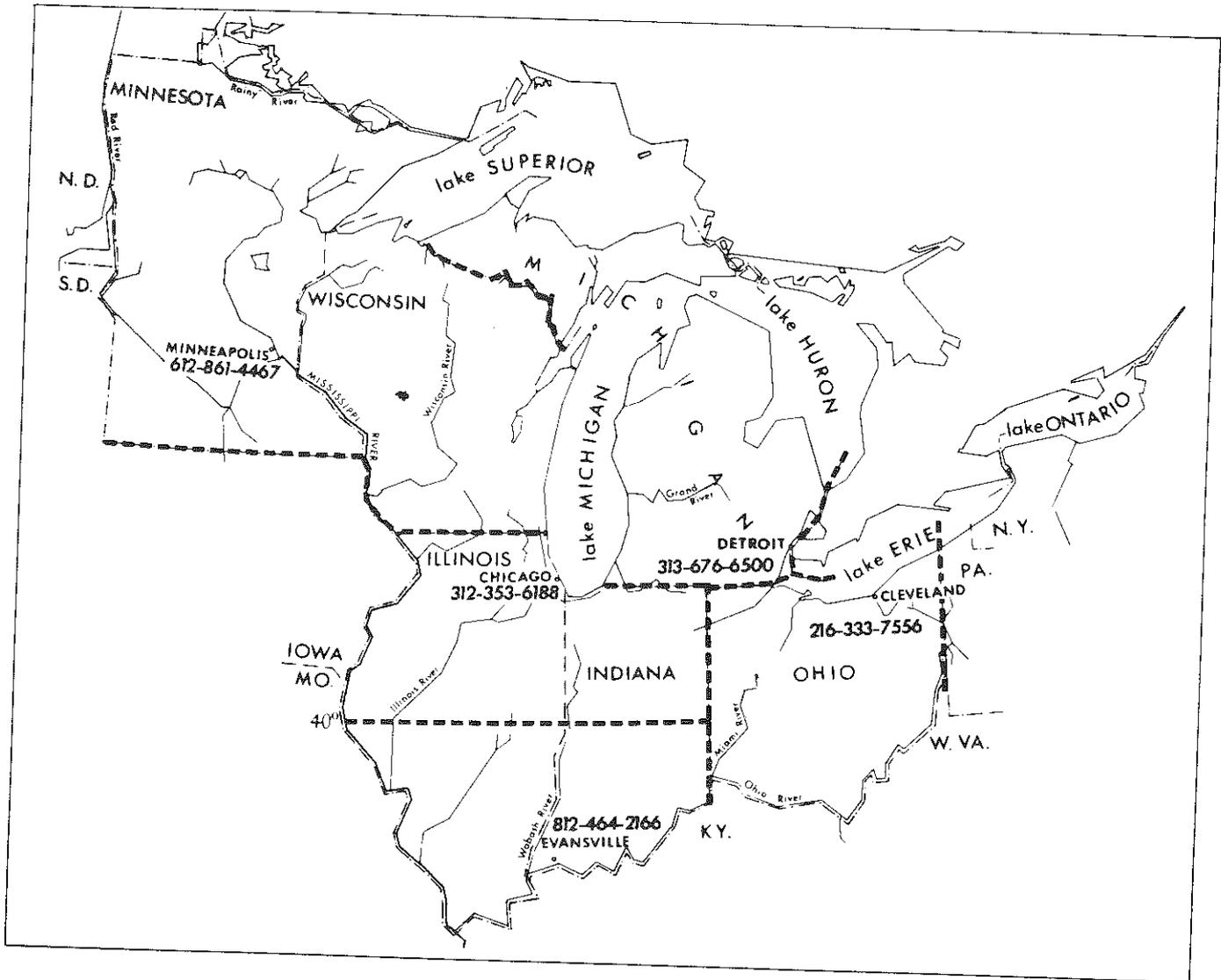
Region VIII will provide communications as necessary with the Canadian Province of Manitoba on all spills occurring in waters flowing into Canada including those emanating from Region V.

Spills from an unknown source will be treated as main stem spills until the source is identified.

U.S. ENVIRONMENTAL PROTECTION AGENCY REGIONAL OFFICES

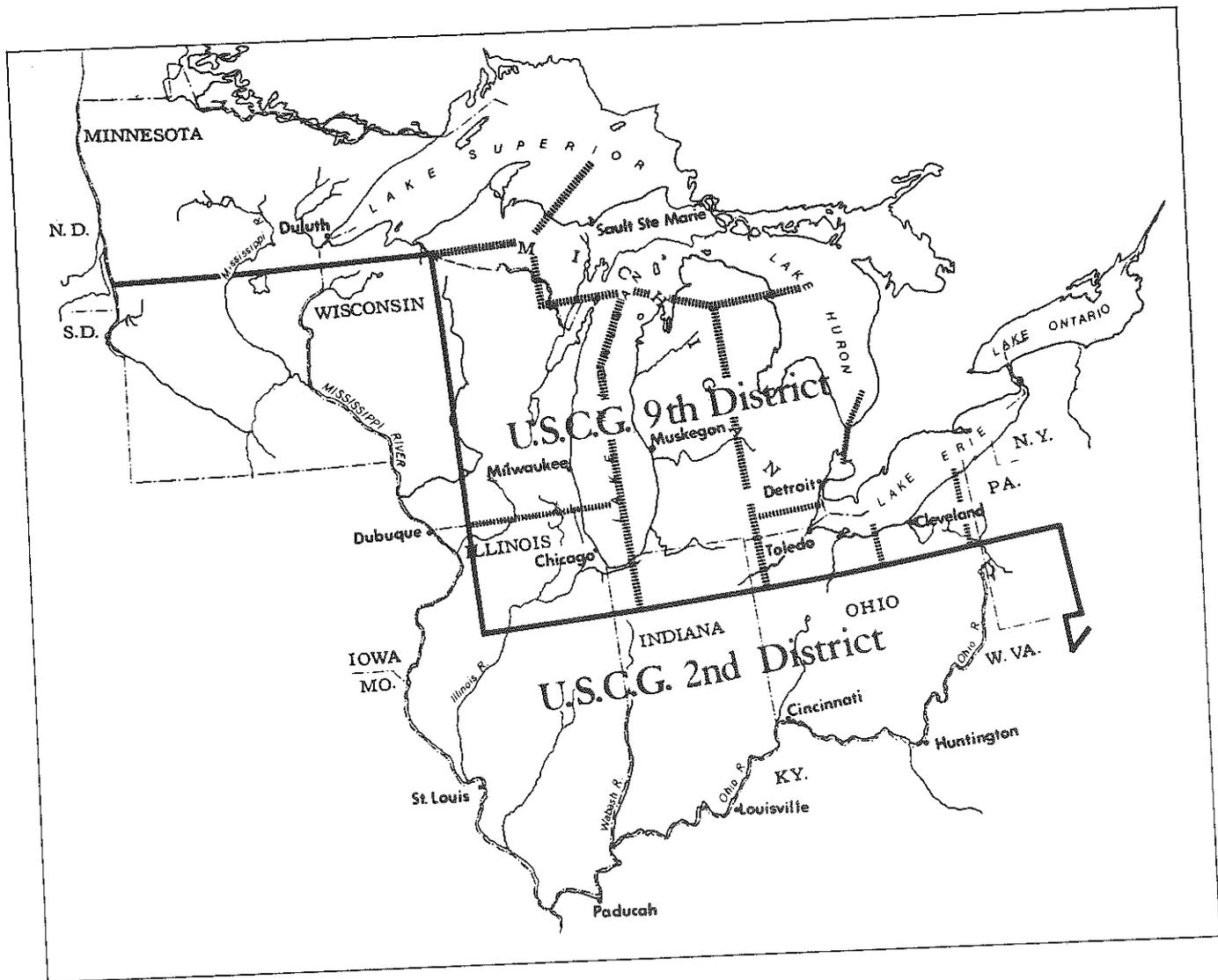


DISTRICT OFFICE BOUNDARIES FOR OIL SPILL CONTINGENCY PLANNING
 U.S. ENVIRONMENTAL PROTECTION AGENCY - REGION V

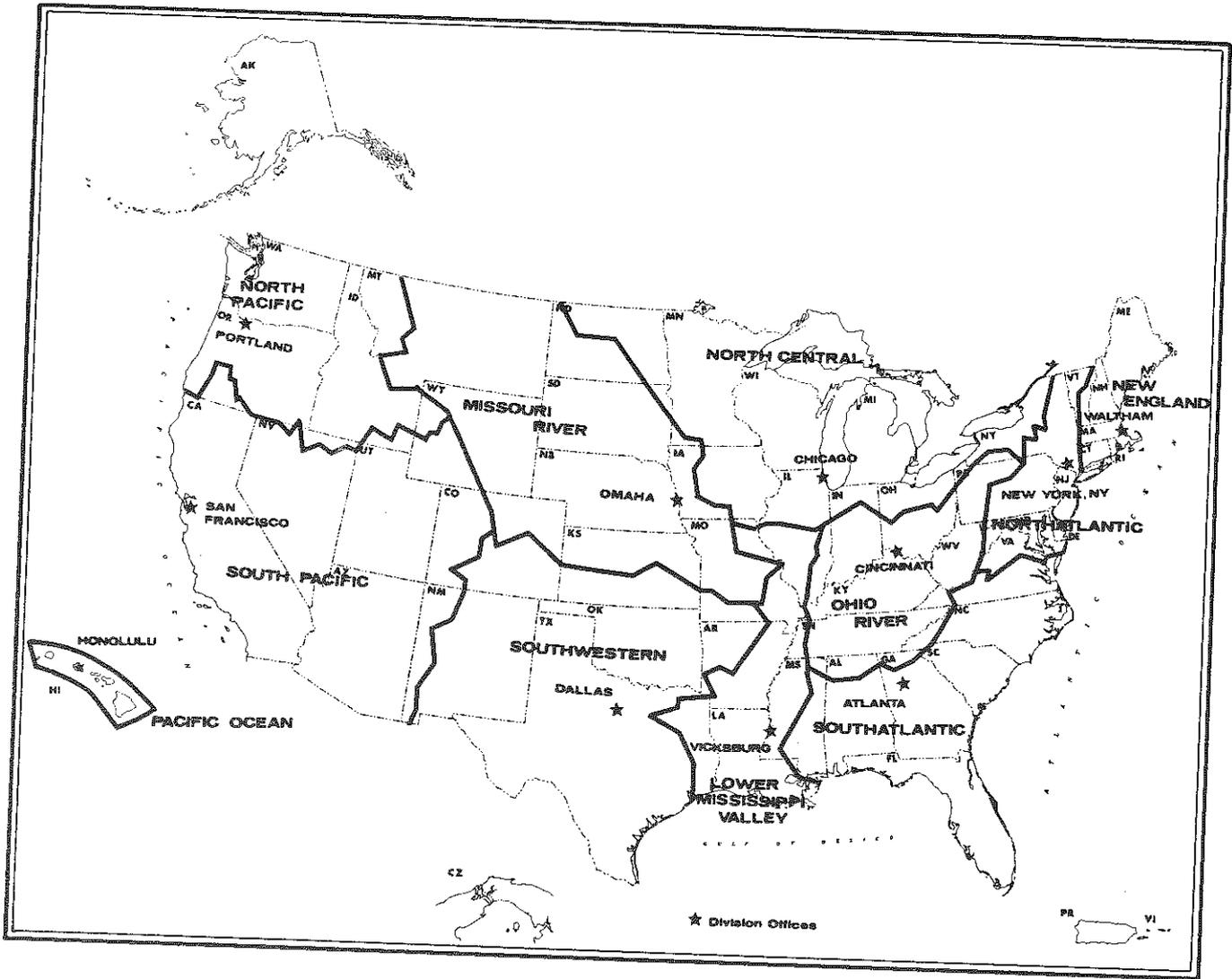


- Central District Office, Chicago, Illinois: Northern Illinois, Northern Indiana
- Central District Office, Evansville, Indiana: Southern Illinois, Southern Indiana
- Eastern District Office, Cleveland, Ohio: Ohio
- Eastern District Office, Detroit, Michigan: Michigan
- Western District Office, Minneapolis, Minnesota: Minnesota, Wisconsin

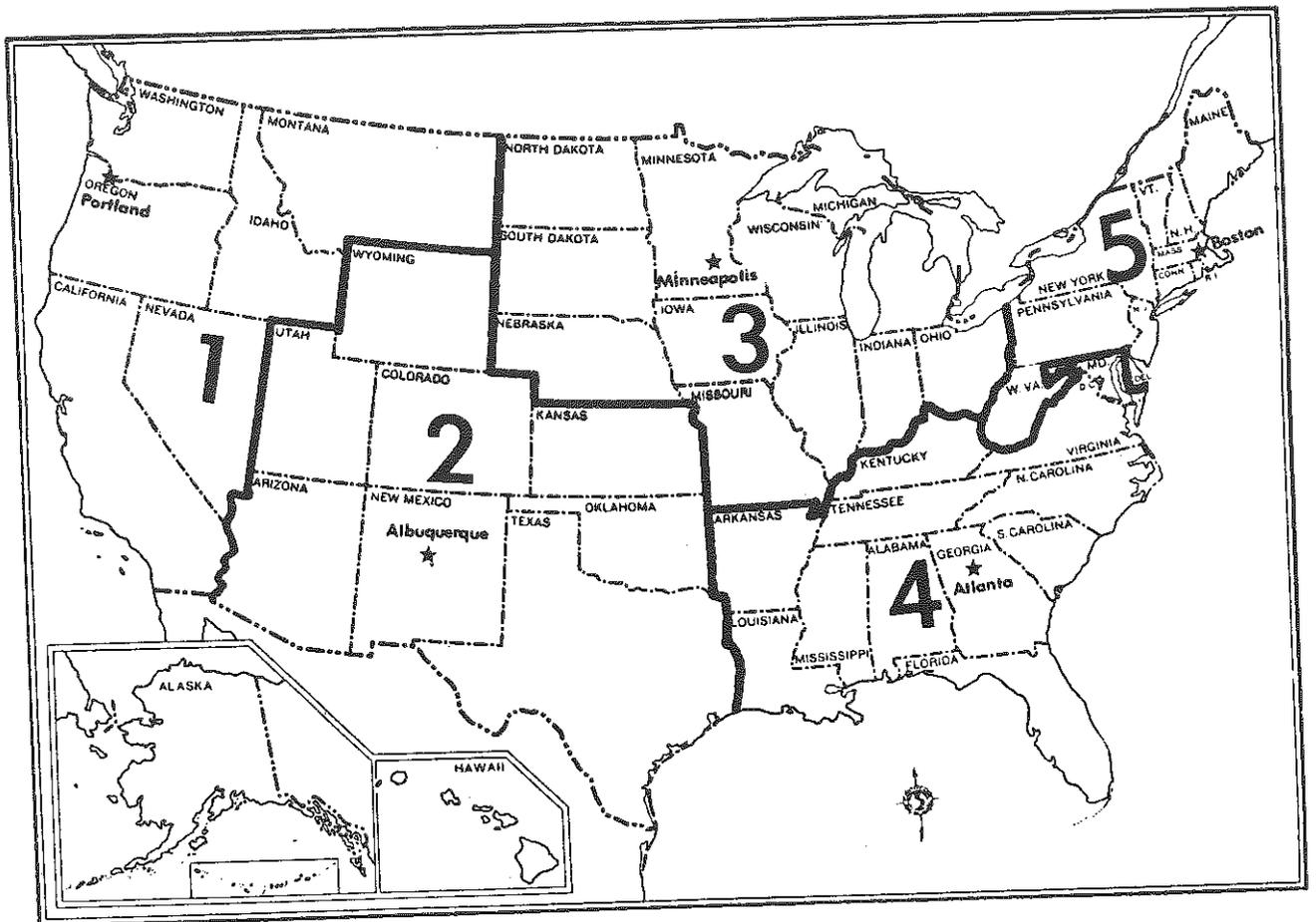
U.S. COAST GUARD COTP CENTERS OF EPA REGION V



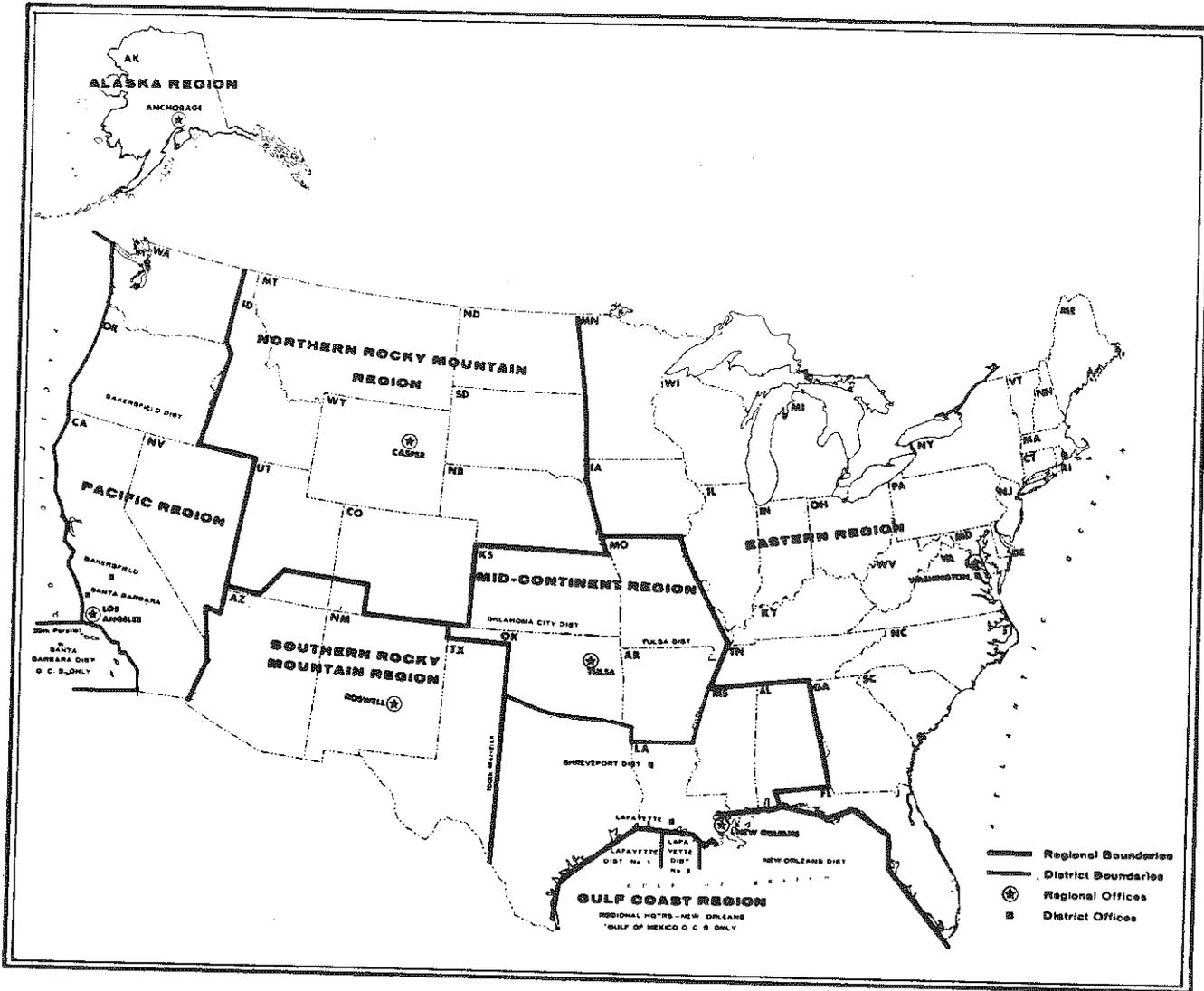
CORPS OF ENGINEERS



FISH & WILDLIFE SERVICE REGIONAL OFFICES, U.S. DEPARTMENT OF THE INTERIOR



U. S. GEOLOGICAL SURVEY
 Conservation Division
 Branch of Oil and Gas Operations



Annex V

5.00 COMMUNICATIONS AND REPORTS

5.01 Purpose

5.01.1 The communications concerning an oil or hazardous substance discharge are an integral and significant part of the operations. The same precepts govern in these instances as do other operations in which the USCG, EPA and other operating agencies are involved.

5.02 Objectives

5.02.1 The objectives of the communications and reports are:

5.02.1-1 To speed the flow of information pertaining to pollution discharge;

5.02.1-2 To relay advice, instructions and reports pertaining to pollution discharge; and

5.02.1-3 To provide for alerting, notification, surveillance and warning of a pollution discharge.

5.03 Communications Procedures

5.03.1 Normal communications circuits of each Primary Agency may be used to effectuate this plan. The national and district or regional offices and telephone numbers of primary alerting and notification offices of interested agencies will be maintained in RRC.

5.03.2 The initial reporting of a pollution incident will be in accordance with the information and format as described herein-after.

5.03.3 POLREPS (Pollution Reports) on major discharges shall be submitted by RRT to NRT in a timely manner as developments occur and at 0800 and 2000 local time on each day of the operation.

5.04 Pollution Reports

5.04.1 Within 60 days after the conclusion of Federal removal action resulting from a major pollution discharge, the OSC shall submit a complete report of the response operation and the actions taken. Copies will be furnished to the NRT or RRT, as appropriate, together with any other pertinent information available to the forwarding group. The NRT will evaluate each situation and make appropriate recommendations.

5.04.2 The report required by 5.04.1 above shall include:

- 5.04.2-1 Description of the cause and initial situation;
- 5.04.2-2 Organization of response action and resources committed;
- 5.04.2-3 Effectiveness of response and removal actions by:
 - a. The discharger,
 - b. State and local forces,
 - c. Federal Agencies and Special Forces;
- 5.04.2-4 Unique problems encountered;
- 5.04.2-5 Recommendations on:
 - a. Means to prevent reoccurrence,
 - b. Improvement of response actions,
 - c. Changes in National or Regional Contingency Plans.

5.05 Message Addressees

5.05.1 Messages intended for the National Response Center should be addressed to the Commandant, U.S. Coast Guard.

5.05.2 Messages intended for the National Response Team should be addressed for action to the Commandant, U.S. Coast Guard, via one of the following services:

TWX:	710-822-1959 CG DOT WSH
Telex:	892427 COAST GUARD WSH
Telephone:	8-426-1830 (FTS)
	202-426-1830 (Com)
	800-424-8802 (Com)

Information addressees include the:

- Department of Transportation, Washington, D.C.
- Environmental Protection Agency, Washington, D.C.
- Department of Defense, Washington, D.C.
- Department of Interior, Washington, D.C.
- Department of Commerce, Washington, D.C.

5.05.3 Messages intended for the Regional Response Team should be addressed to the Regional Administrator, Environmental Protection Agency, Region V, 230 S. Dearborn Street, Chicago, Illinois 60604, for action. Information addressees include:

- U.S. Coast Guard,
Ninth District Headquarters, Cleveland, Ohio
- U.S. Coast Guard,
Second District Headquarters, St. Louis, Missouri
- U.S. Army Corps of Engineers,
North Central Division, Chicago, Illinois
- U.S. Army Corps of Engineers,
Lower Mississippi Valley Division, Vicksburg, Miss.

U.S. Army Corps of Engineers
Ohio River Division, Cincinnati, Ohio
U.S. Fish and Wildlife Service,
North Central Division, Minneapolis, Minn.
National Weather Service Office
Region Five, Chicago, Ill.

5.06 POLREP Format

5.06.1 General Format

5.06.1-1 All messages pertaining to a spill, should be in the situation report (POLREP) format. This POLREP format consists of five basic sections including the pollution, action, plans, recommendations, and status.

5.06.2 Pollution

5.06.2-1 The pollution section should provide the full details on the spill including location, what happened, type and quantity of material, who is involved, extent of coverage, times, areas threatened, predicted movement, success of control efforts and prognosis.

5.06.2-2 The location would be expressed in general and specific terms. The general location would include high seas (beyond contiguous zone), contiguous zone (3-12 mile limit), coastal waters (to 3 mile limit), Great Lakes, roadsteads or other large bodies of open water in internal waters (excluding Great Lakes), port (including harbor area), terminals, beaches, other navigable waterways or river area. The specific location would be expressed as the geographic location of the affected area.

5.06.2-3 The type of material would include the general nature or characteristic such as persistent or non-persistent oil, toxic material or corrosive matter. If known, type would also include the specific nature of the material (i.e.: gasoline, benzene, sodium cyanide or sulfuric acid).

5.06.3 Action

5.06.3-1 The action section should include a summary of all action taken by the responsible party, State and local forces, the Federal Government or by others.

5.06.4 Plans

5.06.4-1 The plans section should include all planned action by the responsible party, state and local forces, the Federal Government and any others.

5.06.5 Recommendations

5.06.5-1 Any recommendations that the OSC has pertaining to the response should be included in this section.

5.06.6 Status

5.06.6-1 The status section would indicate case closed, case pends or Federal participation terminated, as appropriate.

5.06.7 General Instructions

5.06.7-1 The minimum information that should be included in a POLREP ONE AND FINAL includes specific location, spill size, specific nature (if unknown, general nature), source, and general location.

5.06.7-2 The initial POLREP for medium and major spills should be sent as soon as possible and should include as much of the information concerning the case as is immediately available. Transmission of the POLREP should not be delayed to obtain information not immediately available. Such information should be included in subsequent POLREPS.

5.07 EPA Communications Systems

The EPA Region V has available the following communications capabilities:

A. TELEPHONE

1. FTS-GSA operated governmental telephone system
2. Private telephone system
3. 24 hour answering service at all the District Offices. Environmental Emergency Section members of the Regional Office have special 24 hour telephones with answering service.

B. TELETYPE

1. TWX-teletypewriter exchange service linking CONUS industry and government offices.
2. TWX-service fully operational in the Regional Office and District Offices

5.08 Ninth District Coast Guard Communications Systems

The Ninth Coast Guard District Office in Cleveland has available the following communications capabilities:

A. TELETYPE

1. TELEX: 980145 USCG CLV
2. AUTODIN
3. Private line teletype
 - a. District Net connecting District Office, Group Commanders and Air Stations.
 - b. Various Group Nets connecting Group Offices with respective group units (can be bridged to District Office circuit)

B. RADIO TELEPHONE

1. District Office, Group Offices, Ships, Aircraft, Boats and Shore Stations are equipped for compatible radio telephone intercommunications. Equipment generally consists of AM transceiver and VHF-FM transceivers.

5.09 Second District Coast Guard Communications Systems

The Second Coast Guard District Office in St. Louis has available the following communications capabilities:

A. TELEPHONE SERVICE

1. FTS-GSA operated governmental telephone system integrated with private telephone system.

B. TELETYPE COMMUNICATIONS

1. TWX-teletype service, number 910-761-1168.
2. TWPL 100 wpm circuit to CG group offices in Leavenworth, KS, Owensboro, KY, Memphis, TN, Keokuk, IA, Paris Landing, IN, and St. Louis, MO.
3. AUTODIN via ASC Gentile AFT (covered circuit). Routing indicator RUCIHLA.

