Charleston CONUS	Temporary Timeframe Waiver	frame timeframe		Resource provider status / response activity timeframe			
SMFF PROVIDER COMPANY & CONTRACTED RESOURCES Updated semiannually	Time (Years) OR Waiver End Date	Pier (hours)	CONUS: nearshore area; inland waters; Great Lakes (hours)	CONUS: offshore area (hours)	<b>K</b>	NEARSHORE	OFFSHORE
SALVAGE					PIER	Z Z	, P
Assessment & Survey:	MAX		REGULATORY REQUI	REMENT	COMPANY AND CONTRACTED CAPABILITY		CAPABILITY
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	12		R1, S3	R1, S3
4. Assessment of structural stability 5. Hull and bottom survey	2		12	18 18		R1, S3 R1, S3	R1, S3 R1, S3
Stabilization:			REGULATORY REQUI		COMPANY AND CONTRACTED CAPABILITY		
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 10. Other refloating methods	N/A 3		18 18	24 24		R1, S3 R1, S3	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
Specialized Salvage Operations:			REGULATORY REQUI	REMENT	сомі	COMPANY AND CONTRACTED CAPABILITY	
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 (48nrs- 15days)
MARINE FIREFIGHTING							
Assessment & Planning:			REGULATORY REQUI		COMPANY AND CONTRACTED CAPABILITY		
16. Remote assessment and consultation 17. On-site fire assessment	N/A	2	1 6	1 12	R1, S3 R1, S1, S3	R1, S3 R1, S1, S3	R1, S3 R1, S1, S3
17. On-site life assessment	1		6	12	K1, 51, 53	K1, S1, S3	K1, S1, S3
Fire Suppression:		REGULATORY REQUIREMENT		REMENT	COMPANY AND CONTRACTED CAPABILITY		
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
	4 esponse time. Th	e planholde	12 er must still contract f	18 or heavy lift services	R1, S1, S3 , provide a des	R1, S1, S3 cription of the heavy li	R1, S1, S3
19. External vessel firefighting systems /1/ Heavy lift services are not required to have definite hours for a re- response and an estimated response time when these services are require	4 esponse time. Th	e planholde e of the time	<b>12</b> er must still contract f eframes listed in the tal	<b>18</b> or heavy lift services ble §155.4030(b) will a	R1, S1, S3 , provide a des	R1, S1, S3 cription of the heavy li	R1, S1, S3
19. External vessel firefighting systems /1/ Heavy lift services are not required to have definite hours for a re-	4 esponse time. The	e planholde e of the time Charlesto	12 er must still contract f	18 or heavy lift services ble §155.4030(b) will a	R1, S1, S3 , provide a des	R1, S1, S3 cription of the heavy li	<b>R1, S1, S3</b> ft
19. External vessel firefighting systems /1/ Heavy lift services are not required to have definite hours for a representation response and an estimated response time when these services are required.  SMFF PROVIDER  155.4030(a) required, Charleston	4 esponse time. The ed. However, none	charlesto	12 or must still contract for frames listed in the tale on - 33 CFR 155.403	18 or heavy lift services ble §155.4030(b) will a 60(f) UIPMENT	R1, S1, S3 , provide a des	R1, S1, S3 cription of the heavy li	<b>R1, S1, S3</b> ft
19. External vessel firefighting systems /1/ Heavy lift services are not required to have definite hours for a representation response and an estimated response time when these services are required.  SMFF PROVIDER  155.4030(a) required, Charleston T&T Salvage, LLC	4 esponse time. The ed. However, none  SMFF  Largest tank -this	charlesto	12 or must still contract for frames listed in the tale on - 33 CFR 155.403 or - TRANSFER EQUE	18 or heavy lift services ble §155.4030(b) will a 60(f) UIPMENT	R1, S1, S3 , provide a des	R1, S1, S3 cription of the heavy light revices.  Charleston KEY CONUS	<b>R1, S1, S3</b> ft
19. External vessel firefighting systems /1/ Heavy lift services are not required to have definite hours for a representation response and an estimated response time when these services are required.  SMFF PROVIDER  155.4030(a) required, Charleston	4 esponse time. The ed. However, none	e planholde e of the time Charlesto PROVIDE	12 or must still contract for frames listed in the tale on - 33 CFR 155.403	18 or heavy lift services ble §155.4030(b) will a  60(f) UIPMENT gallons	R1, S1, S3 , provide a des	R1, S1, S3 cription of the heavy livroices.  Charleston KEY	R1, S1, S3 ft
