

 <b>Eastern Great Lakes CONUS</b>  <b>SMFF PROVIDER COMPANY &amp; CONTRACTED RESOURCES</b> 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 (24-72 hrs)	
<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>	<b>Eastern Great Lakes - 33 CFR 155.4030(f) SMFF PROVIDER - TRANSFER EQUIPMENT</b>			<b>Eastern Great Lakes KEY CONUS</b>			
155.4030(a) required, Eastern Great Lakes T&T Salvage, LLC 24 Hour Emergency Response 713-534-0700 <a href="http://www.tandtgroup.com">www.tandtgroup.com</a>	Largest tank -this zone	*210,000 gallons		<b>CONTRACTED-AVAILABLE</b>			
	Heaviest Oil	crude		<b>R1</b> Primary Resource Provider			
	Required pumping capacity	*8750 g/p/h		Subcontractor - Private			
	Sources: <b>R1</b>			Consent - Public Resources			
				<b>COVERED &amp; EXPLAINED</b>			
				Further Description Provided			
				Waiver Information Provided			
				APC Information Provided			
				<b>NOT COVERED</b>			
				<b>DATE</b> GAP - Corrected soon			
				GAP			
				Sources: <b>R1, S1</b>			
				Sources: <b>R1, S1</b>			
<b>Eastern Great Lakes - 33 CFR 155.4030(g) SMFF PROVIDER - EXTINGUISHING AGENT</b>	<b>Eastern Great Lakes 33 CFR 155.4030(g) SMFF PROVIDER - EXTERNAL FIRE PUMPS</b>			<b>Eastern Great Lakes - 33 CFR 155.4030(h) SMFF PROVIDER - SUBSURFACE EXTERNAL PUMPS</b>			
<b>QUANTITY / TYPE</b>	8542 Erie Road Angola, NY 14006 / (1) Hale 1500 GPM 4500 Division Ave., Cleveland, OH 44102 / RMG Wolverine 4000			<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: <b>R1</b>	
154 gallons / 3% foam concentrate*	Largest deck -this zone	*16,038 sq ft				<b>ATTACH DESCRIPTION 1</b>	
1100 gallons AFFF 3% /4500 Division Ave., Cleveland, OH 44102	Lgst calculated qty/20 min	*5132 gallons				1. Description of Heavy Lift capability for this zone:	
	Required pumping capacity	*15,420 g/p/h				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 trading COTP zone - 297' x 54' / 30,000 bbls 6 tanks

SMFF PROVIDER and Subcontracted Resource Providers						
PRIMAR 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	Ashtabula Fire Department	Shawn Gruber	Astabula, OH	440-992-3472	Buffalo	
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

Buffalo 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
Alexandria Bay, NY		R1, S1	R1, S1	
Ashtabula, OH		R1, S1	R1, S1	
Cleveland, OH		R1, S1	R1, S1	
Conneaut, OH		R1, S1	R1, S1	
Dunkirk, NY		R1, S1	R1, S1	
Erie, PA		R1, S1	R1, S1	
Fairport Harbor, OH		R1, S1	R1, S1	
Lorain, OH		R1, S1	R1, S1	
Ogdensburg, NY		R1, S1	R1, S1	
Oswego, NY		R1, S1	R1, S1	
Rochester, NY		R1, S1	R1, S1	
Sackets Harbor, NY		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.*