Annex VI

6.00 PUBLIC INFORMATION

6.01 Introduction

6.01.1 When a major regional pollution incident occurs, it is imperative that the public be provided promptly with accurate information on the nature of the incident and what steps are being taken to correct the problem. This policy must be followed to obtain understanding from the public, ensure cooperation from all interested parties and to check the spread of misinformation. National Administration policy and the Freedom of Information Act both call for maximum disclosure of information.

6.02 Regional News Office

6.02.1 When an RRT is activated, the Chairman will contact the most appropriate agency and ask it to detail a professional public information officer to establish and direct a Regional news office. The Regional news office should be set up at or near the location where the OSC is stationed. Requests by the Director of the Regional Office of Public and Intergovernmental Affairs for appropriate professional and clerical assistance will be met by one or more of the primary agencies.

6.02.2 The Director of the Regional Office of Public and Intergovernmental Affairs will follow the procedures outlined in Annex VI of the National Plan for the Director of National News Office in contacting the press offices of State and local officials, in arranging appropriate public information liaison with industries and other concerned interests and in issuing at least one daily written news release.

6.02.3 All news releases involving major policy considerations will be cleared by the Chairman of the RRT or in his absence, the Executive Secretary.

6.02.4 The Director of the Regional Office of Public and Intergovernmental Affairs will have free access to meetings of the RRT and should be consulted on the possible public reaction to the courses of action under consideration by the RRT.

6.02.5 The Regional Office of Public and Intergovernmental Affairs will be provided with adequate space, telephones, typewriters, communications equipment and other supplies by the Primary Agency which is providing the headquarters for the RRT. The Director of the Regional news office will determine what equipment and supplies are needed to ensure an orderly flow of information and to accommodate visiting members of the news media.

6.03 Washington, D.C. Public Information Contact

6.03.1 If the NRT has not been activated, the Director of the Regional Office of Public and Intergovernmental Affairs will ask the most appropriate agency to assign a public information officer in Washington, D.C., to serve as a contact point for queries made in Washington, D.C. The information officer assigned to this task will follow the procedures outlined above for the Director of the National News Office in contacting the press offices of the White House and Congressional and Federal officials.

6.04 Interim Public Information Director

6.04.1 In the period following a discharge and before the need for a Federal response is determined, information activities will be directed by the public information personnel of the same Primary Agency which will provide the predesignated OSC. These activities will be conducted in accordance with the information policies of that agency.

6.05 Special Public Information Procedures for Senators, Representatives, Congressional Aides and staff members, White House Representatives and other VIP's

6.05.1 The Director of the National News Office of the Director of the Regional News Office will arrange, on request, to perform special public information services for VIP's including: notifying the media of the time, place and purpose of the VIP visit; making press conference arrangements; and arranging for interviews with the VIP by interested members of the media.

6.06 Special Public Information Procedures for Salesmen

6.06.1 Public information officers assigned to pollution incidents will refer salesmen to technical personnel designated to evaluate their wares.

6.07 Special Public Information Procedures for the General Public

6.07.1 In responding to queries from the general public, public information officers will advise the callers or arrange to have the callers advised on what the latest press release has reported.

6.08 Special Public Information Procedures - Correspondence

6.08.1 After the crisis has subsided, a model letter reporting on the situation will be drafted by the public information personnel assigned to the problem. After the model letter has been approved by the Chairman of the NRT or the RRT, copies will be sent to the Primary Agencies for their guidance in responding to mail inquiries.

Annex VIII

8.00 DOCUMENTATION AND COST RECOVERY

8.01 Introduction

8.01.1 The OSC in charge at the scene of a discharge may be from any one of several agencies; it is necessary, therefore, to establish uniform procedures for notification of counsel, collection of samples and information consistent with the several phases in Federal response situations. Necessary information and sample collection must be performed at the proper times during the Federal involvement in a spill for the purpose of later use in identifying the party responsible for removal cost recovery. Time is of great importance since wind, tide, and current may disperse or remove the evidence and witnesses may no longer be available. Thus, during the response phases, the OSC must take the necessary action to ensure that information, records, and samples adequate for legal and research purposes are obtained and safeguarded for future use. Additional guidance can be found in EPA's "Field Detection and Damage Assessment Handbook."

8.02 Notification of Counsel

8.02.1 Immediately upon notification that a discharge has occurred which requires RRT participation, the RRT members shall notify their respective regional attorneys by the most expeditious means.

8.02.2 Coordination of appropriate counsel will be effected by counsel of the Department responsible for furnishing the OSC. Coordination will be for joint and several actions concerning legal matters regarding the operation of the Plan and for advising the owner or operator that a determination has been made under subsection 311 (c)(1) of the Act that removal is not being properly accomplished.

8.02.3 The information and reports obtained by the OSC are to be transmitted to the RRC. Copies will then be forwarded to members of the RRT, and others, as appropriate. The representative of the Agency on the RRT having cost recovery authority will then refer copies of the pollution reports to his respective agency counsel.

8.03 Legal Notice to Suspected Discharger

8.03.1 The owner, operator, or other appropriate responsible person shall be notified of Federal interest and potential action in a pollution discharge by the agency furnishing the OSC. This notice shall include advice of the owner or operator's liability for proper removal of the discharge in accordance with section 311 (f) of the Act; the need to perform removal in accordance with existing

Federal and State statutes and regulations, and this Plan; and identification of the OSC.

8.04 Sample Collection Procedures to be Followed by OSC

8.04.1 Several precautions must be observed when taking and handling liquid samples for analyses as the character of the sample may be affected by a number of common conditions. These precautions concern the following: a) the composition of the container, b) cleanliness of the container, and c) manner in which the sample is taken.

8.04.2 In taking such samples, the following procedures are to be followed in all cases:

8.04.2-1 Glass or other appropriate containers of suitable size shall be used. The portion of the closure (sealing gasket or cap liner) which may come into contact with the sample in the container is of considerable importance. When oil or petroleum hydrocarbons are to be sampled, the closure should be made of glass, aluminum foil, or teflon. Other pollutants may require different or special closure material and the analysis laboratory should be consulted whenever a question arises as to the appropriateness of any closure material.

8.04.2-2 Previously unused containers are preferred. Containers that have been cleaned with a strong detergent, thoroughly rinsed, and dried may be used.

8.04.2-3 Some explanatory notes covering the above procedures are as follows: a) glass containers always must be used because plastic containers, with the exception of teflon, have been found in some cases to absorb organic materials from water and, in other cases, compounds have been dissolved from plastic containers; b) as it is desirable to take a large sample of the pollutant, proper skimming techniques should be used to obtain a sufficient amount of oil for analysis; and, c) since it is not unusual for a pollution condition to change rapidly, samples should be taken promptly, and the time sequences and places noted. Samples must be properly labeled.

8.04.2-4 Consult with the analysis laboratory personnel relative to special samples and unusual problems.

8.04.2-5 Samples collected are to be transmitted for analysis, using special courier or registered mail (return receipt requested) and observing the procedures outlined below. Appropriate analytical laboratories are designated in the regional plan. Reports of laboratory analysis will be forwarded to the appropriate RRT for transmittal to counsel.

8.05 Photographic records

8.05.1 Photographs should be taken to show the source and the extent of pollution, if possible, using both color and black and white film. The following information should be recorded on the back of each photographic print: a) name and location of vessel or facility; b) date and time the photo was taken; c) names of the photographer and witnesses; d) shutter speed and lens opening; and e) type of film used and details of film processing.

8.06 Chain of Custody Record

8.06.1 All samples and other tangible evidence must be maintained in proper custody until orders have been received from competent authority directing their disposition. Precautions should be taken to protect the samples from breakage, fire, altering, and tampering. It is important that a chain of custody of the samples be properly maintained and recorded from the time the samples are taken until ultimate use at the trial of the case. In this regard, a record of time, place, and the name and title of the person taking the sample, and each person handling same thereafter must be maintained and forwarded with the sample. Form No. FWPCA 208 (7-68) may be used. For major spills, samples may be forwarded to the Central Regional Laboratory, EPA Region V, 1819 W. Pershing Road, Chicago, Illinois 60609 for analysis.

8.07 Spill Pollution Report

8.07.1 The appropriate information for each pollution spill should be obtained by the OSC and reported in the appropriate format established by the Division of Oil and Special Materials Control, Washington, D.C. Statements of witnesses, photographs, analyses of samples and related documentation will be retained by the OSC for possible use in enforcement actions. In all major spills, the pollution incident report should be completed and forwarded to the RRT Chairman.

Annex IX

9.00 FUNDING

9.01 General

9.01.1 The primary thrust of this Plan is to encourage the person responsible for a spill to take appropriate remedial actions promptly. Usually this will mean that the cost of containment, countermeasures and cleanup of spills should be borne by the person responsible for the discharge. The OSC and other officials associated with the handling of a spill should make a substantial effort to have the responsible person accept voluntarily this responsibility.

9.01.2 If the discharger does not voluntarily act promptly to remove the discharge of oil or hazardous substances, Federal discharge removal actions may be initiated pursuant to section 311 (c)(1) of the Act. The discharger, if known, is liable for the reasonable costs of such Federal removal actions in accordance with section 311 (f) of the Act.

9.01.3 Actions undertaken by the Primary Agencies in response to pollution emergencies shall be carried out under existing programs and authorities insofar as practicable.

9.01.4 It is not envisioned that any Federal agency will make resources available, expend funds or participate in operations in connection with pollution emergency operations unless such agency can so respond in conformance with its existing authority. Authority to expend resources will be in accordance with agencies' basic statutes and, if required, through cross-servicing agreements.

9.01.5 This Plan encourages interagency agreements whenever specific reimbursement agreements between Federal agencies are deemed necessary to insure that the Federal resources will be available for a timely response to a pollution emergency.

9.02 Funding Responsibility

9.02.1 The funding of removal actions necessitated by a discharge from a Federally operated or supervised facility is the responsibility of the operating or supervising agency.

9.02.2 Funding of response actions not associated with the removal activity, such as scientific investigations, law enforcement, or public relations is the responsibility of the agency having statutory or executive responsibility for those specific actions.

9.03 Agency Funding

9.03.1 The Environmental Protection Agency can provide funds to insure timely initiation of discharge removal actions in those instances where the OSC is an EPA representative. Funding of continuing Phase III and IV actions, however, shall be determined on a case-by-case basis by the Division of Oil and Special Materials Control at EPA. Inasmuch as EPA does not have funds provided for this purpose by statute or regulation, initiation of Phase III and IV activities is funded out of operating program funds.

9.03.2 The U.S. Coast Guard pollution control efforts are funded under "Operating Expenses." These funds are utilized in accordance with agency directives and applicable regional plans.

9.03.3 The Department of Defense has two specific sources of funds which may be applicable to a pollution incident under appropriate circumstances. (This does not consider military resources which might be made available under specific conditions.)

9.03.1-1 Funds required for removal of a sunken vessel or similar obstruction to navigation are available to the Corps of Engineers through Civil Functions Appropriations, Operations and Maintenance, General.

9.03.1-2 The U.S. Navy has funds available on a reimbursable basis to conduct salvage operations.

9.04 Disaster Relief Funds

9.04.1 Certain pollution control emergency response activities may qualify for reimbursement as disaster relief functions. In making a declaration of a "major disaster" for a stricken area, the President may allocate funds from his Disaster Relief Fund, administered by the Administrator, Federal Disaster Assistance Administration. After the President has declared a "major disaster or emergency" and authorized allocation of funds, the Administrator may authorize certain reimbursement to Federal agencies for disaster assistance provided under direction of his office. Applicable policies and procedures are stated in Title 24 Chapter XIII, Part 2201, "Reimbursement of Other Federal Agencies" under P.L. 91-606 (for use under P.L. 93-288 until revised).

9.04.2 The Administrator, FDAA, may also make financial assistance available to State governments and through the States to local governments in accordance with policies and procedures stated in Title 24, Chapter XIII, Part 2205, "Federal Disaster Assistance".

9.05 Pollution Revolving Fund

9.05.1 A pollution revolving fund, administered by the Commandant, USCG, has been established pursuant to subsection (k) of Section 311 of the Act. Regulations governing the administration and use of the fund are contained in 33 CFR 153.

9.05.2 Pursuant to section 311(c)(2)(H) of Public Law 92-500, the State or States affected by a discharge of oil or hazardous substance may act where necessary to remove such discharge and may, pursuant to regulations which the Commandant, USCG, may prescribe, be reimbursed from the fund for the reasonable costs incurred in such removal.

9.05.2-1 Removal by a State is necessary when the OSC determines that the owner or operator of the vessel, onshore facility, or offshore facility from which the discharge occurs does not effect removal properly and that:

9.05.2-1.1 State action is required to minimize or mitigate significant damage to the public health or welfare which Federal action cannot minimize or mitigate, or

9.05.2-1.2 Removal or partial removal can be effected by the State at a cost which is not significantly greater than the cost which would be incurred by the Federal departments or agencies.

9.05.2-2 Notwithstanding the above, State removal actions are not necessary if not in compliance with Annex X of this Plan.

9.05.2-3 State removal operations are considered to be Response Phase III or Response Phase IV actions to the extent that the same operations undertaken by a Federal agency would be so considered.

9.05.2-4 When supervised by the State agency designated pursuant to Part 203.1 of this Plan, removal operations of a local government are considered to be actions of the State for purposes of this section.

9.06 Obligation of Funds

9.06.1 Care must be exercised to ensure that misunderstandings do not develop about reimbursement of funds expended for removal activities. The OSC should not knowingly request services for which reimbursement is mandatory unless reimbursement funds are known to be available. Similarly, the agency supplying a reimbursable service should determine the source of reimbursement before committing resources necessitating reimbursement.

9.06.2 The criteria to be met before funds will be authorized include:

a) A discharge into or upon navigable waters or adjoining shorelines. The On-Scene Coordinator should not automatically assume that a water is navigable without consulting the Coast Guard.

b) The party responsible for the spill is unknown or does not take appropriate remedial action.

9.06.3 If these criteria are met, the OSC may estimate the needed funds and request a project number and revolving fund authorization from the Coast Guard District Comptroller.

9.06.3-1 In an emergency situation and pending receipt of a specific project number and amount of authorized commitment, the OSC may make informal commitments of up to \$20,000 for an individual discharge. In this case, the Coast Guard District Comptroller should be informed within 24 hours of the total informed commitments.

9.06.4 After receipt of the project number and amount of authorized commitment, the Coast Guard District Comptroller should be advised as soon as is practicable when cleanup is completed and provided with information and a cost estimate. Within 60 days after the cleanup, an itemized list of reimbursable costs and an itemized list of cost recoverable from the responsible party should be submitted.

9.06.5 OSC shall exert adequate control of removal operations so that he can certify that reimbursement from the fund is appropriate.

9.06.6 Detailed instructions on utilization of the fund are contained in the USCG Comptroller Manual.

9.06.7 By agreement with the USCG Second and Ninth Districts in cases where the EPA undertakes removal operations because the discharger is unknown, unwilling, or unable to take such action, the EPA office providing the OSC may forward its removal invoices directly to the USCG District Office for payment. It is understood that the EPA OSC will first communicate with the proper USCG District Office to briefly describe the removal effort contemplated and to receive a project number for cost charging purposes. The OSC may initially obligate amounts up to maximums established separately by USCG Second and Ninth Districts and communicated to the USEPA Region V. In no case shall this amount be exceeded without the approval of the appropriate USCG District Comptroller. Where removal operations are likely to exceed 24 hours duration, or the maximum established amount, the USCG District Contracting Officer may arrive at the scene of the discharge to arrange for contracting services.

9.06.8 By agreement with the USCG Second and Ninth Districts in case where the State undertakes removal operations because the discharger is unknown, unwilling, or unable to take such action, the State may forward its removal invoices for review to the EPA office which provided the OSC. Following the review to determine whether the work was done according to specifications, the EPA office will forward the invoices to the USCG District Office for reimbursement to the State. State liaison functions relative to removal operations are detailed in Part 203.1 of this Plan.

9.06.9 Removal operations by a State must be approved by the designated Federal OSC. The Federal OSC must be consulted regarding the discharge and agreement must be reached before starting work reimbursable from the Pollution Revolving Fund. The EPA OSC has the option of inspecting removal work in progress for conformance with the planned action and to determine that removal costs do not exceed Federal removal costs before approval of payment for the work is made.

9.07 Planning

9.07.1 The availability of funds and requirements for the reimbursement of expenditures by certain agencies must be included in resource utilization planning. Subregional contingency plans should show what resources are available under what conditions and cost arrangements.

9.07.2 Local interagency agreements may be necessary to specify when reimbursement is required.

9.08 Basic Ordering Agreement

9.08.1 Immediate response environmental surveys can be performed by a number of engineering firms in the Region whose qualifications have been established earlier by the EPA Regional and Washington Headquarters offices. This contractual support of EPA capabilities can provide analyses and predictions of damage effects. The specific services may include determinations of sources, causes, effects, movement, and dispersion of oil and hazardous substances spilled into inland waters.

9.08.2 Orders for work under this agreement may be initiated verbally but only by the following individuals in the Division of Oil and Special Materials Control Office, Washington, DC:

Russel H. Wyer	202-245-3048
Henry D. VanCleave	202-245-3045

Annex X

10.00 SCHEDULE OF CHEMICAL AGENTS

10.01 General

10.01.1 This schedule shall apply to the waters of the United States and adjoining shorelines, and the waters of the contiguous zone.

10.01.2 This schedule applies to the use of any chemicals as hereinafter defined that may be used to remove oil and remove or neutralize hazardous substances discharges. Any chemical agent or other substance not specifically defined in this schedule will be considered by EPA on a case by case basis for use in the removal of oil and hazardous substances discharges.

10.01.3 This schedule advocates development and utilization of sorbents, skimmers, booms, and other mechanical control methods to remove or mitigate oil and remove, mitigate, or neutralize hazardous substances discharges from the environment with subsequent proper disposal.

10.01.4 It is the intent of this schedule that no harmful quantities of any substance be applied to the waters to remove or neutralize the effects of oil or hazardous substances discharges.

10.01.5 In implementing this schedule and in maintaining its relationship with other Federal and State agencies, EPA shall recognize that some States may have more stringent laws, regulations or written policies regulating the use of chemicals in the removal of oil and hazardous substance discharges, in which case such laws, regulations or policies shall govern.

10.01.6 It has been determined that because of the overriding need for prompt initiation of discharge removal actions, no formal permit as provided for by section 402 of the Act, shall be required before application of chemicals to mitigate the effects of a discharge. The provisions of Part 201.7 of this Plan shall apply.

10.02 Definitions. Mechanical removal methods generally include the use of pumps, skimmers, booms, earthmoving equipment, and other mechanical devices. Materials applied to oil or floating hazardous substances discharges to achieve an essentially non-mechanical removal of these substances are defined as follows:

10.02.1 Chemical Agents are those elements, compounds, or mixtures that disperse, dissolve, emulsify, neutralize, precipitate, reduce, solubilize, oxidize, concentrate, congeal, entrap, fix, gel, make the pollutant mass more rigid or viscous, or otherwise facilitate the mitigation of deleterious effects or removal of the pollutant from the water.

10.02.2 Dispersing Agents are those chemical agents which emulsify, disperse, or solubilize oil into the water column or act to further the surface spreading of oil slicks in order to facilitate dispersal of the oil into the water column.

10.02.3 Surface Collecting Agents are those chemical agents which are a surface film forming chemical for controlling oil layer thickness.

10.02.4 Biological Agents are microbiological cultures, enzymes, or nutrient additives that are deliberately introduced into an oil or hazardous substance spill for the specific purpose of encouraging biodegradation to mitigate the effects of a spill.

10.02.5 Burning Agents are those materials which, through physical or chemical means, improve the combustibility of the materials to which they are applied.

10.02.6 Sinking Agents are those materials which are applied to oil and hazardous substance spills to sink floating pollutants below the water surface.

10.02.7 Sorbents are essentially inert and insoluble materials which are used to remove oil and hazardous substances from water through a variety of sorption mechanisms. Examples include: straw, expanded perlite, polyurethane foams, reclaimed paper fibers, peat moss.

10.03 Dispersing agent program for spills of oil and applicable hazardous substances.

10.03.1 Authorization for use of dispersing agents. For major and medium discharges, dispersing agents may be used in any place, at any time, and in quantities designated by the OSC when their use will:

10.03.1-1 In the judgment of the OSC, prevent or substantially reduce hazard to human life or limb or substantially reduce explosion or fire hazard to property;

10.03.1-2 In the judgment of the EPA RRT member on a case by case basis, in consultation with appropriate State or Federal agencies, prevent or reduce substantial hazard to a major segment of the population(s) of vulnerable species of waterfowl; or

10.03.1-3 In the judgment of the EPA RRT member on a case by case basis, in consultation, whenever possible, with appropriate State and Federal agencies, result in the least overall environmental damage, or interference with designated water uses.

10.03.2 For minor discharges, the provisions of section 10.03.1-1 shall apply.

10.03.3 Special restrictions on dispersing agent use as described in the National Oil and Hazardous Substances Pollution Contingency Plan shall apply.

10.04 Surface collecting agent program for spills of oil and applicable hazardous substances.

10.04.1 Authorization for use of surface collecting agents: major, medium, and minor discharges. The OSC may authorize use of surface collecting agents on a case by case basis when their use will:

10.04.1-1 Result in the least overall environmental damage or interference with designated water uses and

10.04.1-2 Provide a key element in the most effective system for removing oil or hazardous substances discharges from the water environment.

10.04.2 Mechanism for authorizing use. The OSC may authorize the use of a surface collecting agent verbally when on scene or by telephone prior to arriving on scene. In all cases, the OSC is obligated to comply with the provisions of 10.04.3 prior to making such authorization. A review of the capabilities and expertise of the owner or operator or cleanup contractor prior to the occurrence of the spill incident would be most beneficial in situations where telephone authorization is desired or contemplated.

10.04.3 Restrictions on surface collecting agent use as described in the National Oil and Hazardous Substances Pollution Contingency Plan shall apply.

10.05 Biological additive program for spills of oil and applicable hazardous substances.

10.05.1 Authorization for use of biological agents. All discharges:

10.05.1-1 The OSC may authorize the use of biological additives on water or shorelines only after obtaining the approval of the EPA representative to the RRT. The EPA RRT representative is required to consult with the EPA representative to the NRT on the environmental priorities of the subject incident. The manufacturer or supplier of microbiological cultures or enzymes must obtain approval from State and local public health and pollution control officials and furnish evidence of such approval to the EPA RRT representative.

10.05.2 Special restrictions on biological additive use as described in the National Oil and Hazardous Substances Pollution Contingency Plan shall apply.

10.06 Burning agent program for spills of oil and applicable hazardous substances.

10.06.1 Authorization for use of biological agents. All discharges:

10.06.1-1 The OSC may authorize the use of burning agents only when their use will prevent or substantially reduce imminent threats to human life or limb or property; or

10.06.1-2 Will result in the least environmental harm when compared to other removal or disposal methods.

10.06.1-3 Prior to authorizing use, the OSC must obtain the approval of the EPA RRT representative and all applicable State and local public health and pollution control officials.

10.06.2 Special restrictions on burning agent use as described in the National Oil and Hazardous Substances Pollution Contingency Plan shall apply.

10.07 Sinking agent program for spills of oil and applicable hazardous substances.

10.07.1 Authorization for use of sinking agents. All discharges:

10.07.1-1 Sinking agents shall not be applied to discharges of oil or hazardous substances on the navigable waters of the United States and contiguous zone.

10.08 Mechanical methods and sorbents program for spills of oil and hazardous substances.

10.08.1 Authorization for use of mechanical methods and sorbents. All discharges:

10.08.1-1 As stated in 10.01.3, it is the policy of this schedule to advocate the use of mechanical methods and sorbents for removal of oil and hazardous substances spills. The OSC has the authority to use or prohibit specific mechanical methods and sorbents on a case by case basis. The OSC will select methods and materials that, in his judgment, will be most effective in expeditiously removing the spilled material and mitigating the related damages, and will minimize secondary pollution from the removal or mitigation operation. Prior to authorizing the use of sorbents, the OSC shall take into consideration hydrographic and meteorological conditions as well as the characteristics of the sorbent and the availability of adequate containment and removal equipment.

10.09 Qualified acceptance by Division of Oil and Special Materials Control of pollution control agents.

10.09.1 Biological additives. Commercial designation:

10.09.1-1 NOSCUM. The technical product data submission on the said biological additive, manufactured by the Natural Hydrocarbon Elimination Company, Houston, Texas, has been accepted by the Environmental Protection Agency. The furnished product data were reviewed and are in compliance (16 SEP 1976) with the requirements for biological additives as prescribed in Paragraph 2005.3-4 of Annex X of the National Oil and Hazardous Substances Pollution Contingency Plan. In accordance with Annex X, the technical product data will be maintained on file, and the OSC may authorize the use of biological additives on water and shorelines only after obtaining approval through proper channels specified in the plan. Acceptance of technical product data by the Environmental Protection Agency does not constitute approval of the biological additive or imply compliance with any criteria or minimum standards for such agents.

As stated in Paragraph 2005.1 (National Plan), authorization for use of biological agents, these agents may be used only after (1) acceptance of the technological product data, (2) submission of chemical composition and ratios of primary nutrients or nutrient additives to the OSC, and (3) approval by the EPA representative to the Regional Response Team.

To avoid any possible misinterpretation or misrepresentation, this letter of acceptance material may be reproduced only in its entirety in any advertisement or technical literature on the biological additive. Failure to comply with restrictions in Annex X (National Plan) or an improper reference to EPA in an attempt to demonstrate approval of the agent will constitute grounds for withdrawal of the original letter of acceptance. Any changes in the composition of the biological additive, affecting data submitted under Paragraph 2005.3-4 (National Plan), will require retesting of such agent before acceptance is reissued.

10.09.2 Surface collecting agents. Commercial designation:

10.09.2-1 OIL HERDER. The technical product data submission on the said surface collecting agent, manufactured by the Shell Oil Company, Houston, Texas, has been accepted by the Environmental Protection Agency. The furnished product data were reviewed and are in compliance (16 SEP 76) with the requirements for surface collecting agents as prescribed in Paragraph 2004.3-4 of Annex X of the National Oil and Hazardous Substances Pollution Contingency Plan. In accordance with Annex X, the technical product data on physical, chemical, and toxicity characteristics will be maintained on file and the OSC may authorize use of the surface collecting agent for spills of oil and hazardous substances on a case-by-case basis. Acceptance of the technical product data means that the chemical substance met the solubility criterion for surface collecting agents but is not an indication of the effectiveness, toxicity characteristics or other related factors of the substance.

As stated in Paragraph 2004.1-1, authorization for use of surface collecting agents, these agents may be used only when their use will (1) result in the least overall environmental damage or interference with designated water uses and (2) provide a key element in the most effective system for removing oil or hazardous substances discharges from the water environment.

