APPENDIX F
INCIDENT ACTION PLAN

INCIDENT ACTION PLAN

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Common Contents and Field Assignments all Phases

Date Plan Prepared:	May 23, 2001	Time:	18:00 hrs.	
Operational Period*:	Beginning	1-Aug-01	06:00 hrs.	Wednesday
	Ending	31-Oct-01	06:00 hrs.	Wednesday
	Duration	90 Days		

* Subject to change based on recovery operation accomplishments

Approvals: FOSC USCG — CAPT, USCG 5/24/01

SOSC Hawaii — Curtis Martin 5/24/01

US NAVY Incident Commander — W.C. Gumm, Radm, USN 5/29/01

This plan has been prepared in accordance with 33 CFR 136 and is consistent with the National Contingency Plan and Hawaii Area Plan for the COTP Honolulu

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RESPONSE OBJECTIVES and STRATEGIES

The Response Objectives are set by the Unified Command

* **Designates Unified Command Priorities**

* 1) **Ensure the Safety of Citizens and Response Personnel**

Identify hazards of spilled material (MSDS)
Establish site control: hot zone, warm zone, cold zone and security
Consider evacuations as needed
Establish vessel and/or aircraft restrictions
Monitor air in impacted area
Develop site safety plan for response personnel
Ensure safety briefings are conducted

* 2) **Make the Required Notifications and contact OSRO's**

USCG National Response Center	(800) 424-8802	(202) 267-2675
State of Hawaii Department of Health	(808) 586-4249	(808) 247-2191
USCG District 14 MSO office	(808) 522-8260	
LEPC Local Area Planning Committee (Civil Defense)	(808) 523-4121	
USN SUPSALV	(808) 423-7100	
OSRO Clean Island Council	(808) 845-8465	

AGENCIES: USFWS, NOAA, NMFS, and Hawaii State DLNR

* 3) **Control the Source of the Spill**

Transfer or lighter the product
Begin recovery operations
Take other actions as appropriate

4) **Manage Response Efforts in a Coordinated Manner**

Complete or confirm notifications
Establish a Unified Command and ICS organization
Ensure local and Native Hawaiian Organizations are included if necessary
Develop spill response Incident Action Plan
Ensure the mobilization and tracking of resources

* 5) **Establish Surveillance Capability**

Conduct regular overflights
Send out Observers

6) **Contain the Spilled Material**

Deploy standby oil containment boom at the Shallow-water Recovery Site
Deploy oil containment boom at appropriate collection areas
Deploy containment boom where oil may be trapped and locked in

* 7) **Protect the Sensitive Environmental, Recreational, Economic and Cultural Areas**
Deploy geographic response plans (exclusion and deflection booming)
Identify natural resources at risk in the spill vicinity
Develop environmentally appropriate cleanup tactics
Track oil movement and develop spill trajectories

8) **Clean up the Oil from the Impacted Areas**
Conduct environmentally appropriate shoreline cleanup efforts
Clean oiled structures: piers, docks, bridges, etc.
Clean oiled boats and vessels

9) **Consider Alternative Technologies**
Dispersant application
In-situ Burning

* 10) **Recover and Rehabilitate Injured Wildlife**
Establish oiled wildlife reporting hotline, if necessary
Conduct injured wildlife search and recovery operations
Set up a stabilization unit for injured wildlife
Operate a wildlife rehabilitation center, if oiled wildlife is found

11) **Develop the Oily Waste Disposal Plan**
Locate sufficient storage for recovered oil and water
Provide dumpsters at each division for sorbent material and oiled debris
Profile the waste streams, record the quantities and arrange for disposal

12) **Establish a Damage Claims Process**

* 13) **Keep the Public Informed of the Response Activities**
Provide timely notifications of safety announcements and other actions
Establish a Joint Information Center
Conduct news briefings as appropriate
Facilitate news media access to spill response activities
Conduct public meetings and public relations program as appropriate
Provide elected officials details of the response actions

14) **Terminate the Response**
Account for personnel and equipment
Complete documentation and notifications
Evaluate planned response objectives vs. actual response (debrief)

* **Designates Unified Command Priorities**

ICS Form 202

ICS Form 203 **ORGANIZATIONAL ASSIGNMENT LIST*** June 01, 2001

DRAFT

INCIDENT COMMANDER AND STAFF

Federal FOSC	CAPT Kanazawa
State SOSC	Curtis Martin
US Navy IC	RADM Klemm
Japanese Rep. * *	
Deputy IC	Carolyn Winters USN
Safety Officer	Teal Cross PENCO
Legal Officer	LCDR Neil Sheehan USN
Information Officer	John Yoshishige USN
	D14PAO USCG
	SOH PAO
Gov. Liaison	Stanford Yuen USN
Agency Reps.	
Hawaii DLNR	Francis Oishi
USFWS	John Hickey
NOAA Fisheries	John Naughton

PLANNING

Section Chief	Kim Beasley CIC
Deputy	Pearl Cowan USN
Deputy	Lt. Byrd USCG
Resources Unit	USCG
Situation Unit	Rocky Owens USMC
Plan Production	Rusty Nall PENCO/GPC
Documentation	Cynthia Pang USN
Environmental Unit	Mel Kaku USN
Tech Specialists	
Weather	LT Ken Ingram USN
Environmental	Reid Maekawa USN
Scientific Support Coord	Sharon Christopherson NOAA
Facilities, Permits	Karen Sumida USN
USFWS Tech Spec.	Kevin Foster

LOGISTICS

Section Chief	CDR Henry USN
Deputy	SUPSALV
Communications Unit	
Medical Unit	Chief Young USN
Security Unit	Capt. Smith USN
	Lt. Mark Willis USCG

FINANCE

Section Chief	Lyle Tom USN
Deputy	Joanne Sato USN
Claims Unit	Becky Hommon USN
Cost Unit	

OPERATIONS

Section Chief	Bill Walker SUPSALV
Deputy	SUPSALV (GPC Rep)
Deputy	USCG

Air Operations

Director	USN N3

Staging Area

Manager	TBD

Health and Safety Group

Supervisor

Salvage (Recovery) Group

Liaison	LCDR. Steve Stancy USN

On Water Recovery Group

Supervisor	SUPSALV (GPC Project MGR)

On Water Booming Group

Supervisor	SUPSALV (GPC Assist. Project MGR)

Dispersant Application Group

Supervisor	SUPSALV (GPC Rep: Dave Carter/PENCO

Division A (Shoreline Cleanup)

Supervisor

Division B (Shoreline Cleanup)

Supervisor

Wildlife Group

Supervisor	Tim Sutterfield/Steve Smith USN

Surveillance Group (Air Operations)

Supervisor	USN representative (N3)

Final Equipment Decon Group

Supervisor

Waste Disposal Group

Supervisor	Steve Christianson USN
	Kent Harrison USN

Security Group

Supervisor	TBD

prepared by: Rusty Nall

* Specific personnel assignments subject to change

** Dependent on acceptance by the Government of Japan and designated represen

May 23, 2001

UNIFIED COMMAND ICS ORGANIZATIONAL CHART

DRAFT

FOSC USCG	CAPT. Kanazawa
SOSC HEER	Curtis Martin
US NAVY IC	RADM. Klemm
JAPAN REP.	* see foot note

Safety Officer	Teal Cross
Liaison Officer	Stan Yuen
Public Info Officer	John Yoshishige
Legal Officer	Neil Sheehan

Deputy IC	Carolyn Winters

PLANNING SECTION	
Section Chief	Kim Beasley
Deputy	Pearl Cowan
PlnPro & Docmnt	GPC Representative
Environmental Unit	Reid Maekawa

OPERATIONS SECTION	
Section Chief	Bill Walker SUPSALV
Deputy	GPC Representative
Deputy	USCG
Air Operations Brnch	USN Rep (N3)

LOGISTICS SECTION	
Section Chief	CDR Henry
Deputy	SUPSALV

FINANCE	
Section Chief	Lyle Tom
Deputy	Joanne Sato
Cost Unit	SUPSALV
Claims Unit	Becky Hommon

IN THE COMMAND POST

OUT IN THE FIELD

SURVEILLANCE GROUP	
Supervisor	USN rep

ON WATER RECOVERY GROUP	
Supervisor	GPC Project MGR

ON WATER BOOMING GROUP	
Supervisor	GPC Assist Project MGR
Deputy	GPC Foreman

DISPERSANT APPLICATION GROUP	
Supervisor	GPC Representative

SECURITY GROUP	
Supervisor	CAPT Smith

DIVISION A Shoreline Response

DIVISION B Shoreline Response

SALVAGE (RECOVERY) GROUP	
Liaison	LCDR. Steve Stancy

HEALTH AND SAFETY GROUP	
Supervisor	TBD

WASTE DISPOSAL GROUP	
Supervisor	Steve Christiansen

DECON GROUP
Supervisor

WILDLIFE BRANCH	
Supervisor	Tim Sutterfield
	Steve Smith USN

ICS Form 207

* Dependent on acceptance by the Government of Japan and designated representative

RESOURCES AT RISK SUMMARY

DRAFT

There is a complete discussion of the Resources at Risk for this area in the Environmental Assessment (EA) for this project

1 **Humpback Whale Sanctuary**

Potential oil release to affect sensitive species. This is a feeding area for Hawaiian Petrels and Newell's Shearwaters.

2 **Penguin Banks**

The Banks are within the Humpback Whale Sanctuary. This is a feeding area for Hawaiian Petrels and Newell's Shearwaters.

3 **Waikiki Beach**

If oil reaches the beach at Waikiki, the major effects would be due to increased difficulty of the cleanup and the interference with tourist recreation.

4 **Honolulu Harbor**

If oil enters Honolulu Harbor there is a potential to oil the intertidal channel edges, and leave oil residue on commercial and recreational boats.

5 **Keehi Lagoon**

If oil enters Keehi Lagoon there is a potential for oiling the endangered Hawaiian Black-necked Stilt and intertidal mud flats. The oil could also interfere with recreational use of the lagoon.

6 **Pearl Harbor**

If oil enters Pearl Harbor there is a potential for oiling the endangered the Hawaiian Black-necked Stilt, Hawaiian Coot, Hawaiian Duck and Gallinule. Oil entering Pearl Harbor could contaminate mud flats and mangrove areas.

7 **Ewa Beach**

If oil is inadvertently released in the Eva Beach area there could be the potential to disrupt recreational activities on the beaches. In addition, a release of oil could result in the oiling of green sea turtles.

ICS Form 232 Prepared by:

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001
18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**
Common Contents and Field Assignments all Phases

Operational Period:	beginning	1-Aug-01	0600 hrs.	Wednesday
	ending	31-Oct-01	0600 hrs.	Wednesday
	duration	90 Days		

HEALTH & SAFETY GROUP

Supervisor: Teal Cross

Strategies:

1) Assess and evaluate job safety standards throughout operation.

2) Update safety contingencies and procedures as required.

3) Ensure availability of emergency medical care.

4) Ensure adequate personal protective equipment is available and used.

5) Ensure air monitoring equipment is serviceable and available for use as required.

5) Develop Site-specific Spill Health & Safety Plan.

6) Develop provisions for Medical evacuation by helicopter and crew boat.

7) Conduct Daily Safety Briefings.

RESOURCES

Position

Supervisor
Hazmat Technician
Hazmat Technician
Hazmat Technician

Equipment

Gastech Multi Meter
Sensidyne Detector Kit
Vehicle

Specialized Personal Protective Equipment
Nomex Suits
SCBA x 2
3/4 Rain Gear
Nitrile Gloves
Rubber Boots

prepared by:

ICS Form 206 | Incident Name | date prepared June 01, 2001

MEDICAL PLAN **EHIME MARU OIL SPILL RESPONSE**

MEDICAL AID STATIONS	LOCATION	Paramedics YES	NO
Division A	As activated		x
Division B	As activated		x
Division C	As activated		x
Nearshore Containment Group	As activated		x

A minimum of two CPR-First Aid-qualified persons shall be on site during all work activities to handle minor injuries and basic first aid care.

Refer to Navy Diving and Salvage Operations Plan for all medical emergencies involving diving operations.

This Medical Plan shall also provide options for medical attention beyond the capabilities of on-site first aid as follows:

OFFSHORE TRANSPORTATION

The USCG Search and Rescue Center shall be notified for emergency offshore transportation via helicopter for injuries requiring immediate emergency medical attention (urgent care required) for transportation to the appropriate medical facility (below). Phone: 1-800-552-6458
The Coast Guard may also be reached on Marine VHF Radio, channel 16.

An on-site water taxi or tug (or other suitable vessel) may be utilized to transport injured personnel (non-urgent, serious injuries) to Honolulu Harbor. A pier shall be designated as a rendezvous point with a land-based ambulance at the time of transportation, depending on the location of the patient and harbor vessel traffic. An ambulance shall be dispatched to this pier for patient transportation to the appropriate medical facility (below). Typically, incidents occurring on the eastern half of Honolulu Harbor (or further) shall use Pier 4 (MSO Honolulu) as a rendezvous; incidents occurring on the western half of Honolulu Harbor (or further) shall use the Keehi Small Boat Harbor as a rendezvous, unless otherwise identified.

NEARSHORE TRANSPORTATION (Outside of Honolulu International Airport)

On-site

A small craft will be readily available at all times on the job site to transport injured personnel (any medical situation beyond the capabilities of on-site basic first aid) to rendezvous with a land-based ambulance at the Keehi Small Boat Harbor launch ramp, unless otherwise identified. This ambulance shall provide patient transportation to the appropriate medical facility (below). For on-base Pearl Harbor ambulances call 471-7117. For off-base ambulances, call 911.

SEE ATTACHED SKETCH FOR THE LOCATION
OF NEARBY EMERGENCY FACILITIES

MEDICAL FACILITIES

Queens Medical Center	1301 Punchbowl Street Honolulu, Hawaii	547-4311	24-Hr Civilian Trauma Center
Tripler Army Medical Center	1 Jarrett White Road Honolulu, Hawaii 96859-5000	433-6629	24-Hr Military Emergency Medical Care
Kuakini Hospital Emergency	347 North Kuakini Street Honolulu, Hawaii	547-9540	24-Hr Civilian Emergency Medical Care
Concentra Medical Center	545 Ohohia Street Honolulu, Hawaii	831-3000	Civilian Occupational Injury Mon-Fri 7:00 am to 5:00 pm

MEDICAL EMERGENCY PROCEDURES

When calling for assistance in an emergency, the following information should be readily available:
--Your Name and Location
--Telephone number at your location
--Type of exposure or injury
--Name of person(s) exposed or injured
--Actions already taken

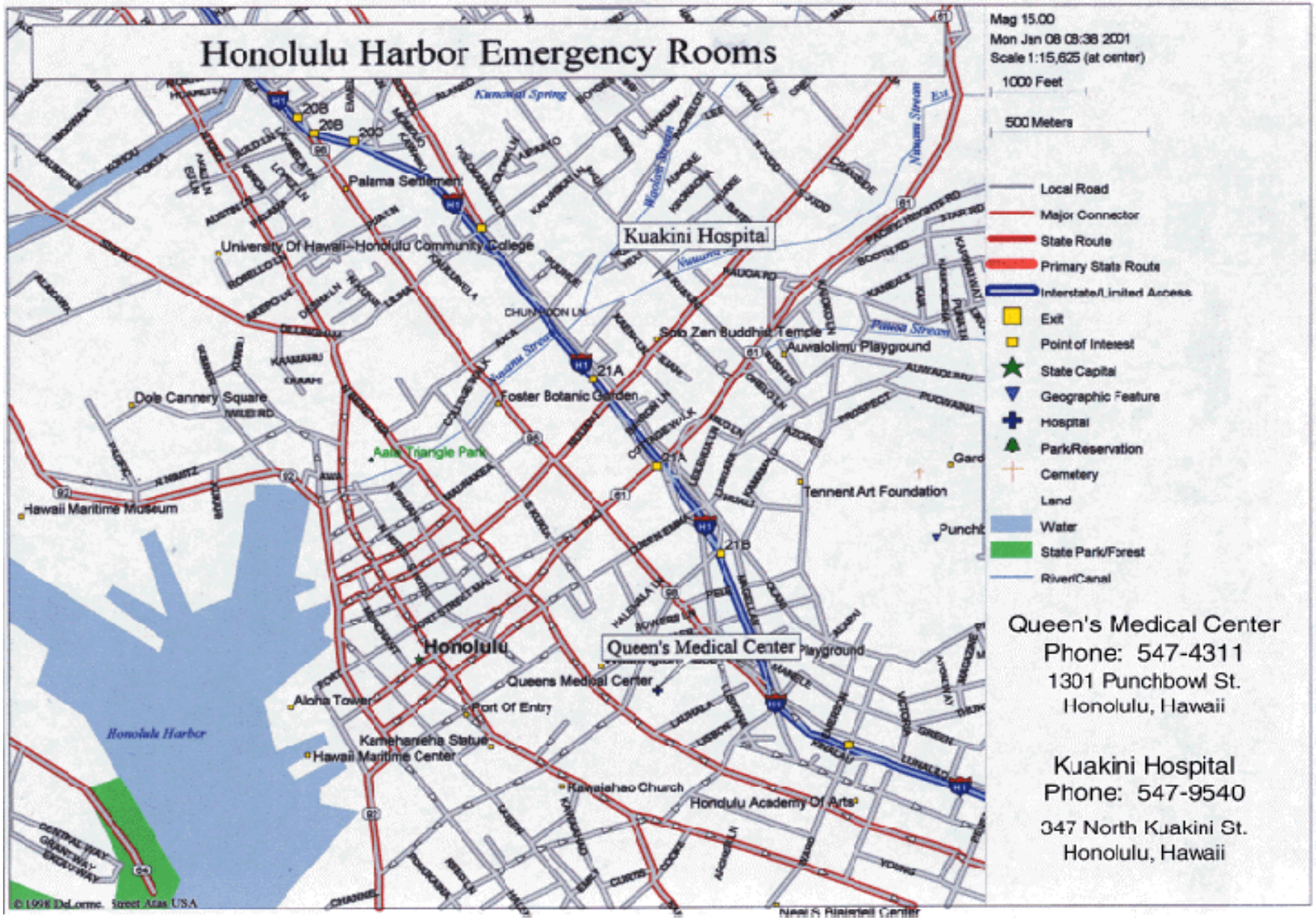
Minor injuries shall be treated on site (Basic First Aid)

For slightly more serious injuries--but the injured person is conscious and able to walk by himself-- they may be driven to the nearest medical center by another worker for medical assistance.