19. External vessel firefighting systems /1/ Heavy lift services are not required to have definite hours for a representation response and an estimated response time when these services are requires SMFF PROVIDER  155.4030(a) required, Charleston T&T Salvage, LLC 24 Hour Emergency Response 713-534-0700	4 esponse time. The ed. However, none  SMFF  Largest tank -this Heaviest Oil	e planholde e of the time Charlesto PROVIDE	12 er must still contract for frames listed in the tale on - 33 CFR 155.403 ER - TRANSFER EQUE *12,828,024 crude	18 or heavy lift services ble §155.4030(b) will a  60(f) UIPMENT gallons	R1, S1, S3 , provide a des apply to these se	R1, S1, S3 cription of the heavy light invices.  Charleston KEY CONUS  CONTRACTED-AVA Primary Resource Primary Resource Priva	R1, S1, S3  ft  AILABLE  rovider  ate
19. External vessel firefighting systems /1/ Heavy lift services are not required to have definite hours for a representation response and an estimated response time when these services are requires SMFF PROVIDER  155.4030(a) required, Charleston T&T Salvage, LLC 24 Hour Emergency Response 713-534-0700	4 esponse time. The ed. However, none  SMFF  Largest tank -this Heaviest Oil Required pumpin	Charlestone PROVIDE Zone g capacity	12 er must still contract for frames listed in the tale on - 33 CFR 155.403 ER - TRANSFER EQUE *12,828,024 crude	18 or heavy lift services ble §155.4030(b) will a  60(f) UIPMENT gallons	R1, S1, S3 , provide a des apply to these se	R1, S1, S3 cription of the heavy libration of the heavy libration.  Charleston KEY CONUS  CONTRACTED-AVA Primary Resource Primary Resource Private Consent - Public Resource Private Private Private Private Private Private Private Private Private	R1, S1, S3  It  AILABLE  Tovider  ate  sources
19. External vessel firefighting systems /1/ Heavy lift services are not required to have definite hours for a representation response and an estimated response time when these services are requires SMFF PROVIDER  155.4030(a) required, Charleston T&T Salvage, LLC 24 Hour Emergency Response 713-534-0700 www.ttsalvage.com	4 esponse time. The ed. However, none  SMFF  Largest tank -this Heaviest Oil Required pumpin	Charlestone PROVIDE zone g capacity	12 er must still contract for must still contract for frames listed in the tall on - 33 CFR 155.403 ER - TRANSFER EQUAL CRUDE *12,828,024	18 or heavy lift services ble §155.4030(b) will a 60(f) UIPMENT gallons g/p/h	R1, S1, S3 , provide a des apply to these se	R1, S1, S3 cription of the heavy libration of the heavy libration of the heavy libration.  Charleston KEY CONUS  CONTRACTED-AVA Primary Resource Primary Resource Private Consent - Public Resource COVERED & EXPLA	R1, S1, S3  AILABLE  rovider  ate  sources AINED
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19. External vessel firefighting systems  /1/ Heavy lift services are not required to have definite hours for a re response and an estimated response time when these services are requir  SMFF PROVIDER  155.4030(a) required, Charleston  T&T Salvage, LLC  24 Hour Emergency Response 713-534-0700  www.ttsalvage.com  Charleston - 33 CFR 155.4030(g)  SMFF PROVIDER - EXTINGUISHING AGENT  QUANTITY / TYPE  2134 gallons / 3% foam concentrate*  1100 gallons AFFF 3% / 1884 Herbert Street Charleston, SC 29405  Sources: R1, S1  Charleston - 33 CFR 155.4030(e)	sponse time. The ed. However, none small s	Charlestor PROVIDE Cone  g capacity  R1  Charlestor PROVIDE Cone  g capacity  R1  Charlestor PROVIDE Cone  g capacity  R1  Charlestor PROVIDE Cone  g capacity  R1, S1	12 er must still contract for	or heavy lift services ble §155.4030(b) will a sole §155.4030(b) will a	R1, S1, S3 , provide a desapply to these se  R1  R1  PATE  SMFF PRO  Resouces to ren 40 to 150 feet of Sources:  ATTACH DESCR  1. Description  Portable a dispatched to estimated time	R1, S1, S3 cription of the heavy lightervices.  Charleston KEY CONUS  CONTRACTED-AVA Primary Resource Pr Subcontractor - Priva Consent - Public Res COVERED & EXPLA Further Description Proportion Pro	R1, S1, S3  ft  AILABLE rovider ate sources AINED Provided vided  on  ACE EXTERNAL  vaters s zone:  ft assets could be ng at the following RUCK-72 HRS/SEA-15