To avoid any possible misinterpretation or misrepresentation, this letter of acceptance material may be reproduced only in its entirety in any advertisement or technical literature on the surface collecting agent. Failure to comply with restrictions in Annex X (National Plan) or an improper reference to the EPA in an attempt to demonstrate approval of the surface collecting agent will constitute grounds for withdrawal of the letter of acceptance. Any changes in the composition or formulation of the surface collecting agent, affecting data submitted under Paragraph 2004.3-4, will require retesting of such agent before acceptance is reissued.

10.09.3 Dispersing agents. Commercial designation:

10.09.3-1 SEA MASTER, NS-555. The technical product data submission on the said dispersing agent, manufactured, by the Whale Chemical Company, Staten Island, New York, has been accepted by the Environmental Protection Agency. The furnished product data were reviewed and satisfy the requirements (6 JUN 1977) for dispersing agent testing as prescribed in Paragraph 2003.3-4 of Annex X of the National Oil and Hazardous Substances Pollution Contingency Plan. In accordance with Annex X, the technical product data will be maintained on file by the Oil and Special Materials Control Division, and the OSC can authorize use of the dispersing agent for spills of oil and hazardous substances on a case-by-case basis. Acceptance of technical product data by the EPA does not constitute approval of the dispersing agent or imply compliance with any criteria or minimum standards for such agents.

As stated in Paragraph 2003.1 (National Plan), authorization for use of dispersing agents, these agents may be used only when their use will (1) prevent or substantially reduce hazard to human life or limb or substantially reduce explosion or fire hazard to property, (2) prevent or reduce substantial hazard to vulnerable species of water-fowl, and (3) result in the least overall environmental damage or interference with designated water uses. To avoid any possible misinterpretation or misrepresentation, this letter of acceptance material may be reproduced only in its entirety in any advertisement or technical literature on the dispersing agent. Failure to comply with restrictions in Annex X (National Plan) or an improper reference to EPA in an attempt to demonstrate approval of the dispersing agent will constitute grounds for withdrawal of the letter of acceptance. Any changes in the composition or formulation of the dispersing agent, affecting data submitted under Paragraph 2003.3-4 (National Plan), will require retesting of such agent before acceptance is reissued.

10.09.3-2 GOLD CREW DISPERSANT. The technical product data submission on the said dispersant, manufactured by ARA Chem, Inc., San Diego, California, has been accepted by the Environmental Protection Agency. The furnished product data were reviewed and satisfy the requirements (31 AUG 1977) for dispersing agent testing as prescribed in Paragraph 2003.3-4 of Annex X of the National Oil and Hazardous Substances Pollution Contingency Plan. Other provisions relative to Gold Crew Dispersant are same as in Sec. 10.09.3-1.

10.09.3-3 ATLANTIC-PACIFIC OIL DISPERSANT. The technical product data submission on the said oil dispersant, manufactured by the GFC Chemical Company, West Palm Beach, Florida, has been accepted by the Environmental Protection Agency. The furnished product data were reviewed and satisfy the requirements (19 SEP 1977) for dispersing agent testing as prescribed in Paragraph 2003.3-4 of Annex X of the National Oil and Hazardous Substances Pollution Contingency Plan. Other provisions relative to Atlantic-Pacific Oil Dispersant are same as in Sec. 10.09.3-1.

10.09.3-4 COLD CLEAN. The technical product data submission on the said oil dispersant, manufactured by the Adair Equipment Company, Inc., Houston, Texas, has been accepted by the Environmental Protection Agency. The furnished product data were reviewed and satisfy the requirements (7 OCT 1977) for dispersing agent testing as prescribed in Paragraph 2003.3-4 of Annex X of the National Oil and Hazardous Substances Pollution Contingency Plan. Other provisions relative to Cold Clean dispersant are same as in Sec. 10.09.3-1.

10.09.3-5 BP 1100 X. The technical product data submission on the said dispersant, manufactured by BP North America, Inc., New York, New York, has been accepted by the Environmental Protection Agency. The furnished product data were reviewed and satisfy the requirements (20 OCT 1977) for dispersing agent testing as prescribed in Paragraph 2003.3-4 of Annex X of the National Oil and Hazardous Substances Pollution Contingency Plan. Other provisions relative to BP 1100 X dispersant are same as in Sec. 10.09.3-1.



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

14 JUN 1978

OFFICE OF WATER AND
HAZARDOUS MATERIALS

SUBJECT: Annex X Oil Spill Dispersant Program

FROM: Kenneth E. Biglane, Director *K. Biglane*
Oil and Special Materials Control Division (WH-548)

TO: OHM Coordinators

Attached are three acceptance letters which were issued by the Environmental Protection Agency in accordance with Annex X to the National Contingency Plan.

Following is a list of the newly accepted products, name of the manufacturers and the date of acceptance:

- o Corexit 9527, Exxon Chemical, March 10, 1978.
- o Conoco Dispersant K, Continental Chemical Company, April 25 1978.
- o BP1100WD, BP North America incorporated, May 11, 1978.

All furnished technical product data are maintained on file by the Oil and Special Materials Control Division. When completed, technical bulletins, detailing key information on the accepted chemical agents, will be forwarded to each Regional Office.

Attachments

Annex XI

11.00 NON-FEDERAL INTERESTS

11.01 General Policy

11.01.1 The policy of the Federal government is to initiate discharge removal operations when required and action is not being taken by the discharger or other private or public organization.

11.02 Planning and Preparedness

11.02.1 The planning and preparedness functions incorporated in regional contingency plans also apply to non-Federal resources. The State and local governments and private interests are to be encouraged to participate in Regional planning and preparedness functions.

11.02.2 State and local government agencies are encouraged to include contingency planning for discharge removal in existing and future emergency and disaster planning activities. States are invited to provide observers to the planning activities of the appropriate RRT. See part 304.3 of this Plan.

11.03 Pollution Emergency Response Operations

11.03.1 State agencies may be reimbursed from the fund established by section 311 (k) of the Act for reasonable costs incurred in the removal of oil and hazardous substances discharges from the waters and shorelines of the United States. The procedures to be followed are detailed in Part 9.05, Annex IX of this Plan.

11.03.2 Coordination should be arranged with local government organizations such as county and city or town governments. This is especially important for purposes of traffic control, land access and disposal of pollutants removed in response operations.

11.04 Volunteers

11.04.1 Volunteers desiring to assist in the response effort shall be directed to the OSC for the purpose of utilizing their efforts in accordance with established Federal regulations and policies. Normally they should not be used for physical removal of pollutants. Specifically, if a substance is toxic to humans, volunteers should not be permitted at on-scene operations.

11.04.2 Information for and education of volunteer personnel on general contingency operations and procedures as well as specific details of the discharge is mandatory if response efforts are to be effective and conclusive.

11.04.3 During contingency plan operations, information on the discharge and removal efforts should be provided to volunteers frequently to insure coordinated effort and a sense of meaningful participation.

11.05 State Contingency Plans

11.05.1 Illinois

Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, IL 62706

11.05.2 Indiana

Indiana Stream Pollution Control Board
1330 W. Michigan St.
Indianapolis, IN 46202

11.05.3 Michigan

Michigan Water Resources Commission
Station A, Stevens T. Mason Bldg.
Lansing, MI 48913

11.05.4 Minnesota

Minnesota Pollution Control Agency
1935 West County Road B2
Roseville, MN 55113

11.05.5 Ohio

Ohio Environmental Protection Agency
361 East Broad Street
P.O. Box 1049
Columbus, OH 43216

11.05.6 Wisconsin

Wisconsin Department of Natural Resources
4610 University Avenue
P.O. Box 7921
Madison, WI 53707

11.06 Inter-State Contingency Plans

11.06.1 Ohio River Valley

Ohio River Valley Sanitation Commission (ORSANCO)
414 Walnut Street
Cincinnati, OH 45202

513-421-1151
Organization of state representatives

11.07 U.S. - Canadian Contingency Plans

11.07.1 United States - Canadian Joint Working Group on Great Lakes Pollution

International Joint Commission
U.S. Dept. of State
Washington, DC

"This 'Joint United States-Canadian Oil and Hazardous Materials Pollution Contingency Plan for the Great Lakes Region' is intended to supplement and coordinate internationally other approved national, provincial, state, and local pollution contingency plans. It does not have the force of law, nor is it intended to modify in any way any laws of either nation or its political subdivisions. The primary agencies do agree, however, to act in accordance with this plan unless prohibited from doing so by their own legal authorities or other binding constraints."

11.08 Canadian Contingency Plans

11.08.1 Environment Canada
Environmental Protection Service
135 St. Clair Ave. W.
Toronto, Ontario M4V1P5
Canada

11.08.2 Ontario Ministry of the Environment
135 St. Clair Ave. W.
Toronto, Ontario M4V1P5
Canada

Annex XV

15.00 TECHNICAL INFORMATION

15.01 Technical Library

15.01.1 A technical library of pertinent pollution control technical documents will be maintained in the RRC. Such information should be useful as reference information to the experienced OSC and instructional to less experienced personnel:

15.02 Specific References

15.02.1 As a minimum the following reference documents will be maintained in the RRC technical library.

15.02.1-1 Current National Oil and Hazardous Substances Pollution Contingency Plan.

15.02.1-2 Current Regional Oil and Hazardous Substances Pollution Contingency Plan.

15.02.1-3 Current Directory of the American Council of Independent Laboratories.

15.02.1-4 Encyclopedia of Chemical Technology, 22 Vols., Kirk-Othmer, 2nd edition c1963-1971, John Wiley & Sons, New York, NY.

15.02.1-5 Chemical Data Guide for Bulk Shipment by Water (U.S. Coast Guard CG-388).

15.02.1-6 U.S. Corps of Engineers' Regulations ER 500-1-1 and ER 500-1-8 Emergency Employment of Army Resources (Natural Disaster Activities).

15.02.1-7 Federal Disaster Assistance Program - Handbook for Applicants, FDAA 3300.1, July 1973.

15.02.1-8 Federal Disaster Assistance Program - Eligibility Handbook 3300.2, July 1973.

15.02.1-9 Federal Disaster Program - Handbook for State and Federal Officials 3000.4, December 1973.

15.02.1-10 Handbook of Toxicology, National Academy of Sciences/National Research Council.

15.02.1-11 46 CFR-146, Transportation of Storage of Explosives or other Dangerous Articles or Substances, and Combustible Liquids on Board Vessels.

15.02.1-12 33 CFR, Parts 3, 6, 121, 124-6. Security of Vessels and Waterfront Facilities (USCG CG 239).

15.02.1-13 33 and 40 CFR parts implementing Section 311 of the Federal Water Pollution Control Act, as amended.

15.02.1-14 Hazardous Waste Management Facilities in the United States - 1977, EPA/530/SW-146.3, January 1977.

15.02.2 In addition to the library specified above, the RRC has provision, either in publications or by computer terminal, for access to the EPA Technical Assistance Data System (TADS) and the USCG Chemical Hazard Response Information System (CHRIS).

15.03 Definitions of Terms

15.03.1 API GRAVITY: An empirical scale for measuring the density of liquid petroleum products, the unit being called the "degree API".

15.03.2 ASH: Inorganic residue remaining after ignition of combustible substances determined by definite prescribed methods.

15.03.3 ASPHALTS: Black, solid or semisolid bitumens which occur in nature or are obtained as residues during petroleum refining.

15.03.4 BILGE OIL: Waste oil which accumulates, usually in small quantities, in the lower spaces in a ship, just inside the shell plating. Usually mixed with larger quantities of water.

15.03.5 BLOWOUT: A sudden violent escape of gas and oil from an oil well when high pressure gas is encountered and preventive measures have failed.

15.03.6 BOILING POINT: The temperature at which the vapor pressure of a liquid is equal to the pressure of the atmosphere.

15.03.7 BUNKER "C" OIL: A general term used to indicate a heavy viscous fuel oil.

15.03.8 BUNKER FUEL: A general term for heavy oils used as fuel on ships and in industry. It often refers to No. 5 and 6 fuel oils.

15.03.9 BUNKERING: The process of fueling a ship.

15.03.10 COKER FEED (OR FUEL): A special fuel oil used in a coker furnace, one of the operating elements of a refinery.

15.03.11 CONVERSION TABLES:

<u>Knowing</u>	<u>Multiply by factor below to obtain</u>				
	Gallon U.S.	Barrel U.S.	Gallon Imperial	Cubic Feet	Litre
Gallon (U.S.)	1.000	0.023810	0.83268	0.13368	3.7853
Barrel	42.0*	1.0000	34.9726	5.6146	158.984
Gallon (Imp.)	1.2009	0.02859	1.000	0.1605	4.546
Cubic Feet	7.4805	0.1781	6.2288	1.000	28.316
Litres	0.2641	0.000629	0.2199	0.03532	1.000
	Pound	Ton (Short)	Ton (Long)	Ton (Metric)	
Pounds	1.00	0.00050	0.000446	0.00045359	
Ton (Short)	2000.0*	1.0000	0.89286	0.90718	
Ton (Long)	2240.0*	1.120	1.0000	1.0160	
Ton (Metric)	2204.6*	1.1023	0.98421	1.000	

One Hectolitre equals 100 Litre.

One Ton (Metric) equals 1000 Kilograms.

Conversions marked (*) are exact by definition.

15.03.12 APPROXIMATE CONVERSIONS:

<u>Material</u>	<u>Barrels per Ton (long)</u>
crude oils	6.7 - 8.1
aviation gasolines	8.3 - 9.2
motor gasolines	8.2 - 9.1
kerosenes	7.7 - 8.3
gas oils	7.2 - 7.9
diesel oils	7.0 - 7.9
lubricating oils	6.8 - 7.6
fuel oils	6.6 - 7.0
asphaltic bitumens	5.9 - 6.5

(As a general rule-of thumb use 6.5 barrels or 250 gallons per ton of oil.)

15.03.13 CRUDE OIL: Petroleum as it is extracted from the earth. There may be several thousands of different substances in crude oil some of which evaporate quickly, while others persist indefinitely. The physical characteristics of crude oils may vary widely. Crude oils are often identified in trade jargon by their regions of origin. This identification may not relate to the apparent physical characteristics of the oil. Commercial gasoline, kerosene, heating oils, diesel oils, lubricating oils, waxes, and asphalts are all obtained by refining crude oil.

15.03.14 DEMULSIBILITY: The resistance of an oil to emulsification, or the ability of an oil to separate from any water with which it is mixed. The better the demulsibility rating, the more quickly the oil separates from water.

15.03.15 DENSITY: Density is the term meaning the mass of a unit volume. Its numerical expression varies with the units selected.

15.03.16 EMULSION: A mechanical mixture of two liquids which do not naturally mix as oil and water. Water-in-oil emulsions have the water as the internal phase and oil as the external. Oil-in-water emulsions have water as the external phase and the internal phase is oil.

15.03.17 FIRE POINT: The lowest temperature at which an oil vaporizes rapidly enough to burn for at least 5 seconds after ignition, under standard conditions.

15.03.18 FLASH POINT: The lowest temperature at which an oil gives off sufficient vapor to form a mixture which will ignite, under standard conditions.

15.03.19 FRACTION: Refinery term for a product of fractional distillation having a restricted boiling range.

15.03.20 FUEL OIL GRADE: Numerical ratings ranging from 1 to 6. The lower the grade number, the thinner the oil is and the more easily it evaporates. A high number indicates a relatively thick, heavy oil. No. 1 and 2 fuel oils are usually used in domestic heaters, and the others are used by industry and ships. No. 5 and 6 oils are solids which must be liquified by heating. Kerosene, coal oil, and range oil are all No. 1 oil. No. 3 fuel oil is no longer used as standard term.

15.03.21 INNAGE: Space occupied in a product container.

15.03.22 IN PERSONEM: An action in personem is instituted against an individual, usually through the personal service of process, and may result in the imposition of a liability directly upon the person of a defendant.

15.03.23 IN REM: An action "in rem" is one in which the vessel or thing itself is treated as offender and made defendant without any proceeding against the owners or even mentioning their names. The decree in an action in rem is enforced directly against the res by a condemnation and sale thereof.

15.03.24 LOAD ON TOP: A procedure for ballasting and cleaning unloaded tankers without discharging oil. Half of the tanks are first filled with seawater while the others are cleaned by hosing. Then oil from the cleaned tanks, along with oil which has separated out in the full tanks, is pumped into a single slop tank. The clean water in the full tanks is then discharged while the freshly-cleaned tanks are filled with seawater. Ballast is thus constantly maintained.

15.03.25 OIL FILMS: A slick thinner than .0001 inch and may be classified as follows:

<u>standard term</u>	<u>gallons of oil per square mile</u>	<u>appearance</u>
"barely visible"	25	barely visible under most favorable light conditions
"silvery"	50	visible as a silvery sheen on surface water
"slightly colored"	100	first trace of color may be observed
"brightly colored"	200	bright bands of color are visible
"dull"	666	colors begin to turn dull brown
"dark"	1332	much darker brown

Note: Each one-inch thickness of oil equals 5.61 gallons per square yard or 17,378,709 gallons per square mile.

15.03.26 OUTAGE: Space left in a product container to allow for expansion during temperature changes it may undergo during shipment and use. Measurement of space not occupied.

15.03.27 pH: Term used to express the apparent acidity or alkalinity of aqueous solutions; values below 7 indicate acid solutions and values above 7 indicate alkaline solutions.

15.03.28 POUR POINT: The lowest temperature at which an oil will flow or can be poured under specified conditions of test.

15.03.29 RESIDUAL OIL: A general term used to indicate a heavy viscous fuel oil.

15.03.30 SCUPPERS: Openings around the deck of a vessel which allow water falling onto the deck to flow overboard. Should be plugged during fuel transfer.

15.03.31 SLUDGE OIL: Muddy impurities and acid which have settled from a mineral oil.

15.03.32 SPECIFIC GRAVITY: The ratio of the weight of a given volume of the material at a stated temperature to the weight of an equal volume of distilled water at a stated temperature.

15.03.33 SPONTANEOUS IGNITION TEMPERATURE: (S.I.T.): The temperature at which an oil ignites of its own accord in the presence of air oxygen under standard conditions.

15.03.34 STROKE: The unit of kinematic viscosity.

15.03.35 TONNAGE: There are various tonnages applied to merchant ships. The one commonly implied is gross tonnage although in these days tankers and other bulk-carriers are often referred to in terms of deadweight.

15.03.35-1 GROSS TONNAGE: 100 cubic feet of permanently enclosed space is equal to one gross ton--nothing whatever to do with weight. This is usually the registered tonnage although it may vary somewhat according to the classifying authority or nationality.

15.03.35-2 NET TONNAGE: The earning capacity of a ship. The gross tonnage after deduction of certain spaces, such as engine and boiler rooms, crew accommodation, stores, equipment etc. Port and harbor dues are based on this tonnage.

15.03.35-3 DISPLACEMENT TONNAGE: The actual weight in tons, varying according to whether a vessel is in light or loaded condition. Warships are always spoken of by this form of measurement.

15.03.35-4 DEADWEIGHT TONNAGE: The actual weight in tons of cargo, stores, etc. required to bring a vessel down to her load line, from the light condition. Cargo deadweight is, as its name implies, the actual weight in tons of the cargo when loaded, as distinct from stores, ballast, etc.

15.03.36 ULLAGE: The amount by which a tank or vessel lacks being filled. (See also OUTAGE)

15.03.37 VISCOSITY: The property of liquids which causes them to resist instantaneous change of shape, or instantaneous rearrangement of their parts, due to internal friction. The resistance which the particles of a liquid offer to a force tending to move them in relation to each other. Viscosity of oils is usually expressed as the number of seconds at a definite temperature required for a standard quantity of oil to flow through a standard apparatus.

15.03.38 VISCOUS: Thick, resistant to flow, having a high viscosity.

15.03.39 VOLATILE: Evaporates easily.

Annex XX

20.00 RESPONSE COOPERATIVES

Response cooperatives are organized generally for the benefit of the participating members only. The following list is provided as a possible source of consultation and assistance in the event that emergencies over-stress other available facilities.

20.01 Illinois
Alphabetized by cities

Bi-State Metropolitan Oil Control Coordination Committee
c/o American Oil Co.
P.O. Box C
Bettendorf, IA 52722
319-355-2686
M.A. Otto

Mississippi River from north of Bettendorf, Ia. to south of Rock Island, Ill.

Greater Chicago Harbor Association
c/o Bulk Terminals Co.
12200 S. Stony Island Ave.
Chicago, IL 60633
312-646-4448
Adam Jannik

Alternate
c/o Petrochem Services, Inc.
P.O. Box 337
Lemont, IL 60439
312-257-5875
Joseph J. Smith

Will-Grundy Industrial Conservation Committee
c/o Amoco Chemicals Corp.
P.O. Box 941
Joliet, IL 60434
815-462-2221
Ray K. Jurvich
The Des Plaines River

Peoria-Tazewell Conservation Committee
c/o Standard Oil Division of the American Oil Co.
P.O. Box 668
Pekin, IL 61555
309-673-3654
Dwight Browning
Illinois River

20.02 Indiana
Alphabetized by cities

Evansville-Henderson Mutual Assistance Committee
c/o Standard Oil Div., American Oil Co.
Broadway & L&N Railroad
Evansville, IN 47712
Office: 812-425-9046
Off duty: 812-963-6088, Gene Stolz

Indiana Harbor Canal Committee
c/o Standard Oil Div., American Oil Co.
P.O. Box 751
Whiting, IN 46394
219-473-3348, J.W. Windhauser
219-473-3379, Howard Miller
219-473-3347, Dock Office, 24 Hr.

"Oil Spillage Contingency Plan, Indiana Harbor Ship Canal, East Chicago, Indiana," a comprehensive plan developed to contain and reclaim any major oil spillage in the Canal and to prevent contamination of Lake Michigan.

Louisville Area Industrial Mutual Aid
c/o Orr Safety Equipment Co.
2360 Miller's Lane
Louisville, KY 40216
Office: 502-774-7791
Off duty: 502-425-2370, Ray Burleson

Mt. Vernon Cooperative Oil Control Committee
c/o Texaco, Inc.
West Second Street, P.O. Box 625
Mt. Vernon, IN 47620
Office: 812-838-2211
Off duty: 812-838-2823
Laverne Young

20.03 Michigan
Alphabetized by cities

Bay County-Saginaw River Spill Control
Committee Reaction Plan
203-15th St., P.O. Box 391
Bay City, MI 48707
517-892-4578
James McGowan, Port Coordinator
Saginaw River and tributaries and Saginaw Bay upon Coast Guard
request.

Bay DeNoc Petroleum Group Oil Spill Cooperative
c/o Bay DeNoc Oil Co.
Escanaba, MI 49829
906-428-2341
David Walsh

Little Bay DeNoc and Big Bay DeNoc

Detroit Area Industrial Mutual Aid (DAIMA)
c/o Marathon Oil Co.
1300 S. Fort St.
Detroit, MI 48217
313-843-9100
Ardell Johnson

Detroit River, River Rouge, Huron River, and Lake St. Clair

Muskegon Tri-Cities' Mutual Assistance Association
c/o Gulf Oil Corp.
P.O. Box 4268
Muskegon Heights, MI 49441
616-755-1606
V. L. Cooper

Muskegon Lake and Grand River. Lake Michigan if necessary.
Available equipment: Slickbar booms, skimmers, boats.

Northern Associates Environmental Control Cooperative
c/o American Oil Co.
Sault Ste. Marie, MI 49783
906-632-6291
C. L. Morley

Saint Mary's River and Lake Nicolet

Grand Traverse Bay Cooperative
c/o Total Petroleum, Inc.
13544 W. Bay Shore Dr., P.O. Box 708
Traverse City, MI 49684
616-946-9550
Hugh R. Murchie

20.04 Minnesota

Miss-Ota-Croix Oil Control Coordination Committee
(Upper Mississippi River Basin)
612-774-9763; 612-633-1555
James Knoble

For greater protection against environmental damage in the Upper Mississippi River Basin, the Minnesota petroleum industry has formed a coordination committee. The purpose of this committee is to provide for a rapid mobilization of equipment and personnel to assist in the control of oil or other hazardous materials spills. All members of this committee are assured of having the means to combat an emergency situation.

20.05 Ohio
Alphabetized by cities

Tri-State Spill Pollution Prevention and Cleanup Committee
c/o Ashland Oil, Inc.
Ashland, KY 41101
606-329-4457/3333
Michael Duffy

Ohio River from New Martinsville, WV to Greenup Dam

Greater Cincinnati Hazardous Material Control Committee
Fire Division Headquarters
430 Central Ave.
Cincinnati, OH 45202
513-321-0215
Ben Johnson

Ohio River, mile 459.0 to 500.0, and Licking River, mouth to
mile 7.0.

Cleveland Harbor Conservation Committee
c/o Republic Steel Corp., Environmental Div.
3100 E. 45th St.
Cleveland, OH 44127
216-574-8553
Mark Vanek

Cleveland Harbor and Cuyahoga River. Contingency Plan available.

Steubenville-Wheeling Area
c/o Ohio Petroleum Council
88 East Broad St.
Columbus, OH 43212
614-221-5439
Bill Howard

Ohio River, co-terminus with Pittsburgh cooperative to New
Martinsville, W. Va.

Greater Sandusky Area Spill Response Planning Committee
c/o U.S. Coast Guard
Captain of the Port
401 Federal Bldg.
234 Summit Street
Toledo, OH 43604
419-259-6372
Lt. (j.g.) Robert Buckles

Toledo Harbor Spill Control Committee
c/o Standard Oil Co. of Ohio
Cedarpoint Road
Oregon, OH 43605
419-243-8167 X455, 419-726-1529 (after hours)
Edward Stehel, Chairman

Toledo Harbor and Maumee Bay

20.06 Wisconsin
Alphabetized by cities

Metro Milwaukee Petroleum Group
c/o Texaco Company
1960 S. Harbor Drive
Milwaukee, WI 53207
414-744-5511
John Sussex
Lake Michigan and adjacent waters

Annex XXI

21.00 RESPONSE INVENTORY: AGENCY NATIONAL, REGIONAL, SUB-REGIONAL

The Environmental Protection Agency Region V will provide technical expertise to the OSC and the RRT relative to the control of spilled oil and hazardous materials. Annex XXI lists much of the principal equipment available within the Region for field and laboratory response. In the event that additional assistance should be necessary to handle large and troublesome spills, the Coast Guard Strike Teams can be called upon to provide this assistance. The Atlantic Strike Team should be called upon for service within Region V in those areas corresponding to Coast Guard District Nine; the Gulf Strike Team should be called upon for service in those areas corresponding to Coast Guard District Two.

21.01 Regional Office, Environmental Emergency Section

230 S. Dearborn St.
Chicago, Illinois 60604
FTS, Com: 312-353-2318
Off Duty Com: 312-353-2318, Russell Diefenbach
312-353-2318, Charles Castle
312-353-2318, Chester Marcyn
TWX: 910-221-5191 (WPCCHI)

Equipment

- 1 - Survivair Breathing Equipment (for above freezing temperatures)
- 2 - Scott Air-Pak Self-contained Breathing Equipment (winterized)
- 6 - Motorola portable receiver-transmitters, 10 watt
- 6 - Gas Masks
- 2 - Sentox 2 Gas Analyzers
- 1 - Portable radio-telephone
- Camera, protective clothing, etc.

