

# Salvage and Marine Firefighting Core Geographic Specific Appendices

## D9 - Lake Michigan

Donjon-SMIT, LLC

**24 HOUR PHONE: +1 703-299-0081**

**REVISION: 2020-26; 1 January 2020**

1.) SALVAGE	Temporary Timeframe Waiver	Location of incident response activity / timeframe			Resource provider status / response activity timeframe		
	Time (Years) OR Waiver End Date	Pier (hours)	CONUS: nearshore area; inland waters; Great Lakes (hours)	CONUS: offshore area (hours)	PIER	NEARSHORE	OFFSHORE
<u>i) Assessment &amp; Survey:</u>		MAX	<u>REGULATORY REQUIREMENT</u>		<u>COMPANY AND CONTRACTED CAPABILITY</u>		
A.) Remote assessment and	N/A		1	1		R1	
B.) Begin assessment of structural	1		3	3		R1, S17, S6, S42	
C.) On-site salvage assessment	1		6	12		RSA, PRONAV	
D.) Assessment of structural stability	1		12	18		R1, S17, S6, S42	
E.) Hull and bottom survey	2		12	18		R1 S29	
<u>ii) Stabilization:</u>							
A.) Emergency towing (See towing & firefighting vessel table "33 CFR 155.4030(e)")	3		12	18		SEE BELOW TOWING VESSELS LIST	
B.) Salvage plan	3		16	22		R1	
C.) External emergency transfer operations	3		18	24		R1 S5	
D.) Emergency lightering	N/A		18	24		R1 S5	
E.) Other refloating methods	3		18	24		R1	
F.) Making temporary repairs	3		18	24		R1	
G.) Diving services support	3		18	24		R1 S29	
<u>iii) Specialized Salvage Operations:</u>							
A.) Special salvage operations plan	5		18	24		R1	
B.) Subsurface product removal	5		72	84		R1	
C.) Heavy Lift	N/A		ESTIMATE	ESTIMATE		R1 / 6 Days	
2.) Marine Firefighting							
<u>i.) Assessment &amp; Planning</u>							
A.) Remote assess & consult	N/A		1	1	R1	R1	
B.) On-site fire assessment	1		2	6	RSA, PRONAV	RSA, PRONAV	
<u>ii.) Fire Suppression:</u>							
A.) External firefighting teams	4	4	8	12	PRONAV, RSA	PRONAV, R1, S8	
B.) External VSL firefighting systems	4	4	12	18	R1 S5	R1 S5	

## D9 - Lake Michigan KEY

CONTRACTED - AVAILABLE		COVERED & EXPLAINED		NOT COVERED	
R xx	Primary Resource Provider	xx	Further Description Provided	DATE	GAP - Corrected soon
S xx	Subcontractor - Private	W xx	Waiver Information Provided		GAP - No coverage anticipated
P xx	Consent - Public Resources	APC xx	APC Information Provided		

D9 - Lake Michigan PIERS (ID'ed by City or Facility)	DESCRIPTION, IF ANY	FIREFIGHTERS RESPONDING IN 2 HOURS OR LESS	FIREFIGHTERS RESPONDING IN 4 HOURS OR LESS	WITHIN PUBLIC FIREFIGHTER JURISDICTIONAL LIMITS
Martin Oil Marketing, Chicago Wharf.	Receipt and occasional shipment of petroleum products by barge.	RSA PRONAV	RSA PRONAV	N/A
Amoco Oil Co., Bay City Terminal Wharf.	Occasional receipt of petroleum products.	RSA PRONAV	RSA PRONAV	N/A
Total Petroleum, Bay City Terminal Wharf.	Receipt and shipment of petroleum products.	RSA PRONAV	RSA PRONAV	N/A
Clark Refining and Marketing, Blue Island Wharf.	Receipt and shipment of petroleum products, receipt of asphalt, occasional receipt of acetone, and occasional shipment of crude oil; all by barge.	RSA PRONAV	RSA PRONAV	N/A
Canal Terminal Co., Channahon Asphalt Terminal Dock.	Receipt of asphalt, miscellaneous chemicals, and petroleum products.	RSA PRONAV	RSA PRONAV	N/A
ExxonMobil Corp., Midwest Plant Dock.	Receipt of petroleum products and petrochemicals.	RSA PRONAV	RSA PRONAV	N/A
ExxonMobil Refining & Supply Co. Wharf.	Shipment of petroleum coke; and receipt and shipment of petroleum products, petrochemicals, and spent caustic soda.	RSA PRONAV	RSA PRONAV	N/A
Ameropan Oil Corp., 33d Street Terminal	Receipt and shipment of asphalt and fuel oil by barge.	RSA PRONAV	RSA PRONAV	N/A
Ameropan Oil Corp., Bell Oil Terminal Wharf.	Receipt and shipment of asphalt, fuel oil, and other petroleum products by barge.	RSA PRONAV	RSA PRONAV	N/A
Apex Motor Fuel Co. Wharf.	Receipt and shipment of petroleum products by barge.	RSA PRONAV	RSA PRONAV	N/A
KCBX Terminals Co., Barge-Unloading Slip.	Receipt of miscellaneous dry bulk commodities by barge; mooring coal, petroleum coke, and bauxite; mooring company-owned towboat; mooring barges.	RSA PRONAV	RSA PRONAV	N/A

