

 <b>Detroit CONUS</b> SMFF PROVIDER COMPANY & CONTRACTED RESOURCES Updated quarterly or as changes occur. <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	R1, S1, S3	
<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	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.							
<b>SMFF PROVIDER</b>		<b>Detroit - 33 CFR 155.4030(f)</b> <b>SMFF PROVIDER - TRANSFER EQUIPMENT</b> 30580 Edison Street Roseville, MI 48066 / (1) MSP-300 Alum, (1) 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 4" Archimedes Screw Pump			<b>Detroit KEY CONUS</b>  <b>CONTRACTED-AVAILABLE</b> Primary Resource Provider Subcontractor - Private Consent - Public Resources <b>COVERED &amp; EXPLAINED</b> Further Description Provided Waiver Information Provided APC Information Provided <b>NOT COVERED</b> DATE GAP - Corrected soon GAP		
155.4030(a) required, Detroit		Largest tank -this zone *246,960 gallons					
T&T Salvage, LLC		Heaviest Oil COI Grade A and lower					
24 Hour Emergency Response 713-534-0700 www.ttsalvage.com		Required pumping capacity *10,920 g/p/h					
Sources: R1							
<b>Detroit - 33 CFR 155.4030(g)</b>		<b>Detroit 33 CFR 155.4030(g)</b>					
<b>SMFF PROVIDER - EXTINGUISHING AGENT</b>		<b>SMFF PROVIDER - EXTERNAL FIRE PUMPS</b>					
<b>QUANTITY / TYPE</b>		30580 Edison Street Roseville, MI 48066 / MSP-300 And Portable Monitor 1000 GPM, (1) Hale 1500 GPM					
156 gallons / 3% foam concentrate*		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		Sources: R1, S1					
<b>Detroit - 33 CFR 155.4030(e)</b>		<b>Detroit - 33 CFR 155.4030(h)</b>			<b>SMFF PROVIDER - SUBSURFACE EXTERNAL PUMPS</b>		
<b>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		
					<b>ATTACH DESCRIPTION 1</b>		
					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		
					<b>NOTE: Temporary Waiver from Timeframe</b>		
					<b>NOTE: Alternative Planning Compliance</b>		

\*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	Jacksonville, FL/ Houston, TX	713-534-0700	www.ttsalvage.com
	<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.		Galveston, TX	409-744-1222	<a href="http://www.tandtmarine.com">www.tandtmarine.com</a>
OTHER CONTRACTED PROVIDERS	NAME	LOCATION	24-HR PHONE	FAX	WEBSITE URL
O1					
	<b>Public Resources</b>				
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

Detroit 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
Alabaster, MI		R1, S1	R1, S1	
Aloena, MI		R1, S1	R1, S1	
Cleveland, Oh		R1, S1	R1, S1	
Harbor Beach, MI		R1, S1	R1, S1	
Huron, OH		R1, S1	R1, S1	
Kelleys Island, OH		R1, S1	R1, S1	
Marine City, MI		R1, S1	R1, S1	
Monroe OH		R1, S1	R1, S1	
Port Huron, MI		R1, S1	R1, S1	
Sandusky, OH		R1, S1	R1, S1	
St Clair, MI		R1, S1	R1, S1	
Stoneport, MI		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.*