

 Lake Michigan CONUS SMFF PROVIDER COMPANY & CONTRACTED RESOURCES Updated quarterly or as changes occur. 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
Assessment & Survey:	MAX	REGULATORY REQUIREMENT			COMPANY AND CONTRACTED CAPABILITY		
1. Remote assessment and consultation	N/A	--	1	1	--	R1, S3	
2. Begin assessment of structural stability	1	--	3	3	--	R1, S3	
3. On-site salvage assessment	1	--	6	12	--	R1, S3	
4. Assessment of structural stability	1	--	12	18	--	R1, S3	
5. Hull and bottom survey	2	--	12	18	--	R1, S3	
Stabilization:		REGULATORY REQUIREMENT			COMPANY AND CONTRACTED CAPABILITY		
6. Emergency towing (See towing vessel table)	NOTE	--	12	18	--	see towing vessel table	
7. Salvage plan	3	--	16	22	--	R1, S3	
8. External emergency transfer operations	3	--	18	24	--	R1, S3	
9. Emergency lightering	N/A	--	18	24	--	R1, S3	
10. Other refloating methods	3	--	18	24	--	R1, S3	
11. Making temporary repairs	3	--	18	24	--	R1, S3	
12. Diving services support	3	--	18	24	--	R1, S3	
Specialized Salvage Operations:		REGULATORY REQUIREMENT			COMPANY AND CONTRACTED CAPABILITY		
13. Special salvage operations plan	5	--	18	24	--	R1, S3	
14. Subsurface product removal	5	--	72	84	--	R1, S3	
15. Heavy lift/1/ (See description 1.)	N/A	--	Estimate 1	Estimate 2	--	R1 (24- 72hrs)	
MARINE FIREFIGHTING							
Assessment & Planning:		REGULATORY REQUIREMENT			COMPANY AND CONTRACTED CAPABILITY		
16. Remote assessment and consultation	N/A	1	1	1	R1, S3	R1, S3	
17. On-site fire assessment	1	2	6	12	R1, S1, S3	R1, S1, S3	
Fire Suppression:		REGULATORY REQUIREMENT			COMPANY AND CONTRACTED CAPABILITY		
18. External firefighting teams	4	4	8	12	R1, S1, S3	R1, S1, S3	
19. External vessel firefighting systems	4	4	12	18	R1, S1, S3	R1, S1, S3	
/1/ Heavy lift services are not required to have definite hours for a response time. The planholder must still contract for heavy lift services, provide a description of the heavy lift response and an estimated response time when these services are required. However, none of the timeframes listed in the table §155.4030(b) will apply to these services.							
SMFF PROVIDER							
Lake Michigan - 33 CFR 155.4030(f) SMFF PROVIDER - TRANSFER EQUIPMENT 30580 Edison Street Roseville, MI 48066 / (2) MSP-300 S.S. 1455 gpm, (1) FRAMO TK-150 2000 gpm, (1) 3" Marco Pump, (1) 2" Hydratech, (1) 3" Hydratech, (1) 4" H&H Pump, (1) 6" H&H Pump, (2) Lamor GTA50, (1) 4" Archimedes Screw Pump		Lake Michigan KEY CONUS			CONTRACTED-AVAILABLE		
155.4030(a) required, Lake Michigan T&T Salvage, LLC 24 Hour Emergency Response 713-534-0700 www.ttsalvage.com		Largest tank -this zone *246,960 gallons Heaviest Oil COI Grade A and lower Required pumping capacity *10,920 g/p/h Sources: R1			R1 Subcontractor - Private Consent - Public Resources COVERED & EXPLAINED Further Description Provided Waiver Information Provided APC Information Provided		
Lake Michigan - 33 CFR 155.4030(g) SMFF PROVIDER - EXTINGUISHING AGENT QUANTITY / TYPE		Lake Michigan 33 CFR 155.4030(g) SMFF PROVIDER - EXTERNAL FIRE PUMPS 30580 Edison Street Roseville, MI 48066 / MSP-300 And Portable Monitor 1000 gpm; (1) Hale 1500 gpm, 23213 S Young Road Channahon, IL 60410 (1) Hale 1500 gpm			NOT COVERED DATE GAP - Corrected soon GAP		
156 gallons / 3% foam concentrate* Sources: R1, S1		Largest deck -this zone *19,200 sq ft Lgst calculated qty/20 min *6,144 gallons Required pumping capacity *18,432 g/p/h Sources: R1, S1			Lake Michigan - 33 CFR 155.4030(h) SMFF PROVIDER - SUBSURFACE EXTERNAL PUMPS Resources to remove cargo and fuel in waters 40 to 150 feet deep are available in this zone: Sources: R1		
Lake Michigan - 33 CFR 155.4030(e) SMFF PROVIDER - TOWING VESSELS Capable of operating in 40kt wind		BOLLARD PULL	HORSEPOWER	ATTACH DESCRIPTION 1 1. Description of Heavy Lift capability for this zone: Portable and/or floating heavy lift assets could be dispatched to this COTP zone arriving at the following estimated timeframes: AIR / LAND / SEA 24-72 HRS			
NOTE: Temporary Waiver from Timeframe							
NOTE: Alternative Planning Compliance							