KCBX Terminals Co., Loading Wharf. S.E.E. Terminal Wharf.	Shipment of miscellaneous dry-bulk commodities, including coal. Receipt of liquid fertilizer and molasses by barge.	RSA PRONAV	RSA PRONAV	N/A
	Receipt and shipment of bulk liquids, including petroleum products, chemicals, petrochemicals, animal fats, and vegetable oils.	RSA PRONAV	RSA PRONAV	N/A
Stolthaven, Docks A and B Wharves.	Receipt of lubricating oil by barge.	RSA PRONAV	RSA PRONAV	N/A
Citgo Petroleum Corp., Cicero Compound	Receipt and occasional shipment of petroleum products by barge.	RSA PRONAV	RSA PRONAV	N/A
Mobil Oil Corp., Cicero Avenue Dock.	Receipt and shipment of petroleum products; shipment and occasional receipt of asphalt; and bunkering vessels; and fueling	RSA PRONAV	RSA PRONAV	N/A
Amoco Oil Co., Indiana Harbor Dock.	Occasional receipt and shipment of petroleum products.	RSA PRONAV	RSA PRONAV	N/A
CITGO Petroleum Corp., East Chicago Dock.	Receipt of fuel oil by barge for plant consumption.	RSA PRONAV	RSA PRONAV	N/A
LTV Steel Co., Indiana Harbor Works Oil	Shipment of petroleum products.	RSA PRONAV	RSA PRONAV	N/A
Mobil Oil Corp., Calumet River Branch South	Occasional receipt and shipment of petroleum products.	RSA PRONAV	RSA PRONAV	N/A
Safety-Kleen Oil Recovery Co., East Chicago	Receipt of asphalt.	RSA PRONAV	RSA PRONAV	N/A
Koch Materials, Elberta Dock.	Receipt of petroleum products.	RSA PRONAV	RSA PRONAV	N/A
Defense Fuel Supply Center, Escanaba	Occasional receipt and shipment of petroleum products and petrochemicals by barge.	RSA PRONAV	RSA PRONAV	N/A
Amoco Oil Co., Chicago Terminal Wharf.	Receipt and shipment of asphalt by barge.	RSA PRONAV	RSA PRONAV	N/A
Chemical Petroleum Exchange, Forest View	Receipt and shipment of bulk liquids by barge, including petrochemicals, caustic soda, and vegetable oils.	RSA PRONAV	RSA PRONAV	N/A
Lake River Corp., Main Wharf.	Receipt and shipment of petroleum products by barge; fueling company-owned vessels.	RSA PRONAV	RSA PRONAV	N/A
Petroleum Fuel and Terminal Co., Chicago Division Wharf.	Receipt of asphalt.	RSA PRONAV	RSA PRONAV	N/A
Payne and Dolan, Escanaba Dock.	Receipt of asphalt.	RSA PRONAV	RSA PRONAV	N/A
Koch Refining Co., Green Bay Terminal North	Occasional receipt of petroleum products; and receipt of liquid calcium chloride.	RSA PRONAV	RSA PRONAV	N/A
U.S. Oil Co., Green Bay Dock.	Receipt of petroleum products.	RSA PRONAV	RSA PRONAV	N/A
Total Petroleum, Traverse City Terminal	Receipt and shipment of asphalt.	RSA PRONAV	RSA PRONAV	N/A
Korall Corp., Lemont Asphalt Dock.	Receipt and shipment of steel products and miscellaneous dry-bulk materials by barge, including sand, gravel, mulch, coal, and petroleum coke; mooring barges for fleetling.	RSA PRONAV	RSA PRONAV	N/A
The Metropolitan Water Reclamation District of Greater Chicago, Lemont Yard Wharf.	Receipt and shipment of petroleum products and petrochemicals; fueling towboats; and supplying lubricating oils.	RSA PRONAV	RSA PRONAV	N/A
The UNO-VEN Co., Chicago Refinery Wharf.	Receipt and shipment of asphalt.	RSA PRONAV	RSA PRONAV	N/A
Construction Resources Management Wharf.	Receipt of asphalt.	RSA PRONAV	RSA PRONAV	N/A
Port of Milwaukee, Liquid Cargo Pier.	Receipt of fuel oil for plant consumption.	RSA PRONAV	RSA PRONAV	N/A
Midwest Generation, Collins Electric Station	Occasional receipt of petroleum products by barge.	RSA PRONAV	RSA PRONAV	N/A
J. M. Sweeney Co., Cicero Terminal Wharf.	Receipt and shipment of petroleum products, residual oils, carbon black oil, tar, and orthoxylene.	RSA PRONAV	RSA PRONAV	N/A
Koppers Industries, Stickney Terminal Wharf.	Occasional receipt of asphalt by barge.	RSA PRONAV	RSA PRONAV	N/A
Marine Oil Terminal, Chicago Wharf.	Receipt of petroleum products and ethylene glycol by barge.	RSA PRONAV	RSA PRONAV	N/A
Olympic Oil Wharf.	Receipt of asphalt and solvents by barge.	RSA PRONAV	RSA PRONAV	N/A
Trumbull Asphalt, Summit Plant Wharf.	Receipt of asphalt and petroleum products.	RSA PRONAV	RSA PRONAV	N/A
Utica Terminal Dock.	Receipt of lubricating-oil base stocks.	RSA PRONAV	RSA PRONAV	N/A
Valvoline, Willow Springs Wharf.		RSA PRONAV	RSA PRONAV	N/A

