Columbia River CONUS	Timeframe Waiver	timetrame		Resource provider status / response activity timeframe			
SMFF PROVIDER COMPANY & CONTRACTED RESOURCES Jpdated semiannually SALVAGE	Time (Years) OR Waiver End Date	Pier (hours)	CONUS: nearshore area; inland waters; Great Lakes (hours)	CONUS: offshore area (hours)	PIER	NEARSHORE	OFFSHORE
Assessment & Survey:	MAX		REGULATORY REQU	REMENT	COMPANY AND CONTRACTED 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		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
Stabilization:				NY AND CONTRACTED C	APABILITY		
6. Emergency towing (See towing vessel table)			12	18		see towing vessel table	see towing vesse 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
Specialized Salvage Operations:	REGULATORY REQUIREMENT COMPANY AND CONTRACTED CAPABILIT				APABILITY		
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- 30days)	R1 (48hrs- 30days
MARINE FIREFIGHTING							
Assessment & Planning:		REGULATORY REQUIREMENT		COMPANY AND CONTRACTED CAPABILITY			
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, P1, P3, S3	R1, S1, P1, P3, S3	R1, S1, P1, P3, S
Fire Suppression:			REGULATORY REQU	REMENT	ENT COMPANY AND CONTRACTED CAPABILITY		APABILITY
18. External firefighting teams	4	4	8	12	R1, S1, P1, P3, S3	R1, S1, P1, P3, S3	R1, S1, P1, P3, S
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 re	•	•		•	, provide a descriptio		
esponse and an estimated response time when these services are requir	ed. However, none	e of the time	etrames listed in the tai	ble §155.4030(b) Will a	apply to these services.		
.55.4030(a) required, Columbia River	Columbia River - 33 CFR 155.4030(f) SMFF PROVIDER - TRANSFER EQUIPMENT			Columbia River KEY CONUS			
&T Salvage, LLC	Largest tank -this	zone	*12,828,024	gallons			
4 Hour Emergency Response 713-534-0700	Heaviest Oil	a conocitu	crude *524 501	a/n/h	54	CONTRACTED-AVA Primary Resource Pr	
<u>vww.ttsalvage.com</u>	Required pumpin Sources:	g capacity	*534,501	R\h\11	R1	Subcontractor - Priva	
					P1, P3 Consent - Public Resources		
						COVERED & EXPLA	
	Columbia River 33 CFR 155.4030(g)				Further Description Provided		
Columbia River - 33 CFR 155 4030(a)	· · · · ·	Columbia P	River 33 CFR 155 40	)30(a)		Further Description P	Provided
Columbia River - 33 CFR 155.4030(g) SMFF PROVIDER - EXTINGUISHING AGENT			River 33 CFR 155.40 R - EXTERNAL FIR			Further Description F Waiver Information P	
	SMFF	PROVIDE		E PUMPS			Provided Below
SMFF PROVIDER - EXTINGUISHING AGENT	SMFF	Road Coos Ba	R - EXTERNAL FIR	E PUMPS Fishcon Hellbeater		Waiver Information P	Provided Below

Sources: <b>R1, S1</b> Columbia River - 33 CFR 155.4030(e) SMFF PROVIDER - TOWING VESSELS Capable of opera	R1, S1	*213,438 BOLLARD PULL	g/p/h HORSEPOWER	SMFF PROVIDE Resources to remove 40 to 150 feet deep at	bia River - 33 CFR 155.4030(h) ER - SUBSURFACE EXTERNAL PUMPS cargo and fuel in waters re available in this zone:
				Sources: ATTACH DESCRIPTION	K1 N 1
				1. Description of He	eavy Lift capability for this zone:
				COTP sone arriving a	ting heavy lift assets could be dispatched to the at the following estimated timeframes: AIR-48 US WC/SEA-7 DAYS-WC/SEA-30 DAYS-US GULF
				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							
PRI	MARY RESOURCE PROVIDER	NAME	LOCATION	24-HR PHONE	FAX	WEBSITE URL	
<b>R1</b>	T&T Salvage, LLC	DeeAnn Ebanks	Panama City, FL/ Houston, TX	713-534-0700		www.ttsalvage.com	
<b>R1</b>	T&T Salvage, LLC	JoAnn Henzel	Ft Lauderdale, FL	713-534-0700		www.ttsalvage.com	
<b>R1</b>	T&T Salvage, LLC	Mauricio Garrido	Houston, TX	713-534-0700		www.ttsalvage.com	
<b>R1</b>	T&T Salvage, LLC	Jim Elliott	Houston, TX	713-534-0700		www.ttsalvage.com	
<b>R1</b>	T&T Salvage, LLC	Mike Popa	Detroit, MI	713-534-0700		www.ttsalvage.com	
<b>R1</b>	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	I ER CONTRACTED PROVIDERS	NAME	LOCATION	24-HR PHONE	FAX	WEBSITE URL	
01							
	Public Resources	NAME	LOCATION	24-HR PHONE	COTP ZONE	JURISDICTION LIMITS	
P1	Vancouver Fire Department	Don Bivins	Vancouver, WA	360-992-9200	Colmbia River		
P3	Clark County Fire Department	Dennis Mason	Ridgefield, WA	360-969-4461	<b>Colmbia River</b>		

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

Columbia River SMFF PROVIDER & CONTRACTED RESOURCES CITY	Description		PIER RESPONSE Firefighters able to respond in 4 hours OR WAIVER	
Astoria, OR		R1, S1	R1, S1	
Coos Bay, OR		R1, S1	R1, S1	
Longview, WA		R1, S1	R1, S1	
Pacific City, OR		R1, S1	R1, S1	
Port Orford, OR		R1, S1	R1, S1	
Vancouver, WA		R1, S1	R1, S1	P1

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