For any significant injury such a broken arm, a cut requiring several stitches, or anything more serious, call 471-7117 (on-base Pearl Harbor ambulances) or 911 (off-base ambulances) to arrange an ambulance rendezvous for medical attention at the appropriate medical facility (above). Emergency Medical Technicians from the ambulance shall identify the appropriate medical facility.

Report all injuries to the Safety Officer and Field Operations Division or Group Supervisors.

Honolulu Harbor Emergency Rooms



Incident Status Summary

June 01, 2001

DRAFT

Source Status

Presently the vessel is not releasing any oil from the current location 9 nautical miles south of Diamond Head, Oahu.

Max Est. Aboard

45,000 gals.

Volume Spilled _____ gals.

Maximum credible spill

Operational Period

Mass Balance

Volume Spilled		gals.
Evaporation		gals.
Dispersion		gals.
Recoverable Product		gals.

On Shore Equipment

- Vac Trucks
- Skimmers
- Other Vehicles
- Containment Boom

Waste Management

Liquid Recovered		gals.
Product Recovered		gals.
Water Recovered		gals.
Oily Solids		cu yds.

On Water Equipment

- Boats
- Boom
- Skimmers
- Vac Trucks

Shoreline Impacts

Wildlife

Safety Status

Personnel

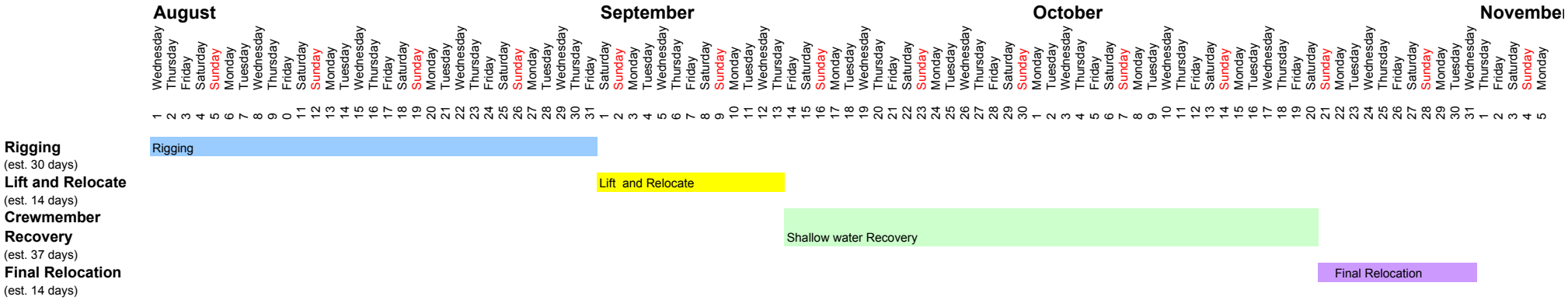
- COMMAND Center
- Health and Safety Group
- Source Control Group
- On Water Group
- Sensitive Area Protection Group
- Division A
- Division B
- Division C
- Wildlife Group
- Surveillance Group
- Final Equipment Decon Group
- Waste Disposal Group

Prepared by:

Total Personnel

EHIME MARU OIL SPILL OPERATIONS TIMELINE

(all days subject to recovery operation accomplishments)



EHIME MARU DEEP WATER LOCATION AND CREW MEMBER RECOVERY SITE

Location: 8 Nautical Miles South of Diamond Head

Latitude: 021* 05' North

Longitude: 157* 49' West

INCIDENT ACTION PLAN

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**
Phase III: Deep-water Rigging

Date Plan Prepared:	June 01, 2001	Time:	18:00 hrs.	
Operational Period*:	Beginning	1-Aug-01	06:00 hrs.	Wednesday
	Ending	31-Aug-01	06:00 hrs.	Sunday
	Duration	31 Days		

* Subject to change based on the recovery operation accomplishments

Approvals: FOSC USCG _____

SOSC Hawaii _____

US Navy Incident Commander _____

This plan has been prepared in accordance with 33 CFR 136 and is consistent with the National Contingency Plan and Hawaii Area Plan for the COTP Honolulu

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Strategic Objectives for this Operational Period

August 1 through August 31, 2001

DRAFT

Note: It is not anticipated that any oil will be released during the rigging phase.

1 Monitor the site for evidence of a release using a helicopter.

2 Establish and maintain a Safety Zone both on the water and in the airspace above.

ICS Form 202 continued

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001
18:00 hrs.

Incident Name: **Phase III: Deep-water Rigging** **DRAFT**
Phase III: Deep-water Rigging

Operational Period:	beginning	1-Aug-01	0600 hrs.	Wednesday
	ending	31-Aug-01	0600 hrs.	Sunday
	duration	31 Days		

HEALTH & SAFETY GROUP

Supervisor: Teal Cross

Strategies:

1) Assess and evaluate job safety standards throughout operation.

2) Update safety contingencies and procedures as required.

3) Ensure availablility of emergency medical care.

4) Ensure adequate personal protective equipment is available and used.

5) Ensure air monitoring equipment is serviceable and available for use as required.

6) Develop Site-specific Spill Health & Safety Plan.

7) Conduct Daily Safety Briefings.

RESOURCES

Position

Supervisor
Hazmat Technician
Hazmat Technician
Hazmat Technician

Equipment

Gastech Multi Meter
Sensidyne Detector Kit
Vehicle

Specialized Personal Protective Equipmen

Nomex Suits
SCBA x 2
3/4 Rain Gear
Nitrile Gloves
Rubber Boots

prepared by:

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phase III: Deep-water Rigging

Operational Period:				
	beginning	1-Aug-01	0600 hrs.	Wednesday
	ending	31-Aug-01	0600 hrs.	Sunday
	duration	31 Days		

SECURITY GROUP (Safety Zone) Supervisor: CAPT Smith

Strategy: During the rigging phase it is not anticipated that security vessels will need to be on site. However, there will be operational requirements for Safety Zones to be established. If there is a need, a USCG Vessel will be dispatched to enforce the Safety Zone for that event.

Tactic: Broadcast a Notice to Mariners advising them of the underwater operations.

Tactic: USCG may provide periodic Security Vessel if requested.

Tactic: Generally, the Navy will use one of the vessels on site for the "Salvage" operations to provide security on the water. The USCG will provide a person on the Navy vessel if requested.

Tactic: The Federal Aviation Administration has established a controlled airspace around the sites.

Note: The security assignments will be finalized when the Navy Operations Orders are released.

Safety Message:

RESOURCES

Position	Name	Equipment
		USCG 41 ft. UTB

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phase III: Deep-water Rigging

Operational Period:				
	beginning	1-Aug-01	0600 hrs.	Wednesday
	ending	31-Aug-01	0600 hrs.	Sunday
	duration	31 Days		

SURVEILLANCE GROUP

Supervisor: USN representative

Strategy: During the rigging phase it is not anticipated that any oil will be released. The USCG will conduct overflights during its daily routine air operations. If there is reason to think oil has been released, then additional overflights will be dispatched utilizing commercial helicopters. Surveillance flights will be conducted during the mast cutting operation and if the stern is lifted to position the lifting plates.

Tactic: The USCG will provide periodic overflights of the recovery site as part of their routine daily air operations.

Tactic: The Navy will provide commercial overflights if the stern is lifted to position the lifting plates. The Navy will provide commercial helicopter overflights of the current location if oil has been released. They will assess the situation and guide the recovery operations.

Tactic: The ROV will be instructed to report any oil leaking from the vessel at depth.

Safety Message:

RESOURCES

Position	Name	Equipment
Air Support Spvr.	N3	USCG Helicopter Commercial Helicopter

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001
18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**
Phase III: Deep-water Rigging

Operational Period:	beginning	1-Aug-01	0600 hrs.	Wednesday
	ending	31-Aug-01	0600 hrs.	Sunday
	duration	31 Days		

ON WATER RECOVERY GROUP

Supervisor: SUPSALV

Strategy: During the rigging phase it is not anticipated that any oil will be released. If there is reason to think oil has been released, then overflights will be dispatched to assess the situation.

This Group will not be activated during the rigging phase unless there is a release of oil. One Navy skimmer system will be on site at the current location if at any time during the rigging phase, a rudder lift is required or if the mast is cut using explosive shape charges.

Tactic: The OSRV CLEAN ISLANDS will be on "ready standby" at pier 34, Honolulu Harbor and shall be capable of being on scene and skimming within 2 - 4 hrs.

Tactic: The Navy skimmers will be on standby at the ESSM Facility in Pearl Harbor.

Safety Message:

RESOURCES

Position	Name	Contact	Equipment
Supervisor			SUPSALV Skimmer 02
Boat Operators			SUPSALV Skimmer 04
Deck Hands			SUPSALV Skimmer 95
Technicians			Monarch (SUPSALV)
			Monarch (SUPSALV)
			Work Boat (American Islander)
			Crew Boat (P&R Water Taxi)
			Crew Boat (P&R water Taxi
			Crew Boat (P&R Water Taxi)
			Crew Boat (Smith Maritime)
			RHIB Inflatable SUPSALV
			OSRV Clean Islands
prepared by:			Plenty of Sorbent Material

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001
18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**
Phase III: Deep-water Rigging

Operational Period:	beginning	1-Aug-01	0600 hrs.	Wednesday
	ending	31-Aug-01	0600 hrs.	Sunday
	duration	31 Days		

ON WATER BOOMING GROUP

Supervisor: SUPSALV

Strategy: During the rigging phase it is not anticipated that any oil will be released. If there is reason to think oil has been released, then an aircraft will be dispatched.

This Group will not be activated during the rigging phase unless there is a release of oil. One Navy skimmer system will be on site at the current location if at any time during the rigging phase a lifting of the rudder is required.

Tactic: The equipment will be staged for immediate deployment at ESSM Facility Pearl Harbor.

Safety Message:

RESOURCES

Position	Name	Contact	Equipment
Supervisor			1000 ft. of Ocean Oil Boom
Boat Operators			SUPSALV Workboat
Deck Hands			SUPSALV Workboat
Technicians			Anchoring Systems

prepared by:

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**
Phase III: Deep-water Rigging

Operational Period:				
	beginning	1-Aug-01	0600 hrs.	Wednesday
	ending	31-Aug-01	0600 hrs.	Sunday
	duration	31 Days		

DIVISION "A" EWA BEACH

Supervisor:

Strategy: Ewa Beach is to the West of Pearl Harbor. With the prevailing weather during the Shallow water Removal phase of the operations, if oil is released the trajectories indicate the majority of the oil will move parallel to the shoreline and out to open ocean. However, if there is an impact, then shoreline response will be necessary. Therefore, the following tactics will be identified and done if required.

Tactic: Responders will place sorbent sweep along the shoreline to adsorb any oil that may wash ashore.

Tactic: Responders will collect any oiled debris from along the shoreline.

Tactic: Establish Zone Control and set up Divisional Personnel Decon Stations.

Task (Night Shift):

Safety Message: Use the required PPE. Be sure to set up proper Personnel Decon Stations and minimize cross contamination. Be aware of heat stress conditions.

RESOURCES

Position	Name	Equipment
Division Supervisor		Oil spill Response Van Flatbed Truck Sorbent Sweep

prepared by: Rusty Nall

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phase III: Deep-water Rigging

Operational Period:				
	beginning	1-Aug-01	0600 hrs.	Wednesday
	ending	31-Aug-01	0600 hrs.	Sunday
	duration	31 Days		

WILDLIFE GROUP

Supervisor:

Strategy: If significant quantities of oil are released, then implement the Wildlife Management Plan.

Tactic: Conduct a pre-operational survey of the appropriate bird colonies to establish existing conditions.

Tactic: If oil is released, monitor appropriate bird colonies and feeding areas to assess and collect oiled birds.

Tactic: If oil is released, observe site for potential wildlife in area and impacts.

Tactic: Set up the CIC Bird Stabilization Unit at an appropriate facility per the Wildlife Management Plan one to two days prior to the lift.

Safety Message:

RESOURCES

Position	Name	Equipment
		Bird Stablization Unit
		Big Boom Truck or Crane
		Tractor Trailer

prepared by: Rusty Nall

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phase III: Deep-water Rigging

Operational Period:				
	beginning	1-Aug-01	0600 hrs.	Wednesday
	ending	31-Aug-01	0600 hrs.	Sunday
	duration	31 Days		

EQUIPMENT DECON GROUP

Supervisor:

Strategy: If a spill occurs, then the Equipment Decon will be done at the ESSM Facility at Bishop Point, Pearl Harbor or a second location would be at Victory Dock on the Pearl City Peninsula.

Tactic: Establish a vessel decontamination area at the ESSM Facility or alternatively at Victory pier on the Pearl City Peninsula. The vessels hulls should be wiped with "hand cleaner" to remove the oily film if necessary.

Tactic: All oil booms must be cleaned before returning them to inventory. A boom cleaning station must be set up at the ESSM Facility at Bishop Point, Pearl Harbor.

Safety Message: Use the required PPE. Be sure to set up proper Personnel Decon Stations and minimize cross contamination. Be aware of heat stress conditions. Be considerate of the local residents, it's their back yard. A neat site is a safe site.

RESOURCES

Position	Name	Equipment
Division Supervisor		

prepared by: Rusty Nall

ICS Form 204 **DECONTAMINATION PLAN** June 01, 2001
11:00 hrs

Incident Name: **Ehime Maru Recovery** **DRAFT**
Phase III: Deep-water Rigging

Operational Period:				
	beginning	14-Sep-01	0600 hrs	Friday
	ending	21-Oct-01	0600 hrs	Sunday
	duration	37 days		

Safey Message: All work is to be performed with consideration for Heat Stress Reduction issues. The Site Safety and Health and Medical plans must be reviewed prior to work.

VESSEL DECONTAMINATION GROUP

Supervisor: Steve Christiansen
USCG Rep: As assigned.

VESSEL DECONTAMINATION

1. Oiled vessels shall be gross decontaminated at the spill site to the greatest extent possible to prevent the spread of contamination from the spill site. Gross decon shall include:
   a. Wipe down exterior hull with sorbent materials (avoid pinch-points).
   b. Wipe down contaminated equipment (on-deck) with sorbent materials.
   c. Wipe down contaminated deck areas with sorbent materials.

2. Shift vessel to Pearl Harbor Decon Staging Area (Pearl Penninsula) or Navy ESSM base at Bishop Point. Vessel shall be immediately boomed (360 degrees) with harbor boom.

3. Unload all contaminated equipment to shore for land-based decon.

4. Using a mild degreasing solution (Simple Green or similar), brush and/or wipe contaminated areas aboard vessel. NOTE: Special care shall be taken to minimize the possibility of liquids leaving the vessel's deck.

5. Rinse vessel with fresh water.

6. Using a mild degreasing solution (Simple Green or similar) on sorbent materials, wipe contaminated areas of external hull.

7. All wastes generated shall be disposed in accordance with the Disposal Plan.

EQUIPMENT DECONTAMINATION

1. Equipment shall be decontaminated within a containment area ung a mild degreasing solution (Simple Green or similar), followed by a fresh water rinse within the containment.

2. Ocean boom shall be decontaminated using a scaffold system within containment using a mild degreasing solution (Simple Green or similar), followed by a fresh water rinse within the containment.

3. All wastes generate

INCIDENT ACTION PLAN

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phase IV: Lift and Relocate to Shallow Water

Date Plan Prepared:	June 01, 2001	Time:	18:00 hrs.	
Operational Period*:	Beginning	1-Sep-01	06:00 hrs.	Saturday
	Ending	14-Sep-01	06:00 hrs.	Friday
	Duration	14 days		

* Subject to change based on recovery operations

Approvals: FOSC USCG _____

SOSC Hawaii _____

US NAVY Incident Commander _____

This plan has been prepared in accordance with 33 CFR 136 and is consistent with the National Contingency Plan and Hawaii Area Plan for the COTP Honolulu

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Strategic Objectives for this Operational Period

Phase IV: Lift and Relocate to Shallow Water

September 1 through September 14, 2001

DRAFT

1 Monitor the site for evidence of a release using a helicopter.

2 Deploy three skimming systems to the present location of the EHIME MARU and be prepared to recover any oil that may be released during the lifting opertion.

3 Follow the ROCKWATER 2 with the EHIME MARU beneath it to the Shallow-water Recovery Site.

4 Maintain a high level of readiness at the Shallow-water Recovery Site for the first 24 hours. After the vessel stablizes, and if no oil is observed, then only one Navy skimmer will be left on scene with the two other Navy skimmers on standby at the ESSM Facility and the OSRV CLEAN ISLANDS on standby at Pier 34 in Honolulu Harbor.

5 Establish and maintain a Safety Zone both on the water and in the airspace above.

6 Pre-position Navy boom for appropriate boom configuration when ROCKWATER 2 arrives at Shallow-water Recovery Site.

Note: The Lift and Transit Phase will be complete after the ROCKWATER 2 has been disconnected from the EHIME MARU.

ICS Form 202 continued

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phase IV: Lift and Relocate to Shallow Water

Operational Period:	beginning	1-Sep-01	0600 hrs.	Saturday
	ending	14-Sep-01	0600 hrs.	Friday
	duration	14 days		

HEALTH & SAFETY GROUP

Supervisor: Teal Cross

Strategies:

1) Assess and evaluate job safety standards throughout operation.

2) Update safety contingencies and procedures as required.

3) Ensure availability of emergency medical care.

4) Ensure adequate personal protective equipment is available and used.

5) Ensure air monitoring equipment is serviceable and available for use as required.

6) Develop Site-specific Spill Health & Safety Plan.

