

Salvage and Marine Firefighting Core Geographic Specific Appendices

**D8 - Port Arthur
Donjon-SMIT, LLC**

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REVISION: 2020-26; 1 January 2020

1.) 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
i) Assessment & Survey:		REGULATORY REQUIREMENT			COMPANY AND CONTRACTED CAPABILITY		
A.) Remote assessment and	N/A		1	1		R1	R1
B.) Begin assessment of structural	1		3	3		R1, S17, S6, S42	R1, S17, S6, S42
C.) On-site salvage assessment	1		6	12		RSA, PRONAV	RSA, PRONAV
D.) Assessment of structural stability	1		12	18		R1, S17, S6, S42	R1, S17, S6, S42
E.) Hull and bottom survey	2		12	18		R1 S3 S9 S43 S12	R1 S3 S9 S43 S12
ii) Stabilization:							
A.) Emergency towing (See towing & firefighting vessel table "33 CFR 155.4030(e)")	3		12	18		SEE BELOW TOWING VESSELS LIST	SEE BELOW TOWING VESSELS LIST
B.) Salvage plan	3		16	22		R1	R1
C.) External emergency transfer operations	3		18	24		R1 S5 S14	R1 S5 S14
D.) Emergency lightering	N/A		18	24		R1 S5 S14	R1 S5 S14
E.) Other refloating methods	3		18	24		R1	R1
F.) Making temporary repairs	3		18	24		R1	R1
G.) Diving services support	3		18	24		R1 S3 S9 S43 S12	R1 S3 S9 S43 S12
iii) Specialized Salvage Operations:							
A.) Special salvage operations plan	5		18	24		R1	R1
B.) Subsurface product removal	5		72	84		R1	R1
C.) Heavy Lift	N/A		ESTIMATE	ESTIMATE		R1 / 11 Days	R1 / 11 Days
2.) Marine Firefighting							
i.) Assessment & Planning							
A.) Remote assess & consult	N/A		1	1		R1	R1
B.) On-site fire assessment	1		2	6		RSA, PRONAV	R1, RSA
ii.) Fire Suppression:							
A.) External firefighting teams	4		4	8		PRONAV	PRONAV, R1, S8
B.) External VSL firefighting systems	4		4	12		S5, S2, S18, S21, S38	R1, S8, S5, S2, S18, S21, S38

D8 - Port Arthur KEY

CONTRACTED - AVAILABLE		COVERED & EXPLAINED		NOT COVERED	
R xx	Primary Resource Provider	xx	Further Description Provided	DATE	GAP - Corrected soon
S xx	Subcontractor - Private	W xx	Waiver Information Provided		GAP - No coverage anticipated
P xx	Consent - Public Resources	APC xx	APC Information Provided		