*Calculations based upon GREAT LAKES / IMO # 8641111

SMFF PROVIDER and Subcontracted Resource Providers						
PRIMARY RESOURCE PROVIDER		NAME	LOCATION	24-HR PHONE	FAX	WEBSITE URL
R1	T&T Salvage, LLC	DeeAnn Ebanks	Panama City, FL/ Houston, TX	713-534-0700		www.ttsalvage.com
R1	T&T Salvage, LLC	JoAnn Henzel	Ft Lauderdale, FL	713-534-0700		www.ttsalvage.com
R1	T&T Salvage, LLC	Mauricio Garrido	Houston, TX	713-534-0700		www.ttsalvage.com
R1	T&T Salvage, LLC	Jim Elliott	Houston, TX	713-534-0700		www.ttsalvage.com
R1	T&T Salvage, LLC	Mike Popa	Detroit, MI	713-534-0700		www.ttsalvage.com
R1	T&T Salvage, LLC	Rebecca Garcia-Malone	Ft Lauderdale, FL/ Houston, TX	713-534-0700		www.ttsalvage.com
	Subcontractors					
S1	Resolve Salvage & Fire (Americas) Inc	Bryan Alonso Mike Jarvis	Fort Lauderdale, FL	954-764-8700	954-764-8724	www.resolvemarine.com
S3	T&T Marine Salvage, Inc.		Galveston, TX	409-744-1222		www.tandtmarine.com
OTHER CONTRACTED PROVIDERS		NAME	LOCATION	24-HR PHONE	FAX	WEBSITE URL
O1						
	Public Resources					
		NAME	LOCATION	24-HR PHONE	COTP ZONE	JURISDICTION LIMITS
P1						
P2						

DESCRIPTION: Resource provider status / response activity timeframe

Use this notation to describe estimated response time when it is longer than required, or outside required area

N/A Time Estimate Response Description

LIST OF ATTACHMENTS

Description of Coverage

N/A

Lake Michigan SMFF PROVIDER & CONTRACTED RESOURCES CITY	Description	PIER RESPONSE Firefighters able to respond in 2 hours OR WAIVER	PIER RESPONSE Firefighters able to respond in 4 hours OR WAIVER	Public Firefighter Jurisdiction Limits
Argo, IL		R1, S1	R1, S1	
Channahon, IL		R1, S1	R1, S1	
Chicago, IL		R1, S1	R1, S1	
Charlevoix, MI		R1, S1	R1, S1	
Frankfort, MI		R1, S1	R1, S1	
Gary, IN		R1, S1	R1, S1	
Gladstohe, MI		R1, S1	R1, S1	
Grand Haven, MI		R1, S1	R1, S1	
Green Bay, WI		R1, S1	R1, S1	
Hennepin		R1, S1	R1, S1	
Holland, MI		R1, S1	R1, S1	
Lemont, IL		R1, S1	R1, S1	
Ludington, MI		R1, S1	R1, S1	
Manistee, MI		R1, S1	R1, S1	
Manitowoc, WI		R1, S1	R1, S1	
Menominee, WI		R1, S1	R1, S1	
Meredosia		R1, S1	R1, S1	
Milwaukee, WI		R1, S1	R1, S1	
Muskegon, MI		R1, S1	R1, S1	
Northport, WI		R1, S1	R1, S1	
Pentwater, MI		R1, S1	R1, S1	
Perkin, IL		R1, S1	R1, S1	
Port Washington, WI		R1, S1	R1, S1	
Racine, WI		R1, S1	R1, S1	
Roxanna, IL		R1, S1	R1, S1	
Sheyboygan, WI		R1, S1	R1, S1	
St James, MI		R1, S1	R1, S1	
St Joseph, MI		R1, S1	R1, S1	
Stergeon Bay, WI		R1, S1	R1, S1	
Traverse City, MI		R1, S1	R1, S1	
Utica, IL		R1, S1	R1, S1	
Waukegan, IL		R1, S1	R1, S1	
Willow Springs, IL		R1, S1	R1, S1	
Wood River, IL		R1, S1	R1, S1	

The information contained herein is for planning purposes only. No warranty, expressed or implied, is made regarding the accuracy, adequacy, completeness, reliability or usefulness of the information. During a drill or actual emergency, the preservation of life and the environment will always take precedence; therefore, T&T Salvage reserves the right to utilize subcontracted resources that will lead to the most expeditious and effective response.