7) Conduct daily safety briefings.

RESOURCES

Position

Supervisor
Hazmat Technician
Hazmat Technician
Hazmat Technician

Equipment

Gastech Multi Meter
Sensidyne Detector Kit
Vehicle

Specialized Personal Protective Equipment

Nomex Suits
SCBA x 2
3/4 Rain Gear
Nitrile Gloves
Rubber Boots

prepared by:

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU SPILL RESPONSE** **DRAFT**

Phase IV: Lift and Relocate to Shallow Water

Operational Period:	beginning	1-Sep-01	0600 hrs.	Saturday
	ending	14-Sep-01	0600 hrs.	Friday
	duration	14 days		

SECURITY GROUP

Supervisor:

Strategy: During the Lifting and Transit phase, there will probably be high public and media interest. Therefore, a moving Safety Zone will need to be established by the USCG. A USCG Vessel will be dispatched to enforce the moving Safety Zone during this phase of the operation.

Tactic: Broadcast a Notice to Mariners advising them of the underwater operations.

Tactic: USCG will provide an escort Vessel on scene at all times during this phase of the operation.

Tactic: Generally, the Navy will use one of the vessels on site for the "Salvage" operations to provide security on the water. The USCG will provide a person on the Navy vessel if requested.

Tactic: The Federal Aviation Administration has established a controlled airspace around the sites.

Note: The security assignments will be finalized when the Navy Operations Orders are released.

Safety Message:

RESOURCES

Position	Name	Equipment
		USCG 41 ft. UTB

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phase IV: Lift and Relocate to Shallow Water

Operational Period:	beginning	1-Sep-01	0600 hrs.	Saturday
	ending	14-Sep-01	0600 hrs.	Friday
	duration	14 days		

SURVEILLANCE GROUP

Supervisor: N3

Strategy: Provide periodic surveillance capability with helicopters during the lifting and transit operations to look for oil released during the lift and relocate operations. If any oil is observed, then the helicopters will be used to direct the skimmer operations.

Tactic: The NAVY will provide periodic surveillance capability with a commercial helicopter during the lifting and transit operation. The Helo Base will be at the Honolulu International Airport. The first overflight will be scheduled when the ROCKWATER 2 takes a strain on the EHIME MARU. Helicopter overflights will be conducted on a periodic basis as required, with a minimum of two flights a day, one in the morning and one in the late afternoon.

Tactic: The USCG will provide periodic surveillance capability during the lifting and transit operations using their helicopter as part of its routine daily mission.

Tactic: The ROV will be instructed to report any oil leaking from the vessel at depth.

Safety Message:

RESOURCES

Position	Name	Equipment
Air Support Spvr.	N3	USCG Helicopter
UC Observer		Commercial Helicopter

Night Shift

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phase IV: Lift and Relocate to Shallow Water

Operational Period:				
	beginning	1-Sep-01	0600 hrs.	Saturday
	ending	14-Sep-01	0600 hrs.	Friday
	duration	14 days		

ON WATER RECOVERY GROUP

Supervisor: SUPSALV

Strategy: It is the responsibility of the On Water Recovery Group to position the US Navy SUPSALV Marco skimmers and the OSRV Clean Islands to be in optimal position to recover any oil that may rise to the surface during the Lift and Transit operations. These three skimmers will be on scene when the lift begins.

Tactic: Position the two USN SUPSALV skimmers down wind and down current of the recovery operations. In the event of a release, recover the product. Follow any instructions given by the aerial surveillance group.

Tactic: The OSRV Clean Islands will stand by onsite during the entire lifting and transit phase. It will use an infrared camera to look for oil at night. The CLEAN ISLANDS shipboard dispersent system will be available with an adequate supply of Corexit 9500 or Corexit 9527 dispersant. The use of dispersants will require approval from the FOSC. No dispersant application at night.

Tactic: The third SUPSALV skimmer will be on standby at the ESSM facility in Pearl Harbor.

Note: If no oil is observed then the SUPSALV skimmers may return to the ESSM facility at nightfall and be placed in the standby mode until the next morning.

Note: The Lift and Transit Phase will end when the ROCKWATER 2 disconnects from the EHIME MARU. This will be about 24 hours after the vessel is placed on the bottom.

RESOURCES

Position	Name	Contact	Equipment
Supervisor			SUPSALV Skimmer 02
Boat Operators			SUPSALV Skimmer 04
Deck Hands			SUPSALV SKImmer 95
Technicians			Monarch
			Monarch
			Crew Boat
			Crew Boat
			Crew Boat
			Crew Boat
			Crew Boat
			Rhib Inflatable SUPSALV
			OSRV Clean Islands
prepared by:			Plenty of Sorbent Material

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** April 28, 2001

18:00 hrs.

Incident Name: **EHIME MARU SPILL RESPONSE** **DRAFT**

Phase IV: Lift and Relocate to Shallow Water

Operational Period:	beginning	1-Aug-01	0600 hrs.	Wednesday
	ending	31-Aug-01	0600 hrs.	Sunday
	duration	31 Days		

ON WATER BOOMING GROUP

Supervisor: SUPSALV

Strategy: The weather constraints placed on the Lift and Relocate Phase of the operation make it unlikely that any oil, if released will move toward shore. However, the assets necessary to implement the protective booming strategies identified in the Hawaii area Plan will remain on standby.

This Group will not be activated during the Lift and Relocate Phase unless there is a release of oil.

Task: Pre-position boom at the shallow-water site 24 hours prior to ROCKWATER 2 arrival.

Safety Message:

RESOURCES

Position	Name	Contact	Equipment
Supervisor			1000 ft. of Ocean Oil Boom
Boat Operators			SUPSALV Workboat
Deck Hands			SUPSALV Workboat
Technicians			Anchoring Systems
			CIC Small Boats
			CIC Oil Boom
			PENCO Small Boats
			PENCO Oil Boom

prepared by:

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001
18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**
Phase III: Deep Water Rigging

Operational Period:	beginning	1-Sep-01	0600 hrs.	Saturday
	ending	14-Sep-01	0600 hrs.	Friday
	duration	14 days		

DIVISION "A" EWA BEACH

Supervisor:

Strategy: Ewa Beach is to the West of Pearl Harbor. With the prevailing weather during the Shallow-water Removal phase of the operations, if oil is released, the trajectories indicate the majority of the oil will move parallel to the shoreline and out to open ocean. However, if there is an impact, then shoreline response will be necessary. Therefore, the following tactics will be identified and done if required.

Tactic: Responders will place sorbent sweep along the shoreline to adsorb any oil that may wash ashore.

Tactic: Responders will collect any oiled debris from along the shoreline.

Tactic: Establish Zone Control and set up Divisional Personnel Decon Stations.

Tactic (Night Shift):

Safety Message: Use the required PPE. Be sure to set up proper Personnel Decon Stations and minimize cross contamination. Be aware of heat stress conditions.

RESOURCES

Position	Name	Equipment
Division Supervisor		Oil spill Response Van Flatbed Truck Sorbent Sweep

prepared by: Rusty Nall

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phase IV: Lift and Relocate to Shallow Water

Operational Period:				
	beginning	1-Sep-01	0600 hrs.	Saturday
	ending	14-Sep-01	0600 hrs.	Friday
	duration	14 days		

DISPERSANT APPLICATION GROUP

Supervisor:

CIC Dave Carter

Strategy: The FOSC must authorize the use of dispersants. This Group will only be activated if the FOSC approves use of dispersants. If dispersants are used, a *DISPERSANT PLAN w*ill be developed, coordinated with the Natural Resources trustees, and then implemented.

Tactic: The Dispersant Application Bucket System will be on standby at the Clean Islands Council warehouse during the Lift and Transit operations.

Tactic: A vessel-mounted dispersant system will be onboard the OSRV CLEAN ISLANDS.

Note: No dispersant application at night.

Note: The Lift and Transit Phase will end when the ROCKWATER 2 disconnects from the spreader assembly on the EHIME MARU. This will be about 24 hours after the vessel is placed on the bottom.

Safety Message:

RESOURCES

Position	Name	Equipment
		Dispersant Helicopter
		Spotter Helicopter
		Observer Helicopter
		Dispersant Bucket No. 1
		Dispersant Bucket No. 2
		Dispersant Trailer

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phase IV: Lift and Relocate to Shallow Water

Operational Period:				
	beginning	1-Sep-01	0600 hrs.	Saturday
	ending	14-Sep-01	0600 hrs.	Friday
	duration	14 days		

WILDLIFE GROUP

Supervisor: Tim Sutterfield or Linda Elliot IBRRC

Strategy: If significant quantities of oil are released, then implement the Wildlife Management Plan

Tactic: If significant quantities of oil are released, then send out observation and capture teams to the rookeries on Oahu. Provide required support as necessary. Coordinate with appropriate natural resource trustees.

Tactic: The Bird Stabilization Unit has been set up at an appropriate facility per the Wildlife Management Plan.

Tactic: Send a USFWS observer out on one of the skimmers to look for potentially impacted wildlife.

Safety Message: Use the required PPE. Be sure to set up proper Personnel Decon Stations and minimize cross contamination. Be aware of heat stress conditions. Be considerate of the local residents, it's their back yard. A neat site is a safe site.

RESOURCES

Position	Name		Equipment
Division Supervisor		Radio	
			Bird Stabilization Unit
			Big Boom Truck or Crane
			Tractor Trailer

prepared by:

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phase IV: Lift and Relocate to Shallow Water

Operational Period:				
	beginning	1-Sep-01	0600 hrs.	Saturday
	ending	14-Sep-01	0600 hrs.	Friday
	duration	14 days		

EQUIPMENT DECON GROUP

Supervisor:

Strategy: Generally when responding to diesel fuel oil spills there is no contamination of the vessels hulls. However, Skimmers and Booms must be cleaned prior to returning them to inventory.

Tactic: Establish a vessel decontamination area at the ESSM Facility or Pearl City Peninsula. Follow the Decontamination Plan. The vessels hulls should be wiped with "hand cleaner" to remove the oily film if necessary.

Tactic: All oil boom must be cleaned before returning it to inventory. A boom cleaning station to be set up at the ESSM Facility at Bishop Point, Pearl Harbor or at Pearl City Peninsula.

Safety Message: Use the required PPE. Be sure to set up proper Personnel Decon Stations and minimize cross contamination. Be aware of heat stress conditions. Be considerate of the local residents, it's their back yard. A neat site is a safe site.

RESOURCES

Position	Name	Equipment
Division Supervisor		
Night Shift		
Supervisor		
Hand Crew		

prepared by: Rusty Nall

ICS Form 204

DECONTAMINATION PLAN

June 01, 2001
18:00 hrs.

Incident Name: **Ehime Maru Recovery**

DRAFT

Operational Period:	beginning	1-Sep-01	0600 hrs	Saturday
	ending	14-Sep-01	0600 hrs	Friday
	duration	14 days		

Safety Message: All work is to be performed with consideration for Heat Stress Reduction issues. The Site Safety and Health and Medical plans must be reviewed prior to work.

VESSEL DECONTAMINATION GROUP

Supervisor: Steve Christiansen
USCG Rep: As assigned.

VESSEL DECONTAMINATION

1. Oiled vessels shall be gross decontaminated at the spill site to the greatest extent possible to prevent the spread of contamination from the spill site. Gross decon shall include:
   a. Wipe down exterior hull with sorbent materials (avoid pinch-points).
   b. Wipe down contaminated equipment (on-deck) with sorbent materials.
   c. Wipe down contaminated deck areas with sorbent materials.

2. Shift vessel to Pearl Harbor Decon Staging Area (Pearl Peninsula) or Navy ESSM base at Bishop Point. Vessel shall be immediately boomed (360 degrees) with harbor boom.

3. Unload all contaminated equipment to shore for land-based decon.

4. Using a mild degreasing solution (Simple Green or similar), brush and/or wipe contaminated areas aboard vessel. NOTE: Special care shall be taken to minimize the possibility of liquids leaving the vessel's deck.

5. Rinse vessel with fresh water.

6. Using a mild degreasing solution (Simple Green or similar) on sorbent materials, wipe contaminated areas of external hull.

7. All wastes generated shall be disposed in accordance with the Disposal Plan.

EQUIPMENT DECONTAMINATION

1. Equipment shall be decontaminated within a containment using a mild degreasing solution (Simple Green or similar), followed by a fresh water rinse within the containment.

2. Ocean boom shall be decontaminated using a scaffold system within containment using a mild degreasing solution (Simple Green or similar), followed by a fresh water rinse within the containment.

3. All wastes generated shall be disposed in accordance with the Disposal Plan.

INCIDENT ACTION PLAN

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phases V, VI: Shallow-water Crewmember Recovery

Date Plan Prepared:	June 01, 2001	Time:	18:00 hrs.	
Operational Period*:	Beginning	14-Sep-01	06:00 hrs.	Friday
	Ending	21-Oct-01	06:00 hrs.	Sunday
	Duration	37 Days		

* Subject to change based on recovery operation accomplishments

Approvals: FOSC USCG _____

SOSC Hawaii _____

US NAVY Incident Commander _____

This plan has been prepared in accordance with 33 CFR 136 and is consistent with the National Contingency Plan and Hawaii Area Plan for the COTP Honolulu

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Strategic Objectives for this Operational Period

Phases V, VI: Shallow-water Crewmember Recovery

September 14 through October 21, 2001

DRAFT

1 Monitor the site for evidence of a release using a helicopter, if required.

2 Establish and maintain a Safety Zone both on the water and in the airspace above.

3 Maintain a high level of readiness at the Shallow-water Recovery Site for the first 24 hours. After the vessel stablizes, and if no oil is observed, then only one skimmer will be left on scene if required with the two other Navy skimmers on standby at the ESSM facility. The OSRV CLEAN ISLANDS on standby at Pier 34 in Honolulu Harbor.

4 Oil containment boom will be staged offshore at the Shallow-water Recovery Site. The boom will be positioned as required to contain or deflect any oil that may be released. This boom will remain off shore at the site through the phase.

Note: The Shallow-water Recovery Phase will be begin when the Crowley Maritime barge CMD 450 is moved into position, which will occur after the ROCKWATER has disconnected from the EHIME MARU.

ICS Form 202 continued

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001
18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**
Phases V, VI: Shallow-water Crewmember Recovery

Operational Period:	beginning	14-Sep-01	0600 hrs.	Friday
	ending	21-Oct-01	0600 hrs.	Sunday
	duration	37 Days		

HEALTH & SAFETY GROUP

Supervisor: Teal Cross

Strategies:

1) Assess and evaluate job safety standards throughout operation.

2) Update safety contingencies and procedures as required.

3) Ensure availability of emergency medical care.

4) Ensure adequate personal protective equipment is available and used.

5) Ensure air monitoring equipment is serviceable and available for use as required.

6) Develop Site-specific Spill Health & Safety Plan.

7) Conduct daily safety briefings.

RESOURCES

Position

Supervisor
Hazmat Technician
Hazmat Technician
Hazmat Technician

Equipment

Gastech Multi Meter
Sensidyne Detector Kit
Vehicle

Specialized Personal Protective Equipment
Nomex Suits
SCBA x 2
3/4 Rain Gear
Nitrile Gloves
Rubber Boots

prepared by:

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001
18:00 hrs.

Incident Name: **EHIME MARU SPILL RESPONSE** **DRAFT**
Phases V, VI: Shallow-water Crewmember Recovery

Operational Period:	beginning	14-Sep-01	0600 hrs.	Wednesday
	ending	21-Oct-01	0600 hrs.	Sunday
	duration	37 Days		

SECURITY GROUP

Supervisor:

Strategy: During the Shallow-water Recovery phase there will be a high level of public interest. An adequate safety zone must be maintained. Both airspace and water access must be controlled.

Tactic: The Navy will provide the security vessel for the Shallow Water Recovery Site.

Tactic: The USCG will provide periodic Security Vessel if requested.

Tactic: The FAA will establish a controlled airspace above the site.

Note: The security assignments will be finalized when the Navy Operations Orders are released.

Safety Message:

RESOURCES

Position	Name	Equipment
		NAVY Security Vessel
		USCG 41 ft. UTB

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phases V, VI: Shallow-water Crewmember Recovery

Operational Period:				
	beginning	14-Sep-01	0600 hrs.	Friday
	ending	21-Oct-01	0600 hrs.	Sunday
	duration	37 Days		

SURVEILLANCE GROUP

Supervisor: N3

Strategy: Provide periodic surveillance capability of the Shallow-water Recovery site with a commercial helicopter for the first 24 hours. If no oil is observed, then with the permission of Unified Command, the overflights will be discontinued until the Deep-water Relocation Phase.

Safety Message:

RESOURCES

Position	Name	Equipment
Surveillance Spvr.		Commercial Helicopter

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001
18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**
Phases V, VI: Shallow-water Crewmember Recovery

Operational Period:	beginning	14-Sep-01	0600 hrs.	Friday
	ending	21-Oct-01	0600 hrs.	Sunday
	duration	37 Days		

ON WATER RECOVERY GROUP

Supervisor: SUPSALV

Strategy: It is the responsibility of the On Water Recovery Group to position the US Navy SUPSALV Marco skimmers to recover any oil that may rise to the surface during the recovery operations. Continue to reassess during critical operations.

Note: The Shallow-water Recovery Phase begins when the ROCKWATER 2 has disconnected from the EHIME MARU.

Tactic: Position one of the Navy SUPSALV skimmers down wind and down current during the initial 24 hr. stabilization period of the recovery operations. In the event of a release, recover the product. Follow any instructions given by the aerial surveillance group.

Tactic: The OSRV CLEAN ISLANDS will stand by at Pier 34.

Tactic: The other two NAVY SUPSALV skimmer systems will be on standby at the ESSM facility in Pearl Harbor.

Tactic: Pre-position plenty of sorbent sweep and boom onboard the diving support barge In the eve of a release, assist in recovering the product using the sorbent material. Follow any instructions given by the aerial surveillance group.

