

 <b>Buffalo CONUS</b> 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
<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>REGULATORY REQUIREMENT</b>			<b>COMPANY AND CONTRACTED CAPABILITY</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>Buffalo - 33 CFR 155.4030(f) SMFF PROVIDER - TRANSFER EQUIPMENT</b>			<b>Buffalo KEY CONUS</b>			
155.4030(a) required, Buffalo T&T Salvage, LLC 24 Hour Emergency Response 713-534-0700 <a href="http://www.ttsalvage.com">www.ttsalvage.com</a>	Largest tank -this zone			*210,000	gallons		
	Heaviest Oil			crude			
	Required pumping capacity			*8750	g/p/h		
	Sources:			R1	R1		
					CONTRACTED-AVAILABLE		
					Primary Resource Provider		
					Subcontractor - Private		
					Consent - Public Resources		
					COVERED & EXPLAINED		
					Further Description Provided		
					Waiver Information Provided		
					APC Information Provided		
					NOT COVERED		
					DATE		
					GAP - Corrected soon		
					GAP		
	Sources: R1, S1				Sources: R1, S1		
<b>Buffalo - 33 CFR 155.4030(g) SMFF PROVIDER - EXTINGUISHING AGENT QUANTITY / TYPE</b>	<b>Buffalo 33 CFR 155.4030(g) SMFF PROVIDER - EXTERNAL FIRE PUMPS</b> 8542 Erie Road Angola, NY 14006 / (1) Hale 1500 GPM 13700 McCracken Road Cleveland, OH 44125 / RMG Wolverine 4000 GPM						
154 gallons / 3% foam concentrate*	Largest deck -this zone			*16,038	sq ft		
1100 gallons AFFF 3% / 13700 McCracken Road Cleveland, OH 44125	Lgst calculated qty/20 min			*5132	gallons		
	Required pumping capacity			*15,420	g/p/h		
	Sources: R1, S1				Sources: R1, S1		
<b>Buffalo - 33 CFR 155.4030(e) SMFF PROVIDER - TOWING VESSELS Capable of operating in 40kt wind</b>	<b>BOLLARD PULL</b>	<b>HORSEPOWER</b>		<b>Buffalo - 33 CFR 155.4030(h) SMFF PROVIDER - SUBSURFACE EXTERNAL PUMPS</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 trading COTP zone - 297' x 54' / 30,000 bbls 6 tanks

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.tandmarine.com">www.tandmarine.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

<b>Buffalo SMFF PROVIDER &amp; CONTRACTED RESOURCES CITY</b>	<b>Description</b>	<b>PIER RESPONSE Firefighters able to respond in 2 hours OR WAIVER</b>	<b>PIER RESPONSE Firefighters able to respond in 4 hours OR WAIVER</b>	<b>Public Firefighter Jurisdiction Limits</b>
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.*