21.02 Central Regional Laboratory

536 S. Clark Street
Chicago, Illinois 60605
FTS, Com: 312-353-8370
OSC may call the following for analytical services, off duty:
Curtis Ross 312-747-4355
Dr. Billy Fairless 312-598-0584
Dr. Emilio Sturino 312-857-7592

Equipment

- 2 - Gas chromatograph
 - 2 - Infrared spectrophotometer
 - 1 - Mass spectrometer
 - 1 - Fluorescence spectrometer
 - 4 - Atomic Absorbtion spectrometer
 - 1 - Refractometer
 - 1 - Hach Drel field analytical testing laboratory
 - 1 - Orion pH meter with specific ion electrodes for chloride and cyanide.
- Mobile laboratory capability.
Other supporting equipment.

21.03 Central District Office, Chicago, IL

536 S. Clark Street
Chicago, Illinois 60605
FTS, Com: 312-353-6188/5638
24 Hr. Com: 312-353-6188
TWX: 910-221-1251 (WPCLMB)

Boats, trucks, other vehicles

- 1 - 20 foot Jon boat, 25 HP outboard motor
- 1 - 17 foot Boston Whaler, 60 HP outboard motor
- 1 - 14 foot rowboat, 5.5 HP outboard motor
- 2 - Carryalls
- 2 - Station wagons
- 2 - Passenger automobiles

Other equipment

- 1 - Scott Air-Pak Self-contained Breathing Equipment
 - 1 - Survivair Breathing Equipment
 - 1 - Gas mask
 - 1 - Radio-telephone
- Sampling and collecting equipment

21.04 Central District Office, Indiana Response Unit,
Evansville, IN

Federal Office Building, Room 360
101 NW 7th Street
Evansville, Indiana 47708
FTS: 812-423-6264/6265
Com: 812-423-6871
24 Hr. Com: 812-464-2166

Vehicle and other equipment

- 1 - Station wagon
- 1 - Radio-telephone
- 2 - Survivair Breathing Equipment
Sampling and collecting equipment

21.05 Eastern District Office, Cleveland, OH

25089 Center Ridge Road
Westlake, Ohio 44145
FTS: 8-293-7260
Com: 216-835-5200
Com: 216-522-7260
TWX: 810-427-9255 (WPCCLE WLKE)

Boats, trucks, other vehicles

- 1 - 23 foot Inboard-outboard boat, 200 HP engine
- 1 - 17 foot Boston Whaler, 80 HP outboard motor
- 2 - 14 foot Jon boat, 10 HP outboard motor
- 3 - Sedan delivery automobile
- 1 - Sedan automobile
- 1 - Carryall

Equipment

- 2 - Survivair Breathing Equipment
- 2 - Gas masks, Universal
- 2 - Chemox self-generating breathing apparatus
- 2 - Draeger gas detection unit
- 2 - Explosimeter
- 1 - Portable radio-telephone
Sampling and collecting equipment

21.06 Eastern District Office, Michigan Response Unit
Detroit, MI

9311 Groh Road
Grosse Ile, Michigan 48138
From Chicago:
220-676-6500
From other cities:
FTS: 8-226-7269 or
FTS: 8-226-6000 ask for 676-6500
24 hr: 313-676-6500
TWX: 810-231-7184 (WPCGRI)

Boats, trucks, other vehicles

- 1 - 42 foot cruiser with lab and winch, two 250 HP engines
- 2 - 21 foot patrol boat, 80 HP outboard motor
- 2 - Carryall
- 1 - Pickup truck
- 3 - Automobile
- 1 - Sedan delivery automobile

Laboratory equipment for analyses

Hexane extraction unit for determination of oil and grease.

Other equipment

- 2 - Survivair Breathing Equipment
Sampling and collecting equipment

21.07 Western District Office, Minneapolis, MN

7401 Lyndale Avenue South
Minneapolis, Minnesota 55423
FTS: 8-725-3272
FTS: 612-725-4242 ask for 861-4467
Com: 612-861-4467
24 Hr: 612-861-4467
TWX: 910-576-2798 (WPCMPS)

Boats, trucks, other vehicles

- 1 - 18 foot King Fisherman Alumacraft boat, two 40 HP outboard motors
- 2 - 14 foot Alumacraft boat, 10 HP outboard motor
- 1 - 16 foot flat bottom, 10 HP outboard motor
- 2 - Station wagon
- 1 - Carryall
- 1 - Passenger automobile

Laboratory equipment for analyses

- 1 - Freon extractor for oil and grease determination

Other equipment

- 2 - Survivair Breathing Equipment
Sampling and collecting equipment

21.08 National Strike Force, Elizabeth City, NC

Atlantic Strike Team
U.S. Coast Guard
Elizabeth City, NC 27909
FTS, 24 Hr: 8-628-3268
Com, days: 919-338-1100/3941
Com, after hours: 919-338-1100
Telecopier, com, 24 hr: 919-338-1556

Boats, trucks, other vehicles

- 1 - Modular pontoon-type barge, 32' X 120' or various other configurations
- 1 - 21 foot Boston Whaler Outrage, twin 50 HP outboards
- 1 - 17 foot Boston Whaler utility boat
- 1 - 16 foot Utility boat, outboard propelled
- 1 - 13 foot Boston Whaler utility boat
- 10 - 18 foot Assault Boats
- 2 - 16 foot inflatable rubber boats
- 2 - 12 foot inflatable rubber boats
- x - Large assortment of outboard motors from 20 to 85 HP
- 4 - Yokohama Fenders, 9' X 18'
- 4 - OSI Fenders, 54" X 72"
- 1 - 1974 Carryall, four wheel drive, four door, six passenger
- 1 - 1974 pickup truck, 1/2 T, two door, three passenger
- 1 - 1973 Ford van, four passenger
- 1 - Mobile Command Post with communications gear, etc.

Mechanical equipment

- 1 - Welder, portable, trailerized, can be used as 115/250v power supply
- 1 - Compressor, high pressure
- 1 - Compressor, low pressure
- 1 - Compressor, low pressure trailerized
- 3 - Emergency lighting generators, 1.5 KW
- 3 - Emergency lighting generators, 5 KW
- x - Assault matting to make temporary roads, 1000 ft. total in 50 ft. sections
- 1 - ADAPTS I (Air Deliverable Anti-Pollution Transfer System)
- 1 - ADAPTS II
- 1 - Prime Mover Type I, hydraulic pump driven by 40 HP diesel engine
- 1 - Prime Mover Type II, same as Type I above except with connection attachment to submersible pumps
- 1 - Submersible pump, double stage, 1000 gpm cap., 60 ft. static head
- 1 - Submersible pump, stripping

Boats, trucks, other vehicles

- 1 - 17 foot Monark boat
- 1 - Zodiac boat MKII and floor boards
- 1 - 25 HP outboard motor and gasoline tank
- 1 - 40 HP outboard motor
- 1 - Mobile command post
- 1 - GMC Astro 95 tractor and trailer
- 1 - Six passenger suburban auto
- 1 - Two passenger van
- 1 - Six passenger station wagon
- 1 - Wells Fargo cargo trailer
- 1 - Diving trailer
- 1 - Flatbed boom trailer

Mechanical equipment

- 4 - ADAPTS (Air Deliverable Anti-Pollution Transfer System)
- 1 - Open water barrier and air deliverable container
- 1 - Barrier mooring system
- 1 - MSO Boom
- 1 - Barrier retrieval system
- 1 - Oil Mop machine and trailer
- 1 - JBF oil skimmer (DIP 1001)
- 1 - Oil Spill Retrieval System (SLURP)
- 1 - Liquid storage container and barrier mooring buoys
- 1 - MSO skimmers
- 1 - Mobile crane
- 1 - Yardlift 150
- 1 - Gasoline-powered hoist
- 1 - GripHoist

Protective Equipment

- x - Scott Air-Paks
- 1 - M-3 chemical protective suit
- x - Scuba diving gear
- 1 - Air compressor

Communications Equipment

- x - Triton radios
- x - Motorola HT-220 radios
- x - Comco radios
- x - Motorola MX-350 radios
- 1 - Telecopier
- 1 - Camera kit
- 1 - Videocorder

- 1 - Rubber fuel tank, 55 gal.
- 1 - Tripod, "A" frame rigging gear
- 1 - High Seas Containment Barrier
- 1 - High Seas Oil Recovery Systems, Ocean Systems, Inc., ORS-2000, R&D equipment
- 1 - Lockheed Dis-Drum Recovery System, R&D equipment
- 1 - Trailerized skimmer, Ocean Systems, Inc., for small spill response, to be used at apex of booms.
- 1 - Trailerized skimmer, J.B.F. Scientific Corp., to be used at apex of booms
- 2 - Slurp skimmer, for use in calm water only
- 2 - Skimmer heads, floating weir type, designed by Coast Guard, connected to gasoline-driven, double diaphragm 6 in. pumps.
- Commercial booms:
 - 400 ft. 36 in. Keptner Sea Curtain
 - 200 ft. 12 in. Slickbar
 - 360 ft. 36 in. Coastal Boom

Protective Equipment

- x - Scott Air-Paks with communications systems
- 1 - Explosive meter
- x - Flame Safety Lamps
- x - Diving and salvage equipment
- x - Survival suits, protective helmets, safety toe boots, etc.

Communications Equipment

- 3 - Transceiver, AN/PRC 108, AM, USB, 25 watts, portable.
Frequencies: 2182 khz, 2638 khz, 2670 khz, and 5696 khz.
- 18 - Transceiver, COMCO 802, FM, 2.2 watts, hand held. Frequencies: 156.8 mhz, 156.3 mhz, 157.1 mhz, and 157.15 mhz.
- 3 - Transceiver, Porta-Command PC-210, FM, 10 watt, portable.
Frequencies: 156.8 mhz, 156.3 mhz, 157.1 mhz, and 157.15 mhz.
- 3 - Transceiver, Motorola Triton, FM, 25 watt; mounted in OSC command post and vehicles. Frequencies: 156.8 mhz, 156.3 mhz, 157.05 mhz, 157.1 mhz, 157.15 mhz, 157.075 mhz, 162,55 mhz.
- 2 - Telecopier, portable
- 1 - Videocorder, Sony, b/w, portable
- 2 - Camera, aerial survey
- 2 - Camera, Polaroid SX-70
- 2 - Camera, Kodak Instamatic
- 2 - Camera, 35 mm

21.09 National Strike Force, Bay St. Louis, MS

Gulf Strike Team
 U.S. Coast Guard
 National Space Technology Laboratories
 Bay St. Louis, MS 39529
 FTS, 24 hr: 8-494-2380/2381
 Com, 24 hr: 601-688-2380/2381
 Telecopier, com: 601-688-2012

21.10 Industrial Environmental Research Laboratory, Edison, NJ
Environmental Emergency Response Unit (EERU)

Operational control of the EERU and the decisions for establishing spill response priorities are assigned to the Oil and Special Materials Control Division:

Hans J. Crump-

FTS: 8-245-3045 Com: 202-245-3045
 Com: 202-554-2329

Oil and Hazardous Materials Spills Branch
Industrial Environmental Research Laboratory
U.S. Environmental Protection Agency
Edison, NJ 08817

Ira Wilder, Branch Chief

FTS: 8-340-6635 Com: 201-321-6635
 Com: 201-755-3493

J. Stephen Dorrlor, Oil Spills Staff Chief

FTS: 8-340-6629 Com: 201-321-6629
 Com: 201-782-0740

Frank J. Freestone, Hazardous Spills Staff Chief

FTS: 8-340-6632 Com: 201-321-6632
 Com: 201-548-1675

Michael Gruenfeld, Chemical Laboratory Staff Chief

FTS: 8-340-6625 Com: 201-321-6625
 Com: 201-548-5669

Equipment

- 1 - Mobile physical-chemical treatment trailer, activated carbon unit, 200 gpm cap.
- 1 - Mobile Analytical Laboratory
- 1 - Support equipment trailer
- 1 - Spill control pilot plant
- 1 - OHMSETT, Oil and Hazardous Materials Simulated Environmental Test Tank; fixed facility provides an environmentally safe place to conduct testing and development of devices and techniques for the control of oil and hazardous material spills. The unit can sometimes be put into service on short notice to develop control information regarding an ongoing spill.

Annex XXII
22.00 RESPONSE INVENTORY
CONTRACTORS AND SUPPLIERS

22.01 Illinois
Alphabetized by cities

Saber Construction and Operating Company
P.O. Box 70
Albion, IL 62806
618-445-2021
Nadine Wolfe
Control spills of oil and salt water. Major equipment
are trucks and backhoes in the Albion area.

American Underwater Contractors
4714 Bridgeton Station Road
Bridgeton, MO 63044
314-731-2599 (ofc)
314-731-4277 (res)
Bill Dover
Diving work anywhere in the country.

CID Corporation
138th St. & Calumet Expressway
P.O. Box 214
Calumet City, IL 60409
312-646-3099 (ofc)
312-448-5250 (res)
Richard A. Molenhouse
Territory: Northern Indiana, Cook County, Kankakee County
Oil-water mixtures, organic materials, excepting phenols
and cyanides.
Analytical laboratory on site for identification of materials.
Some material hauled to incinerator. Some organic liquids
mixed with garbage in bio-degradation beds where leachate is
recirculated or removed. Beds have clay subsoil; total area
about 280 acres. Large privately owned sanitary landfill.
Stainless steel vacuum trucks, spill pickup.

Hyon Waste Management Services, Inc.
11700 S. Stony Island Ave.
Chicago, IL 60617
312-646-0016
Territory: Chicago vicinity and elsewhere; materials brought
in by truck haulers. Company has analytical laboratory and
incinerator. Dispose of waste by chemical and biological
(sludge bed) treatment and incineration.

Sullivan and Son
302 W. North St.
P.O. Dwr. A
Grayville, IL 62844
618-375-4711 (ofc) or 618-375-8111 (res)

George Sullivan
Territory: Southern Illinois, southwestern Indiana. Control crude oil, diesel oil, and related oil products; cleanup and disposal. Backhoes, trenchers, pickup trucks with crews. Boats with motors, sorbent materials. Equipment stored in Grayville. Various forms of 3M sorbent booms, blankets, etc. Tank truck to pick up spillage. H.P. burners to force burn banks.

Liquid Waste Control Association
P.O. Box 234

Hazel Crest, IL 60429
312-335-0754
Bill Petrich

Territory: Northern Illinois, northwest Indiana. Liquid waste hauling, analysis, recovery, incineration, landfill disposal.

Illinois Chemical Corporation
1548 Old Skokie Road
P.O. Box E

Highland Park, IL 60035
312-433-1145

William Katz, Stanley Katz
Territory: Illinois, Wisconsin, Minnesota, Indiana, Iowa, Michigan, northern Ohio, Missouri. Distributors and stocking dealers in oil spill materials and equipment. Containment boom stored at St. Louis, Detroit, and Bensenville, IL. Shell "Oil Herder" stored at Highland Park, IL

Browning-Ferris Industries Chemical Services, Inc.
P.O. Box A

Lemont, IL 60439
312-257-7707

Territory: Nationwide through 25 operating locations. For Region V, have available in Chicago two boats, 1000 feet of boom, four 5500 gallon vacuum trucks, skimmers, full operating manpower; backup equipment from St. Louis and Detroit. Oil Mop, sorbents. Oil recovery and disposal; handle most types of spills. Reprocessing and recovery at Lemont, IL. Disposal through various approved facilities.

O. H. Materials, Inc.
Ottawa, IL 61350

Call main office at Findlay, OH: 419-423-3526 (24 hrs)
James Kirk

Territory: Area of Great Lakes states. Control spills of oil and hazardous materials. Activated carbon systems. Heavy grading equipment, vacuum trucks, pump trucks, skimmers, boats, crew support trailers, self-contained breathing units, chemical gas suits, portable power and light plants, neutralizing chemicals, laboratory capability. Equipment at Findlay, OH and Ottawa, IL.

Great Lakes Sub-Marine Divers

P.O. Box 56

Westchester, IL 60153

312-242-4747 (ofc), 312-656-1664 (res)

Charles Rolecek, Peter Kosik

Territory: Cook County or area within 75 miles from base in Cicero, IL. Handle fuel oils and some chemicals. Equipment includes two work boats, work barge, oil booms, and absorbents. Experienced crews, two deep sea divers. Two transport vans.

22.02 Indiana
Alphabetized by cities

Thomas Solvent Company
5605 Planeview Drive
Fort Wayne, IN 46825
219-483-7322

Territory: Northern Indiana, western Ohio. Handle organic chemicals and oxygenated solvents. Recover and reclaim chemicals and dispose of the waste residues by incineration. Licensed hauler, drums; 6500 gallon bulk transports. High temperature incineration at site in Muskegon, MI.

General Drainage, Inc.
15th & Cline Ave.
P.O. Box 6218
Gary, In 46406

219-949-4275 (24 hr)

Territory: 100 mile radius of Gary, IN. Handle oil and certain hazardous or toxic materials. Provide service engineering in cleanup and disposal. Equipment includes: 23 vacuum loaders, 1000-4000 gal., equipped with the MD Blower to air convey material through a 4 in. D hose; one Vactor-Hydro Jet with 8 in. pipe and sewer jet; one Industrial Vactor (Super Sucker) with 8 in. pipe and equipped with a bag house for dust; one 6000 gallon trailer; one 12 foot flat bottom boat for oil boom deployment; 1000 feet of 6 in. one and a half knot oil boom with universal connectors; assorted quantities of oil absorbents; one steam generator, 600 lb. pressure; one Lockheed skimmer; assorted pumps ranging from 2 1/2 in. to 4 in. D.; one Water Blaster, high pressure water cleaning equipment. Disposal by Environmental Clearing House Organization System (ECHO).

Midwest Diesel & Truck Service, Inc.
P.O. Box 34337
U.S. Hwy. 136, 1/4 mi. W. of Raceway Rd.
Indianapolis, IN 46234
317-291-3972 (24 hr)

John Fetter

Territory: Central Indiana. Clean up and dispose of oil products. Spill equipment trailer, pump truck and tank, portable pumps, skimmer, Oil Mop machine, absorbent pads, pillows, and booms, wreckers, power plants, and appropriate hand tools. Solid materials taken to Class A dump at Zionsville, IN. Some oil products taken to separator at Rock Island Refinery, Indianapolis, IN.

Mt. Vernon Barge Cleaning, Inc.
P.O. Box 607, Foot of Canal St.
Mt. Vernon, IN 47620

812-838-4889

Arthur W. Bayer

Territory: Any navigable waterway. Control spills of petroleum products. Certified tank barge, 7000 bbl. cap., equipped with skimmers and decantation tanks, one certified tank barge of 4700 bbl. cap. Each barge has pumps, eductors, numerous types of hose, adapters, etc. Boats available are MV Jeffrey-Lynn, 760 HP, MV Thruster "76", 760 HP, and MV Mt. Vernon Switcher, 340 HP. Disposal of oil to refineries in Mt. Vernon, IN and Louisville, KY.

22.03 Michigan
Alphabetized by cities

Seiler Tank Truck Service

P.O. Box 364

1301 E. Michigan Ave.

Albion, MI 49224

517-629-4810

Robert W. Seiler

Territory: Lower peninsula of Michigan. Sludge from factories, salt water, oil, basic sediments. Seven vacuum trucks. Disposal of materials to Albion city landfill. Salt water goes into disposal wells.

Thomas Solvent Company

1180 N. Raymond Road

Battle Creek, MI 49016

616-963-5565

Territory: Southern and southwestern Michigan. Organic chemicals, oxygenated solvents. Recover and reclaim chemicals and solvents. Dispose of the waste by incineration. Licensed hauler of drums; 6500 gal. bulk transports. High temperature incineration at site in Muskegon, MI.

Durocher Dock & Dredge

958 N. Huron St.

Cheboygan, MI 49721

616-627-5633

Marine contractors, Cheboygan area. Four tugs, four barges, two 21-foot aluminum work boats with twin 55 HP outboards, two 17-foot fiberglass runabouts with 85 HP outboards, other heavy equipment.

Doetsch Bros., Inc.

5431 East Davison St.

Detroit, MI 48212

313-892-1810 (ofc)

313-881-0149 (res) Frank Doetsch

313-886-2172 (res) Donald Doetsch

Territory: Michigan and Ohio. Handle oil. Vacuum pickup with tanker trucks. Three Vactor trucks, 2700 gal. cap.; one trailer-mounted Vactor unit, 1500 gal. cap.; three 3 in. Gorman Rupp pumps; six 3/4 and 1T pickup trucks. Deliver for disposal to Edwards Oil Co. and Usher Oil Co. in Detroit and to Chem Met Co. in Romulus, MI.

Marine Pollution Control Corp.

8631 W. Jefferson St.

Detroit, MI 48209

313-849-2333

David Usher, W. Mason

Michigan and other Great Lakes states.

Barges (2) with settling tanks, pumps, skimmer adapters, fire fighting equipment, marine telephone; buoy tender (130 foot vessel) and other boats; vacuum tankers (5); pumping trucks and tank trailers (5); pickup trucks (4) with mobile phones, other service trucks (3), portable lighting plants (2), backhoe, field equipment trailer, tape recorder, transmitter-receivers (10), canister masks, explosion meters, booms, sorbents.

Nelson Chemicals Company
12345 Schaefer Highway
Detroit, MI 48227

313-933-1500 (ofc)
313-971-7332 (res)

Richard Hammerstein, Mgr. Env. Services

Territory: Wisconsin, Michigan, Ohio, Indiana, Kentucky,
and Ontario. Handle general plating wastes and metal
working wastes such as cyanides, chromic acid, and miscellaneous
mineral acids. Pump out lagoons and storage tanks; can not
treat contaminated soil. Fleet of tank trucks, lined and unlined,
up to 7800 gal. cap. Hypochlorination for cyanides. Neutralization
and precipitation of metals from mineral acids solutions, reduction
and neutralization of chromic acid. Treated effluent discharged to
the city of Detroit sewer system.

Pressure Vessel Service, Inc.

6473 Anstell Ave.

Detroit, MI 48213

313-921-1200 (ofc)

313-886-9804 (res) Robert F. Nicholson

Territory: Southeast Michigan. Inorganic acids and alkalies,
primarily acid and plating wastes. Rubber-lined tankers,
portable pumps for acid, several tons of soda ash for neutralizing
acid. Waste acid hauled to Detroit waste treatment plant for use
in phosphate removal or sold to Pennwalt Corp. for making ferric
chloride.

Drury Brothers

11950 E. Newburg Rd.

Durand, MI 48429

517-288-2070/3430

Roger Drury

Territory: Lower Michigan. Control spills of oil and gasoline.
One 5700 gal. vacuum tanker, one 8500 gal. aluminum tanker, one
7000 gal. steel tanker, one 6000 gal. 316 stainless steel tanker,
one 18 ft. boat with 60 HP motor, one 14 ft. boat with 12 HP
motor, 300 ft. boom in van, straw and other absorbent material.
Oil reclamation in Flint and Detroit.

Inland Waters Pollution Control, Inc.

4358 West Jefferson St.

Ecorse, MI 48229

313-383-6310/6312

313-383-6310 (24 hr)

Territory: Southeast Michigan. Handle oil. One 16 cu. yd. tandem
Vac-All, four vacuum trucks, two 7000 gal. steel tankers,
three pickup trucks, one 30 cu. yd. dump trailer, one 10,000 lb.
water blaster, one 42 foot converted tugboat, one 16 foot aluminum
skiff trailer with 25 HP outboard, one Ford loader with trailer,
two way radio communication equipment, air pumps and gas pumps
from 2 in. to 6 in. D., minimum of 200 ft. of Slick-bar boom,
a diversified supply of absorbents, two sets of portable mercury
vapor lights with generators.

Land and Lakes Environmental Company
Division of Approved Industrial Removal Co., Inc.
750 Himes SE

Grand Rapids, MI 49508

616-243-4607 (24 hr)

Gary Brink

Michigan or anywhere in the States. Oil and all type chemical spills. One vacuum tanker, one 5000 gal. tanker, one 12 cu. yd. dump truck, one back hoe, one bulldozer, one 40 ft. salvage tug, one 26 ft. salvage tug on trailer, various sizes and types of skiffs with motors, centrifugal pumps, 1 1/2 in. and 3 in. D., portable air compressor, flood lighting, portable generators, ship to shore radio, mobile phone, 500 ft. Slickbar boom, sorbents.

Hartley & Hartley, Inc.

2370 S. Two Mile Road

Kawkawlin, MI 48631

517-684-3960

State of Michigan.

Control solid or liquid on land or water. Truck tractor with any type trailer, tandem tractor, dump truck, bulldozer, vacuum tank truck (1500-6000 gal. cap.), tractor with single or double tanker, 14 foot aluminum boat with outboard motor, 22 foot inboard/outboard boat, 3 in. and 6 in. centrifugal pumps, fresh air breathing equipment, spill equipment trailer, backhoe, loadlugger, electric and acetylene welder truck, Lodal truck, Michigan 125 - 3 1/2 yard load, large sprayer mounted on tractor trailer, roll-off truck, tandem tractor with 30 yard dump trailer, sand, straw. All equipment stored at company location in Kawkawlin. Disposal methods include sanitary landfilling, incineration and acid-base neutralization at the Kawkawlin plant site.

Moravy Trucking Company

1934 Commercial Drive, P.O. Box 530

Mt. Pleasant, MI 48858

517-772-4200

Gerald J. Moravy

Territory: Michigan

Control spills of petroleum, crude or distillates on land or water. Eight vacuum tank trucks, 1500 to 2750 gal. cap., 900 ft. Slickbar Mark IV boom, 14 foot and 16 foot boats, sorbent materials and sorbent boom, skimmer heads, centrifugal pumps, mobile phones, two-way radios, photographic equipment, portable storage tanks, environmental trailer. All equipment located at Mt. Pleasant. Oil is either used for road dust control or re-refined or incinerated.

Pennington Brothers, Inc.
5320 Grand Haven Road
Muskegon, MI 49441

616-798-2191 (ofc)

Henry Harrington (616-842-4273); Earl Pennington
(616-798-4043); Phillip Pennington (616-798-2669)

Territory: All of western Michigan, 24 hour, 7 day service.
Recover petroleum products, solvents, and thinners. Equip-
ment includes 200 ft. Acme containment boom, one 4800 gal.
tanker, one 7000 gal. tanker, generators, welders, compressors,
20 ft. skiff with outboard motor, two 12 foot aluminum outboard
powered boats, miscellaneous 2 in. to 4 in. pumps, light plants,
waterblast machine, three high pressure hot water cleaning
machines, one 14 yard dump truck, absorbent materials. Disposal
of petroleum products is to the C. Stoddard plant; solvents
to the Thomas Solvents plant; and plating wastes to the Systems
Technology plant.