Safety Message:

RESOURCES

Position	Name	Contact	Equipment
Supervisor			SUPSALV Skimmer 02
Boat Operators			SUPSALV Skimmer 04
Deck Hands			SUPSALV Skimmer 95
Technicians			Monarch
			Monarch
			Crew Boat
			Crew Boat
			Crew Boat
			Crew Boat
			Crew Boat
			Vacuum Recovery System
			RHIB Inflatable SUPSALV
			OSRV Clean Islands
			Plenty of Sorbent Material

prepared by:

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001
18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**
Phases V, VI: Shallow-water Crewmember Recovery

Operational Period:	beginning	14-Sep-01	0600 hrs.	Friday
	ending	21-Oct-01	0600 hrs.	Sunday
	duration	37 Days		

ON WATER BOOMING GROUP

Supervisor: SUPSALV

Note: The Shallow-water Recovery Phase begins when the ROCKWATER 2 has disconnected from the EHIME MARU.

Strategy: The On Water Booming Group will position the US Navy SUPSALV Ocean Boom to contain any oil that may rise to the surface during the removal operations.

Tactic: Position the one thousand feet of USN SUPSALV Ocean Boom down wind and down current of the recovery operations. In the event of a release, move the boom to contain the product. Follow any instructions given by the aerial surveillance group.

Tactic: Deploy Protection Boom in Keehi Lagoon as per the Hawaii Area Plan if required.

Tactic: There will be an additional 2,000 feet of Ocean Boom on standby at the ESSM facility in Pearl Harbor. CIC and PENCO have more than 20,000 feet of additional backup boom if required.

Safety Message:

RESOURCES

Position	Name	Contact	Equipment
Supervisor			1000 ft. of Ocean Oil Boom
Boat Operators			SUPSALV Workboat
Deck Hands			SUPSALV Workboat
Technicians			Anchoring Systems

prepared by:

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**
Phases V, VI: Shallow-water Crewmember Recovery

Operational Period:				
	beginning	14-Sep-01	0600 hrs.	Friday
	ending	21-Oct-01	0600 hrs.	Sunday
	duration	37 Days		

DIVISION "A" EWA BEACH

Supervisor:

Strategy: Ewa Beach is to the West of Pearl Harbor. With the prevailing weather during the Shallow-water Removal phase of the operations, if oil is released, the trajectories indicate the majority of the oil will move parallel to the shoreline and out to open ocean. However, if there is an impact, then a shoreline response will be necessary. Therefore the following tasks will be identified and done if required.

Tactic: Responders will place sorbent sweep along the shoreline to absorb any oil that may wash ashore.

Tactic: Responders will collect any oiled debris from along the shoreline.

Tactic: Establish Zone Control and set up Divisional Personnel Decon Stations. Appropriate warning signs will be posted by the State Department of Health.

Tactic (Night Shift):

Safety Message: Use the required PPE. Be sure to set up proper Personnel Decon Stations and minimize cross contamination. Be aware of heat stress conditions.

RESOURCES

Position	Name	Equipment
Division Supervisor		Oil spill Response Van Flatbed Truck Sorbent Sweep

prepared by: Rusty Nall

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phases V, VI: Shallow-water Crewmember Recovery

Operational Period:				
	beginning	14-Sep-01	0600 hrs.	Friday
	ending	21-Oct-01	0600 hrs.	Sunday
	duration	37 Days		

DISPERSANT APPLICATION GROUP

Supervisor:
CIC Dave Carter

Strategy: The FOSC must authorize the use of dispersants. This Group will only be activated if the FOSC approves use of dispersants. If dispersants are used, a *DISPERSANT PLAN w*ill be developed, coordinated with the Natural Resources trustees and then implemented.

Tactic: The Dispersant Application Bucket System will be on standby at the Clean Islands Council warehouse during the Lift and Transit operations.

Note: No dispersant application at night.

Safety Message:

RESOURCES

Position	Name	Equipment
		Dispersant Helicopter
		Spotter Helicopter
		Observer Helicopter
		Dispersant Bucket No. 1
		Dispersant Bucket No. 2
		Dispersant Trailer

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phases V, VI: Shallow-water Crewmember Recovery

Operational Period:				
	beginning	14-Sep-01	0600 hrs.	Friday
	ending	21-Oct-01	0600 hrs.	Sunday
	duration	37 Days		

WILDLIFE GROUP

Supervisor: Tim Sutterfield or Linda Elliot IBRRC

Strategy: If significant quantities of oil are released, then implement the Wildlife Management Plan

Tactic: If significant quantities of oil are released, then send out observation and capture teams to the rookeries on Oahu. Provide required support as necessary. Coordinate with appropriate natural resource trustees

Tactic: The Bird Stabilization Unit has been set up at an appropriate facility per the Wildlife Management Plan.

Safety Message: Use the required PPE. Be sure to set up proper Personnel Decon Stations and minimize cross contamination. Be aware of heat stress conditions. Be considerate of the local residents, it's their back yard. A neat site is a safe site.

RESOURCES

Position	Name	Equipment
		Bird Stabilization Unit
		Big Boom Truck or Crane
		Tractor Trailer

prepared by:

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** April 28, 2001

18:00 hrs.

Incident Name: **EHIME MARU SPILL RESPONSE** **DRAFT**

Lift and Relocate to Shallow Water

Operational Period:	beginning	14-Sep-01	0600 hrs.	Friday
	ending	21-Oct-01	0600 hrs.	Sunday
	duration	37 Days		

EQUIPMENT DECON GROUP

Supervisor:

Strategy: Generally when responding to diesel fuel oil spills there is no contamination of the vessels hulls. However, Skimmers and Booms must be cleaned prior to returning them to inventory.

Tactic: Establish a vessel decontamination area at the ESSM Facility. The vessels hulls should be wiped with "hand cleaner" to remove the oily film if necessary.

Tactic: All oil boom must be cleaned before returning it to inventory. A boom cleaning station must be set up at the ESSM Facility at Bishop Point, Pearl Harbor.

Safety Message: Use the required PPE. Be sure to set up proper Personnel Decon Stations and minimize cross contamination. Be aware of heat stress conditions. Be considerate of the local residents, it's their back yard. A neat site is a safe site.

RESOURCES

Position	Name	Equipment

prepared by: Rusty Nall

ICS Form 204

DECONTAMINATION PLAN

June 01, 2001
18:00 hrs.

Incident Name: **Ehime Maru Recovery**

DRAFT

Operational Period:	beginning	14-Sep-01	0600 hrs	Friday
	ending	21-Oct-01	0600 hrs	Sunday
	duration	37 Days		

Safety Message: All work is to be performed with consideration for Heat Stress Reduction issues. The Site Safety and Health and Medical plans must be reviewed prior to work.

VESSEL DECONTAMINATION GROUP

Supervisor: Steve Christiansen
USCG Rep: As assigned.

VESSEL DECONTAMINATION

1. Oiled vessels shall be gross decontaminated at the spill site to the greatest extent possible to prevent the spread of contamination from the spill site. Gross decon shall include:
   a. Wipe down exterior hull with sorbent materials (avoid pinch-points).
   b. Wipe down contaminated equipment (on-deck) with sorbent materials.
   c. Wipe down contaminated deck areas with sorbent materials.

2. Shift vessel to Pearl Harbor Decon Staging Area (Pearl Peninsula) or Navy ESSM base at Bishop Point. Vessel shall be immediately boomed (360 degrees) with harbor boom.

3. Unload all contaminated equipment to shore for land-based decon.

4. Using a mild degreasing solution (Simple Green or similar), brush and/or wipe contaminated areas aboard vessel. NOTE: Special care shall be taken to minimize the possibility of liquids leaving the vessel's deck.

5. Rinse vessel with fresh water.

6. Using a mild degreasing solution (Simple Green or similar) on sorbent materials, wipe contaminated areas of external hull.

7. All wastes generated shall be disposed in accordance with the Disposal Plan.

EQUIPMENT DECONTAMINATION

1. Equipment shall be decontaminated within a containment using a mild degreasing solution (Simple Green or similar), followed by a fresh water rinse within the containment.

2. Ocean boom shall be decontaminated using a scaffold system within containment using a mild degreasing solution (Simple Green or similar), followed by a fresh water rinse within the containment.

3. All wastes generated shall be disposed in accordance with the Disposal Plan.

INCIDENT ACTION PLAN

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**
Phase VII, Deep-water Relocation

Date Plan Prepared:	June 01, 2001	Time:	18:00 hrs.	
Operational Period*:	Beginning	21-Oct-01	06:00 hrs.	Sunday
	Ending	30-Oct-01	06:00 hrs.	Tuesday
	Duration	14 days		

* Subject to change based on recovery operation accomplishments

Approvals: FOSC USCG _____

SOSC Hawaii _____

US NAVY Incident Commander _____

This plan has been prepared in accordance with 33 CFR 136 and is consistent with the National Contingency Plan and Hawaii Area Plan for the COTP Honolulu

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Health and Safety Plan
Decanting Approval Letter
Wildlife Management Plan
Public Affairs Plan
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Dispersant Plan

Strategic Objectives for this Operational Period

Phase VII, Deep-water Relocation

October 21 through October 30, 2001

DRAFT

1 Monitor the site for evidence of a release using periodic helicopter overflights.

2 One NAVY skimming system will remain on standby to follow the Crowley Maritime Barge CMC 450-10 to the Deep-water Relocation Site if oil is observed.

3 Establish and maintain a Safety Zone both on the water and in the airspace above.

Note: The Deep Water Relocation Phase will be begin when the Crowley Maritime barge CMD 450 has lifted the EHIME MARU off the seafloor.

ICS Form 202 continued

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phase VII, Deep-water Relocation

Operational Period:	beginning	21-Oct-01	0600 hrs.	Sunday
	ending	30-Oct-01	0600 hrs.	Tuesday
	duration	14 days		

HEALTH & SAFETY GROUP

Supervisor: Teal Cross

Strategies:

1) Assess and evaluate job safety standards throughout operation.

2) Update safety contingencies and procedures as required.

3) Ensure availability of emergency medical care.

4) Ensure adequate personal protective equipment is available and used.

5) Ensure air monitoring equipment is serviceable and available for use as required.

6) Develop Site-specific Spill Health & Safety Plan.

7) Conduct daily safety briefings.

RESOURCES

Position

Supervisor
Hazmat Technician
Hazmat Technician
Hazmat Technician

Equipment

Gastech Multi Meter
Sensidyne Detector Kit
Vehicle

Specialized Personal Protective Equipment

Nomex Suits
SCBA x 2
3/4 Rain Gear
Nitrile Gloves
Rubber Boots

prepared by:

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** 1-Jun-01

18:00 hrs.

Incident Name: **EHIME MARU SPILL RESPONSE** **DRAFT**

Phase VII, Deep-water Relocation

Operational Period:	beginning	21-Oct-01	0600 hrs.	Sunday
	ending	30-Oct-01	0600 hrs.	Tuesday
	duration	14 days		

SECURITY GROUP

Supervisor:

Strategy: During the Deep-water Relocation phase it is not anticipated that security vessels will need to be on site. However, there will be operational requirements for moving Safety Zones to be established. If there is a need, then a USCG Vessel will be dispatched to enforce the moving Safety Zone.

Tactic: The USCG will provide an escort vessel if requested.

Note: The security assignments will be finalized when the NAVY Operations Orders are released.

Safety Message:

RESOURCES

Position	Name	Equipment
		USCG 41 ft. UTB

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phase VII, Deep-water Relocation

Operational Period:				
	beginning	21-Oct-01	0600 hrs.	Sunday
	ending	30-Oct-01	0600 hrs.	Tuesday
	duration	14 days		

SURVEILLANCE GROUP

Supervisor: USN Rep (N3)

Strategy:

Tactic: Periodic overflights will be conducted throughout the transit of EHIME MARU from the Shallow-water Recovery Site to the Deep-water Relocation site, as necessary.

Safety Message:

RESOURCES

Position	Name	Equipment
Air Support Spvr.	N3	Commercial Helicopter

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phase VII, Deep-water Relocation

Operational Period:	beginning	21-Oct-01	0600 hrs.	Sunday
	ending	30-Oct-01	0600 hrs.	Tuesday
	duration	14 days		

ON WATER RECOVERY GROUP

Supervisor: SUPSALV

Strategy: All of the oil that could safely be removed from the EHIME MARU has been recovered. It is anticipated that a minimal amount of oil may remain, therefore a skimming capability will be able to rapidly respond should any oil be released during the Deep-water Relocation Phase.

Tactic: One NAVY SUPSALV Marco Skimmer will be on standby at the ESSM Base, Bishop Point Pearl Harbor during this phase. In the unlikey event that any oil is released, the Navy skimmer will respond to recover to the maximum extent possible any oil that may rise to the surface. The NAVY skimmer system will continue as long as weather conditions will safely permit.

Tactic: The OSRV CLEAN ISLANDS will be on standby at its base at Pier 34, Honolulu Harbor

Safety Message:

RESOURCES

Position	Name	Contact	Equipment
Supervisor			SUPSALV Skimmer 02
Boat Operators			Monarch
Deck Hands			Monarch
Technicians			RHIB Inflatable SUPSALV

prepared by:

Sufficient Sorbent Material

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001
18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**
Phase VII, Deep-water Relocation

Operational Period:				
	beginning	21-Oct-01	0600 hrs.	Sunday
	ending	30-Oct-01	0600 hrs.	Tuesday
	duration	14 days		

ON WATER BOOMING GROUP

Supervisor: SUPSALV

Strategy: To the maximum extent practicable, any residual oil and hazardous materials remaining on Ehime Maru will have been removed and vessel sealed by Navy Divers at the Shallow-water Recovery Site. There is very little likelihood of a spill occurring during this phase.

Tactic: This Group is on standby

Tactic:

Tactic:

Safety Message:

RESOURCES

Position	Name	Contact	Equipment
Supervisor			1000 ft. of Ocean Oil Boom
Boat Operators			SUPSALV Workboat
Deck Hands			SUPSALV Workboat
Technicians			Anchoring Systems

prepared by:

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001
18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**
Phase VII, Deep-water Relocation

Operational Period:				
	beginning	21-Oct-01	0600 hrs.	Sunday
	ending	30-Oct-01	0600 hrs.	Tuesday
	duration	14 days		

DIVISION "A" EWA BEACH

Supervisor:

Strategy: Ewa Beach is to the West of Pearl Harbor. With the prevailing weather during the Shallow-water Removal phase of the operations, if oil is released the trajectories indicate the majority of the oil will move parallel to the shoreline and out to open ocean. However, if there is an impact, then shoreline response will be necessary. Therefore, the following tactics will be identified and done if required.

Tactic: Responders will place sorbent sweep along the shoreline to adsorb any oil that may wash ashore.

Tactic: Responders will collect any oiled debris from along the shoreline.

Tactic: Establish Zone Control and set up Divisional Personnel Decon Stations.

Task (Night Shift):

Safety Message: Use the required PPE. Be sure to set up proper Personnel Decon Stations and minimize cross contamination. Be aware of heat stress conditions.

RESOURCES

Position	Name	Equipment
Division Supervisor		Oil spill Response Van Flatbed Truck Plenty of Sorbent Sweep and Boom

prepared by: Rusty Nall

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phase VII, Deep-water Relocation

Operational Period:				
	beginning	21-Oct-01	0600 hrs.	Sunday
	ending	30-Oct-01	0600 hrs.	Tuesday
	duration	14 days		

DISPERSANT APPLICATION GROUP

Supervisor: CIC Dave Carter

Strategy: The FOSC must authorize the use of dispersants. This Group will only be activated if the FOSC approves use of dispersants. If dispersants are used, a *DISPERSANT PLAN w*ill be developed, coordinated with the Natural Resources trustees and then implemented.

Tactic: The Dispersant Application Bucket System will be on standby at the Clean Islands Council warehouse during the Lift and Transit operations.

Note: No dispersant application at night.

Safety Message:

RESOURCES

Position	Name	Equipment
Supervisor		Dispersant Helicopter
		Spotter Helicopter
		Observer Helicopter
		Dispersant Bucket No. 1
		Dispersant Bucket No. 2
		Dispersant Support Trailer

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** June 01, 2001

18:00 hrs.

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**

Phase VII, Deep-water Relocation

Operational Period:				
	beginning	21-Oct-01	0600 hrs.	Sunday
	ending	30-Oct-01	0600 hrs.	Tuesday
	duration	14 days		

WILDLIFE GROUP

Supervisor:

Strategy: If significant quantities of oil are released, then implement the Wildlife Management Plan

Tactic: If significant quantities of oil are released, then send out observation and capture teams to the rookeries on Oahu. Provide required support as necessary. Coordinate with appropriate natural resource trustees.

Tactic: The Bird Stabilization Unit has been set up at an appropriate facility per the Wildlife Management Plan.

Safety Message: Use the required PPE. Be sure to set up proper Personnel Decon Stations and minimize cross contamination. Be aware of heat stress conditions. Be considerate of the local residents, it's their back yard. A neat site is a safe site.

RESOURCES

Position	Name	Equipment
		Bird Stabilization Unit
		Big Boom Truck or Crane
		Tractor Trailer

prepared by: Rusty Nall

date prepared

ICS Form 204 **FIELD ASSIGNMENTS** April 28, 2001

18:00 hrs.

Incident Name: **EHIME MARU SPILL RESPONSE** **DRAFT**

Phase VII, Deep-water Relocation

Operational Period:				
	beginning	21-Oct-01	0600 hrs.	Sunday
	ending	30-Oct-01	0600 hrs.	Tuesday
	duration	14 days		

EQUIPMENT DECON GROUP

Supervisor:

Strategy: Generally when responding to diesel fuel oil spills there is no contamination of the vessels' hulls. However, skimmers and booms must be cleaned prior to returning them to inventory. Although the majority of the oil has been removed from the EHIME MARU, if any vessels are oiled during the Deep-water Relocation phase.

Tactic: Establish a vessel decontamination area at the ESSM Facility. The vessels hulls should be wiped with "hand cleaner" to remove the oily film if necessary.

Tactic: All oil boom must be cleaned before returning it to inventory. A boom cleaning station must be set up at the ESSM Facility at Bishop Point, Pearl Harbor.