19. External vessel firefighting systems  /1/ Heavy lift services are not required to have definite hours for a re response and an estimated response time when these services are requir  SMFF PROVIDER  155.4030(a) required, Charleston  T&T Salvage, LLC  24 Hour Emergency Response 713-534-0700  www.ttsalvage.com  Charleston - 33 CFR 155.4030(g)  SMFF PROVIDER - EXTINGUISHING AGENT  QUANTITY / TYPE  2134 gallons / 3% foam concentrate*  1100 gallons AFFF 3% / 1884 Herbert Street Charleston, SC 29405  Sources: R1, S1  Charleston - 33 CFR 155.4030(e)	sponse time. The ed. However, none small s	Charlestor PROVIDE Cone  g capacity  R1  Charlestor PROVIDE Cone  g capacity  R1  Charlestor PROVIDE Cone  g capacity  R1  Charlestor PROVIDE Cone  g capacity  R1, S1	12 er must still contract for	or heavy lift services ble §155.4030(b) will a sole §155.4030(b) will a	R1, S1, S3 , provide a desapply to these selected apply to the selected apply to these selected apply to the selected apply	R1, S1, S3 cription of the heavy lighter.  Charleston KEY CONUS  CONTRACTED-AVA Primary Resource Pr Subcontractor - Priva Consent - Public Res COVERED & EXPLA Further Description Pro Waiver Information Pro NOT COVERED GAP - Corrected soc GAP GAP - Corrected soc GAP OVIDER - SUBSURF PUMPS  move cargo and fuel in water available in this R1 IPTION 1 In of Heavy Lift capability Indoor floating heavy lights to this COTP zone arrivity eframes: AIR-48 HRS/T DAYS	R1, S1, S3  ft  A/LABLE rovider ate sources A/NED  Provided vided  on  ACE EXTERNAL  vaters s zone:  ty for this zone:  ft assets could be ng at the following RUCK-72 HRS/SEA-15
19. External vessel firefighting systems  /1/ Heavy lift services are not required to have definite hours for a re response and an estimated response time when these services are requir  SMFF PROVIDER  155.4030(a) required, Charleston  T&T Salvage, LLC  24 Hour Emergency Response 713-534-0700  www.ttsalvage.com  Charleston - 33 CFR 155.4030(g)  SMFF PROVIDER - EXTINGUISHING AGENT  QUANTITY / TYPE  2134 gallons / 3% foam concentrate*  1100 gallons AFFF 3% / 1884 Herbert Street Charleston, SC 29405  Sources: R1, S1  Charleston - 33 CFR 155.4030(e)	sponse time. The ed. However, none small s	Charlestor PROVIDE Cone  g capacity  R1  Charlestor PROVIDE Cone  g capacity  R1  Charlestor PROVIDE Cone  g capacity  R1  Charlestor PROVIDE Cone  g capacity  R1, S1	12 er must still contract for	or heavy lift services ble §155.4030(b) will a sole §155.4030(b) will a	R1, S1, S3 , provide a desapply to these selected apply to the selected apply to these selected apply to the selected apply	R1, S1, S3 cription of the heavy light invices.  Charleston KEY CONUS  CONTRACTED-AVA Primary Resource Private Consent - Public Resource Private Consent - Public Resource Private Consent - Public Resource Private Public Resource P	R1, S1, S3  ft  A/LABLE  rovider  ate  sources  A/NED  Provided  vided  vided  on  ACE EXTERNAL  vaters  s zone:  ft assets could be  ng at the following  RUCK-72 HRS/SEA-15

SMFF PROVIDER and Subcontracted Resource Providers							
PRIM	IARY 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	
	Subcontractors						
S1	Resolve Salvage & Fire (Americas) Inc	Bryan Alonso	Fort Lauderdale, FL	954-764-8700	954-764-8724	www.resolvemarine.com	
S3	T&T Marine Salvage, Inc.		Galveston, TX	409-744-1222		www.tandtmarine.com	
OTHE	R CONTRACTED PROVIDERS	NAME	LOCATION	24-HR PHONE	FAX	WEBSITE URL	
01							
	Public Resources	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

		PIER RESPONSE	PIER RESPONSE	
Charleston		Firefighters able	Firefighters able	
SMFF PROVIDER & CONTRACTED		to respond in 2	to respond in 4	
RESOURCES		hours OR	hours OR	
CITY	Description	WAIVER	WAIVER	Public Firefighter Jurisdiction Limits
Charleston, SC		R1, S1	R1, S1	
Georgetown, SC		R1, S1	R1, S1	
Port Royal, SC		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.