Thermo Chem, Inc.
4321 E. Evanston Ave., P.O. Box 51
Muskegon, MI 49443
616-777-2619

Ron Byersmith or Joanne Robinson

Territory served: Michigan and parts of Illinois, Indiana,
and Ohio. Waste hauling tankers for flammable solvents and
cutting oils. One stainless steel tanker, 6000 gal. cap.
Reclaim useful solvents. Incinerate dirty solvents and water.

Thomas Solvent Company
4321 E. Evanston
Muskegon, MI 48197
616-777-2619

Territory served: Western Michigan, central and northern
Michigan. Reclamation and disposal of organic chemicals,
oxygenated solvents. Licensed hauler; 6500 gal. bulk trans-
ports. High temperature incineration at Thermo Chem site in
Muskegon.

A-1 Disposal, Inc.
400 Broad Street, P.O. Box 301
Plainwell, MI 49080

616-685-9801 (ofc)

616-685-9803 (evenings and weekends)

Richard Shumaker, Don Forster, Don Shumaker

Territory served: Michigan and Indiana. Control oil and chemical
spills.

Equipment available: two vacuum trucks, backhoe, bulldozer,
tanker of 3000 gal. cap., tanker of 7000 gal. cap., van trailers,
1 1/4 yard crane, front end loader, 500 ft. oil boom. All
equipment at Plainwell. Disposal by landfilling and incineration.

H. Wellwood & Sons, Limited
134 Rankin Road
Sault Ste. Marie, Ontario, Canada P6A4R8
705-253-5352

Territory served: Algoma district
Control spills of waste oil, Bunker oil, fuel oils, and gasoline. All units listed below have both vacuum and pressure pumps and are equipped with 3 in. D. hoses:

- 3 trucks, 2300 gal.
- 1 truck, 3200 gal.
- 1 truck, 1000 gal.
- 2 trailers, 7500 gal.
- 1 trailer, 10,000 gal.
- 1 trailer, 5500 gal.
- 1 trailer, 3500 gal.

Disposal to a government-approved site.

Browning-Ferris Industries Chemical Services, Inc.
5400 Cogswell Road, P.O. Box C
Wayne, MI 48184

313-729-8200 (ofc)
Harold Dugan, Mgr. (313-459-1766 res)
Control spills of most types of liquids in southeastern Michigan. Equipment available: vacuum units, 500 gal. to 4700 gal., tanker units, up to 8800 gal., Oil Mops, generator, lights, boom, etc., all in Wayne. Treatment by incineration or disposal at licensed facilities.

Northern Tank Truck Service, Inc.
P.O. Box G
Waters, MI 49797

517-732-9578 (24 hr., 7 days per week)
Territory: Michigan
Spills controlled: Oil and most other liquids. Vacuum tank trucks, D6C Caterpillar tractor, 16 foot boat, absorbent booms, all located in Waters. Crude oil is taken to Buckeye Station in West Branch, MI for treatment; other liquids taken to Hartley & Hartley in Kawkawlin for disposal.

Chem-Met Services Division
Wyandotte Trucking Co.
18550 Allen Road
Wyandotte, MI 48192

313-282-9250 (24 hr)
W.R. Hartman, V.P.
Bruce Smith, Operations Mgr.
Territory served: 300 mile radius of Detroit. Substances controlled: acids, caustics, oils, sludges. Equipment available includes rubber-lined tanks on trucks, steel tankers. Absorbents, soda ash, etc., all at company address. Chemical neutralization done at company site.

Thomas Solvent Company
6601 McKean Road
Ypsilanti, MI 48197
313-484-1580

Territory: Eastern Michigan, northeast Ohio.
Organic chemicals, oxygenated solvents. Recover and
reclaim chemicals and solvents. Licensed hauler; 6500
gal. bulk transports. High temperature incineration at
Thermo Chem site in Muskegon.

22.04 Minnesota
Alphabetized by cities

Northern Pipeline Construction Co.

Hwy. 2 West, P.O. Box 130

Bemidji, MN 56601

218-751-9750

Wayne Torgerson

Territory served: Entire states of Minnesota, Wisconsin, Iowa, North Dakota, South Dakota, and Nebraska. Control crude and refined products. Services include pipeline repairs, clean up, stopple procedures, land reclamation, and any necessary line relocations. Equipment includes: Office trailer, pickup and dump trucks, single and tandem axle truck-tractors, trenchers, backhoes, draglines, bulldozers with winches, bending machines, auger backfillers, tampers, air compressors, water pumps, 2500 watt power plant, sand blast rig, concrete saw, Holiday detector, small tools and skids, pipe locators, tri-axle float trailers, van, rock drills, boat with motor and trailer, stopple truck. Equipment stored at Bemidji. Materials transported by truck ; no disposal facilities at plant.

Northern Pipeline Construction Co.

3908 Sibley Memorial Highway - Suite G

Eagan, MN 55122

612-452-2811

David Rongstad

Territory served: Metropolitan Minneapolis-St. Paul and surrounding areas. Control crude and refined petroleum products. Pipeline repairs, clean up, stopple service, land reclamation, and any necessary line relocations. Equipment list same as that listed for the Bemidji facility. Materials transported by truck; no disposal facilities at plant.

Crest Associates, Inc.

2905 Pillsbury Ave.

Minneapolis, MN 54408

612-824-8579 (ofc)

G.A. Black (612-869-5645 res)

F.C. Anderegg (612-437-9544 res)

Minneapolis-St. Paul and area within 200 miles.

Experienced supervision and manpower for all phases of oil spills from immediate confinement to full scale cleanup. Work usually done through local contractors where feasible. Ready access to power and work boats, vacuum trucks, tanker transports, pumps. Available in company warehouse: about 1000 ft. of sorbent boom and supply of sorbent pads and blankets. Analytical laboratory service available.

Roto Rooter Sewer Service Co.
2231 Edgewood Ave. S.
Minneapolis, MN 54426
612-544-9551/9369

Robert W. Rasmussen (612-827-1284 res)
Minneapolis and northwest environs. Pick up spilled
oil using any of four 3000 gal. vacuum trucks. Can
pick up hazardous wastes and dispose of these at
government approved sites. Skimming equipment and
hydraulic jets for flushing lines. Oil hauled to North-
west Refinery, Koch Oil Company or Warden Oil Company.

Twin City Testing and Engineering Laboratory, Inc.
662 Cromwell Avenue
St. Paul, MN 55114
612-645-3601

Albert C. Holler, John P. Skubitz
Territory served: Minnesota, Wisconsin, Upper Michigan
Peninsula, North Dakota, South Dakota, Nebraska, and Iowa.
Independent testing laboratory capable of analyzing oil
spill or hazardous material samples. Gas chromatograph,
atomic absorption spectrometers, and related equipment.

Elmer J. Peterson Company
4636 Shoreline Drive
Spring Park, MN 55384
612-471-8151

Allan Peterson
Serve Spring Park and the surrounding Lake Minnetonka
area. Pick up most liquids. Major equipment are two
2000 gal. pumping trucks.

22.05 Ohio
Alphabetized by cities

Pollution Control Services, Inc.
250 N. Cleveland-Massillon Road
Akron, Ohio 44313
216-867-8925

Ken Gossard (216-745-5047 res)

Powell (216-753-2342 res)

Peck (216-825-0244 res)

Katrinchak (216-322-4245 res)

Kelly (216-769-2667 res)

Territory served: Ohio, Michigan, Indiana, Kentucky, West Virginia, Pennsylvania, New York. Control spills of all petroleum-based products. Containment and cleanup on water and land. Equipment includes 3000 gal. vacuum truck, tool and supply trailer, tractor and lowboy trailer, tractor and support tank, 600 ft. Slickbar boom, 1200 ft. absorbent boom, one 14 foot aluminum boat, two 10 foot john boats, one 10 HP outboard motor. All equipment located in Richfield, Ohio.

O. H. Materials, Inc.

P.O. Box 1022

Findlay, OH 45840

419-423-3526 (24 hr)

James Kirk

Territory: United States. Control spills of oil and hazardous materials; transfer capability for both oil and hazardous materials; tank car patching kits. Four activated carbon units. Heavy grading equipment, eight vacuum trucks, six vacuum skid units, three pump trucks, skimmers, boats, crew support trailers, self-contained breathing units, chemical gas suits, portable power and light plants; well-point system for underground removal of oil and hazardous materials, neutralizing chemicals, laboratory capability. Equipment at Findlay, OH and Ottawa, IL. Return oil to spiller or sell product as salvage.

Robert Ross & Sons, Inc.

394 Giles Road

Grafton, OH 44044

216-748-2171/2172/2173

Gary R. Ross, Maureen M. Cromling

Territory: Ohio, Indiana, Illinois, Michigan, and nearby eastern and southern states. Control spills of liquid and solid organic materials excluding pesticides and residues thereof. Major equipment: four tractor trucks, four tank trailers, one tank trailer with vacuum pump unit attached, one backhoe, one bucket loader, one fork lift of 6000 lb. cap., two self-priming centrifugal pumps, four semi dump trailers, ten semi van trailers. Equipment storage at Grafton, OH, 25 miles southwest of Cleveland. Incineration of flammable and non-flammable organic liquids; fixation of organic solids and semi-solids. Incineration at plant location in Grafton; landfilling by Norton Construction, Cleveland. Presently opening own landfill sites at Mt. Eaton, OH and Coshocton, OH.

Columbia Marine Service
5541 Cleves Warsaw Pike
P.O. Box 105
Ludlow, KY 41016

606-431-4450

C. William Kinzeler II

Territory: Ohio River and tributaries surrounding greater Cincinnati. Control spills of oil-based products. Equipment includes 500 ft. Acme boom, two shallow draft boats, and assorted sorbents all located at Ludlow. Approved dumping sites are used.

Ferguson Harbor Service, Inc.

P.O. Box 8153

Nashville, TN 37207

615-227-3395 (24 hr)

615-227-5488 (24 hr)

Owen W. Ferguson

Territory: Lower Region V states and environs. Equipment includes: van trucks, 3/4 ton trucks, automobiles, one 12 foot trailer, one 21 foot boat with 150 HP motor, one 17 foot with 135 HP motor, 14 foot boats with motors, 3500 watt generator, Oil Recovery Systems Skimmer, Acme Skimmer, high pressure water pumps, Acme and Slickbar boom with fittings, assorted sorbent materials.

Ace Oil Service, Inc.

876 Otter Creek Road

Oregon, OH 43616

419-726-1521 (24 hr)

Paul Turner, Dan Cousino, Roland Fondessy

Territory: Ohio, Michigan, Indiana, Wisconsin, Minnesota, New York, Pennsylvania, West Virginia, Kentucky. Contractor for completely inland spill cleanup. On site steam generation and railroad reraiment. Control spills of oils and gasoline and will consider handling a number of hazardous materials.

Major equipment available:

- 5 - 40 bbl. vacuum trucks
- 1 - 80 bbl. vacuum trucks capable of picking up solids
- 1 - 80 bbl. skid vacuum unit with high pressure washer
- 1 - 24 bbl. skid vacuum unit, trailer mounted
- 1 - Oil Mop machine, Mark II, trailer mounted, with 400 ft. mop rope
- 6 - Manta Ray skimming heads
- 4 - Semi-tankers
- 3 - Pollution control semi-trailers
- 2 - Communications semi-trailers
- 1 - Sleeping quarter semi-trailer
- 1 - Electrical, pneumatic, and water supply semi-trailer
- 10 - 14 foot john boats
- 1 - 17 foot Boston Whaler with full communications
- 1 - 26 foot wide beam work boat with full communications
- 7 - Emergency tower light plants
- 1 - Sorbent supply semi-trailer

2500 ft. of oil spill containment boom
A variety of backhoes, cranes, graders, endloaders,
bulldozers.

Scot Air Pacs with charging system

Chemical suits

Explosion meters

Non-sparking tool kits

Neutralizing agents

Maintain list of currently approved disposal sites. In
Toledo area, oil wastes are stored for reprocessing at own
facility.

Commercial Oil Service, Inc.

3600 Cedar Point Road

P.O. Box 7609

Oregon, OH 43616

419-836-3694, 419-729-3763

Daniel M. Soncrant (419-836-9711 res)

Kenneth R. Mikolas (419-698-2662 res)

Territory: 100 mile radius of Toledo, OH.

Control spills of oil products.

Major equipment:

2 - Vacuum skimming trucks

4 - Tank trucks

3 - Tractor-trailers

1 - Backhoe-endloaders

1 - Dump truck

150 ft. Slickbar boom

100 ft. sorbent boom (10 ft. lengths)

1 - Manta Ray oil skimmer

1 - 12 foot boat

1 - Lighting plant

Portable pumps

All equipment kept at plant location. Recovered oils
resulting from spills are disposed of in settling ponds
at company yard location.

22.06 Wisconsin
Alphabetized by cities

Middle Coast Marine Services, Inc.
2265 Lake Shore Road
Grafton, WI 53024
414-284-3574
Don Gilmore
Distributors of Optimax, Simplex, and Supermax oil contain-
ment booms manufactured by American Marine, Inc., Cocoa, FL.

AAA Environmental Industries
5544 W. Forest Home Ave.
Milwaukee, WI 53220
414-541-1760/1440
Eldred G. Swanson (414-421-1179 res)
In Appleton, WI, call 414-733-7347
Territory: Wisconsin, Illinois, Iowa, and Minnesota. Handle
spills of any liquids not requiring special personnel safety gar-
ments. Equipment includes: two 5000 gal. high vacuum semi-tank/
trailers, three 3000 gal. vacuum trucks, one 2500 gal. vacuum
tank truck with 700 ft. of 1000 psi water jetter hose, oil
skimmer head, five 5500 gal. semi-tractor-tank trailers, one 8T
boom truck, power generators for lighting and auxiliary equipment,
portable water pumps, toxic gas and oxygen deficiency detector,
portable respirator unit, emergency oxygen and resuscitation kit,
various quantities of sorbent booms, mats, chips, and boom
anchors. Disposal to United Waste Landfill, Germantown, WI.

Frantz Company, Inc.
12314 W. Silver Spring Dr.
Milwaukee, WI 53225
414-462-8700
Kenneth Frantz (414-783-7284 res); Emmet Wendorf (414-251-9395 res);
John Dwyer (414-538-1206 res)
Territory: Wisconsin, Northern Illinois, Michigan Upper Peninsula.
Company warehouses 3M Oil Sorbent rolls, sweeps, sheets, pillows, and
booms; Sea Curtain boom (Kepner Plastics); natural sawdust.

WESO Corporation
2900 W. Vera Avenue
P.O. Box 8275
Milwaukee, WI 53209
414-352-9532 (ofc)
Les Gumm (414-442-1860 res); Bob Gumm (414-442-5586 res);
Ray Schroeder (414-246-3309 res)
Territory: Wisconsin, Upper Michigan Peninsula, Iowa, and Minne-
sota. Company warehouses Sorb-Oil, absorbent for oils on water.
Sorbent available in various forms from storage at above address.

Haessly & Haessly, Inc.

Wilhorn Road, Rt. 3

P.O. Box 36

Nekoosa, WI 54457

715-886-3011

Arnold E. Haessly (715-886-3202 24 hr)

Within 25 miles of Nekoosa.

Earth moving equipment, dozers, end loaders, cranes, drag lines,
backhoe, trucks. Disposal of materials at DNR approved fill site.

J.R. Jensen and Son, Inc.

814 - 21st Ave. E.

P.O. Box 117

Superior, WI 54880

715-398-6626 (ofc)

Keith Jensen, Pres.

Peter Doherty (715-392-1595 res)

Northern Wisconsin and northern Minnesota. Control spills
of oil and all related substances. Major equipment includes
bulldozers, backhoes, trucks, pumps, railroad ties, sawdust,
and straw stored in Superior. Build earth traps and dikes to
contain spilled oil. Oil is skimmed off and delivered to
Murphy Oil Refinery for processing. Oil contaminated sawdust
and straw is deposited at Superior landfill with DNR approval.



DOW CHEMICAL U.S.A.

IMBIBER PRODUCTS
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MICHIGAN DIVISION
MIDLAND, MICHIGAN 48640

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The technical representatives for Imbiber Products are listed below with their business phones and also for emergencies their home phones. If you identify your problem as an emergency -- we will get back to you as soon as possible.

Richard H. (Dick) Hall
2020 Dow Center
Dow Chemical U.S.A.
Midland, Michigan 48640

Business: 517-636-5075
Home: 517-631-4832

Daniel H. (Dan) Haigh
1712 Building
Dow Chemical U.S.A.
Midland, Michigan 48640

Business: 517-636-6777
Home: 517-465-6542

Rex G. Martin
1712 Building
Dow Chemical U.S.A.
Midland, Michigan 48640

Business: 517-636-0395
Home: 517-689-3591

David J. (Dave) Wampfler
1712 Building
Dow Chemical U.S.A.
Midland, Michigan 48640

Business: 517-636-1919
Home: 517-631-4614

If you wish additional copies of this list, please let us know.

R. H. Hall
Manager, Imbiber Systems
Functional Products & Systems
2020 Dow Center
Dow Chemical U.S.A.
Midland, Michigan 48640

7/28/78

AN OPERATING UNIT OF THE DOW CHEMICAL COMPANY



THE DOW CHEMICAL COMPANY

MIDLAND, MICHIGAN 48640



AREA HEADQUARTERS OF THE DOW CHEMICAL COMPANY

DOW CHEMICAL U.S.A. MIDLAND, Michigan 48640
DOW CHEMICAL LATIN AMERICA CORAL GABLES, Florida 33134
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DOW CHEMICAL PACIFIC P.O. Box 711, HONG KONG, B.C.C.
DOW CHEMICAL OF CANADA, LIMITED SARNIA, Ontario N7T 7K7

SALES OFFICES OF DOW CHEMICAL U.S.A.

ATLANTA	..... Suite 2005, 20 Perimeter Center East, Atlanta, GA	30346 • 394-4141
BATON ROUGE	..... 4150 S. Sherwood Forest Blvd., Suite 101, Baton Rouge, LA	70816 • 293-2222
BOSTON	..... 20 William St., Wellesley, MA	02181 • 237-2070
BUFFALO	..... Suite 343, 5500 Main St., Williamsville, NY	14221 • 631-5540
CHARLOTTE	..... 2 Woodlawn Green, Woodlawn Road, Charlotte, NC	28210 • 525-9030
CHICAGO	..... 1400 East Touhy Ave., Des Plaines, IL	60018 • 391-4700
CINCINNATI	..... Whitehall Park, 8050 Hosbrook Road, Cincinnati, OH	45236 • 793-6200
CLEVELAND	..... 14955 Sprague Road, P.O. Box 8800, Strongsville, OH	44136 • 826-6000
DALLAS	..... 12700 Park Central Place, Suite 600, Dallas, TX	75251 • 387-2211
DETROIT	..... Travelers Tower, Suite 415, 26555 Evergreen Road, Southfield, MI	48076 • 358-1300
GRAND RAPIDS	..... 611 Cascade West Parkway S.E., Grand Rapids, MI	49506 • 949-9000
HOUSTON	..... P. O. Box 3387, Attn: Sales Office, Houston, TX	77001 • 626-3170
INDIANAPOLIS	..... P.O. Box 68511, 9550 N. Zionsville Road, Indianapolis, IN	46268 • 873-7000
KANSAS CITY	..... Suite 160, 10890 Benson Drive, Shawnee Mission, KS	66210 • 341-2500
LOS ANGELES	..... P. O. Bin 48, Pasadena, CA	91109 • 577-1515
MEMPHIS	..... Suite 2210, 5100 Poplar Ave., Memphis, TN	38137 • 767-5000
MINNEAPOLIS	..... 4901 West 77th St., Minneapolis, MN	55435 • 835-4200
NEW YORK	..... Park 80 Plaza East, Saddle Brook, NJ	07662 • 845-5000
PHILADELPHIA	..... P. O. Box 350, Moorestown, NJ	08057 • 234-0400
PITTSBURGH	..... Four Gateway Center, Suite 1313, Pittsburgh, PA	15222 • 281-3030
RICHMOND	..... 1603 Santa Rosa Road, Richmond, VA	23288 • 288-1601
ST. LOUIS	..... 800 Pierre Laclède Center, 7733 Forsyth Blvd., St. Louis, MO	63105 • 726-5000
SAN FRANCISCO	..... 2800 Mitchell Drive, Walnut Creek, CA	94596 • 944-2000
SEATTLE	..... 777—106th Ave., N. E., Bellevue, WA	98004 • 455-7250
STAMFORD Washington Plaza, 1351 Washington Blvd., Stamford, CT	06902 • 359-3300

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Mich-Ohio District Office



INTRODUCTION

The Disaster Relief Act of 1970 Public Law 91-606 provides for broadened major disaster relief programs and greater coordination and responsiveness of Federal major disaster relief programs. Coordination and direction of Federal Agency assistance during a major disaster is provided by the Federal Disaster Assistance Administration of the Department of Housing and Urban Development at the direction of the President. Executive Order 11575, which provides for the administration of the Disaster Relief Act of 1970, requires federal agencies to develop and maintain suitable plans and preparations in anticipation of their responsibilities in the event of a major disaster.

EPA participation in this plan is mandatory and is not a voluntary service or accommodation. The authority for this plan and utilization of EPA manpower from all programs is based upon PL 91-606 and EPA Order No. 2060.1, dated 2 June 1972. The designated EPA Coordinator is given the authority to delegate any or all responsibilities in said order by the Administrator. This plan and its inherent responsibilities will remain in effect under HUD authority.

DISASTER ASSISTANCE ALERT PLAN

Page seven of this report shows the Table of Organization for the Disaster Assistance Contingency Plan of the U.S. Environmental Protection Agency, Region Five. This is a flow diagram of mobilization in case of a declared "Major Natural Disaster". The Administrator of FDAA will notify the Regional Administrator or Deputy Regional Administrator of EPA Region Five. The alert is then channeled through the Director of the Surveillance and Analysis Division to the Chief of the Environmental Emergency Section. Provisions are made for alternate communications if necessary or more expedient.

The dark lines on the left are the primary source of manpower to be mustered by the EPA Region Five. The lighter lines to the right represent secondary sources of manpower and are to be activated after the left side of the chart is exhausted.

RESOURCES OF MANPOWER

During a "Disaster Assistance" operation the resources required of the EPA by FDAA will vary according to the type of disaster and the resultant condition. The following discussion gives the type of service that will be performed by the EPA and the capabilities of the personnel furnished.

The primary cadre for disaster assistance will be formed from the following described sources.

Environmental Emergency Section: In the event of such natural disasters as floods, hurricanes, tornadoes, etc., resulting in oil and hazardous material spills, the personnel of this section and District Office OHM Coordinators will be utilized for clean-up operations, public warnings, and other functions associated with such incidents. The first demand will be upon the EES Spill Response Engineer and subsequent demands will be filled by District Office OHM Coordinators.

District Offices: In the event of a natural disaster resulting in damages to municipal or other governmental owned utilities, each District Office will be called upon to furnish up to two qualified persons for estimates of damages to sewer systems and sewerage disposal plants. These estimates will be the basis of federal funding for repairs and/or replacement costs, as the case may be. The District Office Directors will be called upon to furnish their OHM Coordinators for FDAA support as needed.

If the District Office has personnel capable of estimating repairs and/or replacement costs for water treatment plants, they will be required to furnish a man for this detail. The District Offices will also be called upon to sample and analyze samples from water supply sources for bacteriological contamination. Sample analysis support will be provided to the districts by the Central Regional Laboratory, as necessary.

Program Support: Program Support will be required to provide up to two persons for estimates of repairs and/or replacement costs of water treatment facilities and technical advice on water supply problems.

The secondary cadre will be drawn from the following sources that are shown on the right-hand side of the chart.

Construction Grants: The Construction Grants Program will provide up to three experienced engineers capable of preparing accurate estimates of repair and/or replacement costs for sewerage systems and sewerage treatment plants. The personnel from Construction Grants will be activated after commitment of District Office resources.

Program Support: Incremental needs are of the same type as discussed previously for the primary cadre and will be based upon additional demands created by the disaster.

Hazardous Materials: Personnel will be activated for clean-up supervision and technical advice on spills of pesticides, herbicides and radioactive materials. A minimum roster of three qualified persons is necessary.

Management Division: A contract specialist shall be available for activation. The duties will be to obtain bids and award contracts for clean-up of spills and to maintain the proper accounting, coding, etc. for reimbursement by FDAA.

Enforcement Branch: At least one attorney shall be designated and available for duty during the emergency period. The attorney's function will be to provide necessary legal advice to the on-going emergency operation. This may include, among other things, obtaining necessary easements for clean-up operations, opinions on contracts, and advice to EPA personnel on any legal conflicts that may arise.

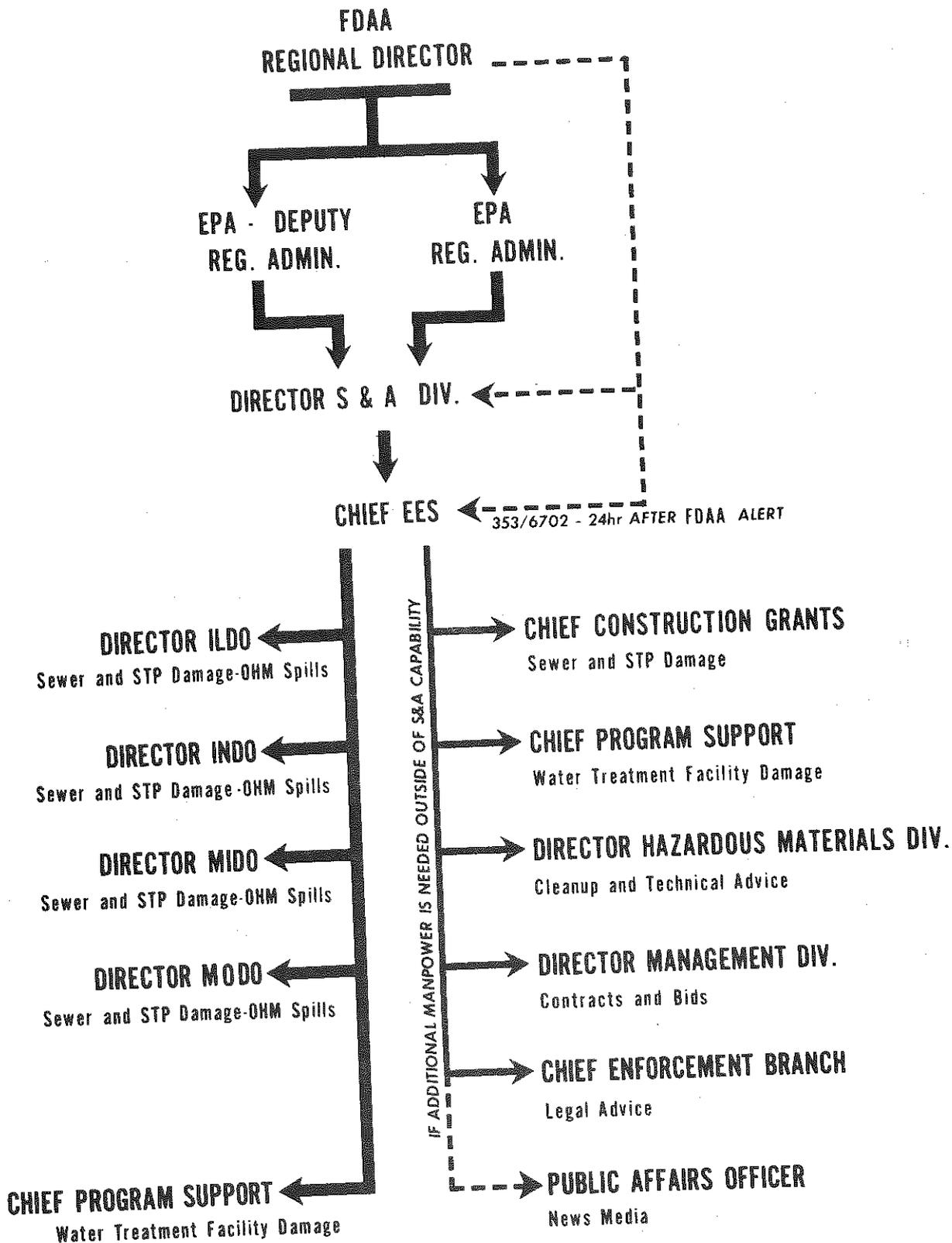
Public Affairs: A representative of the Public Affairs Office will be activated, if necessary. Duties will consist of all media releases concerning EPA activities, but will be through the staff of the Federal Coordinating Officer of FDAA.

