

 <b>Houston/Galveston 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	R1, S3	
2. Begin assessment of structural stability	1	--	3	3	--	R1, S3	R1, S3	
3. On-site salvage assessment	1	--	6	12	--	R1, S2, S3	R1, S2, S3	
4. Assessment of structural stability	1	--	12	18	--	R1, S3	R1, S3	
5. Hull and bottom survey	2	--	12	18	--	R1, S2, S3	R1, S2, 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, S2, S3	R1, S2, S3	
11. Making temporary repairs	3	--	18	24	--	R1, S2, S3	R1, S2, S3	
12. Diving services support	3	--	18	24	--	R1, S2, S3	R1, S2, 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, S2, S3	R1, S2, S3	
14. Subsurface product removal	5	--	72	84	--	R1, S2, S3	R1, S2, S3	
15. Heavy lift/1/ (See description 1.)	N/A	--	Estimate 1	Estimate 2	--	R1 (24- 72hrs)	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	R1, S3	
17. On-site fire assessment	1	2	6	12	R1, S1, S2, S3	R1, S1, S2, S3	R1, S1, S2, 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, S2, S3	R1, S1, S2, S3	R1, S1, S2, S3	
19. External vessel firefighting systems	4	4	12	18	R1, S1, S2, S3	R1, S1, S2, S3	R1, S1, S2, 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>Houston/Galveston - 33 CFR 155.4030(f)</b> <b>SMFF PROVIDER - TRANSFER EQUIPMENT</b> 9723 Teichman Rd Galveston, TX 77554 (23) MSP 150 1800 gpm (5) MSP-300 S.S / (3) MSP 300 Alum 1455 gpm (4) MSP-700 3300 gpm (2)6"H&H (17)4"H&H			<b>Houston/Galveston KEY CONUS</b>				
155.4030(a) required, Houston/Galveston <b>T&amp;T Salvage, LLC</b> <b>24 Hour Emergency Response 713-534-0700</b> <a href="http://www.ttsalvage.com">www.ttsalvage.com</a>	Largest tank -this zone	*12,828,024 gallons						
	Heaviest Oil	crude					<b>CONTRACTED-AVAILABLE</b>	
	Required pumping capacity	*534,501 g/p/h				R1	Primary Resource Provider	
	Sources:	R1					Subcontractor - Private	
							Consent - Public Resources	
							<b>COVERED &amp; EXPLAINED</b>	
<b>Houston/Galveston - 33 CFR 155.4030(g)</b> <b>SMFF PROVIDER - EXTINGUISHING AGENT</b> <b>QUANTITY / TYPE</b>	<b>Houston/Galveston 33 CFR 155.4030(g)</b> <b>SMFF PROVIDER - EXTERNAL FIRE PUMPS</b> 9723 Teichman Road Galveston, TX 77554 (2) Mariflex 3300 gpm (2) Hale 1500 gpm (2) TT-1400 6000 gpm / 3002 East 13th St. LaPorte, TX 77571 / RMG Wolverine 4000 GPM							
2134 gallons / 3% foam concentrate*	Largest deck -this zone	*222,331 sq ft					Further Description Provided	
3400 gal AR AFFF 3% / 9723 Teichman Rd. Galveston TX, 77554	Lgst calculated qty/20 min	*71,146 gallons				DATE	Waiver Information Provided	
1100 gallons AFFF 3% / 3002 East 13th St. LaPorte, TX 77571	Required pumping capacity	*213,438 g/p/h					APC Information Provided	
Sources: R1, S1	Sources:	R1, S1					<b>NOT COVERED</b>	
<b>Houston/Galveston - 33 CFR 155.4030(e)</b> <b>SMFF PROVIDER - TOWING VESSELS</b> Capable of operating in 40kt wind	<b>BOLLARD PULL</b>	<b>HORSEPOWER</b>	<b>Houston/Galveston - 33 CFR 155.4030(h)</b> <b>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					
			<b>ATTACH DESCRIPTION 1</b>					
			1. Description of Heavy Lift capability for this zone:  <b>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>					
			<b>NOTE: Temporary Waiver from Timeframe</b>					
			<b>NOTE: Alternative Planning Compliance</b>					

\*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		<a href="http://www.ttsalvage.com">www.ttsalvage.com</a>
R1	T&T Salvage, LLC	JoAnn Henzel	Ft Lauderdale, FL	713-534-0700		<a href="http://www.ttsalvage.com">www.ttsalvage.com</a>
R1	T&T Salvage, LLC	Mauricio Garrido	Houston, TX	713-534-0700		<a href="http://www.ttsalvage.com">www.ttsalvage.com</a>
R1	T&T Salvage, LLC	Jim Elliott	Houston, TX	713-534-0700		<a href="http://www.ttsalvage.com">www.ttsalvage.com</a>
R1	T&T Salvage, LLC	Mike Popa	Detroit, MI	713-534-0700		<a href="http://www.ttsalvage.com">www.ttsalvage.com</a>
R1	T&T Salvage, LLC	Rebecca Garcia-Malone	Ft Lauderdale, FL/ Houston, TX	713-534-0700		<a href="http://www.ttsalvage.com">www.ttsalvage.com</a>
	<b>Subcontractors</b>					
S1	Resolve Salvage & Fire (Americas) Inc	Bryan Alonso Mike Jarvis	Fort Lauderdale, FL	954-764-8700	954-764-8724	<a href="http://www.resolvemarine.com">www.resolvemarine.com</a>
S2	Bisso Marine Co., Inc.		Houston, TX / New Orleans, LA	281-897-1500		<a href="http://www.bissomarine.com">www.bissomarine.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

Houston / Galveston SMFF PROVIDER & CONTRACTED RESOURCES CITY	State	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
Altair	TX		R1, S1	R1, S1	
Baytown	TX		R1, S1	R1, S1	
Beaumont	TX		R1, S1	R1, S1	
Channelview	TX		R1, S1	R1, S1	
Conroe	TX		R1, S1	R1, S1	
Corpus Christi	TX		R1, S1	R1, S1	
Dayton	TX		R1, S1	R1, S1	
Deer Park	TX		R1, S1	R1, S1	
Freeport	TX		R1, S1	R1, S1	
Galena Park	TX		R1, S1	R1, S1	
Galveston	TX		R1, S1	R1, S1	
Hallettsville	TX		R1, S1	R1, S1	
Highlands	TX		R1, S1	R1, S1	
Houston	TX		R1, S1	R1, S1	
La Porte	TX		R1, S1	R1, S1	
Lufkin	TX		R1, S1	R1, S1	
Morgans Point	TX		R1, S1	R1, S1	
Nederland	TX		R1, S1	R1, S1	
Pasadena	TX		R1, S1	R1, S1	
Pearland	TX		R1, S1	R1, S1	
Port Arthur	TX		R1, S1	R1, S1	
San Antonio	TX		R1, S1	R1, S1	
Seabrook	TX		R1, S1	R1, S1	
Texas City	TX		R1, S1	R1, S1	
Van Ormy	TX		R1, S1	R1, S1	
Victoria	TX		R1, S1	R1, S1	
Waco	TX		R1, S1	R1, S1	
Winnie	TX		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.*