<b>Donjon-SMIT, LLC - local contact</b> 155.4030(a) required, D9 - Lake Michigan LOCAL CONTACT Tim Williamson		<b>D9 - Lake Michigan</b> <b>33 CFR 155.4030(g)</b> <b>Donjon-SMIT, LLC - EXTERNAL FIRE PUMPS</b>		<b>33 CFR 155.4030(f)</b> <b>Donjon-SMIT, LLC - TRANSFER EQUIPMENT</b>		
<b>24 HOUR PHONE</b> <b>+1 703-299-0081</b>		Largest deck -this zone: 55,703 sq ft Lgst calculated qty/20 min: 17,825 gallons Required pumping capacity 891 GPM Sources: R1 S5 S53 Also see Rain for Rent (S5) - Standard Minimum Equipment under 33 CFR 155.4030(f) and firefighting capable tugs under 33 CFR 155.4030(e). Aerial firefighting also available via helicopter bucket and foam (S52).		Largest tank -this zone: 922,795 gallons Heaviest Oil Group IV Oil Required pumping capacity: 641 GPM Rain for Rent (S5) - Standard Minimum Equipment		
WEB LINK: www.donjon-smit.com  REFER TO COMPANY INFORMATION ELSEWHERE IN VRP				Available at Each Location		
<b>D9 - Lake Michigan - 33 CFR 155.4030(g)</b> <b>Donjon-SMIT, LLC - EXTINGUISHING QUANTITY / TYPE</b>		<b>D9 - Lake Michigan</b> <b>33 CFR 155.4030(h)</b> <b>Donjon-SMIT, LLC - SUBSURFACE EXTERNAL PUMPS</b>		Type of Pump* DV Series Trash Pumps		
180 gal AFFF / St. Paul, MN (HELO)		Resources to remove cargo and fuel in waters 40 to 150 feet deep are available in this zone:		6"x4" DV-100c		Water Flow Rate (GPM) Quantity 834 10
165 Gallons Novacool .4% / Erie, PA		Sources: R1		6"x6" DV-150i		1601 10
20,000 gal AFFF 1% / Green Bay, WI				8"x6" DV175c		1868 4
Sources: S52, R1, S53				12"x8" DV-200c		3002 4
				12"x12" DV-300i		4336 3
				14"x14" DV-350c		8004 2**
				18"x16" DV-400		10005 2**
				HH Series High Head Pumps		
				3"x3" HH-80		283 2
				6"x4" HH-125c		967 2
				8"x6" HH-150		1401 1
				8"x8" HH-200i		2468 2**
				12"x8" HH-225c		3402 2**
				HD Series Hydraulic Submersible Pumps		
				6" Hydra Tech		1600 1
				30"x24" HD-600		12673 1**
				Electric Submersible		
				3" - 6"		200 - 867 2 Each Size
				Larger sizes at some locations		
				*Hose Pipe and Accessories for above pumps will be stocked at each location		
				** Available Regionally		
				Additional Info on specifications can be found here:		
				<a href="https://www.rainforrent.com/pump-rentals/">https://www.rainforrent.com/pump-rentals/</a>		