ACTIVATION PROCEDURE AND ROSTER

After the alert from FDAA reaches the Chief of EES, he will alert the director or chief of each program element or section that is needed for response. Personnel will thereby be placed on the alert or stand-by basis. Upon activation, specific duties and geographic area assignments will be issued by the Chief of EES.

A telephone roster will be maintained listing the head of each element shown on the Table of Organization for Disaster Assistance. These persons will receive the official call of need for their assigned personnel upon receipt of the alert. At their discretion, the activation notice will go either to them or to their designated personnel direct. A telephone call list will be maintained of the persons represented on the Disaster Assistance chart and of the persons they assign for activation.

**TABLE OF ORGANIZATION
DISASTER ASSISTANCE
REGION FIVE**



DISASTER ASSISTANCE ORGANIZATION

REGION FIVE

CALLING LIST

	<u>Office</u>	<u>Off Duty</u>
<u>Federal Disaster Assistance Administration (HUD)</u>		
Regional Director Robert E. Connor	312-353-1500	312-234-5119
Asst. Regional Director Leo C. McNamee	353-1500	312-852-8898
Disaster Program Officer Gary K. Pierson	353-1500	312-354-6629
<u>Environmental Protection Agency</u>		
Regional Administrator Francis T. Mayo	312-353-5250	312-355-8268
Deputy Regional Administrator Valdas V. Adamkus	353-5251	312-737-0638
Director, Surveillance and Analysis Division Dr. Robert W. Zeller	353-4459	312-355-0287
Chief, Environmental Emergency Section Russell E. Diefenbach	353-6702	312-896-9835

	<u>Office</u>	<u>Off Duty</u>
Illinois District Office		
Lee E. Townsend, Director	312-353-6188	312-986-0117
Roscoe W. Libby	6188	312-323-3615
Stanley G. Viktora	6188	815-838-3977
Ralph Coons	6188	815-436-6166
Indiana District Office		
David Stoltenberg, Actg. Director	812-464-2166	812-477-3239
Orville Macomber	2166	476-6797
Bruce King	2166	867-3383
John Leslie	2166	867-2328
Michigan-Ohio District Office		
Richard Winklhofer, Director	216-333-7556	216-835-0955
<u>Michigan</u>		
Willie Harris	313-676-6500	313-537-0925
Robert Bowlus	6500	381-0350
Marvin Palmer	6500	971-0373
<u>Ohio</u>		
Wayne Wilcox	216-333-7556	216-734-2347
Alfred Smith	7556	991-5136
Minnesota-Wisconsin District Office		
Clarence Oster, Actg. Director	612-861-4467	612-884-2565
Gale Giltner	4467	454-7751
Keith Beseke	4467	781-3912
Michael Mutnan	4467	861-1901
Program Support Branch		
Joseph Harrison, Chief, WSS	312-353-7736	312-729-2429
Ronald Van Wyk	7736	956-7286
Eugene F. Magdecki	7736	848-7636
Construction Grants Branch		
Todd A. Cayer, Chief	312-353-1051	312-375-9787
Sylvester Bernotas	1052	798-1283
Thomas Griffin	1052	448-6789
Michael Zickler	1052	433-0145
Hazardous Materials Division		
James M. Conlon, Chief	312-353-5248	312-392-0979
Litsey L. Zellner	5248	837-8956
George J. Marsh	7270	956-1089
Mitchell J. Wrich	6861	885-2403
Management Division		
Ivars P. Antens	312-353-5758	312-354-0218
Bert D. Kidd	5789	485-4271

Enforcement Branch
Walter Romanek
Joseph Gerstein

312-353-1470
1470

312-465-3416
338-0840

Public Affairs Office
Frank M. Corrado
William Omohundro
Mary J. Canavan

312-353-5800
5800
5800

312-864-2236
527-0665
776-7404

U.S. Environmental Protection Agency
Washington, D.C. 20460
Emergency Communication Room
Wayne Sherwin, Management Analyst
Duty hours: 202-755-0866/0115
Off duty: 202-737-2121
TWX: 710-822-1938
Facsimile: 202-755-0116



EDO

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V, OHIO INLAND SUB REGION OIL AND HAZARDOUS
SUBSTANCES POLLUTION CONTINGENCY PLAN

NOVEMBER 1973

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ABBREVIATIONS

In addition to the following, this plan incorporates all those abbreviations contained in Section 1510.14 of the National Contingency Plan, Appendix (III):

- COTP - Captain of the Port
- EPA5 - U. S. Environmental Protection Agency, Region V
- EES - Environmental Emergency Section, EPA5, Surveillance and Analysis Division
- ILDO - Illinois District Office
- INDO - Indiana District Office
- IRAP - Interagency Radiological Assistance Plan
- MWDO - Minnesota-Wisconsin District Office
- NCP - The National Oil and Hazardous Substances Pollution Contingency Plan
- ORC - Ohio Revised Code
- OHDO - Ohio District Office
- OHM - Oil & Hazardous Materials
- Ohio EPA - Ohio Environmental Protection Agency
- SRT - Subregional Contingency Plan
- SRC - Subregional Response Center
- SRT - Subregional Response Team

INTRODUCTION

This Ohio Sub-Regional Contingency Plan (SCP) has been prepared within the framework of the National Contingency Plan, (NCP), (F.R.; Vol. 38, No. 155, Monday, August 13, 1973) and the United States Environmental Protection Agency, Region V (EPA5) Contingency Plan. In administering this plan OHDO will provide liaison with the State of Ohio for EPA5 in seeking to prevent, control and contain discharges of oil and other hazardous substances which originate within Ohio from being released into the environment.

More specifically, this plan details the manner in which OHDO will provide the On-Scene Coordinator (OSC) to respond to and secure the cleanup of discharges of oil or hazardous substances occurring within Ohio. In so doing it provides a mechanism for implementing the Region V responsibility to provide the OSC for spills involving inland waters (Section 1510.36(b)(1) of the National Contingency Plan). Additionally, under this plan OHDO will initially provide the OSC for significant air episodes occurring within Ohio that (1) generate critical public concern; or (2) pose a substantial threat to public health and welfare.

This plan further considers the On-Scene Coordination, Sub-Regional response teams and centers, Response phases, the general pattern of response actions and notification procedures that are inherently necessary parts of an emergency response plan. In so doing, it coordinates the response of EPA5 with that of other Federal and State agencies having a vested interest in spill response.

Definitions within the meaning of this plan are identical to those in the National Contingency Plan, Appendix (III).

Of particular importance to OHDO's response to discharges of oil and hazardous substances are the following definitions contained in Section 1510.5 of the National Contingency Plan:

- "(c) On-Scene Coordinator (OSC) - means the Federal official pre-designated by the EPA to coordinate and direct Federal discharge removal efforts under the Regional Contingency Plan at the scene of an oil and hazardous substances discharge.
- (f) Inland waters - generally are those waters upstream from coastal waters.
- (e) Minor discharge - is a discharge in inland waters of less than 1,000 gallons of oil; . . .
- (m) Medium discharge - is a discharge of 1,000 to 10,000 gallons of oil in inland waters; . . .
- (n) Major discharge - is a discharge of more than 10,000 gallons of oil to inland waters . . . or a discharge of hazardous substance that:
 - (1) Generates critical public concern; or
 - (2) Poses a substantial threat to public health and welfare."

ON-SCENE COORDINATION

The command responsibilities for the coordination and direction of the pollution control activities at the scene of a spill will be directed by an On-Scene Coordinator, (OSC). It will be his responsibility to implement as quickly and efficiently as possible such measures as are appropriate to insure safety, protect health, welfare and property, and facilitate cleanup of a spill within the guidelines of the National Contingency Plan, the Regional Contingency Plan, and this Sub-Regional Contingency Plan. The Ohio District Office will provide the On-Scene Coordinator for those spills, or potential spills originating within Ohio, for which EPA5 has the primary OSC responsibility pursuant to Section 1510.36(b)(1) of the National Contingency Plan, unless the nature and source of the spill warrants otherwise. In the event of a spill the first official on the site from an agency having responsibility under the National Contingency Plan shall assume coordination of activities under this plan until the arrival of the predesignated OSC. Where the U. S. Coast Guard, or another agency having responsibilities under this plan, has a facility in the vicinity of a spill capable of providing a more expedient response, by mutual assent, the predesignated OSC can request that this agency provide the OSC. Also, where resources are limited, the predesignated OSC can ask another Federal agency having responsibilities under the Plan to act in his stead.

o. As OSC, OHDO shall determine pertinent facts about a particular discharge such as:

- Potential impact on human health and welfare,
- Nature,
- Amount,
- Location,
- Probable direction and time of travel,
- Resources and installations which may be affected, and,
- Priorities for their protection.

o. As OSC, OHDO shall initiate and direct as required Phase II, Phase III and Phase IV operations in accordance with requirements of the National Contingency Plan, Appendix (III).

o. As OSC, OHDO shall call upon and direct the deployment of needed resources in accordance with the regional plan to evaluate the magnitude of the discharge and to initiate and continue removal operations.

o. As OSC, OHDO shall provide necessary support activities and documentation for Phase V activities.

o. In carrying out this plan OHDO will fully inform and coordinate closely with EPA5-EES. EES will coordinate with RRT, through its member thereon, to insure maximum effectiveness of the Federal effort in protecting the natural resources and the environment from pollution damage.

AREAS OF RESPONSIBILITY

EPA

The U. S. Environmental Protection Agency (EPA) provides expertise regarding environmental effects of pollutorial discharges and environmental pollution control techniques, including assessment of damages. EPA, Region V, through OHDO will provide the OSC for all spills that originate within Ohio and impact on inland waters except as has otherwise been agreed. In carrying out this function, OHDO will coordinate closely with the nearest USCG-COTP, the Ohio EPA, and other agencies having jurisdiction for implementation of proposed actions regarding pollution control and protection of the environment.

U. S. Coast Guard, 9th District

The 9th District Coast Guard has three COTP facilities with jurisdictional responsibilities within Ohio. These facilities are located at Toledo, Ohio; Cleveland, Ohio; and Buffalo, New York. The COTP areas of jurisdiction are set forth in Appendix (VIII): Generally, the 9th District, U. S. Coast Guard, acting through its respective COTP's will provide On-Scene Commanders for the open waters of Lake Erie, major bays, ports and harbors and the tributary rivers to the limits of their navigability by large bulk carriers.

U. S. Coast Guard, 2nd District

The 2nd District U. S. Coast Guard also has three COTP facilities with jurisdictional responsibilities in Ohio. These are located along the main stem of the Ohio River. The farthest upstream of these is at Pittsburgh, Pennsylvania; proceeding downstream there is a second COTP at Huntington, West Virginia, and a third at Cincinnati, Ohio. The respective COTP areas of responsibility are set forth in Appendix (VIII). Generally, the 2nd District

U. S. Coast Guard, acting through its respective COTP's will provide On-Scene Commanders for all Ohio River ports and the main stem of the Ohio River as agreed with the several EPA Regions which have primary jurisdiction under the National Contingency Plan.

Ohio Environmental Protection Agency (Ohio EPA)

Section 3745.01, ORC, states that the Ohio EPA shall. . . . "administer the laws and regulations pertaining to the prevention, control, and abatement of air and water pollution" By this authority, the Ohio EPA is responsible for preventing, controlling and abating spills of oil or other hazardous substances that occur within Ohio. The Ohio EPA will provide Ohio's liaison with the RRT. Presently, the Chief of the Emergency Response Section (ERS), within the Division of Surveillance, has been designated to serve in this capacity. It is also understood that the Ohio EPA will be the single State governmental Agency that will seek reimbursement for removal operation expenditures in accordance with Section 311(c)(2)(H) of the Act. Details on reimbursement of Ohio EPA for removal actions taken pursuant to this plan are contained in Title 33, Part 153, CFR, and Annex IX Funding of the National Contingency Plan. The Ohio EPA District Offices and their respective areas of responsibility are set forth in Appendix (VIII).

Ohio Department of Natural Resources

The Ohio Department of Natural Resources has certain responsibilities, under Ohio law, for protecting environmental interests. Section 1531.02 ORC establishes the Division of Wildlife, within the Department of Natural Resources, as the trustee of the State's wildlife and habitat. Destruction of the subject matter of the trust by a discharge of hazardous substance gives rise to a cause of action whereby the State can recover damages from the discharger. This would be in addition to any statutory penalty.

The Division of Wildlife also administers Ohio's "Stream Litter Act", 1931.29 ORC. This statute prohibits the pollution of ditches, streams, rivers, lakes or other watercourses by materials of an "unsightly or unsanitary nature". This law does not apply to any substance discharged under authority of a permit issued by the State of Ohio. Map of Ohio delineating respective Wildlife Districts is set forth in Appendix (VIII).

Ohio River Valley Water Sanitation Commission (ORSANCO)

The Ohio River Valley Water Sanitation Commission (ORSANCO) is an organization composed of agency representatives from States bordering on the Ohio River. It, therefore, should be notified of spills affecting the main stem of the Ohio River. ORSANCO maintains an extensive water quality monitoring system which could provide invaluable assistance in tracking a spill downstream. In addition, their knowledge of the hydrodynamics of the river would be extremely helpful in developing a strategy for combating a spill. A map of the Ohio Basin is reproduced in Appendix (VIII).

Spill Cooperatives

Groups of industries in certain highly industrialized areas within Ohio formed associations, and in some cases, non-profit corporations whose primary purpose is the prevention and cleanup of oil spills. In most instances these groups have purchased spill containment and cleanup equipment and supplies which they will make available for OSC use. A listing of these industries and their general areas of concern are set forth in Appendix (II).

SUB-REGIONAL RESPONSE CENTERS

Sub-Regional Response Centers are provided for within this plan. They will be located at the respective COTP offices, in the 2nd and 9th Coast Guard Districts, that have jurisdictional responsibilities within Ohio. They will serve as the focal point for coordinating spills within their vicinity. If spill response requires activation of the RRT, these offices could serve as a center wherefrom the RRT could operate. The respective COTP's and their office locations are indicated in Appendix (II).

For minor and medium spills occurring within Ohio, the center of response will normally be the vehicle out of which the District Oil & Hazardous Materials Coordinator operates. This vehicle is equipped with safety gear, maps, technical publications and a mobile telephone for communications. The number for the mobile telephone unit assigned to OHDO is JL-23666 .

SUB-REGIONAL RESPONSE TEAM

This plan does not require the establishment of a Sub-Regional Response Team (SRT); however, it recognizes the need for close coordination between the several Federal, State and local agencies having an interest in spills occurring within Ohio. Toward this end, the OSC will normally act in conjunction with representatives of the Ohio EPA, the Ohio Department of Natural Resources, the respective U. S. Coast Guard COTP and affected local interests in responding to spills. To the extent practical and expedient, the OSC will solicit the concurrence of these parties to any significant proposed affirmative action. Otherwise, response will be as prescribed in the National and Regional Contingency Plans.

GENERAL PATTERN OF RESPONSE ACTIONS

When an OHDO staff member receives a report of a spill, or potential spill, he shall immediately initiate a spill control sheet Appendix (1) filling in the blanks as completely as possible. This is necessary so that the hazard can be evaluated.

Normally, the call will be channelled to the OHM Coordinator. Where the OHM Coordinator is unavailable, the District Office Director, or whosoever is acting in his stead shall see to it that the initial spill report is followed up. The procedure for spill follow-up is set forth below.

o. It should first be determined if the spill falls into a minor, medium, or major classification.

- For minor spills, see stepwise response below;
- For medium and major spills, EPA5-OHDO will immediately inform the appropriate U.S.C.G. component of the incident by telephone; a TWX (see format, Appendix 1) will be sent to EPA5-EES. If TWX hardware is not available, EPA5-EES will be informed by telephone. EPA5-EES will activate RRT for all major spills, as required.

o. To the extent of its capabilities EPA-OHDO will investigate all spill reports. For significant spills that exceed EPA5-OHDO capability, assistance will be requested:

- First from EPA5-EES,
- Second, from U.S.C.G., District 2nd or 9th.

o. In most instances, telephone lines will provide the fastest means of communication. Normally, calls will be made in the following sequence:

- a. Alleged Spiller
- b. EPA5-EES
- c. U.S.C.G.
- d. Ohio EPA

It has been our experience that the best source of information is the spiller, where the source of the spill is known. Initial contact of the spiller will: facilitate spill evaluation, provide opportunity to inform spiller of his responsibility under the law, and provide a contact point for the on-site investigator with personnel at facility allegedly responsible for spill.

Procedures for notification and telephone numbers of interested parties to spills in Ohio are included in Appendix (II). Stepwise spill response is indicated below:

1. Dispatch an investigator to the scene to determine pertinent facts e.g., source of spill, type and quantity of material spilled, threat to human health and welfare, etc.

2. If the investigator finds that the initial report was false, or that the incident was overstated and there is no environmental pollution involved, close the case.

3. If the investigation reveals a minor spill, with the spiller taking effective cleanup action in accordance with Section 311(c)(1) of the Act, OHDO will stand by to observe and monitor cleanup progress.

4. If the investigation reveals a minor spill with improper action being taken, the following measures shall be taken in accordance with Section 1510.53(b)(3) NCP:

- Attempt should be made to prevent further discharges from the source.
- The spiller shall be advised of proper action to be taken.
- If the spiller fails to follow this advice, he shall be warned of his liability for the cost of removal pursuant to Section 311(f) of the Act.

- Appropriate State and local officials should be notified to determine if they desire to take action to effect removal. EPA5-EES will be kept advised. The OSC will initiate containment, counter-measures, cleanup, mitigation and disposal as the situation warrants.
- Information will be collected for possible recovery of costs when removal is effected in accordance with Section 311(a)(1) of the Act.

TO EES
5. If the investigation reveals that a medium spill has occurred, the OSC shall follow the same general procedures indicated above for a minor spill. In addition, the OSC shall make a recommendation concerning activation of the RRT.

6. If the investigation reveals that a major spill has occurred, the OSC shall follow the same procedures indicated above for minor and medium spills. However, the EPA5-EES member on the RRT shall be immediately notified so that RRT may act appropriately. Mandatory

7. In all cases information should be gathered throughout a response for possible enforcement action. Samples of the pollutant should be obtained, photos and witness statements should be taken, and reports prepared as required. Enforcement procedures are set forth in the EPA5 OHM Coordinator's Handbook.

TO SUMMARIZE REPORTING REQUIREMENTS FOR SPILLS:

- MINOR SPILLS SHOULD BE COMPILED AND SUBMITTED TO EPA5-EES AS 16-POINT SUMMARIES (SAMPLE FORM INCLUDED IN APPENDIX 1) ON A WEEKLY BASIS:
- REPORTS OF MEDIUM AND MAJOR SPILLS SHOULD BE IMMEDIATELY RELAYED TO EPA5-EES VIA TELETYPE. THESE SHOULD BE UPDATED BY TELETYPE EVERY 2-3 DAYS UNTIL SPILL IS CLOSED OUT.

NOTIFICATION

Discharges into Navigable Waters

Public Law 92-500 (the Act) requires immediate notification to the appropriate agency of the United States Government of discharges of oil or hazardous substances into or upon the navigable waters of the United States. Section 311(b)(5) of the Act provides that "any such person who fails to notify immediately such agency of such discharge shall, upon conviction, be fined not more than \$10,000, or imprisoned for not more than one year, or both". To encourage compliance with this provision of the law, the respective EPA-5 District Offices are mailing notification pamphlets to potential dischargers within their areas of responsibility. A sample pamphlet for OHDO has been attached to this section.

As set forth in the OHDO notification pamphlet, reports of all spills or potential spills originating within Ohio should be immediately made to the nearest U. S. Coast Guard facility or OHDO. The State of Ohio is subdivided into two watersheds: the Lake Erie Basin; and the Ohio River Basin (see map, Appendix(VIII)). As a general guideline, all spills occurring within the Lake Erie Basin should be reported to the 9th District Coast Guard. Spills occurring within the Ohio River Basin should be reported to the 2nd District Coast Guard. Notwithstanding the watershed in which a spill occurs, all spills occurring within Ohio should be reported to the Ohio District Office, OHDO. It is understood that the reporting of a spill to a U. S. Coast Guard or EPA facility other than those herein indicated should not be fatal. The unit receiving a report will immediately relay it to the appropriate agency office.

The burden of notifying the appropriate State agency should be placed upon the spiller. This is where the spiller is known. This is necessary as the State of Ohio does not consider notification of the Federal government sufficient State notification. Also, in certain instances, Ohio statutes differ significantly from the Federal law with respect to notification requirements. The Ohio Environmental Protection Agency (Ohio EPA), Division of Surveillance is the primary State agency to receive notification of spills. After evaluating a particular spill report, the Ohio EPA will investigate and notify other interested agencies of the State.

In the course of responding to a spill, OHDO will normally contact the spiller, the Ohio EPA, the U. S. Coast Guard COTP, and the EPA Region V, (EPA-5), Environmental Emergency Section, (EES) as indicated under the general patterns of Response Section of this plan. In addition, for significant discharges affecting the main stem of the Ohio River, OHDO will notify the Ohio River Valley Water Sanitation Commission, ORSANCO.

Accidental Air Episodes

Notification of accidental air episodes should follow the same channels as indicated above for discharges into navigable waters, except that it may not be necessary to involve the Coast Guard in the initial stages of a response. Expert assistance is available to the OSC from EPA-5, Surveillance & Analysis Division, Air Surveillance Branch. This assistance can be requested through EES.

Additionally, the Emergency Operations Control Center of Air Quality Planning and Standards, located at Research Triangle Park, North Carolina, has available certain expertise for aiding the Regional Offices in their response to accidental releases of hazardous substances. This expertise is available in the following areas:

1. Air Quality monitoring for the determination of concentrations of airborne materials;
2. Meteorological monitoring and dispersion calculations for the determination of the existing or potential hazard areas; and
3. Medical expertise for the determination of degree of the existing or potential hazard to the health of persons.

The telephone numbers for requesting this assistance are included in Appendix (II).

Pesticide Spills

Notification respecting discharges of pesticides should be in accordance with those channels indicated above for Discharges into Navigable Waters. Expert advice regarding the nature and effect of a particular pesticide is available from the EPA5, Categorical Programs Division, Pesticides Branch. The appropriate telephone numbers have been included in Appendix (II).

Additional assistance can be obtained from the Pesticides Safety Team Network, established by the National Agricultural Chemicals Association. This is a network of safety teams designed to minimize the risk of injury arising from the accidental spillage or leakage of Class B poison pesticides into the environment. Nine industries, primarily engaged in the manufacture of pesticides, contribute personnel, equipment

and expertise to this network. The central 24-hour telephone number of the network is included in Appendix (II) along with a listing of the nine association members.

Radioactive Emissions

Notify Region

Generally, OHDO is not equipped to respond to a radioactive emission. When OHDO is notified of an actual or potential radioactive discharge the report will be immediately passed to the nearest Atomic Energy Commission (AEC) Office. The AEC has established an AEC-wide 24-hour a day radiological emergency response system for this purpose. This is the present AEC radiological assistance program which is implemented by the interagency Radiological Assistance Plan, (IRAP). IRAP is an agreement entered into voluntarily by several Federal agencies. The purpose of IRAP is to establish and organize operating arrangements to be used in the event of a major release or loss of control of radiological material which endangers public health and safety. Through IRAP the entire complement of Federal resources is available to combat an emergency condition. The AEC Regional Coordinating Office for IRAP for Ohio is located in Chicago, Illinois. The address and telephone contacts for requesting assistance are included in Appendix (II).

OHIO
EPA

EMERGENCY SPILL

An emergency spill can consist of any type of material or matter of a liquid, solid, or gaseous nature that would contaminate the land, water, or air of the State of Ohio.

PHASE I - REPORTING

1) An emergency spill can originate from many sources e.g. Industry, Municipalities, Transportation, Pipelines, etc. The report can also come from many sources e.g. the Spiller, Coast Guard, Local Governmental Department, State Police, USEPA, Wildlife, etc. It is the responsibility of the Spiller to report all spills and emissions to the Ohio EPA through the Emergency Response Section (299-6336).

2) The Emergency Response Section (ERS) upon receiving an emergency call will notify the following Divisions, Sections and personnel with the State and Federal governments; also, the ERS will send a letter to the Spiller explaining his responsibility to submit a written report of the State of Ohio.

(A) District Offices - The ERS will notify the appropriate district office where the spill occurred. The ERS will give the district office all of the information required for the district personnel to make contact with the appropriate persons or to be able to go directly to the site. The district office will have someone available to take this report at all times during office hours.

(B) Chief, Division of Surveillance - Ernest Neal will be notified of all spills that appear to be of such magnitude as to attract public interest or that may justify the consideration of the Director, Ohio EPA, or the Assistant Director, Ohio EPA for any reason.

(a) Director, Ohio EPA - The Director will be notified by the Chief, Division of Surveillance, when in his opinion the emergency is of such magnitude to warrant the Director's attention.

or if the spill may attract public interest.

(b) Assistant Director, Ohio EPA will be notified by the Chief, Division of Surveillance when in his opinion the emergency is of such magnitude to warrant the Assistant Director's attention, or if the spill may attract public interest.

(c) Public Interest Center will be notified by ERS if the spill could attract the interest of the public or press.

