

 <b>Lake Michigan CONUS</b> SMFF PROVIDER COMPANY & CONTRACTED RESOURCES Updated semiannually <b>SALVAGE</b>	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
<b>Assessment &amp; Survey:</b>	<b>MAX</b>	<b>REGULATORY REQUIREMENT</b>			<b>COMPANY AND CONTRACTED CAPABILITY</b>		
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	
<b>Stabilization:</b>		<b>REGULATORY REQUIREMENT</b>			<b>COMPANY AND CONTRACTED CAPABILITY</b>		
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	
<b>Specialized Salvage Operations:</b>		<b>REGULATORY REQUIREMENT</b>			<b>COMPANY AND CONTRACTED CAPABILITY</b>		
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)	
<b>MARINE FIREFIGHTING</b>							
<b>Assessment &amp; Planning:</b>		<b>REGULATORY REQUIREMENT</b>			<b>COMPANY AND CONTRACTED CAPABILITY</b>		
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, P1	R1, S1, S3, P1	
<b>Fire Suppression:</b>		<b>REGULATORY REQUIREMENT</b>			<b>COMPANY AND CONTRACTED CAPABILITY</b>		
18. External firefighting teams	4	4	8	12	R1, S1, S3, P1	R1, S1, S3, P1	
19. External vessel firefighting systems	4	4	12	18	R1, S1, S3, P1	R1, S1, S3, P1	
/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.							
<b>SMFF PROVIDER</b>							
155.4030(a) required, Lake Michigan T&T Salvage, LLC 24 Hour Emergency Response 713-534-0700 <a href="http://www.tandtgroup.com">www.tandtgroup.com</a>		<b>Lake Michigan - 33 CFR 155.4030(f) SMFF PROVIDER - TRANSFER EQUIPMENT</b>			<b>Lake Michigan KEY CONUS</b>		
Largest tank -this zone		*246,960 gallons			CONTRACTED-AVAILABLE		
Heaviest Oil		COI Grade A and lower			R1		
Required pumping capacity		*10,920 g/p/h			Primary Resource Provider		
Sources: R1					Subcontractor - Private		
					Consent - Public Resources		
					COVERED & EXPLAINED		
					Further Description Provided		
					Waiver Information Provided		
					APC Information Provided		
156 gallons / 3% foam concentrate*		Largest deck -this zone			NOT COVERED		
		*19,200 sq ft			DATE		
		Lgst calculated qty/20 min			GAP - Corrected soon		
		*6,144 gallons			GAP		
		Required pumping capacity					
		*18,432 g/p/h					
Sources: R1, S1		Sources: R1, S1			<b>Lake Michigan - 33 CFR 155.4030(h) SMFF PROVIDER - SUBSURFACE EXTERNAL PUMPS</b>		
<b>Lake Michigan - 33 CFR 155.4030(e) SMFF PROVIDER - TOWING VESSELS Capable of operating in 40kt wind</b>				<b>BOLLARD PULL</b>	<b>HORSEPOWER</b>	Resources to remove cargo and fuel in waters 40 to 150 feet deep are available in this zone: Sources: R1	
						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		<a href="http://www.tandtgroup.com">www.tandtgroup.com</a>
R1	T&T Salvage, LLC	JoAnn Henzel	Williamsburg, VA	713-534-0700		<a href="http://www.tandtgroup.com">www.tandtgroup.com</a>
R1	T&T Salvage, LLC	Mauricio Garrido	Pasadena, TX	713-534-0700		<a href="http://www.tandtgroup.com">www.tandtgroup.com</a>
R1	T&T Salvage, LLC	Jim Elliott	Pasadena, TX	713-534-0700		<a href="http://www.tandtgroup.com">www.tandtgroup.com</a>
R1	T&T Salvage, LLC	Adam Popa	Detroit, MI	713-534-0700		<a href="http://www.tandtgroup.com">www.tandtgroup.com</a>
R1	T&T Salvage, LLC	Eli Todich	Morgantown, WV / Houston, TX	713-534-0700		<a href="http://www.tandtgroup.com">www.tandtgroup.com</a>
	<b>Subcontractors</b>					
S1	Resolve Salvage & Fire (Americas) Inc	Bryan Alonso	Fort Lauderdale, FL	954-764-8700	954-764-8724	<a href="http://www.resolvemarine.com">www.resolvemarine.com</a>
S3	T&T Marine Salvage, Inc.		Pasadena, TX	713-534-0700		<a href="http://www.tandtgroup.com">www.tandtgroup.com</a>
OTHER CONTRACTED PROVIDERS		NAME	LOCATION	24-HR PHONE	FAX	WEBSITE URL
O1						
	<b>Public Resources</b>					
P1	Sturgeon Bay F.D.	Tim Dietman	Sturgeon Bay, WI	920-559-7488	D9 Lake Michiga	City of Sturgeon Bay
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	P1
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.