

 <b>Delaware Bay 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	R1, S3
2. Begin assessment of structural stability	1	--	3	3	--	R1, S3	R1, S3
3. On-site salvage assessment	1	--	6	12	--	R1, S3	R1, S3
4. Assessment of structural stability	1	--	12	18	--	R1, S3	R1, S3
5. Hull and bottom survey	2	--	12	18	--	R1, S3	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	see towing vessel table
7. Salvage plan	3	--	16	22	--	R1, S3	R1, S3
8. External emergency transfer operations	3	--	18	24	--	R1, S3	R1, S3
9. Emergency lightering	N/A	--	18	24	--	R1, S3	R1, S3
10. Other refloating methods	3	--	18	24	--	R1, S3	R1, S3
11. Making temporary repairs	3	--	18	24	--	R1, S3	R1, S3
12. Diving services support	3	--	18	24	--	R1, S3	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	R1, S3
14. Subsurface product removal	5	--	72	84	--	R1, S3	R1, S3
15. Heavy lift/1/ (See description 1.)	N/A	--	Estimate 1	Estimate 2	--	R1 (48hrs- 15days)	R1 (48hrs- 15days)
<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	R1, S3
17. On-site fire assessment	1	2	6	12	R1, S1, S3	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	R1, S1, S3
19. External vessel firefighting systems	4	4	12	18	R1, S1, S3	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>Delaware Bay - 33 CFR 155.4030(f) SMFF PROVIDER - TRANSFER EQUIPMENT</b>			<b>Delaware Bay KEY CONUS</b>		
155.4030(a) required, Delaware Bay 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 *12,828,024 gallons Heaviest Oil crude Required pumping capacity *534,501 g/p/h Sources: R1			CONTRACTED-AVAILABLE Primary Resource Provider Subcontractor - Private Consent - Public Resources COVERED & EXPLAINED		
<b>Delaware Bay - 33 CFR 155.4030(g) SMFF PROVIDER - EXTINGUISHING AGENT QUANTITY / TYPE</b>		<b>Delaware Bay 33 CFR 155.4030(g) SMFF PROVIDER - EXTERNAL FIRE PUMPS</b> 1650 Hewes Ave, Linwood, PA 19061 / RMG Badger 5,500 GPM			Further Description Provided Waiver Information Provided APC Information Provided		
2134 gallons / 3% foam concentrate* 1100 gal AFFF 3% / 1650 Hewes Ave, Linwood, PA 19061		Largest deck -this zone *222,331 sq ft Lgst calculated qty/20 min *71,146 gallons Required pumping capacity *213,438 g/p/h Sources: R1, S1			NOT COVERED DATE GAP - Corrected soon GAP		
<b>Delaware Bay - 33 CFR 155.4030(e) SMFF PROVIDER - TOWING VESSELS Capable of operating in 40kt wind</b>		<b>BOLLARD PULL</b>		<b>HORSEPOWER</b>	<b>Delaware Bay - 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-48 HRS/TRUCK-72 HRS/SEA-15 DAYS		
					NOTE: Temporary Waiver from Timeframe		
					NOTE: Alternative Planning Compliance		

\*Calculations based on ULCC tank vessel of approximately 442,000 dwt and 1243 feet in length

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	Eli Todich	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>				
	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

<b>Delaware Bay 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>
<b>Bordentown, NJ</b>		<b>R1, S1</b>	<b>R1, S1</b>	
<b>Chester, PA</b>		<b>R1, S1</b>	<b>R1, S1</b>	
<b>Croydon, PA</b>		<b>R1, S1</b>	<b>R1, S1</b>	
<b>Delaware City, DE</b>		<b>R1, S1</b>	<b>R1, S1</b>	
<b>Eddystone, PA</b>		<b>R1, S1</b>	<b>R1, S1</b>	
<b>Gloucester, PA</b>		<b>R1, S1</b>	<b>R1, S1</b>	
<b>Little Creek , DE</b>		<b>R1, S1</b>	<b>R1, S1</b>	
<b>Marcus Hook, PA</b>		<b>R1, S1</b>	<b>R1, S1</b>	
<b>Paullsboro, PA</b>		<b>R1, S1</b>	<b>R1, S1</b>	
<b>Pennsauken, NJ</b>		<b>R1, S1</b>	<b>R1, S1</b>	
<b>Philadelphia, PA</b>		<b>R1, S1</b>	<b>R1, S1</b>	
<b>Trainer, PA</b>		<b>R1, S1</b>	<b>R1, S1</b>	
<b>Tullytown, PA</b>		<b>R1, S1</b>	<b>R1, S1</b>	
<b>Westville, NJ</b>		<b>R1, S1</b>	<b>R1, S1</b>	
<b>Wilmington, DE</b>		<b>R1, S1</b>	<b>R1, S1</b>	

*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.*