(D) Division of Waste Management and Engineering will be notified by the ERS if it is felt that they may be of some assistance in stopping or containing the spill.

(E) Wildlife will be notified if it is felt that there is a need for them on the site or if there is a wildlife or fish kill involved.

(F) USEPA and USCG - When the spiller is the Reporter, the ERS will inform them to contact the USEPA or USCG. If the Reporter is other than the Spiller, the ERS will call either the USEPA or USCG.

PHASE II - O.S.C. (ON-SCENE COMMANDER)

1) Ohio EPA District Office will follow directions as given by ERS in handling the spill report. The district office will send out personnel as directed by the ERS for routine spills; however, in the case of a large spill or one that could be of immediate danger to the health and welfare of the public, or would attract wide public interest, the district office will send someone to the site immediately.

(A) The OSC will report the situation and conditions he finds at the site within one hour after his arrival on the scene to the ERS. He will communicate with Local, County and State Police when needed and will direct any needed evacuation with the aid of the police. He will also coordinate operations with the USEPA, USCG, Fire Departments and Local Governmental Departments.

(B) The OSC after evacuating all endangered people will make all possible efforts to get the spiller to contain the already spilled material and stop any further material from escaping; if the spiller will not cooperate or can not be contacted or is unknown, the OSC will use all available State facilities to contain the spill e.g. State Highway Garage, etc. If the spiller refuses to help in the cleanup, the OSC will contact the ERS, who will make the necessary contacts to get the necessary legal aid.

(C) When the rotating fund is put into effect, the OSC will be able to hire contractors under certain conditions. This is to be developed later.

(D) There are a number of Mutual Aid groups available in various areas of the state. These groups are formed by many businesses to combine their materials and capital, and are able to cleanup most spills caused by their participating members. The OSC should take advantage of these groups when available. A list of these groups is being compiled and will be sent out later.

(E) The OSC will keep the ERS informed during any emergency as deemed

necessary by ERS.

(F) The OSC will contact CHEMTREC and The Bureau of Explosives when needed.

- 2) Emergency Response Section, after receiving the reports from the district, will keep all interested parties informed as described in #2, Phase I.

PHASE III - WRITTEN REPORTS

- 1) District Office

The district office will fill out all sections of the On-Scene Commander Follow Up Report. This, along with any other pertinent information or reports that may be needed for possible legal action or monetary recovery from the Spiller, must be supplied. All field reports and follow up information must be channeled through the ERS within five days of the Initial Report.

- 2) Spiller

The Spiller will send a report to the ERS within five days of the Initial Spill Report. This report will explain how the spill occurred; how the spill was discovered; what was done to stop the discharge; what was done to contain the already spilled material; what action was taken to effect a cleanup of the lost material; how much was spilled; how much was recovered; what happened to the difference between the quantity spilled and recovered, if any; what measures have been taken or planned to be taken to insure any future spillage from this source.

If the cleanup operation extends beyond five days, a supplemental follow up report will be sent to ERS when the cleanup is completed.

3) Emergency Response Section

The ERS will send reports as needed to the following:

- (A) Director, Ohio EPA
- (B) Assistant Director, Ohio EPA
- (C) Chief, Division of Surveillance
- (D) Public Interest Center
- (E) Waste Management and Engineering
- (F) Authorization and Compliance
- (G) Office of Regulation
- (H) Data Processing
- (I) USEPA
- (J) USCG
- (K) Wildlife

ROUGH DRAFT

1210.4

Ohio Department of Health

Emergency Duty Officer	"	614-469-8686
Lab Assistant Director		
Gary Davidson	(home) "	451-7151
Office at Lab.	"	469-2111

A complete list of all county and city health offices is included.

DB/pm
7/23/73

ROUGH DRAFT

Central Office - Office Phone: 614-~~466~~⁴⁶⁶-8305

John Dobbins.	(home phone)	614-491-2201
Don Brown	" "	" 882-0163
Jim Irwin	" "	" 299-5310
Ken Schultz	" "	" 268-7495
Bob Adkins.	" "	" 491-5197
Steve Taylor.	" "	" 889-1634
* 24 hour Emergency Number.	"	-299-6336

Ask for
Beeper: #284

OHIO EPA
Answering Service: 614-469-5066

ROUGH DRAFT

1210.1

NEDO - Office Phone: 216-425-9171
Darryl Senskey (home phone) 216-998-4630
Bob Wysenski " " " 673-8658
Tom McKittrick " " " 321-2428
Ron Ostop " " " 781-8254
Lynn Clemmer " " " 321-2428
Ray Debassic " " " 923-8510
24 hour Emergency Number 216-425-9200

Ask for

Page: T-282 - Summit Area
A-146 - Cuyahoga Area

NWDO - Office Phone: 419-352-⁸⁴⁶¹~~6591~~
~~John Harris (home phone) 419-352-7931~~
Don Higgins " " " 365-5626
Greg Sautter " " " 878-7501
24 hour Emergency Number . . . Toledo area 419-255-1870

Ask for

Page: 130 J. Harris

24 hour Emergency Number . . Findlay area 419-423-9727

Ask for

Page: 515 D. Higgins

SWDO - Office Phone: 513-461-4670
Ken Harsh (home phone) 513-878-1555
Gary Brambel " " " 867-1488
Sue Goetz " " " 298-6015
Ken Senour Jr. " " " 885-3094
24 hour Emergency Number 513-461-4670

Ask for

Page: 172

SEDO - Office Phone: 614-753-1973
Jim Grow (home phone) 614-593-6946
Joe Davidson " " " 662-4181
Max Luehrs " " " 385-6516
Martin Kuklis " " " 593-8726
Blain Everetts " " " 837-7002
Al Coulsen " " " 928-6068

OHIO DEPARTMENT OF NATURAL RESOURCES

Emergency Response Personnel*

24-Hour Emergency Number (614) 466-3059

* Response personnel to be called in order indicated:

- (1) Dave Papier (Member Ohio Emergency Team)
Office: (614) 466-6294
Home: (614) 231-5488
- (2) James P. Schafer
Deputy Director, Planning & Research
Office: (614) 466-5476
Home: (614) 891-4035
- (3) William White
Deputy Director
Env. Enforcement & Legal Affairs
Office: (614) 466-6130
Home: (614) 486-6472
- (4) R. K. O'Bryant
Asst. Deputy Director
Planning & Research
Office: (614) 466-5476
Home: (614) 875-5392
- (5) James Swartzmiller
Chief Engineer
Office: (614) 466-4633
Home: (614) 888-1714

Division of Oil and Gas
1500 Dublin Road
Columbus, Ohio 43215

(614) 466-3990

OHIO DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WILDLIFE
(DISTRICTS)

District One
1500 Dublin Road
Columbus, Ohio 43212
(614) 469-3337

District Two
Lima Avenue
Findlay, Ohio 45840
(419) 422-6757

District Three
912 Portage Lakes Drive
Akron, Ohio 44319
(216) 644-2293

District Four
360 East State Street
Athens, Ohio 45701
(614) 593-6933

District Five
Route #3
Xenia, Ohio 45385
(513) 372-7668

In Cleveland call: 621-9968

In Sandusky call: 625-8062

MISCELLANEOUS

Public Utilities Commission of Ohio
(PUCO)

C. Geer

Office: (614) 466-3191
Home: (614) 466-2304

Ohio Petroleum Council
88 East Broad Street
Columbus, Ohio 43215

William L. Howard
Associate Director

Office: (614) 221-5439
Home: (614) 267-4000

Ohio River Valley Sanitation Commission
414 Walnut Street

Cincinnati, Ohio 45202

William Klein

Office: (513) 421-1151
Home: (513) 752-1849

United States Bureau of Explosives

(202) 293-4048

CHEMTRECK

(800) 424-9300

OHIO OIL SPILL CLEANUP COOPERATIVES

<u>Cooperative</u>	<u>Area of Concern</u>
1. Central Ohio Valley Mutual Aid Committee (COVMAC) Contact: W. K. Stuard Shell Chemical Company P. O. Box 235 Belpre, Ohio 45714 Tel: (614) 423-7571	Ohio River from New Martinsville, West Va. - Gallipolis, Ohio
2. Cleveland Harbor Conservation Committee Contact: Wayne E. Brallow Marine Fueling, Inc. 1714 Terminal Tower Cleveland, Ohio 44113 Tel: (216) 621-2595	Cuyahoga River and Cleveland Harbor
3. Greater Cincinnati Hazardous Materials Control Committee Contact: Joe Miller Gulf Oil Company P. O. Box 120 Hooven, Ohio 45033 Tel: (513) 941-2800	Ohio River MP 459-MP500; Licking River, mouth to MP 7
4. Greater Sandusky Area Spill Response Committee Contact: Cdr. A. W. Gove USCG, COTP Toledo Federal Bldg., Rm. 501 234 Summit Street Toledo, Ohio 43604 Tel: (419) 259-6372	Lake Erie shoreline, & major tributaries from Port Clinton to Vermilion
5. Toledo Harbor Spill Control Committee Contact: J. M. Floyd Gulf Oil Company 2935 Front Street Toledo, Ohio 43605 Tel: (419) 729-3871	Toledo Harbor & Maumee Bay
6. Tri-State Pollution Prevention & Cleanup Committee Contact: Eldon Sloan Ashland Oil Company P. O. Box 391 Ashland Kentucky 41101 Tel: (606) 329-3607	Ohio River, MP 279-341

AIR RESPONSE

U. S. Environmental Protection Agency
Emergency Operation Control Center, EOCC
Research Park, North Carolina 27711

Regular Duty Hours

Contact EOCC	FTS	(919) 688-8541
	Commercial	(919) 682-7188
	TWX	(919) 927-1801

Off Duty Hours

Contact one of these persons

Charles W. Whitmore	(919) 362-7686
John I. Eagles	(919) 383-1632
B. J. Steigerwald	(919) 782-5069

Ohio Environmental Protection Agency
Division of Surveillance
Emergency Response Section
1030 King Avenue
Columbus, Ohio 43212

Commercial	(614) 466-8305
24 Hr.	
Emergency	(614) 299-6336
TWX	

Local Air Pollution Control
(APC) Units

	<u>Telephone</u>	<u>TWX</u>
Akron APC 177 South Broadway Akron, OH 44308	(216) 375-2480	810-431-2091
Canton APC City Hall 218 Cleveland Ave. S.W. Canton, Ohio 44702	(216) 455-8951 Ext. 231	810-432-9091
Cincinnati APC 2400 Beekman Street Cincinnati, Ohio 45214	(513) 352-4880	810-461-2379
Dayton APC 451 West 3rd Street Dayton, Ohio 45402	(513) 225-4435	810-459-1761
Lorain APC 329 10th Street Lorain, Ohio 44052	(216) 244-6718	810-426-2139
Mansfield APC 600 West 3rd Street Mansfield, Ohio 44906	(419) 524-2333	
Painesville APC 121 Liberty Street Painesville, Ohio 44077	(216) 352-0766	
Portsmouth APC 740 Second Street Portsmouth, Ohio 45662	(614) 354-6637	810-258-2687
Steubenville APC 308 Market Street Steubenville, Ohio 43952	(614) 282-3908/4561	810-339-2575
Toledo APC 26 Main Street Toledo, Ohio 43605	(419) 255-1500	810-442-1717
Youngstown APC Rm. 404 Central Tower Bldg. Youngstown, Ohio 44503	(216) 744-1928/0214	810-435-2811

Weather information from the NWS NOAA, etc. will be provided as follows:

Telephone (voice)

1. National Weather Service, Cleveland, Ohio
(216) 267-3900
(216) 267-0069
2. National Weather Service, Louisville, Kentucky
(502) 366-7558
3. National Weather Service, Pittsburgh, Penn.
(412) 644-2881

Teletype (TWX)

National Weather Service, Pittsburgh, Penn.
710-664-2095

PESTICIDE RESPONSE

Pesticide Safety Team Network
Cincinnati, Ohio
24-Hour emergency number (513) 961-4300

Member Industries

1. Chemagro Corporation
P. O. Box 4913
Kansas City, Mo. 64120
2. Chevron Research Co.
A Standard Oil of California Subsidiary
200 Bush Street
San Francisco, Calif. 94120
3. Diamond Alkali Co.
Union Commerce Building
Cleveland, Ohio 44114
4. Monsanto Co.
800 North Lindbergh Blvd.
St. Louis, Mo. 63166
5. Niagara
6. Shell Chemical Co.
Division of Shell Oil Co.
50 West 50th Street
New York, New York 10020
7. Stauffer Chemical Co.
299 Park Avenue
New York, N.Y. 10017
8. Union Carbide Corporation
270 Park Avenue
New York, N.Y. 10017
9. Welsicol

RADIOLOGICAL RESPONSE

1. U. S. Atomic Energy Commission
Washington, D.C. (202) 973-1000
2. U. S. Atomic Energy Commission (312) 739-7711
Chicago Operations Office Duty Hrs: Ext. 2111
9800 South Cass Avenue Off Hrs: Ext. 4451
Argonne, Illinois 60439 or Ext. 2165
3. Major Potential Sources of Radioactivity (Ohio)

Goodyear Atomic Corporation
(AEC Gaseous Diffusion Plant)
P. O. Box 628
Piketon, Ohio 45661 (614) 289-2331, Ext. 2113

Mound Laboratory
(AEC Research Facility)
Miamisburg, Ohio 45342

RECOMMENDED MESSAGE FORMAT

FOR USE ON THE

FMPCA TWA NETWORK

The following sample message, detailed explanation and operating suggestions are intended to assist in effective message transmission and efficient teletypewriter use. Basic operating procedures for the 33ASR are contained in the operating manual provided by the Bell System.

1 WPCDCA
2 WPCKCY 011504U MAY69
3 SITREP ONE BLUE RVR BARGE COL
4 1. BARGE SUE, #471, OWNED & OPERATED BY K.C. TRANSP CO. COLLIDED
W/PIER AT ELM ST BRIDGE BLUE RVR. K.C.
2. CARGO-10,000 BBL #4 FUEL OIL. #5 & 6 TANKS HOLED: EST 4,000
BBL OIL SPILLED. RESULTING SLICK COVERS EST 15 SQ MI OF WATER
SURFACE, 20% IN BLUE RVR, 80% ON MISSOURI RVR.
COGRD, COE, FMPCA & STATE PERSONNEL ON SCENE. OWNER HAS CONTRACTED
W/SQUEEKY KLEEN CO TO CONTAIN & COLLECT OIL. LOG BOOMS IN PLACE
AND THREE VAC TRKS WORKING
3. DWNSTRM WATER USERS NOTIFIED.
4. NO FIRE HAZARD
5. FMPCA REPS WILL OBSERVE SITUATION TILL CORRECTED.
6. SITUATION PENDS
5 W.R. WORKING
6 ENDIT
7 WPCDCA

Explanation of Major Parts of Message

1. Station being called - printed automatically on 33ASR units.
2. Station of origin (here is) and date-time group.
In the example shown it is 3:04 P.M. - local time
At point of origin (U) on May 1, 1969. Military and
USCG transmissions often use Zulu (Z) or Greenwich
mean time.
3. Subject of Message - This line may also be used to direct messages
to an individual at the receiving station.
4. Message - Numbered paragraphs are preferred. Common abbreviations
are acceptable providing meaning is clear--spell out if there is any
question of interpretation of abbreviations.
5. Name of persons responsible for having message transmitted.
6. Closing - advises end of message
7. Confirmation - on 33ASR machine this may be obtained by asking
WRU - others require manual response.

ENVIRONMENTAL PROTECTION AGENCY

Please
implement

W. H. P.
Smith
Noble

REPLY TO
ATTN OF:

Director, Surveillance & Analysis Division

DATE: OCT 20 1973

SUBJECT:

Oil and Hazardous Materials Sitreps

TO:

- District Office Directors

There has been considerable deviation from spill reporting procedures as recommended in memoranda to the District Office Directors from Dr. Robert W. Zeller, March 1, 1973 and from R. E. Diefenbach, August 4, 1973.

In order to facilitate Regional data processing and expedite transmission of reports to Headquarters, it is recommended that the OHM Coordinators reacquaint themselves with these memoranda. Several points require emphasis, and, certain improvements have suggested themselves.

1. Major and medium spills require a teletyped sitrep. Only minor spills should be reported by mailing the completed 16 point summary on a weekly basis. It would be helpful if these reports were typed.
2. Major and medium spills still pending should be updated by teletype every 2-3 days, or promptly closed by teletyping a 16 point summary.
3. When compiling the Data Form for Oil and Hazardous Materials, the following information is necessary so that District OHM activities can be evaluated. This should be entered under comments.
 - a. Name of District Office representative who was on-scene.
 - b. Extent of District Office participation i.e. phone contact, on-scene observer, on-scene coordinator, or supervising clean-up contractor.
4. Identification of the responsible organization on the 16 point summary frequently does not conform with the required OHM-SIRS format. The organization headquarters name and address is required, e.g. American Oil Company, is a subsidiary of Standard Oil Company (Indiana) and the address would be 910 S. Michigan Avenue, Chicago, Ill. 60680. When in doubt, consult the Oil and Gas Industry Directory issued to your office.

5. It would expedite compiling Regional data if spills were identified by some distinct characteristic i.e. an identification number, the spill date or at least, using the same spill title on each report.
6. EES has become more deeply involved in enforcement activities and must evaluate each spill for the possibility of criminal enforcement action. In addition, all 16 Point summaries are sent to the appropriate Coast Guard District for processing for assessment of a Civil Penalty. It would facilitate these determinations if certain specific information were included under "comments".
 - a. Whether or not proper notification was made.
 - b. What evidence you have, i.e. photographs, samples, witnesses' statements or other case information.
 - c. Any mitigating or aggravating circumstances arising during any aspect of the episode.
 - d. A concise statement of whether or not you recommend enforcement.
7. Spills which are classified as potential major or medium should be reported immediately to the EES by telephone, off duty hours included. As more accurate information is obtained, the classification can be downgraded if warranted. (We have been in the rather embarrassing position of receiving calls from Headquarters requesting information on spills of which we are completely unaware.)
8. The Environmental Emergency Section would be in a better position to assist your efforts, were each spill reported as soon as the District Office learns of it. The information requested is;
 1. Spiller
 2. Amount and material
 3. Date and time
 4. Waterway involved
 5. District Office action

and should be based on the available information.

A typical, complete TWX might be:

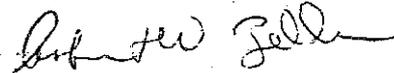
ILDO case 73-17

1. Williams Brothers Pipeline
2. 5 BBL of crude oil
3. September 31, 1973, Early AM

4. None
5. No on-scene investigation, will file 16 Point report.

It is recognized that this preliminary report is subject to subsequent revision, but it will alert EES without interfering with the immediate District response.

Your cooperation in these matters will greatly facilitate both District Office and EES operations by minimizing requests for correction of improperly prepared reports.


Robert W. Zeller, Ph.D.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

R. E. Smith

SUBJECT: Warning Letters

DATE: June 28, 1973

FROM: Chief, Environmental Emergency Section

TO: All District OHM Coordinators

The policy of waiting for the recommendation of the Enforcement Division to issue a warning letter will be modified, immediately. If the OSC or District Director deems it necessary to send a warning letter or telegram to the spiller, to effect better clean-up operations or corrective actions to avoid future spills, he should proceed on his own initiative.

All warning letters or telegrams initiated by other than an Enforcement Division recommendation shall close with the following paragraph:

"Compliance with the suggestions or recommendations contained in this communication does not mitigate the possibility of either referral to the courts or assessment of a civil penalty by the U.S. Coast Guard, if Federal Statutes have been violated."

Please follow this procedure on warning letters as of this date. Be sure to include the suggested paragraph as the final paragraph in the communication.

Insert this memo in the OHM Handbook under "Enforcement Guides", "Sample Warning Letter", for future reference.

Russell E. Diefenbach

Russell E. Diefenbach

Smith

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

SUBJECT: Spill Case Referral to Enforcement

DATE: February 28, 1974

FROM: Director, 5S

TO: Director, 5E

Attached for your reference is a copy of RO-ED-73-W-39B.

During September, 1973, I agreed to implementation of these procedures for oil and hazardous materials spill enforcement in Region V, even though it appeared to me that the prescribed paper work was much too cumbersome for the amount of enforcement product obtained. At that time, I asked Messrs. Tellekson and Diefenbach if there might not be simpler, more direct, procedures which we could follow here in Region V to more effectively handle the enforcement of O & HM spills. Mr. Diefenbach responded to my request through the attached memorandum dated October 19, 1973. I did not act upon Mr. Diefenbach's memorandum at that time because I wanted to allow an adequate period of time for evaluation of the efficiency and effectiveness of the agreed upon procedures.

Also attached for your reference is a copy of the January 8, 1974 memo from Mr. Kirk concerning oil spill enforcement. It is apparent to me from a review of the Table included in Mr. Kirk's memorandum that oil spill enforcement during the period of January 1 to October 1, 1973 was not at all effective or efficient in Region V. Mr. Diefenbach informs me that neither the effectiveness or the efficiency of the agreed upon procedures in Region V have improved since that time. Very few check-lists on reported spills are referred by the Enforcement Division to the U. S. Coast Guard for administrative penalty. When you consider that the Coast Guard is mandated to levy an administrative penalty of up to \$5000 for any oil spills reaching navigable waters, this is an embarrassing situation for EPA, Region V. Also, very few check lists and supporting data are referred to the U. S. Attorney for penalties resulting from non-notification or from Refuse Act violations related to oil spills in Region V. And, to add insult to injury, when the U.S. Attorney does act on an oil spill referral, the penalties levied against the spiller are usually only \$500 to \$750. Again, this is hardly a record of which we can be very proud. When you consider the amount of paper work involved in the agreed upon procedures between the S & A Division and Enforcement Division in Region V this is a situation that demands our immediate attention. Additionally, I find that the revised National Contingency Plan and promulgation of the Spill Prevention Control and Countermeasure regulations have imposed a significantly greater work load upon the S & A Division On Scene Coordinators. Therefore, I must seek every opportunity to facilitate the efficiency with which our On Scene Coordinators administer their assigned responsibilities.

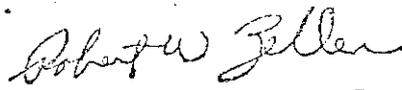
It is for these reasons that I have made the following decision; effective April 1, 1974 the S & A Division On Scene Coordinators operating out of

February 28, 1974

Director, 5E

the S & A Division District Offices will transmit 16 point check lists and supporting information or signed statements of fact directly to the U.S. Coast Guard for enforcement action pursuant to all spills reaching navigable waters under EPA jurisdiction in Region V. Carbon copies of these check list referrals will be transmitted through the Environmental Emergency Section of the S & A Division to the Enforcement Division. Upon receipt of your copy of the check list or signed statement if the Enforcement Division feels that other enforcement action would be appropriate, you may contact the Coast Guard in this regard. Whenever, in the judgment of the On Scene Coordinators, enforcement actions against the spiller for non-notification or violations of the Refuse Act would be appropriate, then recommendations to this effect would be transmitted along with the 16 point check list and other supporting information, through the Environmental Emergency Section to the Enforcement Division for referral to the U. S. Attorney. This would be in addition to the check list sent to the Coast Guard for administrative penalty.

I understand and fully appreciate that this is a drastic change from current regional procedures for enforcement of oil and hazardous materials spills. However, in my opinion, drastic action is justified. I have therefore, requested Messrs. Tellekson and Diefenbach to detail the administrative and coordination procedures required to implement the above decision. Mr. Diefenbach will be contacting your staff on this matter. Additionally, I will be most happy to discuss this decision with you at your request.



Robert W. Zeller, Ph. D.

Attachments:
As Stated

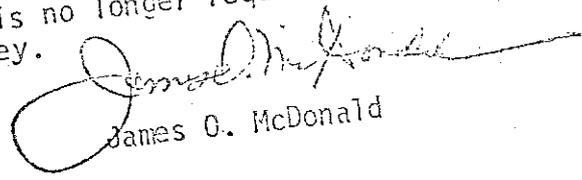
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: September 26, 1973
RO-ED-73-W-39B

SUBJECT: Region V Oil and Hazardous Material Spill Procedures
FROM: James O. McDonald, Director Enforcement Division
TO: See Below

Pursuant to new directives, Attachment A of RO-ED-73-W-39 dated May 31, 1973 and its first amendment, RO-ED-73-W-39A dated July 25, 1973, are hereby further amended. The changes have been brought about due to new relationships with the U.S. Coast Guard and the respective State Agencies involved in oil and hazardous material spills, and the procedures prescribed in the newest National Oil and Hazardous Substances Pollution Contingency Plan (40 CFR Part 1510 published at 38 Federal Register 21888).

Attachment A (including A-1 and A-2) of RO-ED-73-W-39A should be removed and, in its place, Attachment A (including A-1 and A-2) of RO-ED-73-W-39B should be inserted. Attention should be given to new Attachment A-1, a model referral letter to a U.S. Attorney. Headquarter's approval is no longer required in order to refer a case to a U.S. Attorney.


James O. McDonald

Attachments a/s

- Distribution: Director, Enforcement Division
- Director, Surveillance and Analysis Division
- Chief, Environmental Emergency Section, Surveillance and Analysis Division
- Chief, Permit Branch
- Chief, Enforcement Branch
- Chief, Technical Coordination Section
- Chief, Legal Support Section
- Chief, Compliance Section
- Coordinating Attorney - R. J. Belmonte
- Lowell Thomas
- Enforcement Staff - Water

Routed:

Copy to Dieffenbach
10/12/73

REGION V

OIL AND HAZARDOUS MATERIAL SPILL PROCEDURES

The procedures set forth below are designed to assure effective coordination between the Surveillance and Analysis Division (SAD) and its sections and the Enforcement Division, the Environmental Protection Agency (EPA), the U.S. Department of Justice, the U.S. Coast Guard and the States' Agencies, and also to conform to RO-ED-73-W-55 of August 6, 1973, the Guidelines of April 26, 1973 and prior RO-ED-71-W-34 of November 4, 1971. Most of the procedures have been in effect for some time; a few are new.

INGATHERING OF INFORMATION

The following information regarding all reported spills of oil and hazardous materials is to be received by the Environmental Emergency Section (EES):

1. SITREPs from the District Offices.
2. "16 Point" summaries from the District Offices.
3. POLREPs from the Coast Guard.
4. Coast Guard 3639 reports, as appropriate.
5. Coast Guard correspondence accompanying 3639 reports, as appropriate.
6. All correspondence, reports and calls from other sources (citizens, State agencies, etc.)

FORWARDING OF INFORMATION FROM EES TO ENFORCEMENT

1. All information from EPA District Offices, including SITREPs and "16 Point" summaries, is forwarded from EES to Enforcement on each spill from a known source which reaches a body of water. An "Action Record" form will be attached to the informational documents of any given spill. The SITREPs and "16 Point" summaries should be sent to the Coordinating Attorney after the final report is received. Special notice should be given the Coordinating Attorney at the earliest possible time of spills which EES determines are worthy subjects of enforcement action.