D8 - Port Arthur PIERS (ID'ed by City or Facility)	DESCRIPTION, IF ANY	FIREFIGHTERS RESPONDING IN 2 HOURS OR LESS	FIREFIGHTERS RESPONDING IN 4 HOURS OR LESS	WITHIN PUBLIC FIREFIGHTER JURISDICTIONAL LIMITS
Hill Corp., Gibbstown Dock.	Shipment of crude oil by barge.	RSA, PRONAV	RSA, PRONAV	N/A
OSCA, Cameron Wharf.	Receipt of calcium chloride and calcium bromide; shipment of bagged and liquid-bulk drilling fluids, additives, and other oil-field chemicals.	RSA, PRONAV	RSA, PRONAV	N/A
PPG Industries, "C" Dock	Receipt and shipment of liquid caustic soda; shipment of organic solvents.	RSA, PRONAV	RSA, PRONAV	N/A
Marine Fueling Service, Bean's Fleet West Fleet Area.	Mooring and fleeting barges; loading barges for bunkering vessels at berth in harbor.	RSA, PRONAV	RSA, PRONAV	N/A
Lake Charles Carbon Co. Wharf.	Receipt of green coke; shipment of calcined petroleum coke and molded carbon-anode blocks.	RSA, PRONAV	RSA, PRONAV	N/A
Citgo Pipeline Co., Clifton Ridge Terminal Barge Wharf.	Receipt and shipment of crude oil and petroleum-feed stock by barge.	RSA, PRONAV	RSA, PRONAV	N/A
Citgo Pipeline Co., Clifton Ridge Terminal Tanker Wharf.	Receipt and shipment of crude oil and petroleum-feed stock.	RSA, PRONAV	RSA, PRONAV	N/A
Kinder Morgan Bulk Terminals, Port Arthur Raw- Petroleum Coke Wharf.	Receipt of green petroleum coke and wastewater from coke barges.	RSA, PRONAV	RSA, PRONAV	N/A
ExxonMobil Exploration and Production Co., Grand Isle Base Wharf.	Shipment of fuel; water; and equipment, materials, and supplies for offshore industry.	RSA, PRONAV	RSA, PRONAV	N/A
Global Terminals Services Wharf.	Shipment of petroleum coke.	RSA, PRONAV	RSA, PRONAV	N/A
Union Oil Co. of California, Beaumont Terminal Crude Dock No. 3.	Receipt and shipment of crude oil by barge; mooring barges awaiting loading and unloading.	RSA, PRONAV	RSA, PRONAV	N/A
Union Oil Co. of California, Beaumont Terminal, Main Dock Berths 1-5 and 7.	Receipt and shipment of crude oil, petroleum products, and petrochemicals; receipt of ballast water; and of bunker fuel and other products by barge for bunkering; loading tankers berthed at wharf.	RSA, PRONAV	RSA, PRONAV	N/A
Union Oil Co. of California, Beaumont Terminal Crude Dock No. 2.	Receipt of crude oil and ballast water. (See Remarks.)	RSA, PRONAV	RSA, PRONAV	N/A
CMS Trunkline LNG Co. Wharf.	Receipt of liquefied natural gas and bunker fuel; bunkering tankers at berth.	RSA, PRONAV	RSA, PRONAV	N/A
ExxonMobil Refining & Supply Co., Beaumont Refinery Wharf No. 5.	Receipt of crude and lubricating oils and ballast water; shipment of petroleum products; occasional bunkering of tankers berthed at wharf; and loading barges for bunkering vessels at berth.	RSA, PRONAV	RSA, PRONAV	N/A
ExxonMobil Refining & Supply Co., Beaumont Refinery Wharf No. 2.	Receipt of lubricating oil and ballast water; shipment of petroleum products and fresh caustic soda.	RSA, PRONAV	RSA, PRONAV	N/A
ExxonMobil Refining & Supply Co., Beaumont Refinery Wharf No. 4.	Receipt of lubricating oil and ballast water; shipment of petroleum products; occasional bunkering of tankers berthed at wharf; and loading barges for bunkering vessels at berth.	RSA, PRONAV	RSA, PRONAV	N/A