Tactic:

Tactic:

Safety Message: Use the required PPE. Be sure to set up proper Personnel Decon Stations and minimize cross contamination. Be aware of heat stress conditions. Be considerate of the local residents, it's their back yard. A neat site is a safe site.

RESOURCES

Position	Name	Equipment	
Division Supervisor		Vehicle	Radio
PENCO Supervisor		Pick Up Truck	
Vac Truck Operator		Vac Truck	Skim Pak
Vac Truck Operator		Vac Truck	Skim Pak
		Flatbed Truck	
Hand Crew			
Total Day Personnel			
Night Shift			
Supervisor			
Hand Crew			

prepared by: Rusty Nall

ICS Form 204

DECONTAMINATION PLAN

June 01, 2001
18:00 hrs.

Incident Name: **Ehime Maru Recovery** **DRAFT**

Operational Period:				
	beginning	21-Oct-01	0600 hrs	Sunday
	ending	30-Oct-01	0600 hrs	Tuesday
	duration	14 days		

Safety Message: All work is to be performed with consideration for Heat Stress Reduction issues. The Site Safety and Health and Medical plans must be reviewed prior to work.

VESSEL DECONTAMINATION GROUP

Supervisor: Steve Christiansen
USCG Rep: As assigned.

VESSEL DECONTAMINATION

1. Oiled vessels shall be gross decontaminated at the spill site to the greatest extent possible to prevent the spread of contamination from the spill site. Gross decon shall include:
   a. Wipe down exterior hull with sorbent materials (avoid pinch-points).
   b. Wipe down contaminated equipment (on-deck) with sorbent materials.
   c. Wipe down contaminated deck areas with sorbent materials.

2. Shift vessel to Pearl Harbor Decon Staging Area (Pearl Peninsula) or Navy ESSM base at Bishop Point. Vessel shall be immediately boomed (360 degrees) with harbor boom.

3. Unload all contaminated equipment to shore for land-based decon.

4. Using a mild degreasing solution (Simple Green or similar), brush and/or wipe contaminated areas aboard vessel. NOTE: Special care shall be taken to minimize the possibility of liquids leaving the vessel's deck.

5. Rinse vessel with fresh water.

6. Using a mild degreasing solution (Simple Green or similar) on sorbent materials, wipe contaminated areas of external hull.

7. All wastes generated shall be disposed in accordance with the Disposal Plan.

EQUIPMENT DECONTAMINATION

1. Equipment shall be decontaminated within a containment using a mild degreasing solution (Simple Green or similar), followed by a fresh water rinse within the containment.

2. Ocean boom shall be decontaminated using a scaffold system within containment using a mild degreasing solution (Simple Green or similar), followed by a fresh water rinse within the containment.

3. All wastes generated shall be disposed in accordance with the Disposal Plan.

Site Safety and Health Plan

Incident Name:	Ehime Maru Recovery	Operational Period*			
Location:	South shore of Oahu	From:	Date: 1-Aug-01	Time:	06:30 hrs
Group/Division		To:	Date: 30-Oct-01	Time:	06:30 hrs

This is a [x] New Plan [ ] Revised Plan

On-Scene Commander

Name	*company/organization*	*phone/radio*	*operational area*
RADM Klemm	CINCPACFLT		

Site Safety Officer

Name	*company/organization*	*phone/radio*	*operational area*
Teal Cross	PENCO - USN Contractor	808-545-5195	Field Operations

Site Operating Companies

Company name	*Field supervisor*	*phone/radio*	*operational area*
Jimmy Johnson	U.S. Navy SUPSALV	808 284-9930	Offshore Recovery Site
Captain Tim Sawyer	Clean Islands Council	808 536-5814	Offshore Recovery Site

Description of Site: Initially, open ocean offshore of the island of Oahu. Ultimately, the recovery location will be nearshore along the coastline of Oahu.

Locations of Site: Approximately nine miles south east of Oahu. Transiting to the southern nearshore area off of Oahu.

Description of Surrounding Area: Open ocean moving to nearshore coastline of Oahu. The nearshore area is offshore of the Honolulu International Airport.

Description of Surrounding Population: The Honolulu International Airport is an industrial area. Slightly east of this location is the coastal protected waters of Keehi Lagoon, which has recreational and wildlife sensitivities.

Health and PPE Requirement *(matrix on reverse side)*

[x] Outer Gloves	[ ] Face Shield	[x] Site Characterization	[x] Prework Medical	[x] Zone Control
[ ] Inner Gloves	[x] Sun Hat	[ ] Air Purifying Resp.	[ ] 40 Hr. HAZWOPER	[x] Security
[ ] Rubber Boots	[x] Sun tan Lotion	[ ] Supplied Air Resp.	[x] 24 Hr. HAZWOPER	[ ] C/S Ent. Permit
[ ] 2/3 Body Cover	[ ] Taped Leg Joints	[x] Safety Glasses	[x] First Aid Station	[x] Personnel Decon
[ ] Full Body Cover	[x] Hard Hat (Overhead Haz Areas)	[x] Heat Stress Program	[x] Shade Station	[x] USCG Life Vest

Personal Protective Equipment and Heat Stress

Besides training and development of a Site Safety and Health Plan, appropriate selectio and wear of Personal Protective Equipment (PPE) is essential for worker safety. The following matrix is provided to assist the Site Safety Supervisor in using his hazar analysis to determine appropriate PPE and work procedures. No attempt is made to address respiratory protection; normally oil spills do not require use of a respirator

PPE Decision Matrix	Shoreline								Vessel						
Key: R -- Required, S -- Suggested	Sun Exposure	HI Heat Stress > 85	HI Heat Stress > 90	Non Splashing Oil	Splashing Oil	LO Energy Surf Zone	HI Energy Surf Zone	Crane / Rigging Work	Sun Exposure	HI Heat Stress > 85	HI Heat Stress > 90	Non Splashing Oil	Splashing Oil	Working on Vessel	Crane/Rigging Work
High Gauntlet Gloves				R	R		R	R				R	R		
Inner Gloves				S	S		S	S				S	S		
Sun Hat	R			R	R		R		R			R	R		
Sun Screen	R			R	R		R	R	R			R	R		
Sun Glasses	S			S	S		S	S	S			S	S		
Rubber Boots				R	R		R	R				R	R		
Saranex/Vinyl Coverall Bottom				R	R		R	R				R	R		
Saranex / Vinyl Jacket					R								R		
Steel Toe Shoes								R							R
Goggles or Face Shield					R								R		
Work Vest Type Pfd						R		R				R	R	R	R
Hard Hat								R							R
2/3's PPE Coverage		S	S	S						S	S	S			
Staggered Work Shifts		S	R							S	R				
Shade Stations		R	R	S						R	R	S			
Personal Water Bottles		S	R							S	R				
Cooling Vests			S								S				

Operational Objectives

Safety of workers and public.

Site Control

Site Control Description

Site control offshore will consist of vessel safety and area exclusion policies in the event of a a release.

In the event of a shoreline impact the proper zone control will be established as required to prevent cross contamination and public exposure.

Site Control Map (Reference Sketch)

To be developed in the event of a shoreline impact.

Site Security

Requirements

Field response personnel will be required to have 24 hours of HAZWOPER training.

All site workers shall be briefed on the contents of this Safety Plan.

Site Characterization and Monitoring

Exposure Potential:

Diesel fuel and lube oils

Required Characterization Testing:

Initial and periodic testing for total hydrocarbons, benzene, LEL. will be conducted in the event of a release. This will continue until there is no threat of exposure.

Exposure Limits:

Benzene - 0.5 ppm, LEL - 10% of .6% is .06%, Total Hydrocarbon 300 ppm.

Required Monitoring:

In the event of a shoreline impact initial and periodic on-shore, on-water and under piers if visible hydrocarbons are present.

Field Site Characterization Checklist

Date:	Time:

Location:

Offshore Work Site
Offshore of Honolulu International Airport, Oahu, Hawaii

Type of Petroleum Involved:

Diesel fuel with the possibility of lube oils.

Personal Protection Equipment

[x] Outer Gloves	[ ] Face Shield	[x] Site Characterization	[x] Prework Medical	[x] Zone Control
[ ] Inner Gloves	[x] Sun Hat	[ ] Air Purifying Resp.	[ ] 40 Hr. HAZWOPER	[x] Security
[ ] Rubber Boots	[x] Sun tan Lotion	[ ] Supplied Air Resp.	[x] 24 Hr. HAZWOPER	[ ] C/S Ent. Permit
[ ] 2/3 Body Cover	[ ] Taped Leg Joints	[x] Safety Glasses	[x] First Aid Station	[x] Personnel Decon
[ ] Full Body Cover	[x] Hard Hat	[x] Heat Stress Program	[x] Shade Station	[x] USCG Life Vest

Monitoring Equipment

Industrial Scientific TMX -412 (O2/LEL/), Draeger CMS System (Total Hydrocarbons, Benzene)

Lower Exposure Limit (LEL)

10% of 0.6% is 0.06%

LEL = 0.06%

Hydrogen Sulfide (H2S)

None expected

H_2S = 10 ppm

Benzene (TBX)

PPM = 0.5 ppm

Near Site Emergency Response resources

When a person is injured, the Site Safety Officer or other qualified personnel must ...

Notify Site Safety Officer of all injuries. Describe injury, location where injury occurred
If transported - How transported (vessel or helicopter and the landing site and hospital transported to) The Captains of the primary vessels will act as on-water safety officers.
The OSRV Clean Islands will act as Safety Officer for the smaller offshore support vessels in the event of a response.

Standard Procedures for Reporting Emergencies

When calling for assistance in an emergency, provide the following information ...

Location of emergency, description of emergency (e.g. medical, fire)

Ambulance

See medical plan
Water taxis of other available small craft will be used for transporting injured personnel from offshore to nearest location either Pier 14 or the small vessel launch ramp facility located adjacent to the Honolulu Community College Marine Training Center on Sand Island just inside Keehi Lagoon.

Fire Department

911 - City and County of Honolulu Fire Dispatch
471-7117 - Naval Base Pearl Harbor Emergency Dispatch

Oil Spill Response

Oil spill response will be conducted under a ICS/Unified Command management team operating from the Hawaii Oil Spill Response Center.

Hospital / Emergency Medical

See attached medical plan

Hazard Reduction Procedures

Slipping hazard - non skid boots (oil resistant soles)
Where splashing of fuel is likely full saranex or PVC suits must be worn
On-water/near-water - wear PFD
Heat Stress - See heat stress plan

Thermal Stress Reduction Program

Operational Requirements:

Offshore it is not expected that heat stress will be of great concern for normal work activities. In the event of a release and the need for PPE heat stress reduction efforts will be initiated. Supervisory personnel shall monitor workers for signs and symptoms of heat stress.

Rehab stations with liquids to hydrate. Electrolyte drinks perferred.
In the event of shoreline impact, shade tents and cold water to be provided at all Division rest stations. Cold water is to be provided on all work vessels. Supervisors are to monitor workers for heat stress and ensure all workers are drinking adequate amounts of water.
First Aid Station personnel to monitor workers for signs and symptoms of heat stress.
Two thirds PPE is mandatory except in the event of splashing or dripping oil.
In the event dispersants are used see the special conditions of the Dispersant Site Safety Plan.

Contacts List

Important numbers:

See Medical Plan for Emergency Numbers or call 911 Police/Fire/EMS (off base) or 471-7117 (on base Pearl Harbor)

Notification and Distribution

Who should receive a copy of this plan:

IC,all Command Staff, Operations, Logistics, Planning, Finance
Safety
All vessels and All Divisions: A, B, C,D, E
All Decon Stations
Field Ops

Plan Approvals

Plan Prepared by Kim Beasley, Clean Islands Council	*Date*
Navy Incident Commander Rear Admiral Klemm, Commander in Chief, U.S. Pacific Fleet	*Date*
U.S. Coast Guard's Representative Capt. Kanazawa, Federal On-Scene Coordinator	*Date*
State of Hawaii's Representative Curtis Martin	*Date*

ICS Form 206 | Incident Name | date prepared 17-May-01

MEDICAL PLAN **EHIME MARU OIL SPILL RESPONSE**

MEDICAL AID STATIONS	LOCATION	Paramedics YES	Paramedics NO
Division A	As activated		x
Division B	As activated		x
Division C	As activated		x
Nearshore Containment Group	As activated		x

A minimum of two CPR-First Aid-qualified persons shall be on site during all work activities to handle minor injuries and basic first aid care.

Refer to Navy Diving and Salvage Operations Plan for all medical emergencies involving diving operations.

This Medical Plan shall also provide options for medical attention beyond the capabilities of on site first aid as follows:

OFFSHORE TRANSPORTATION

The USCG Search and Rescue Center shall be notified for emergency offshore transportation via helicopter for injuries requiring immediate-emergency medical attention (urgent care required) for transportation to the appropriate medical facility (below). Phone: 1-800-552-6458

An on-site water taxi, tug (or other suitable vessel) may be utilized to transport injured personnel (non-urgent, serious injuries) to Honolulu Harbor. A pier shall be designated as a rendezvous point with a land-based ambulance at the time of transportat

NEARSHORE TRANSPORTATION (Outside of Honolulu International Airport)

On Site

A small craft will be readily available at all times on the job site to transport injured personnel (any medical situation beyond the capabilities of on-site basic first aid) to rendezvous with a land-based ambulance at the Keehi Small Boat Harbor launch ramp, unless otherwise identified. This ambulance shall provide patient transportation to the appropriate medical facility (below). For on-base Pearl Harbor ambulances call 471-7117. For off base ambulances, call 911.

SEE ATTACHED SKETCH FOR THE LOCATION
OF NEARBY EMERGENCY FACILITIES

MEDICAL FACILITIES

Queens Medical Center	1301 Punchbowl Street Honolulu, Hawaii	547-4311	24-Hr Civilian Trauma Center
Tripler Army Medical Center	1 Jarrett White Road Honolulu, Hawaii 96859-5000	433-6629	24-Hr Military Emergency Medical Care
Kuakini Hospital Emergency	347 North Kuakini Street Honolulu, Hawaii	547-9540	24-Hr Civilian Emergency Medical Care
Concentra Medical Center	545 Ohohia Street Honolulu, Hawaii	831-3000	Civilian Occupational Injury Mon-Fri 7:00 am to 5:00 pm

MEDICAL EMERGENCY PROCEDURES

When calling for assistance in an emergency, the following information should be readily available:
--Your Name and Location
--Telephone number at your location
--Type of exposure or injury
--Name of person(s) exposed or injured
--Actions already taken

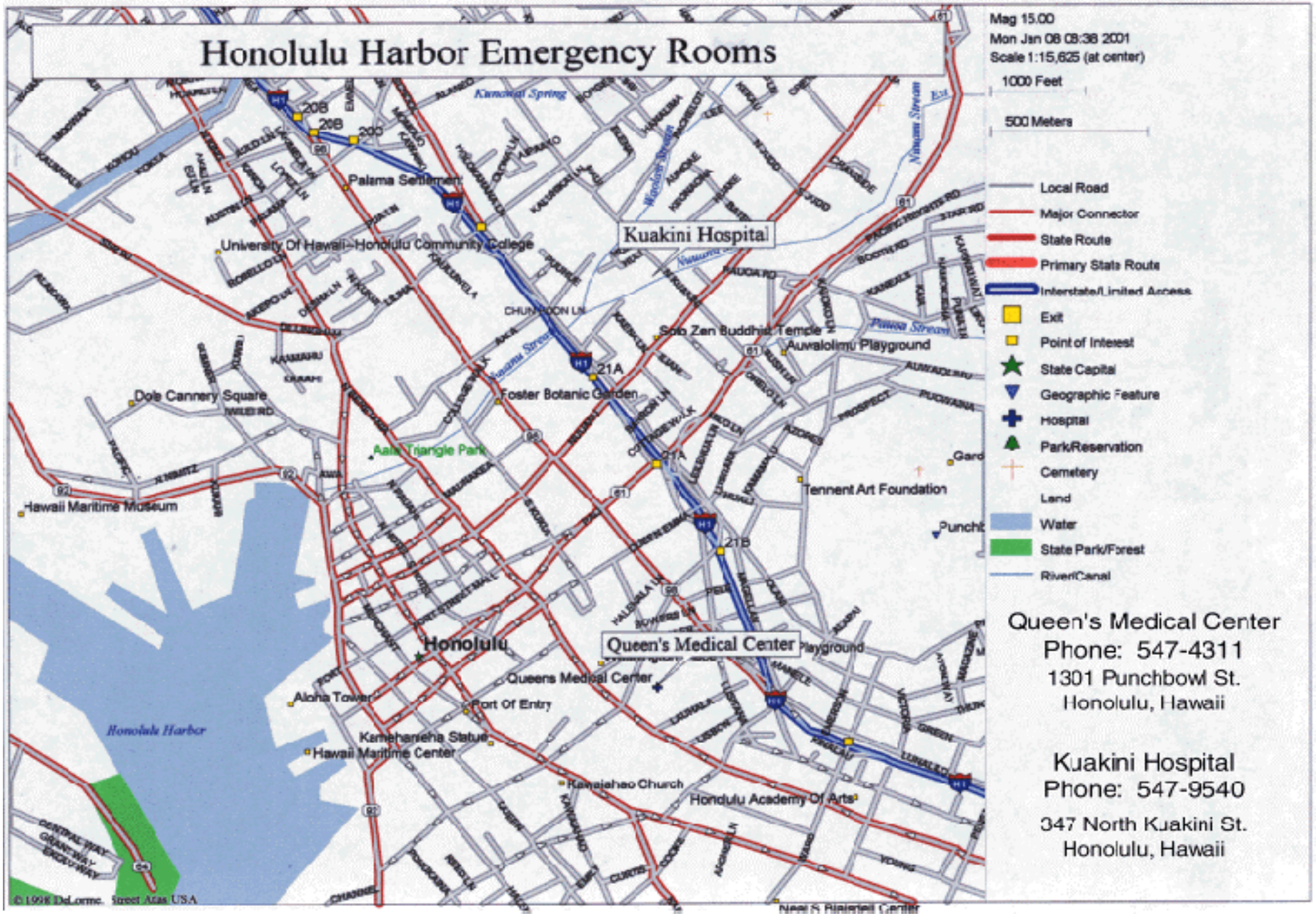
Minor injuries shall be treated on site (Basic First Aid)

For slightly more serious injuries, but the injured person is conscious and able to walk by himself, they may be driven to the nearest medical center by another worker for medical assistence.