-3-

2. Forwarding one copy of the Action Record and Enforcement Branch request to SAD.
3. Preparing the referral letter upon receipt of the checklist and other materials from the District Office. (See Attachment A-1).
4. Sending the file to the U.S. Attorney.
5. Advising SAD, the U.S. Coast Guard, and the appropriate State Agency of the final action of the matter by the U.S. Attorney or the Court.

REFERRAL TO COAST GUARD

1. Enforcement forwards one copy of the Action Record and Enforcement Branch request to SAD.
2. Upon receipt of the checklist and other evidence from the District Office, Enforcement forwards the case file and referral letter to the Coast Guard. (See Attachment A-2).
3. If no advice is received from the Coast Guard after 90 days from the date of forwarding the case file, Enforcement will ask for a status report from the Coast Guard.

ENFORCEMENT ADVICE TO HEADQUARTERS, WASHINGTON

1. Referrals to the Coast Guard - Headquarters will receive a copy of the referral letter sent to the U. S. Coast Guard.
2. Referrals to the U. S. Attorney - Headquarters will receive a copy of the referral letter sent to the U.S. Attorney.
3. No action cases - Every 30 days, copies of Action Records or an equivalent memorandum will be forwarded to Headquarters.

ENFORCEMENT ADVICE TO DEPARTMENT OF JUSTICE

1. The Assistant Attorney General for Land and Natural Resources will receive a copy of referral letter to the U. S. Attorney.

COMPLIANCE LOGS

Enforcement will be responsible for maintaining a monthly log of all reports received from EES and their disposition. Additionally, Enforcement will prepare a weekly log showing the status of all reports received, preliminary determinations, referrals to the U.S. Attorney or the Coast Guard, and reports of action by the U.S. Attorneys and the Coast Guard.



DRAFT FORM LETTER
UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION V
1 NORTH WACKER DRIVE
CHICAGO, ILLINOIS 60606

Mr. _____ (Name)
United States Attorney
(Area) District of _____ (State)

(Address)

Re: _____ (Spiller)
_____ (Date)
_____ (Pollutant)
_____ (Waterway Involved)
_____ (Nearest City, State)

Dear Mr. _____:

Forwarded herewith is our case file concerning the above captioned case.

(In the following paragraph briefly describe the incident and advise as to the law to be relied on. Also state that the case has been previously discussed with the U.S. Attorney or one of his assistants including the name of the individual contacted, the date of the telephone conversation and the fact that he indicated a willingness to accept the case.)

Please keep this office advised as to the current status and final disposition of this matter and furnish Mr. _____, Legal Support Section, with copies of any papers filed in connection with this case. Mr. _____ can be contacted at (312) 353-1470 or 1471.

Very truly yours,

James O. McDonald, Director
Enforcement Division

- bcc: Deputy Assistant
Administrator for Water Enforcement
Assistant Attorney General for Land and
Natural Resources, Department of Justice
Director, Review and Coordination
Division, Office of Water Enforcement
Appropriate U.S. Coast Guard District
Appropriate State Agency
Appropriate District Office
Russell Diefenbach, Environmental Emergency Section,
Surveillance and Analysis Division



DRAFT FORM LETTER

Attachment A-2
RO-ED-73-W-39B

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION V
1 NORTH WACKER DRIVE
CHICAGO, ILLINOIS 60606

Commander, James D. Webb
Chief, Environmental Emergency Section
Second Coast Guard District
United States Coast Guard
1520 Market Street
St. Louis, Missouri 63103

(use whichever address is appropriate)

Captain John M. Austin
Chief, Marine Safety Division
Ninth Coast Guard District
United States Coast Guard
1240 East Ninth Street
Cleveland, Ohio 44100

Re: (MONTH-YEAR)
Spill Cases and Disposition of
Referrals

Dear _____:

Forwarded herewith are the subject materials.

We are referring the spill cases to you for appropriate action under the Federal Water Pollution Control Act Amendments of 1972, Section 311(b)(6)

If you have any questions concerning these matters, please contact Mr. R. J. Belmonte at (312) 353-1471. Additionally, please keep this office advised as to the current status and final disposition of this matter, furnishing copies of any pertinent papers.

Very truly yours,

James O. McDonald, Director
Enforcement Division

Enclosures
(List salient information on cases, i.e.;
company name, date of spill, type of
pollutant, waterway involved, nearest
city and state.)

Attachment A-2
RO-ED-W-39B

bcc: (Acting) Deputy Assistant Administrator for Water Enforcement, HQ
Appropriate States' Agencies
Directors, ILDO, INDO, MIDO, MWDO, and OHDO
Chief, EES, SAD
Control Suprv., Permit Branch, then to appropriate PB Team Chiefs
R. J. Belmonte
Lowell Thomas

ENVIRONMENTAL PROTECTION AGENCY

DATE: October 19, 1974

REPLY TO
ATTN OF:

Chief, Environmental Emergency Section

SUBJECT:

Spill Case Referral to Enforcement

TO:

• Director, S & A Division

This memo is in response to your note of 14 October 1973, concerning McDonald's RO-ED-73-W-398. Attached is a procedure that I recommend that we follow in the future. The existing conditions resulted from the joint letter to Admirals Siler and Heckman, signed jointly by you and McDonald earlier this year.

Presently, we must assume that the least effective action we can take against a spiller is referral to our Enforcement Division for action in the Courts by the U.S. Attorneys.

Cases In Point

Marathon Pipeline Company, Oil Spill of 8 July 1971 at Birds, Illinois:

This spill was in the magnitude of 5,000 bbl and was not reported by the spiller to either the USCG or US EPA. EPA was informed of the spill by Texaco, who picked up oil in cooling water suction from the Embarras River. Subsequent investigation by EPA revealed that Marathon had contained the spill during daylight hours; shut down operations during the night and lost the contained oil by heavy rains. Photos, samples, and testimony was obtained on video-tape that the spill was unreported and incidents leading to loss of the oil. Both photos and video-tape recordings of oil on the Embarras River downstream of the Marathon line were obtained.

This case was referred to the U.S. Attorney for prosecution of non-notification and Refuse Act violation. Charges of non-notification were dropped in exchange for a guilty plea in regards to Refuse Act violations. A fine of \$750.00 plus costs was levied. THIS IS NOT A DETERRENT AGAINST REPEATED SPILLS. This company was most uncooperative with the EPA, at the time of this spill.

Sohio Pipeline Company, Oil Spill of 1 June 1972 at Calvin, Illinois:

Seventy barrels were estimated to have entered the Wabash River. Again no notification was given. Again a referral for criminal prosecution of the Refuse Act and failure to notify under Sec. 11 (b)(4) of the 1970 Federal Water Pollution Control Act was made to the U.S. Attorney. Evidence consisted of 15 photos, analysis of three (3) samples determined to be from a common source, and finally statements from three (3) witnesses that saw the oil on the Wabash River. Here again, charges

concerning non notification were dropped in exchange for a change of plea from not guilty to nolo contendere for Refuse Act violations. Again a fine of \$750.00 was levied.

These court decisions are typical of the results we obtain from enforcement referrals. Both were strong cases involving both violations of the Refuse Act and failure to notify under the Federal Water Pollution Control Act. I would like to point out that both cases were handled by the same U.S. Attorney, Mr. Michael L. Levinson.

An example of the results of criminal prosecution results of the 1899 Refuse Act, where no violation of the Federal Water Pollution Control Act was involved, is the Hamilton Oil Corp. case. Here the spiller notified EPA, but 40 bbls. entered Sanders creek. A plea of nolo contendere in court resulted in a fine of \$500.00.

Discussion

In no way can this type of enforcement action be considered as a deterrent to repeated spills. Since the new revision of the contingency plan does not provide for enforcement phases encumbered upon the OSC, it is apparent that we must modify our position. The limited number of District OHM Coordinators coupled with the new mandate of spill response activities further necessitates a review of our policy.

Our most effective weapon to reduce the number of spills is contained in the authority of Section 311 (f)(1) & (2) of Public Law 92-500. Conscientious supervision and/or assumption of clean-up activities is the most effective tool available to the OSC to mitigate environmental damage, and avoidance of future careless acts resulting in spills.

The Lakehead Pipeline Company spill of 8,000 bbl. of crude oil into the headwaters of Lake Ripley, near Cambridge, Wisconsin is a prime example of an effective deterrent against spiller's repeated poor operations and clean-up activities. The total costs of clean-up, including contractor's fees and recouping of governmental expenditures was approximately \$400,000.00. This figure is the result of the insistence that a polished final clean-up be performed, rather than an extensive burn-off when clean-up activities were no longer economical. Even at today's crude price of \$6.00/bbl, Lakehead paid a stiff penalty for their spill. This action was far more effective than allowing an extensive burn-off and associated court action with a pitiful fine (probably \$500.00 - \$750.00) for a Refuse Act violation.

Currently, the Erie, Lackawanna RR has expended approximately \$28,000.00 for clean-up on a derailment after they had abandoned clean-up efforts. Al Smith forced their return for further clean-up, and they are currently bearing compressor rental costs of \$300/day for aeration. In the same area our clean-up demands costs Ohio Power Company approximately \$100,000.00 to clean-up 20,000 gal. of transformer oil.

Another example concerns Penn-Central RR in E. St. Louis, Illinois. The condition was leeching and migration through soil of oil into the Mississippi River, and a slick condition. Leslie responded on first request of USCG, took evidence and departed scene with information for referral to enforcement. After a meeting in this office with Noecker and Leslie, Leslie returned and insisted on further clean-up activities. The result was abatement and an expenditure of approximately \$40,000.00. To beat the same tattoo on the drum, THIS WAS FAR MORE EFFECTIVE THAN OUR WEAK ENFORCEMENT ALTERNATIVES.

Attached is my recommended procedure for responsibilities of OSC spill response and handling of spill referrals to both the Enforcement Division and the USCG, based on these factors:

1. Limited personnel in OHM positions.
2. Mandatory increased response to spills as per National Contingency Plan revision.
3. Quarles' memo of 26 April 1973.
4. Action deemed most effective in reducing spills
 - A. Maximum efforts of clean-up supervision
 - B. Remedial technical action to avoid recurrence of incident.
 - C. U.S. Coast Guard administrative penalty as required by P.L. 92-500.
 - D. Referral to U.S. Attorneys for violations of Sec. 311 (b)(5) of P.L. 92-500, and 1899 Refuse Act.

This recommended procedure is a radical departure from the complicated RO-ED-73-W-39B. A simplified comparison of the two procedures is as follows:

RO-ED-73-W-39B

- I. All OHM-SIRS received from District by Region V, EES
- II. EES forwards to Enf. Div. for review and determination of action
- III. EES returns OHMSIRS action slip to EES designating action to be taken

Recommended Procedures

- I. All OHM-SIRS and signed statements of OSC to EES
- II. D.O. will recommend to EES that case be sent to USCG or referred to Enf. Div. for referral to U.S. Attorney
 - A. EES will send OHM-SIRS and signed statements to USCG
 - B. USCG request further evidence if they levy administrative penalty

OR

IV. Action course by Enf. Division

- A. No action (finis)
- B. Recommended Warning Letter
 - 1. Enf. Division sends warning letter to spiller (This does not exclude warning letter per EES memo dated 6/28/73)
- C. Referral to U.S. Attorney
 - 1. Enf. Div. requests case material preparation from D.O. through SAD
 - 2. D.O. sends evidence and check list to Enf. Div.
 - 3. Enf. Div. make telecom to U.S. Attorney
 - 4. Referral to U.S. Attorney
 - a. copy to SAD & USCG
- D. Referral to U.S. Coast Guard
 - 1. Enf. Div. requests case material from D.O. through SAD
 - 2. D.O. sends material to Enf. Div. through SAD
 - 3. Enf. Div. forwards material to USCG Dist. for Admin. Penalty
- E. Additional information needed
 - 1. Enf. Div. will note on action slip to EES and request to D.O through SAD
 - 2. D.O. sends requested additional info to Enf. Div. through SAD
 - 3. Enf. Div. evaluates additional info for actions as previously listed

(This outlines procedures between Enf. Div., EES, SAD, and D.O.'s only.)

- A1. EES will forward case to Enf. Div. at recommendation of OHM Coordinator.
 - 1. All non-notification cases
 - 2. All spills not subject to USCG Adm. penalty
- B1. USCG will be informed of referral to U.S. Attorney by EES upon request of 1 for info for Adm. penal

Russell E. Diefenbach

Enclosure

Field Procedures for OHM Coordinators And Handling of OHM Cases

The following is the recommended actions to be followed concerning spill reports and subsequent field activities and case handling. This is a suggested procedure based upon priority of responsibilities. It is to be used with discretion, resulting in the minimal damage to the environment and reduction of spill incidents. This is not to be used in a cook-book fashion. Think - Plan - Evaluate - Act.

1. Upon receiving report of spill-evaluate what response is necessary. The National Contingency Plan requires action on all spills and potential spills.

2. If spill is or is suspect of being medium or major classification - immediately notify the USCG-COTP by telephone or radio.

Send TWX to Regional Office EES all available info and who is responding. After duty hours telephone member of EES Region V.

Notify others as required by Sub-Regional Contingency Plan.

3. Respond to spill, assess situation and proceed with proper course of action.
 - A. Activate RRT, if necessary and not done previously.
 - B. Monitor clean-up activities.
 - C. Assume clean-up responsibilities, after due warning, and execute Phases I thru V of Contingency Plan.
 - D. Notify EES of need for coordinating attorney, if case is enforceable and evidence need be gathered. (on spills of lesser magnitude, OSC should gather evidence if it does not interfere with clean-up supervision or monitoring.)
 - E. Send daily SITREPS to Regional Office on progress of spill clean-up.
4. Send 16 Point Summary (OHM-SIRS) at conclusion of EPA activities and signed statement of spill incidents to EES.
5. Refer case to either USCG or Enforcement Division through EES.

NOTE: Prime responsibility will be to effect an efficient clean-up. Make it as thorough as possible so as to motivate the spiller to avoid future spills.

The secondary course of action should be referral of case to USCG for administrative penalty.

Non-notification should be referred to Enforcement Division



Last course of action should be referral for Refuse Act violations to Enforcement Divisions.

The disposition of cases should be handled as follows:

1. The District OHM Coordinator will initiate referral of cases to Enforcement Division, at his discretion, through EES.
2. In all instances, a copy of OHM-SIRS and OSC's signed statement will be sent to the appropriate USCG District, through EES. The Coast Guard District shall request of EES additional information needed if they are proceeding with a hearing. (The USCG will determine if the information has sufficient strength to proceed with administrative penalty and make request of EPA.)
3. EES may request District OHM Coordinator to develop case on a spill incident and EES make referral to Enforcement Division based on spiller's Regional spill record.
4. If case has been referred to Enforcement Division for court action, USCG will be informed, if they request case for administrative penalty.

No longer will all sitreps be forwarded to Enforcement for determination of action. Referral of cases to Enforcement for court action will be prerogative of the District OHM Coordinator. He has been on scene and has the best available knowledge of the situation. All other cases will be forwarded to the Coast Guard for the opportunity of an administrative penalty.

The OSC will gather all possible evidence to support court actions or administrative penalties on all spills where this activity does not interfere with supervision and/or monitoring of the clean-up. In the case of medium or major spills, or where the OSC cannot gather evidence he will request the coordinating attorney to perform such functions, as per Mr. Quarles' memo of 26 April 1973. The OSC will be in charge of all activities during the spill as provided in the National Contingency Plan.

ROUTING AND TRANSMITTAL SLIP		ACTION	
1 TO (Name, office symbol or location) <i>Russ Weyerbach</i>	INITIALS	CIRCULATE	
	DATE	COORDINATION	
2	INITIALS	FILE	
	DATE	INFORMATION	
3	INITIALS	NOTE AND RETURN	
	DATE	PER CONVERSATION	
4	INITIALS	SEE ME	
	DATE	SIGNATURE	
REMARKS			
<p>You may have already received a copy of this memo; however, we are forwarding a copy to be <u>sure</u> our OHM people receive the word.</p> <p>Please make note of the meeting referred to in the last paragraph. We strongly urge OHM Coordinators to attend this meeting if approval and arrangements can be made.</p>			
Do NOT use this form as a RECORD of approvals, concurrences, disapprovals, clearances, and similar actions.			
FROM (Name, office symbol or location) Russ Weyer, DOHM		DATE 1/11/74	
		PHONE	

OPTIONAL FORM 41
AUGUST 1967
GSA FPMR (41CFR) 101-11.206

GPO c47-16-31413-1 419-015

5041-101



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN 8 1974

OFFICE OF
ENFORCEMENT AND GENERAL COUNSEL

MEMORANDUM

TO: Regional Enforcement Directors
Surveillance and Analysis Directors
Regional Oil and Hazardous Materials Coordinators

FROM: Assistant Administrator for Enforcement and General
Counsel

SUBJECT: Oil Spill Enforcement

Attached is a status report on EPA Oil and Hazardous Materials spill enforcement actions covering the period January 1 to October 1, 1973. It shows a great improvement over last year's record, although some Regions should apparently be more active. Some Regions with few actions reported may be relying on strong Coast Guard enforcement programs. All Regions should send me the Coast Guard records that would indicate the number of enforcement actions taken and the results to date. This may present a more complete picture of the status of spill enforcement activities.

I realize that lack of manpower and resources may result in the inability to follow up oil spill referrals, particularly in light of the present priority being rightly accorded to permit issuance and follow-up. What is needed, I believe, is a more efficient use of those Enforcement and Surveillance and Analysis personnel already working on oil spill problems. It is particularly important that Surveillance and Analysis personnel work closely with Enforcement staffs to maximize the number of investigations that can be completed and cases that can be prepared, in addition to the vital job of oil spill clean-up. Wherever reported spills cannot be investigated by the Environmental Protection Agency or the U. S. Coast Guard, a Section 308 information request should be sent to the discharger. Regional Administrators were delegated the authority to administer Section 308 in the Part 125--NPDES regulations, promulgated May 22, 1973 (38 Federal Register 13531). You should also encourage State agencies to provide EPA with evidence obtained from State investigations.

Assistant Administrator for
Air and Water Programs

Some Regions have already been successfully using Section 308 letters in their oil enforcement programs. For those who have not, a suggested format is attached which should be helpful, which was prepared by Henry Stetina. Regional comments on this format should be forwarded to Rick Johnson, with a copy to Henry Stetina.

The following guidelines should apply when a Section 308 letter is sent to a discharger:

1. Section 308 letters should be used when a violator reports a spill which EPA is unable to investigate on scene.
2. Section 308 letters may also be used occasionally to supplement EPA or State investigations.
3. Section 308 information requests should not be utilized to investigate situations which may culminate in criminal prosecution.
4. Section 308 letters must be posted by "Registered Mail -- Return Receipt Requested."
5. Each Region must carefully maintain a log indicating for each letter the date mailed, the date received and the date a response is due.
6. When a Section 308 letter is used, the Enforcement Division should plan to exercise Section 309 sanctions if the violator fails to respond or if the response contains false statements -- the falsity of which can be established.
7. If the complete information submitted in response to the letter indicates that a violation did occur, that evidence should be referred to the Coast Guard as basis for a Section 311(b)(6) civil penalty.

A copy of the discharger's response should be automatically sent to the Emergency Response Branch in your Region.

To improve oil spill enforcement procedures within Regions, and to share successful Regional techniques among Regional staffs, we are planning a meeting for a representative of each Oil Enforcement staff and their counterpart in the Emergency Response Branch on February 20 and 21, 1973, in Atlanta, to be conducted in cooperation with the Oil and Hazardous Materials Division. Any suggestions for possible topics

8.3.73

to be included in the agenda should be sent to Patricia O'Connell, Headquarters. This will be a working level meeting which will focus on legal and investigative problems. Coast Guard and Justice Department participation is planned. We also plan to discuss the new EPA spill prevention regulations, and their implementation.



Alan G. Kirk II

Enclosures

cc: OGC Chron
Reading

Rick Johnson
Henry Stetina
Patricia O'Connell
Assistant Administrator for Air & Water Programs

RE: Johnson: dwk: 12/28/73

CONCURRENCES

NO.								
SIGNATURE								
DATE								

Region	No. of Oil Spills Reported to Emergency Branch	No. of Oil Spills EER Reported to Enforcement	No. of Spills Enforcement Refers to Coast Guard	No. of Spills Enforcement Refers to U. S. Attorney (EMPCA)	No. of Spills Enforcement Refers to U. S. Attorney (Refuse Act)	Total Enforcement Actions
I	800	175	17	3	9	29
II	217	15	7	--	1	8
III	683	100	51	3	1	55
IV	192	61	52	19	--	71
V	310	310	16	4	20	50
VI	499	17	8	1	3	12
VII	151	151	49	16	4	69
VIII	477	42	22	1	--	23
IX	--	24	9	1	--	10
X	10	10	9	1	--	10
Total.	3314	905	240	49	48	357

Spills

OIL AND HAZARDOUS MATERIALS SPILL ENFORCEMENT

JANUARY 1 -- OCTOBER 1, 1973

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
Report of Oil or Hazardous Material Discharge

The following information is submitted concerning a discharge of oil or hazardous material:

1. Time and date of discharge.
2. Location of discharge, including:
 - a. name of municipality and state;
 - b. name and address of industry or commercial establishment at which the discharge occurred, if applicable;
 - c. distance from receiving waterway.
3. Type of material discharged.
4. Quantity discharged.
5. Quantity of material which eventually reached the receiving waterway, and date and time it was discovered.
6. Type of vessel or facility (ship, barge, storage tank, tank truck, etc.) in which the oil was originally contained.
7. Describe in detail what actually caused the discharge.
8. Name and address of owner of facility causing the discharge.
9. Name and address of operator of facility causing the discharge.
10. Describe damage to the environment.
11. Describe steps the above named owner or operator took to clean up the spilled oil and dates and times steps were taken.
12. Actions by company to mitigate damage to the environment.
13. Measures taken by your company to prevent future spills.

14. List the federal and state agencies, if any, to which the owner or operator named in 8 and 9 above reported this discharge. Show the agency, its location, the date and time of the notification, and the official contacted.
15. List the names and addresses of persons you believe have knowledge of the facts surrounding this incident.
16. Name and address of person completing this report.
17. Your relationship, if any, to owner or operator.
18. List other information which you wish to bring to the attention of EPA. For example, number employed by the firm.

The above answers are true to the best of my knowledge and belief.

Signature of person completing
this report.

Date of Signature: _____

Draft letter for Regional Administrators' signature

Gentlemen:

The Environmental Protection Agency has received a report that your company was involved in the discharge of a harmful quantity of oil, estimated to be _____ gallons into waters of the United States, to-wit: (name of waterway) near (city), (state) on or about (time, date) from a (truck, pipeline or facility) which you own (or operate).

The 1972 Amendments to the Federal Water Pollution Control Act (hereinafter, the "Act") prohibits the discharge of oil or a hazardous substance into or upon the waters of the United States in harmful quantities [33 U.S.C. 1321(b)(3)]. Any owner or operator of a vessel or facility from which oil or a hazardous substance is discharged shall be assessed a civil penalty by the Coast Guard of not more than \$5,000 [33 U.S.C. 1321(b)(6)]. The definition of harmful quantities of oil appears in Title 40, Code of Federal Regulations, Section 110.3.

In order for this Agency to carry out its responsibilities under the Act, you are required under authority of Section 308 of the Act (33 U.S.C. §1318) to submit a letter of explanation including the specific information listed in Attachment A.

The letter of explanation must be submitted to: (Enforcement Director, Region address) within fourteen (14) days of receipt of this letter. It must be signed by a duly authorized official of the corporation or company. The information submitted will be considered in evaluating whether the oil spill violated Section 311. (Please note that your reply in no way constitutes immediate notification of a spill to the appropriate federal agency, as required by Section 311(b)(5).) Section 309 of the Act (33 U.S.C. §1319) provides civil and criminal penalties for failure to submit information required under Section 308 and criminal penalties for knowingly making a false statement in any submission under Section 308.

If you have any questions please contact (name), Attorney Legal Branch, Enforcement Division, at (phone number).

Sincerely yours,

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE:

SUBJECT:

Aircraft Chartering

FROM:

Russell E. Diefenbach
Chief, Environmental Emergency Section

TO:

OHM Coordinators

In the event that it is necessary to charter an aircraft for any purpose, including emergency response and/or spill surveillance, in order to ensure expeditious payment of the charter company, a charter agreement, a Government Transportation Request (GTR) and the Public Voucher for Transportation of Passengers Form 1171 must be prepared and submitted with your travel voucher. Copies of these are attached.

If the contractor requires immediate payment, a proper receipt of any mode of payment (cash or credit card) is acceptable in place of a GTR.

You should familiarize yourself with the procedures, which are given on the attached forms.

Attachment



U.S. Environmental Protection Agency
Region V
230 South Dearborn
Chicago, Illinois 60604

DATE:

The _____ agrees to furnish charter service
(Charter Company)
to U.S. Environmental Protection Agency, Region V to transport EPA
employees and/or equipment on official Government business.

The charter company will _____

(Identify service to be performed, destination(s), period of time,
dates and time)

at the mileage rate of _____ per mile and hourly rate of _____
per hour.

For U.S. Environmental
Protection Agency

Authorized Charter Company Official

If Transportation Request form or cash was not used for this charter
service, there will be a confirming purchase order issued to the
charter company. Please prepare in duplicate

Distribution: Original to EPA Representatives
Copy to charter company

Note to charter company: Copy of understanding must be attached to
the voucher requesting payment.

Note to EPA employee: Copy of understanding and receipt must be
attached to your travel voucher if the charter has been obtained by
cash. Refer to EPA Travel Manual, Chapter 5, Paragraph 3D.

CAPACITY OF PIPELINES IN BARRELS, FOR COMMON DISTANCES

BARRELS (42 U.S. GALLONS)

Outer diameter (in.)	1 mile	2 miles	3 miles	4 miles	5 miles	6 miles	7 miles	8 miles	9 miles
2	22	44	66	88	110	132	154	176	198
2½	31	62	93	124	155	186	217	248	279
3	48	96	144	192	240	288	336	384	432
3½	65	130	195	260	325	390	455	520	585
4	83	166	249	332	415	498	581	664	747
6	190	380	570	760	950	1140	1330	1520	1710
8	335	670	1005	1340	1675	2010	2345	2680	3015
10	530	1060	1590	2120	2650	3180	3710	4240	4770
12	744	1488	2232	2976	3720	4464	5208	5952	6696
14	905	1810	2715	3620	4525	5430	6335	7240	8145
16	1200	2400	3600	4800	6000	7200	8400	9600	10800
20	1900	3800	5700	7600	9500	11400	13300	15200	17100
22	2290	4580	6870	9160	11450	13740	16030	18320	20610
24	2760	5520	8280	11040	13080	16560	19320	22080	24840
34	5630	11260	16890	22520	28150	33780	39410	45040	50670
40	7850	15700	23550	31400	39250	47100	54950	62800	70650