For any significant injuries such a broken arm, a cut requiring several stiches, or anything more serious, call 471-7117 (on base Pearl Harbor ambulances) or 911 (off base ambulances) to arrange an ambulance rendezvous for medical attention at the appropriate medical facility (above). Emergency Medical Technicians from the ambulance shall identify the appropriate medical facility.

Report all injuries to the Safety Officer and Field Operations Division or Group Surpervisors

Honolulu Harbor Emergency Rooms



Letter of Request

To: Federal On-Scene Coordinator
State On-Scene Coordinator

Fm: United States Navy

Subj: APPROVAL OF DECANTING DURING THE RELOCATION OF THE EHIME MARU

1. Situation: Consideration is currently being given to relocating the F/V Ehime Maru to shallow waters Oahu. There is a potential for some release of oil from the wrecked vessel. Preparations are being made to have a response posture in readiness in the event oil recovery is required. In such an event, it is reasonable to anticipate that a high percentage of water versus oil would be recovered. To maximize our offshore storage capacity as well as encourage aggressive recovery of free-floating oils, we request permission to decant in accordance with Section 3000 of the Hawaiian Area Contingency Plan.

2. The following stipulated criteria would be met.

    a. All decanting will be done offshore in the designated "response area" directly in front of the OSRV collection system.

    b. Visual monitoring of the decanting process will be maintained throughout the decanting process. An immediate ability to stop the process is in place.

3. We are asking the approval of Unified Command to decant under the described circumstances in accordance with the Hawaiian Area Contingency Plan and in a manner described above.

_____
Federal On Scene Coordinator

_____
State On Scene Coordinator

Oiled Wildlife Management Plan

23-May-01

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**
All Phases

Originating Section: Planning - Environmental

Operational Period:				
	Beginning	1-Aug-01	06:00	Wednesday
	Ending	31-Oct-01	06:00	Wednesday
	Duration	90 days		

Safety Message: When handling wildlife, adequate arm and eye protection is required. Follow all applicable OSHA standards when establishing utilities to any facilities. Maintain proper construction safety practices during construction activities.

Branch: Wildlife

Supervisor: Tim Sutterfield/Steve Smith
USCG Rep:

Strategy: Be prepared to respond/manage/coordinate any oiled wildlife that may occur in association with any oil released from the Ehime Maru Recovery operations.

Tactic: Identify the resources required and available to respond to an oiled wildlife incident.

Tactic: Develop the 204's to be initiated in response to an oiled wildlife incident.

Tactic: Coordinate collection of bird feathers, fur, etc from wildlife for oil fingerprinting by USCG, if oiled wildife are observed in area and observed to encounter any oil

RESOURCES

Position	Name	Organization
Wildlife Branch Manager	Tim Sutterfield/Steve Smith	U.S. Navy
State of Hawaii Wildlife Response Manager and DVM	Dr. Greg Massey	State of Hawaii DOFAW
IBRRC Hawaii Manager	Ms Linda Elliott	IBRRC

prepared by: Signature:

Report all oiled, injured or dead wildlife to the Wildlife Branch Director. **DRAFT**

RESPONSE ELEMENTS

In the event oiled wildlife response is necessary, the management program includes the six basic response elements. They are:

1 Sightings and Notification
2 Search, Capture and Collection
3 Stabilization
4 Removing the Oil - Cleaning and Drying
5 Rehabilitation
6 Wildlife Release Protocol

These steps apply generally, however, species specific characteristics may increase or decrease the importance of individual procedures. Species of significance include, but are NOT limited to threatened and endangered birds, marine mammals and sea turtles. Offshore species include marine mammals and migratory birds.

Although the response program will include the six basic elements of oiled wildlife response. The initial activities will include search and capture teams to look for oiled wildlife in the event of a release.

1. SIGHTINGS AND NOTIFICATIONS

All sighting of impacted wildlife are to be reported immediately to the Wildlife Branch Director. (See Communications Plan (ICS 205) within the project Incident Action Plan). The Wildlife Branch Director will follow up and be responsible for notification to the appropriate federal and state natural resource trustees.

a. Dead Animals

Any dead animals in the spill and adjacent sites should be reported in the same way as impacted live animals as listed above. All carcasses collected should be labeled with the time, location, person collecting and the chain-of-custody form will accompany each dead animal. (See attached form)

Bird carcasses should be placed in paper bags or wrapped completely in aluminum foil, then covered with a plastic bag and placed on ice or in a refrigerated container until a necropsy can be performed by a qualified and trustee approved specialist.

Large turtle or marine mammal carcasses should be secured and remain *in situ* until a Resource Trustee collects the appropriate diagnostic samples and takes charge of the remains.

Animals will be necropsied by qualified and natural resource trustee approved specialists in order to determine the cause of death. Custody of dead animals will be relinquished to Resource Trustees (USF&W, State, HI DLNR, NOAA) as required. The Hawaii Oil Spill Response Center has an approved evidence storage unit.

Dead oiled wildlife should be given due priority to insure they are properly recovered in a timely manner to prevent other wildlife from feeding on the body. Preferably the body will be stored/transported in a chilled container such as an styrofoam cooler with ice.

2. SEARCH AND CAPTURE

DRAFT

A Capture and Retrieval Group with multiple teams will be initiated after notification of an oil release impacting wildlife. These teams will work to locate impacted wildlife and attempt to recover oiled wildlife for care. Observations will be made at the spill site, and as appropriate, at known population and nesting sites. If oiled wildlife is discovered and determined to be a result of any oil released from the Ehime Maru Recovery operation, more remote survey, capture and retrieval efforts may be undertaken. Observation at the recovery sites will determine whether additional observations will be required at known population and nesting sites.

Search and capture of oiled wildlife should only be done by trained personnel and in coordination with natural resource trustees per the Hawaiian Area Contingency Plan. For planning purposes, search and collection teams should each have 2 personnel (I.e. one IBRRS rep and one trustee).

If deemed appropriate after consultation with federal and state natural resource trustees, hazing techniques may be used to discourage animals from entering the oil release area. A hazing equipment use agreement has been established with the U.S. Dept of Agriculture, Wildlife Services Department that can be utilized through Clean Islands Council.

a. Oiled Birds

Search and capture of oiled birds must be done by permitted and trained personnel or the appropriate natural resource trustees.

* US Fish and Wildlife Service Contacts: Don Palawski, Kevin Foster or Beth Flint (808) 541-2749.
* Hawaii Department of Land and Natural Resources Oiled Wildlife Coordinator: Dr. Greg Massey, 808-572-3502.

Guidance for oiled bird collection, stabilization and transport is provided in Attachment 4.

b. Marine Mammals and Sea Turtles

Search and capture of marine mammals and sea turtles must be done by authorized and trained personnel or the appropriate natural resource trustees.

* NOAA - National Marine Fisheries Service Contacts: Margaret Dupree, John Henderson Bradley Ryon at (808) 973-2953, ext 210 or 973-2937 or 753-0341.
* Hawaii Department of Land & Natural Resources Aquatic Resources Division: Francis Oishi, 808-587-0094.

3. STABILIZATION

Stabilization facilities will be in accordance with the Hawaiian Area Plan and is usually established on a case by case basis and in coordination with the appropriate federal and state natural resource trustees. Requirements for an oiled bird stabilization facility are given in the Hawaiian Area Contingency Plan under the heading of "Primary Care Facility."

a. Oiled Birds

In this case, there is a potential for a release, the CIC oiled bird stabilization trailer will be available should oiled birds be identified as a result of the Ehime Maru recovery operation. A plan of the stabilization

DRAFT

unit is attached. If oiled birds are detected, a stabilization facility will immediately become operational and available to service affected wildlife for the first 24-48 hours after capture.

* For oiled birds discovered at the nesting sites at and around Marine Corps Base Kaneohe, a possible location for the stabilization module is at the MCBH- Kaneohe Bay, Environmental Office Base Yard.
* Other possible locations for the stabilization facility within the Pearl Harbor Naval Complex will be identified in coordination with IBRRC.

b. Marine Mammals and Sea Turtles

In the event marine mammals and or sea turtles are oiled, all capture, stabilization, and rehabilitation action shall be done in consultation with the appropriate natural resource trustees (identified under 2. Stabilization) Although the Hawaii Area Contingency Plan has limited guidance on stabilization and rehabilitation procedures, facilities or equipment/supply support needs, it does identify availability of NOAA-NMFS tanks at Kewalo Basin, Oahu. In addition, IBRRC has access to technical experts for stabilization and rehabilitation of marine mammals and sea turtles.

4 & 5. CLEANING AND REHABILITATION

Cleaning and rehabilitation activities will be in accordance with the Hawaiian Contingency Area Plan. The scale & type of facility will be developed on a species-specific, case by case basis. Facility requirements vary based on the numbers and the species of oiled wildlife discovered. Cleaning and rehabilitation facilities should be operational and available to service collected oiled wildlife from 24-48 hours after capture. When established, the cleaning and rehabilitation facility will operate under the direction the Wildlife Branch Director in coordination with IBRRC and the appropriate involved federal and state natural resource trustees.

a. Oiled Birds

In the event that oiled birds are found, they should be brought to the Stabilization Facility. Further, development of a cleaning capability and rehabilitation facilities may also need to be stood up.

* For oiled birds discovered at the nesting sites at and around Marine Corps Base Kaneohe, possible location for the stabilization module is at the MCBH- Kaneohe Bay, Environmental Office Base Yard.
* Other possible locations for cleaning and rehabilitation facilities within the Pearl Harbor Naval Complex will be identified based on input from USFWS and HI DLNR Wildlife Coordinator.

b. Marine Mammals and Sea Turtles

In the event marine mammals and or sea turtles are oiled, all capture, stabilization and rehabilitation action shall be done in consultation with the appropriate natural resource trustees (identified under 2. Stabilization) Although the Hawaiian Area Contingency Plan has limited guidance on stabilization and rehabilitation procedures, facilities or equipment/supply support needs, it does identify availability of NOAA-NMFS tanks at Kewalo Basin, Oahu. In addition, IBRRC has access to technical experts for stabilization and rehabilitation of marine mammals and sea turtles.

6. WILDLIFE RELEASE PROTOCOL

Release activities will be in accordance with the Hawaiian Contingency Area Plan. The wildlife release protocol will be developed by the Wildlife Branch Director (with support by IBRRC) and approved by the appropriate natural resource trustees. For marine mammal and sea turtles, NOAA Fisheries protocols and authorizations would be followed.

ICS Form 204 **FIELD ASSIGNMENTS** 23-May-01

DRAFT

Incident Name: **EHIME MARU OIL SPILL RESPONSE**
All Phases

Originating Section: Planning - Environmental

Operational Period:				
	Beginning	1-Aug-01	06:00	Wednesday
	Ending	31-Oct-01	06:00	Wednesday
	Duration	90 days		

Safey Message: When handling wildlife, adequate arm and eye protection is required. Follow all applicable OSHA standards when establishing utilities to any facilities. Maintain proper construction safety practices during construction activities.

CAPTURE AND RECOVERY GROUP

Supervisor: Tim Sutterfield/Steve Smith
Linda Elliot - IBRRC

Strategy: Group is activated if significant quantities of oil is released and wildlife impacted based on observation of natural resource trustees. This group would then establish search and capture teams, as required, to look for oiled wildlife.

Task: Identify appropriate trained personnel to monitor the oil response site.

Task: Identify appropriate trained personnel to monitor the normal nesting, haul out, and loafing sites as needed and if appropriate.

Task: Incorporate sample check in/check out and storage protocol per guidelines received by US Fish and Wildlife and HI DLNR.

RESOURCES

Position	Name	Equipment
Appropriate Trustees and Refuge personnel as applicable.		One vehicle (covered) required for each search and capture team
Assistants		
IBRRC and State		Area dependent
State and Federal Trustees		Capture equipment available from State and CIC

prepared by: Signature: _____

ICS Form 204 **FIELD ASSIGNMENTS** 23-May-01

DRAFT

Incident Name: **EHIME MARU OIL SPILL RESPONSE**
All Phases

Originating Section: Planning - Environmental

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Safey Message: When handling wildlife, adequate arm and eye protection is required. Follow all applicable OSHA standards when establishing utilities to any facilities. Maintain proper construction safety practices during

STABILIZATION GROUP

Supervisor: Linda Elliot
State DVM Dr. Greg Massey

TASKS:

1. Stand up the Clean Islands Council Oiled Bird Stabilization Module, as required. See attached Sketch. Stand up of this module means providing electricity and water. Unit will not be manned unless oiled birds are discovered.

2. Coordinate with selected site managers to determine facility location and develop utilities.

3. Further establish Cleaning and Rehabilitation facilities in the event of oiled wildlife, as required.

4. Breakdown, restore and store the facilities upon completion of the project.

RESOURCES

Position	Name		Equipment
Stabilization Unit	Linda Elliot	IBRRC	24 foot Stabilization Container - CIC (See attached Sketch)
State Veteranarian	Dr. Greg Massey	State DOFAW	
Treatment Specialist		IBRRC	
Assistants	Stanley Souza	PENCO	
Construction Leader	Paul Pollack	CIC	

Assistance provided by PENCO and Metson Marine

prepared by: Signature: _____

ICS Form 204 **FIELD ASSIGNMENTS** 23-May-01

DRAFT

Incident Name: **EHIME MARU OIL SPILL RESPONSE**
All Phases

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Operational Period:				
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Safey Message: When handling wildlife, adequate arm and eye protection is required. Follow all applicable OSHA standards when establishing utilities to any facilities. Maintain proper construction safety practices during

REHABILITATION GROUP

Supervisor: Linda Elliot, IBRRC
State DVM Dr. Greg Massey

TASKS:

1. Stand up oiled wildlife rehabilitation facilities, as required and in coordination with appropriate wildlife trustees. Clean Islands Council and State have worked together to construct water conditioner units for cleaning oiled birds.

2. Coordinate with selected site managers to determine facility location and develop utilities.

3. Properly handle, store and dispose of all waste and debris.

4. Breakdown, restore and store the facilities upon completion of the project.

RESOURCES

Position	Name		Equipment
Rehabilitaion Unit	Linda Elliot	IBRRC	Facility specifications and supplies for long term oiled bird faclities found in the Honolulu Area Plan. Additional information can be provided by IBRRC.
State Veteranarian	Dr. Greg Massey	State DOFAW	
Treatment Specialist	Ms Linda Elliott	IBRRC	
Assistants	Stanley Souza	PENCO	

prepared by: Signature: _____

DEPARTMENT OF THE INTERIOR
U.S. FISH AND WILDLIFE SERVICE
DIVISION OF LAW ENFORCEMENT

CHAIN OF CUSTODY RECORD

FILE NO.
INV.

DATE AND TIME OF SEIZURE:	REGION	EVIDENCE/PROPERTY SEIZED BY:

SOURCE OF EVIDENCE/PROPERTY (person and/or location)	CASE TITLE AND REMARKS:
☐ TAKEN FROM: ☐ RECEIVED FROM: ☐ FOUND AT: At the time of the tone it will be one in the morningl.	

ITEM NO.	DESCRIPTION OF EVIDENCE/PROPERTY (include Seizure Tag Numbers and any serial numbers):

ITEM NO.	FROM: (PRINT NAME, AGENCY)	RELEASE SIGNATURE:	RELEASE DATE:	DELIVERED VIA:
	Kim Beasley		Sept. 9 2000	☐ U.S. MAIL ☐ IN PERSON ☐ OTHER:
ITEM NO.	FROM: (PRINT NAME, AGENCY)	RECEIPT SIGNATURE:	RECEIPT DATE:	
ITEM NO.	FROM: (PRINT NAME, AGENCY)	RELEASE SIGNATURE:	RELEASE DATE:	DELIVERED VIA:
				☐ U.S. MAIL ☐ IN PERSON ☐ OTHER:
ITEM NO.	FROM: (PRINT NAME, AGENCY)	RECEIPT SIGNATURE:	RECEIPT DATE:	
ITEM NO.	FROM: (PRINT NAME, AGENCY)	RELEASE SIGNATURE:	RELEASE DATE:	DELIVERED VIA:
				☐ U.S. MAIL ☐ IN PERSON ☐ OTHER:
ITEM NO.	FROM: (PRINT NAME, AGENCY	RECEIPT SIGNATURE:	RECEIPT DATE:	

☐ **ADDITIONAL TRANSFERS ON REVERSE SIDE**

CHAIN OF CUSTODY RECORD
(continued)

FILE NO.
INV.

ITEM NO.	FROM: (PRINT NAME, AGENCY)	RELEASE SIGNATURE:	RELEASE DATE:	DELIVERED VIA: ☐ U.S. MAIL ☐ IN PERSON ☐ OTHER:
ITEM NO.	FROM: (PRINT NAME, AGENCY)	RECEIPT SIGNATURE:	RECEIPT DATE:	
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U.S. GOVERNMENT PRINTING OFFICE : 1992 O - 326-777 : QL 3

HAWAI'I
OILED BIRD COLLECTION, STABILIZATION & TRANSPORTATION

STANDARD OPERATING PROCEDURES

For trained and qualified personnel only.

COLLECTION

Do not risk personal health and safety in an attempt to capture oiled birds.

1. Prior to beginning collection efforts, check in with Wildlife Branch Director Supervisor. Consult with IBRRC as necessary.
2. Work in teams of 2 or more individuals using proper capture equipment and procedures for each species of bird to be collected.
3. Begin chain of custody using an approved form.
4. Transport as soon as possible to a stabilization site.
5. As soon as possible, notify ICS/Wildlife Branch Director of species, number and condition of birds collected. If possible, provide hourly updates from the field.

STABILIZATION

1. Check birds for injuries, stop any bleeding, and/or stabilize any fractures. Consult with the response veterinarian/center.
2. If heavily oiled, remove large amounts of oil from eyes, nares, & glottis.
3. If transport time will exceed 2 hours, then rehydrate birds using warm electrolyte solution (e.g., Pedialyte: 30cc/kg of body weight) via gavage tube before beginning transport.
4. Observe birds for signs of hypo- or hyperthermia. If a problem is suspected, take cloacal temperature (n. 102 – 106F). Treat accordingly by providing heat (e.g., hand warmers, hot water bottles), or by cooling (e.g., swabbing the feet and legs with isopropyl alcohol) and providing ventilation.
5. Place birds in approved containers with one animal per container (e.g., airline travel kennel, pet carrier or cardboard box). Place containers in a well-ventilated, quiet, warm, and darkened area. Each container should have lots of ventilation openings with enough space between all containers for air to circulate. The container should be large enough for a bird to comfortably stand upright (approx. twice the size of the animal). The bottom of the container should be well padded with sheets, towels, or absorbent pads. Minimize visual and auditory stresses.
6. Maintain a written record of any treatment provided or important behavioral observations. Note date, time, and your name and address on record. Send record and chain of custody form with each bird during transport.

TRANSPORTATION

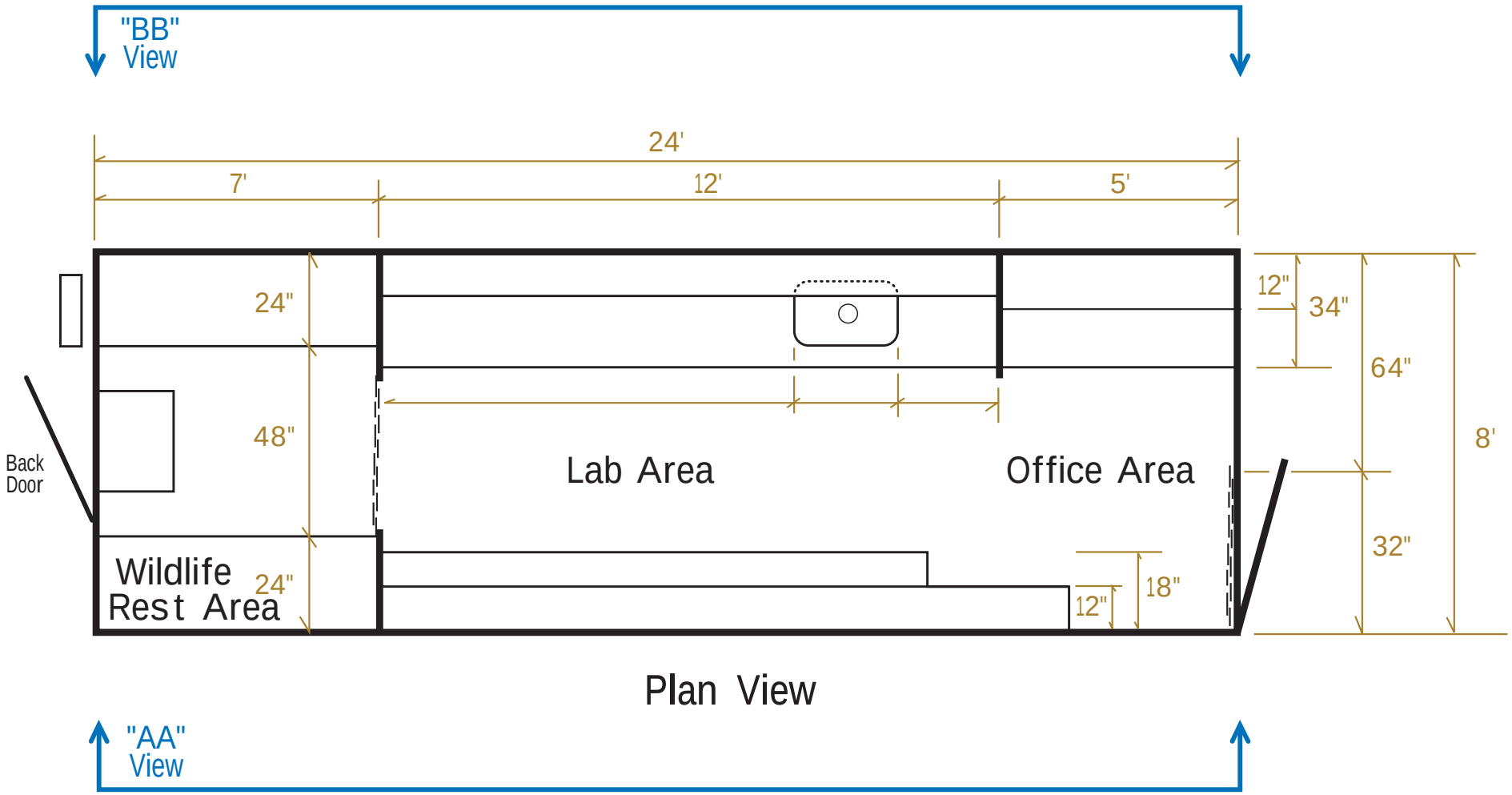
1. Keep length of transport to a minimum.
2. Transport in a well-ventilated vehicle to ensure the protection of humans and animals from volatile fumes. Maintain a warm temperature (~75-80F) within the vehicle, dry birds require cooler temperatures than do wet birds.
3. Do not leave wildlife unattended even if vehicle is air conditioned, and especially in direct sunlight.
4. Do not transport with water or food in any type of receptacle.
5. Attach address and telephone number of Wildlife Response Facility.
6. Provide a visual barrier on cage door and openings. Shade cloth/screening or a single sheet of newspaper taped around the edge works well. Cardboard, plastic or duct tape does not permit sufficient airflow. (See stabilization #4 for further description of appropriate containers.)
7. Keep noise levels to a minimum (e.g., talking, music).
8. Whenever possible, monitor the condition of birds during transport - especially on trips exceeding an hour.

INTERISLAND/COMMERCIAL TRANSPORT

1. All animals must pass agricultural inspection prior to transport. Containers must be labeled with a signed inspection sticker.
2. Clearly label containers: “CAUTION! LIVE BIRD: Handle carefully and keep away from face.”
3. Notify personnel at the Wildlife Response Facility via phone call or facsimile of flight number, scheduled arrival time, number and type of birds being shipped.
4. If a bird's condition deteriorates during transport, call the response veterinarian/center immediately.

RESPONDER CHECKLIST:

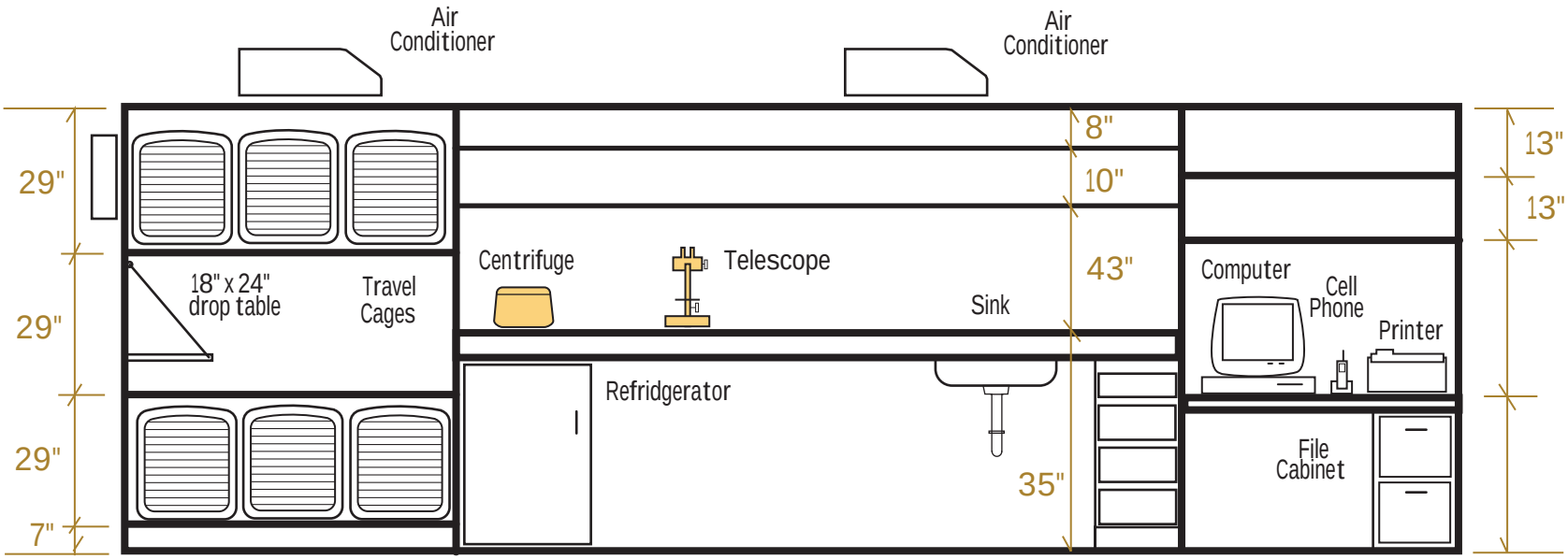
REQUIRED	RECOMMENDED
❑ Safety and Site Orientation Meeting ❑ MSDS or Assay of spilled product ❑ HAZWOPR certification ❑ Personal Identification card ❑ PPE – Personal Protective Equipment: coveralls, boots, gloves ❑ Chain of Evidence Forms ❑ Cellular phone or 2 way radio ❑ Phone list: ICS, Wildlife Branch Director, Wildlife Recovery Group Supervisor, Stabilization and Rehabilitation Facility Managers ❑ Field Log Book & Pen/pencil ❑ Capture net ❑ Towel ❑ 2-3 Large Pillow Cases ❑ Garbage bags ❑ Duct tape ❑ Marker ❑ Scissors, pocket knife ❑ Airline kennels, pet carriers, or boxes ❑ A Partner ❑ Knowledge of stabilization site and /or transportation logistics to wildlife center ❑ Training in and knowledge of proper capture, handling & stabilization procedures for each species ❑ Stabilization supplies: Pedialyte, 60cc catheter tip syringe, catheter/feeding tube, thermometer & sterile lubricant, gauze pads, swabs, alcohol, medical tape and/or elastic bandage material (e.g., vetwrap). ❑ Large cooler with ice	❑ Maps of area ❑ PPE: Sunscreen, hat, water, sunglasses, safety glasses/goggles, life-vest (for surf zone, boats) ❑ Backpack or something similar ❑ Binoculars ❑ Fieldguide/wildlife ID cards ❑ First Aid Kit ❑ Wristwatch ❑ Camera ❑ Search, collection, & stabilization protocols



Oiled Wildlife Stabilization Unit

Sketch 1 of 3

CLEAN ISLANDS COUNCIL

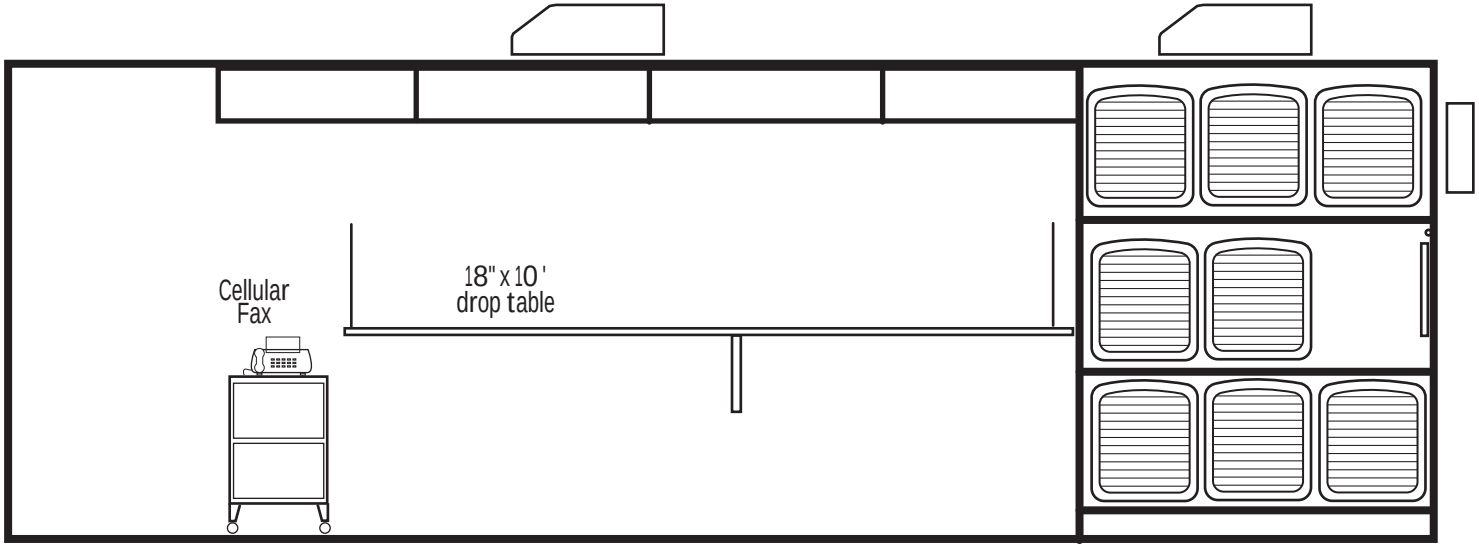


Elevation - "AA" View

Oiled Wildlife Stabilization Unit

Sketch 2 of 3

CLEAN ISLANDS COUNCIL



"BB" View Elevation

Oiled Wildlife Stabilization Unit

Sketch 3 of 3

CLEAN ISLANDS
COUNCIL

PUBLIC AFFAIRS

31-May-01

All media inquiries should be referred to the Pacific Fleet Public Affairs at (808) 471-3769. Point of contact is Mr. Jon Yoshishige, Fleet Media Officer.

Public Affairs Plan to be developed.

Oiled Wildlife Management Plan

23-May-01

Incident Name: **EHIME MARU OIL SPILL RESPONSE** **DRAFT**
All Phases

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Branch: Wildlife

Supervisor: Tim Sutterfield/Steve Smith
USCG Rep:

Strategy: Be prepared to respond/manage/coordinate any oiled wildlife that may occur in association with any oil released from the Ehime Maru Recovery operations.

Tactic: Identify the resources required and available to respond to an oiled wildlife incident.

Tactic: Develop the 204's to be initiated in response to an oiled wildlife incident.

Tactic: Coordinate collection of bird feathers, fur, etc from wildlife for oil fingerprinting by USCG, if oiled wildife are observed in area and observed to encounter any oil

RESOURCES

Position	Name	Organization
Wildlife Branch Manager	Tim Sutterfield/Steve Smith	U.S. Navy
State of Hawaii Wildlife Response Manager and DVM	Dr. Greg Massey	State of Hawaii DOFAW
IBRRC Hawaii Manager	Ms Linda Elliott	IBRRC

prepared by: Signature:

2. SEARCH AND CAPTURE

DRAFT

A Capture and Retrieval Group with multiple teams will be initiated after notification of an oil release impacting wildlife. These teams will work to locate impacted wildlife and attempt to recover oiled wildlife for care. Observations will be made at the spill site, and as appropriate, at known population and nesting sites. If oiled wildlife is discovered and determined to be a result of any oil released from the Ehime Maru Recovery operation, more remote survey, capture and retrieval efforts may be undertaken. Observation at the recovery sites will determine whether additional observations will be required at known population and nesting sites.

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If deemed appropriate after consultation with federal and state natural resource trustees, hazing techniques may be used to discourage animals from entering the oil release area. A hazing equipment use agreement has been established with the U.S. Dept of Agriculture, Wildlife Services Department that can be utilized through Clean Islands Council.

a. Oiled Birds

Search and capture of oiled birds must be done by permitted and trained personnel or the appropriate natural resource trustees.

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* Hawaii Department of Land and Natural Resources Oiled Wildlife Coordinator: Dr. Greg Massey, 808-572-3502.

Guidance for oiled bird collection, stabilization and transport is provided in Attachment 4.

b. Marine Mammals and Sea Turtles

Search and capture of marine mammals and sea turtles must be done by authorized and trained personnel or the appropriate natural resource trustees.

* NOAA - National Marine Fisheries Service Contacts: Margaret Dupree, John Henderson Bradley Ryon at (808) 973-2953, ext 210 or 973-2937 or 753-0341.
* Hawaii Department of Land & Natural Resources Aquatic Resources Division: Francis Oishi, 808-587-0094.

3. STABILIZATION

Stabilization facilities will be in accordance with the Hawaiian Area Plan and is usually established on a case by case basis and in coordination with the appropriate federal and state natural resource trustees. Requirements for an oiled bird stabilization facility are given in the Hawaiian Area Contingency Plan under the heading of "Primary Care Facility."

a. Oiled Birds

In this case, there is a potential for a release, the CIC oiled bird stabilization trailer will be available should oiled birds be identified as a result of the Ehime Maru recovery operation. A plan of the stabilization

DRAFT

unit is attached. If oiled birds are detected, a stabilization facility will immediately become operational and available to service affected wildlife for the first 24-48 hours after capture.

* For oiled birds discovered at the nesting sites at and around Marine Corps Base Kaneohe, a possible location for the stabilization module is at the MCBH- Kaneohe Bay, Environmental Office Base Yard.
* Other possible locations for the stabilization facility within the Pearl Harbor Naval Complex will be identified in coordination with IBRRC.

b. Marine Mammals and Sea Turtles

In the event marine mammals and or sea turtles are oiled, all capture, stabilization, and rehabilitation action shall be done in consultation with the appropriate natural resource trustees (identified under 2. Stabilization) Although the Hawaii Area Contingency Plan has limited guidance on stabilization and rehabilitation procedures, facilities or equipment/supply support needs, it does identify availability of NOAA-NMFS tanks at Kewalo Basin, Oahu. In addition, IBRRC has access to technical experts for stabilization and rehabilitation of marine mammals and sea turtles.

4 & 5. CLEANING AND REHABILITATION

Cleaning and rehabilitation activities will be in accordance with the Hawaiian Contingency Area Plan. The scale & type of facility will be developed on a species-specific, case by case basis. Facility requirements vary based on the numbers and the species of oiled wildlife discovered. Cleaning and rehabilitation facilities should be operational and available to service collected oiled wildlife from 24-48 hours after capture. When established, the cleaning and rehabilitation facility will operate under the direction the Wildlife Branch Director in coordination with IBRRC and the appropriate involved federal and state natural resource trustees.

a. Oiled Birds

In the event that oiled birds are found, they should be brought to the Stabilization Facility. Further, development of a cleaning capability and rehabilitation facilities may also need to be stood up.

* For oiled birds discovered at the nesting sites at and around Marine Corps Base Kaneohe, possible location for the stabilization module is at the MCBH- Kaneohe Bay, Environmental Office Base Yard.
* Other possible locations for cleaning and rehabilitation facilities within the Pearl Harbor Naval Complex will be identified based on input from USFWS and HI DLNR Wildlife Coordinator.

b. Marine Mammals and Sea Turtles

In the event marine mammals and or sea turtles are oiled, all capture, stabilization and rehabilitation action shall be done in consultation with the appropriate natural resource trustees (identified under 2. Stabilization) Although the Hawaiian Area Contingency Plan has limited guidance on stabilization and rehabilitation procedures, facilities or equipment/supply support needs, it does identify availability of NOAA-NMFS tanks at Kewalo Basin, Oahu. In addition, IBRRC has access to technical experts for stabilization and rehabilitation of marine mammals and sea turtles.

6. WILDLIFE RELEASE PROTOCOL

Release activities will be in accordance with the Hawaiian Contingency Area Plan. The wildlife release protocol will be developed by the Wildlife Branch Director (with support by IBRRC) and approved by the appropriate natural resource trustees. For marine mammal and sea turtles, NOAA Fisheries protocols and authorizations would be followed.

ICS Form 204

OILY WASTE DISPOSAL PLAN

23-May-01
18:00 hrs

Incident Name: **Ehime Maru Recovery**
Common Contents and Field Assignments all Phases

Originating Section:	PLANNING - ENVIRONMENTAL		Branch:	Shoreline
Operational Period:	beginning	1-Aug-01	0600 hrs	Wednesday
	ending	3-Nov-01	0600 hrs	Sunday
	duration	93 days		

(* Subject to change based on recovery operation accomplishments)

Safey Message: All work is to be performed with consideration for Heat Stress Reduction issues. The Site Safety and Health and Medical plans must be prior to work.

Group: Disposal

Supervisor: Steve Christiansen
USCG Rep: As assigned.

LIQUID WASTES

1. All liquid waste collected from applicable locations shall be analyzed to determine the nature of the chemical makeup of the contaminant for documentation purposes and to determine proper disposal procedures

2. All liquid collectate is to be quantified either by weight or volume prior to disposal.

3. Disposal shall be in accordance with all Federal and State Regulations. Navy Public Works Center Pearl Harbor will disposal of all oil/fuel and hazardous waste. Local hazardous waste disposal companies will be used for disposal only if needed.

SOLID WASTES INCLUDING OILY BOOMS/ABSORBENT PADS/POM-POMS

1. All solid wastes collected from applicable locations shall be analyzed to determine the nature of the chemical makeup of the contaminant for documentation purposes and to determine proper disposal. (Note: liquid analyzed from the same source may apply)

2. Separate all waste streams keeping like materials together - and apart from other waste types.

3. Field storage of oily sorbents shall be in lined roll-off open top containers or similar holder in accordance with all Federal and State Regulations.

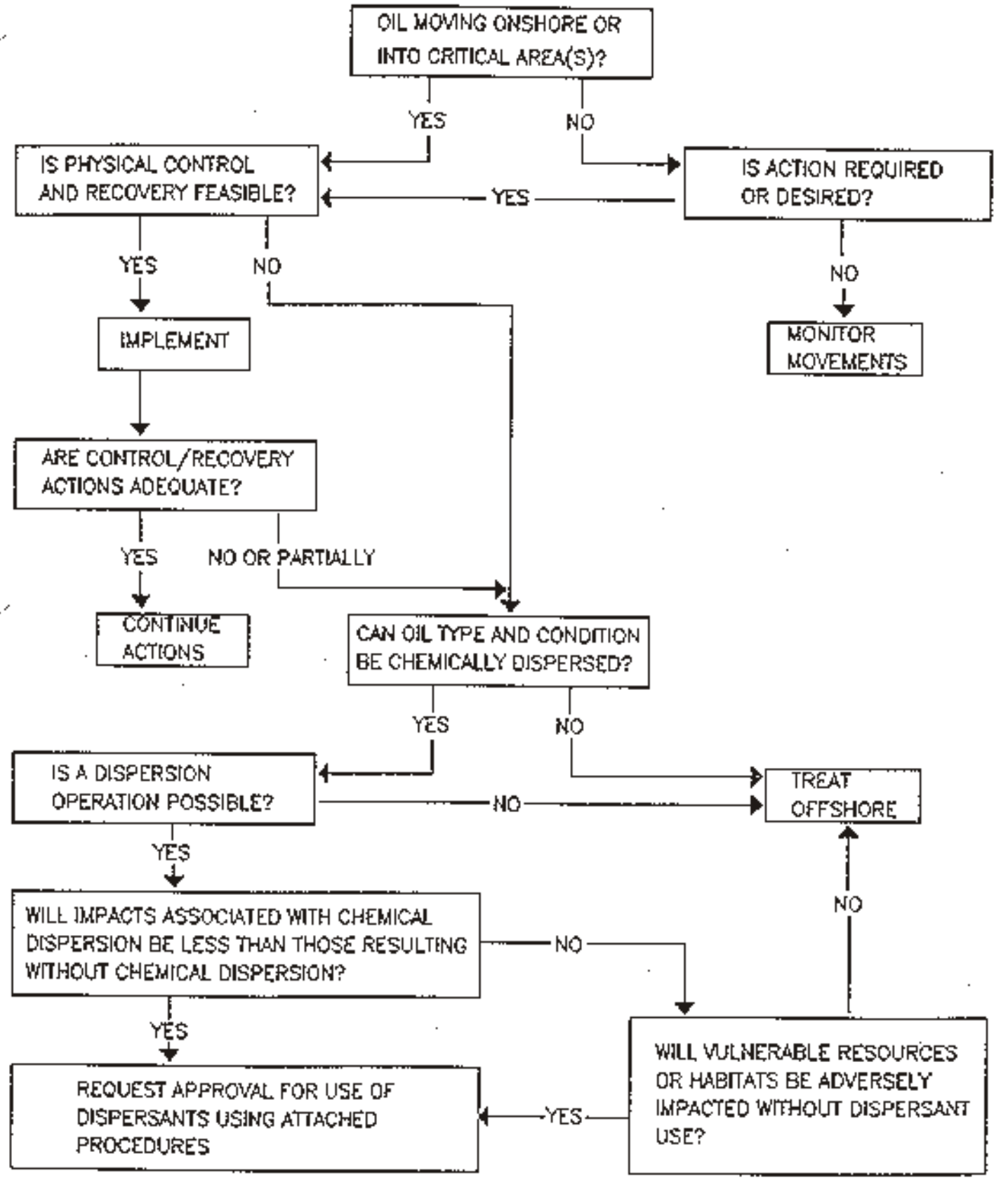
4. All solid waste material collected is to be quantified by weight or volume prior to disposal. The liquid content volume recovered in sorbents should be estimated for documentation.

5. Sorbent materials are to be removed from the roll off (or similar) containers only on to visqueen-lined designated storage areas. Establish a moisture removal area directly adjacent to the designated storage areas. Remove excess moisture by squeezing, wringing or other agreed upon method. Cut material into <3 foot lengths and remove and all metal. Processed sorbents are to be disposed of at H-power.

6. The roll off containers will be staged at the EDDM Facility or Victory Docks.

APPENDIX II

DISPERSANT USE DECISION MATRIX



APPENDIX I
DISPERSANT USE CHECK LIST

I. - SPILL DATA

a. Circumstances (fire, grounding, collision, etc.):	
b. Time/date of incident:	
c. Location of spill (distance off-shore, river mile, etc.):	
d. Type of oil:	
e. Volume spilled:	
f. Total potential of spill:	
g. Type of spill (instantaneous, continuous, intermittent):	

II - CHARACTERISTICS OF THE SPILLED OIL

a. Specific gravity:	
b. Viscosity:	
c. Pour point:	
d. Flash point:	
e. Relative toxicity:	
f. Other:	

III - WEATHER AND WATER CONDITIONS/FORECASTS

a. Air temperature/wind speed/wind direction:	
b. Tide and current information:	
c. Water temperature and salinity:	
d. Water depth:	
e. Sea state:	

IV - OIL TRAJECTORY INFORMATION

a. 12 hour surface oil trajectory forecast:

1. Time to landfall:	
2. Expected areas of landfall:	

V - CHARACTERISTICS OF AVAILABLE DISPERSANTS AND APPLICATION EQUIPMENT

a. Dispersant characteristics

	Product One	Product Two
1 Name		
2. Manufacturer		
3. Type (self-mix, concentrate, etc.)		
4. When available		
5. Location		
6. Amount available		
7. Type container		
8. Characteristics		
(a.) toxicity		
(b.) reactions		
(c.) applicability to spilled oil		
(d.) other		
9. Application method		
10. Application rate		

VI - INFORMATION ABOUT PROPOSED DISPERSANT AND EQUIPMENT TO BE USED

a. Proposed dispersant	
b. Efficiency under existing conditions (% & vol. dispersed):	
c. Dispersant operation schedule:	
d. Location to be treated	
e. Surface area of the slick which can be treated in the scheduled time period	

VII - FEASIBLE AND AVAILABLE MECHANICAL METHODS AND TIME CONSIDERATIONS FOR CONTAINMENT AND CLEANUP

	Untreated Oil	Treated Oil
a. Containment of the source:		
b. Shoreline protection strategy:		
c. Shoreline deanup strategy:		
d. Time required to execute response:		

VIII - HABITATS AND RESOURCES AT I-ISK

a. Shoreline habitat type and area of impact:

1.	
2.	
3.	
4.	

b. Resources:

1. endangered/threatened species:	
2. marine mammals (pupping, migration):	
3. waterfowl use (nesting, migration):	
4. shellfish (spawning, harvesting):	
5. finfish (spawning, release migration, harvest):	
6. commercial use (aquaculture, water intakes, etc.):	
7. public use areas (parks, marinas, etc.):	
8. other resources of special significance:	
* indicates seasonal considerations	

IX - PUBLIC HEALTH IMPACTS

a. Impact of undispersed oil to public health	
b. Impact of dispersed oil to public health	

X - RECOMMENDATION TO THE RRT

a. DO NOT use dispersants

b. Use dispersants to the maximum extent possible

c Use dispersants on a trial basis, to ensure effectiveness

d Use dispersants in limited or selected areas.

On-Scene Coordinator

Signature Time/Date

XI - RRT EVALUATION OF A DISPERSANT APPLICATION DECISION

a. Will application of dispersants remove a significant amount of the oil slick from the water surface?

b. Can dispersants alter the extent or location of shoreline impacts?

c. Can the damage to endangered or threatened species, marine mammals, waterfowl be decreased?

d. Will the damage to habitats and resources from chemical dispersion be less than those without chemical dispersion?

e. If recreational, economic and aesthetic considerations are a higher priority than natural resource considerations,what is the most effective means of their protection?

CONCUR/DO NOT CONCUR to use dispersants:

U. S. Environmental Protection Agency

Signature Time/Date

CONCUR/DO NOT CONCUR to use dispersants

State of Hawaii

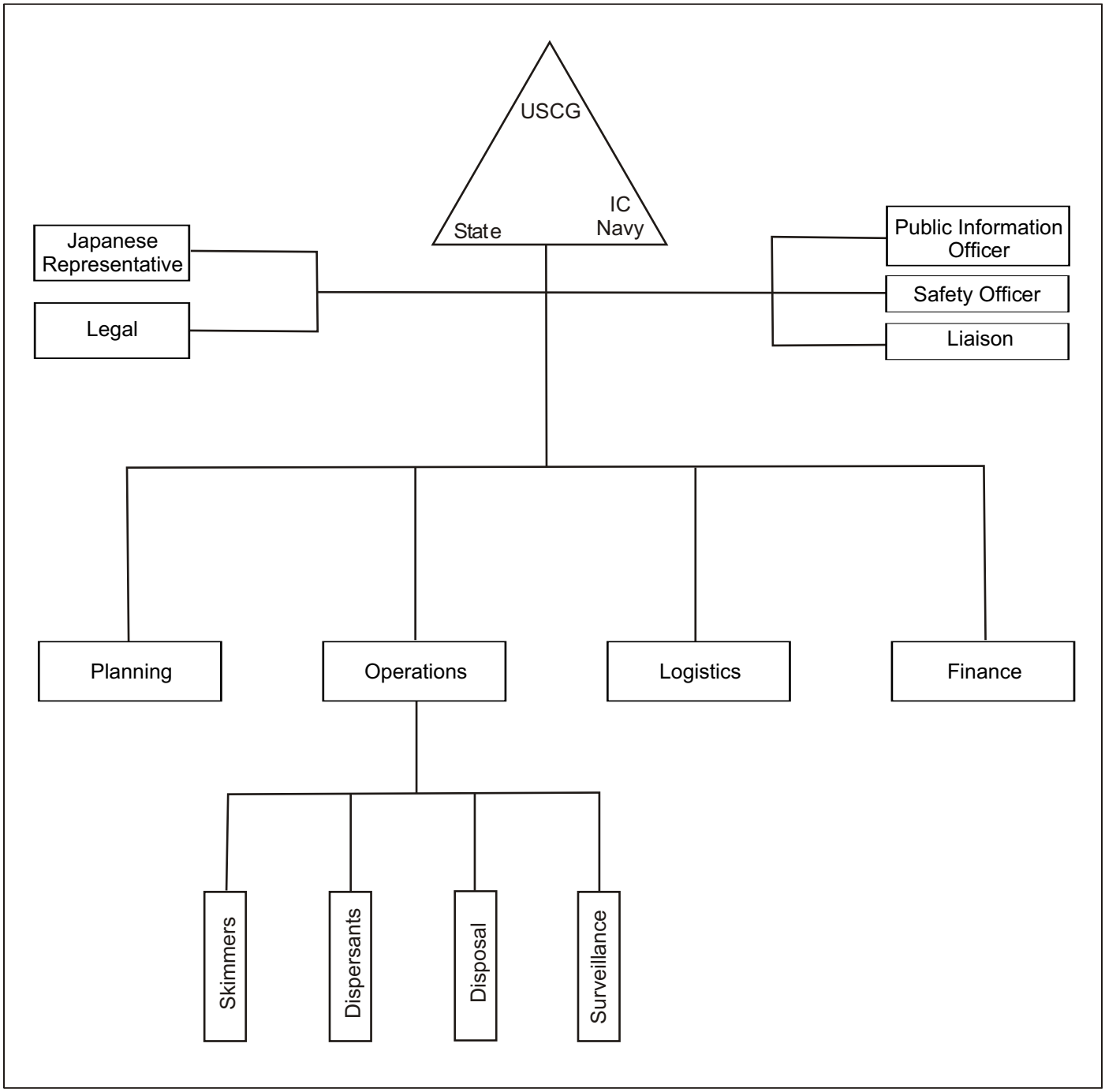
Signature Time/Date

ICS Form 205

COMMUNICATIONS PLAN

ORGANIZATION and CONTACT	A/C	PHONE	FAX	CELLULAR	PAGER	EMAIL
US NAVY, CINCPACFLT						
RADM Klemm	808					
LCDR Neil Sheehan	808					
LCDR Steven Stancy	808					
Carolyn Winters	808					
Jon Yoshishige	808					
US NAVY, REGION						
Pearl Cowan	808					
Cynthia Pang	808					
Lt. Ken Ingram	808					
Rebecca Hommon	808					
US NAVY, DIVING and SALVAGE						
CDR Mike Donch	808					
US NAVY NAVSEA						
Greg Baumann	703					
Bill Walker (Pollution)	703					
FOSC USCG	808	522-8260	522-8270			
Port Operations	808	522-8260	522-8270			
Duty Officer	808	522-8260	522-8270	927-0830		
Capt. Gilbert Kanazawa	808	522-8260	522-8270			
Ltcmdr. John Sifling	808	522-8260	522-8270			
Chris Curatilo	808	522-8260	522-8270			
SOSC DEPT. OF HEALTH	808	586-4249	586-7537		After Hrs Pager:	247-2191
Curtis Martin	808	586-4249	586-7537			
Keith Kawaoka	808	586-4249	586-7537			
US EPA, REGION IX	415	744-2000				
Mike Ardito	415	744-2328				
NAT. OCEANIC ATMS. ADM. NOAA						
Ken Barton	206	256-6326	526-6329			
Sharon Christopherson	206	526-6829	526-6329			
John Naughton	808	973-2935				
US FISH and WILDLIFE SERVICE						
John Hickey	808	541-3441	541-3470			
Mike Molina	808	541-3441	541-3470			
Kevin Foster	808	541-3441	541-3470			
STATE OF HAWAII DEPARTMENT of LAND and NATURAL RESOURCES						
Francis Oishi	808	587-0094				
Brian Kanenake	808	587-0332				
EDAW						
Randy Gallien	808	949-4321				
Edd Joy	808	949-4321				
John Prince	808	949-4321				
CLEAN ISLANDS COUNCIL						
Kim Beasley	808	845-8465	845-8457			kimb@cleanislands.com
PENCO	808	545-5195	538-1703		948-1911	
Rusty Nall	808	545-5195	538-1703			rusty@penco.org

updated: 23-May-01



Incident Command System for Diesel Fuel and Lubricating Oil Release Response