Conoco, Westlake Products Terminal Dock No. 2.	Receipt and shipment of crude oil and petroleum products by barge; receipt of methanol by barge; loading bunkering barges for bunkering company-owned vessels; and fueling company-owned towboats.	RSA, PRONAV	RSA, PRONAV	N/A
Conoco, Westlake Products Terminal Dock	Receipt of crude oil; shipment of petrochemicals and petroleum products.	RSA, PRONAV	RSA, PRONAV	N/A
Conoco, Westlake Products Terminal Dock	Receipt of crude oil; shipment of petroleum products.	RSA, PRONAV	RSA, PRONAV	N/A
Venco, Lake Charles Calcining Plant Green Coke Barge Wharf.	Receipt of green petroleum coke by barge.	RSA, PRONAV	RSA, PRONAV	N/A
Venco, Lake Charles Calcining Plant Ship Wharf.	Venco: shipment of calcined petroleum coke. Westlake Styrene: receipt of benzene and shipment of styrene.	RSA, PRONAV	RSA, PRONAV	N/A
Ambar Corp., Center Wharf.	Shipment of bulk barite; handling supplies for offshore oil industry; fueling vessels.	RSA, PRONAV	RSA, PRONAV	N/A
Ambar Corp., West Wharf.	Shipment of equipment, bulk barite, drilling mud, and diesel fuel by offshore service vessel.	RSA, PRONAV	RSA, PRONAV	N/A
ASCO Oil and Gas Services, Cameron Upper Wharf.	Receipt of crude oil; shipment of petroleum products; and loading barge for lubricating oil by offshore service vessels; fueling vessels; and loading barge for maintenance water services.	RSA, PRONAV	RSA, PRONAV	N/A
Papco, Clam Lake Field Slip.	Shipment of crude oil by barge.	RSA, PRONAV	RSA, PRONAV	N/A
Premcor Refining Group, Port Arthur Refinery Berths Nos.1-6.	Receipt and shipment of crude oil, petrochemicals, and petroleum products; receipt of liquid caustic soda; shipment of spent liquid caustic soda; and occasional loading of barges for bunkering vessels.	RSA, PRONAV	RSA, PRONAV	N/A
Beaumont Bulk Terminal, Coke Wharf.	Shipment of petroleum coke.	RSA, PRONAV	RSA, PRONAV	N/A
ANR Pipeline Co., Sabine Pass Wharf.	Shipment of materials and supplies for offshore pipeline operations. Fueling company-owned or operated vessels.	RSA, PRONAV	RSA, PRONAV	N/A
Pharaoh Oil & Gas, Phoenix Lake Field-Loading Dock.	Shipment of crude oil by barge.	RSA, PRONAV	RSA, PRONAV	N/A
Central Crude Wharf.	Shipment of crude oil by barge.	RSA, PRONAV	RSA, PRONAV	N/A
Shell Pipeline, Haymark Terminal Wharf.	Shipment of crude oil.	RSA, PRONAV	RSA, PRONAV	N/A
Motiva Enterprises, Port Arthur Terminal, Dock No. 2, Berths 1 and 2.	Receipt of crude oil; shipment of petroleum products; occasional loading of barges for bunkering vessels at berth; mooring barges; and mooring vessels for transfer of plant materials to barges.	RSA, PRONAV	RSA, PRONAV	N/A
Motiva Enterprises, Port Arthur Terminal, Dock No. 1, Berths 6 and 7.	Receipt of methyl tertiary butyl ether and ballast water; shipment of petroleum products and cyclohexane; occasional loading of barges for bunkering vessels at berth.	RSA, PRONAV	RSA, PRONAV	N/A
Fina Oil and Chemical Company, Port Arthur Terminal Dock A.	Receipt and shipment of benzene, toluene, and petroleum products.	RSA, PRONAV	RSA, PRONAV	N/A
Fina Oil and Chemical Co., Port Arthur Terminal Dock B.	Receipt of asphaltene and xylene; receipt and shipment of benzene, toluene, and petroleum products.	RSA, PRONAV	RSA, PRONAV	N/A
Fina Oil and Chemical Co., Port Arthur Terminal Dock No.1.	Receipt of crude oil and xylene; shipment of petroleum products; and receipt and shipment of naphtha.	RSA, PRONAV	RSA, PRONAV	N/A
Calcasieu Refining Co. Wharves.	Receipt of crude oil; shipment and occasional receipt of petroleum products.	RSA, PRONAV	RSA, PRONAV	N/A
TE Products Pipeline Co., Beaumont Marine Terminal Ship Dock.	Receipt and occasional shipment of petroleum products.	RSA, PRONAV	RSA, PRONAV	N/A
TE Products Pipeline Co., Beaumont Marine Terminal Barge Dock.	Receipt and occasional shipment of petroleum products.	RSA, PRONAV	RSA, PRONAV	N/A
Dehyco Wharf.	Handling offshore oil-field equipment and supplies; fueling vessels.	RSA, PRONAV	RSA, PRONAV	N/A
Louisiana Resources Co., Calcasieu River Loading-Terminal Dock.	Shipment of condensate crude oil by barge.	RSA, PRONAV	RSA, PRONAV	N/A
Sun Pipe Line Co., Rose City Wharf.	Shipment of crude oil by barge.	RSA, PRONAV	RSA, PRONAV	N/A
Sun Marine Terminals, Dock No. 1.	Receipt and shipment of crude oil, petroleum products, and petrochemicals; receipt of ballast water; bunkering tankers berthed at wharf.	RSA, PRONAV	RSA, PRONAV	N/A
Sun Marine Terminals, Docks A and B.	Receipt and shipment of crude oil.	RSA, PRONAV	RSA, PRONAV	N/A
Sun Marine Terminals, Dock No. 5.	Receipt and shipment of crude oil; receipt of ballast water; and bunkering tankers berthed at wharf.	RSA, PRONAV	RSA, PRONAV	N/A
Sun Marine Terminals, Dock No. 3.	Receipt and shipment of crude oil; receipt of ballast water; and bunkering tankers berthed at wharf.	RSA, PRONAV	RSA, PRONAV	N/A
Sun Marine Terminals, Dock No. 2.	Receipt and shipment of crude oil; receipt of ballast water; and bunkering tankers berthed at wharf.	RSA, PRONAV	RSA, PRONAV	N/A
Sun Marine Terminals, Dock No. 4.	Receipt and shipment of crude oil; receipt of ballast water; and bunkering tankers berthed at wharf.	RSA, PRONAV	RSA, PRONAV	N/A
Sun Marine Terminals, Dock C.	Receipt and shipment of petroleum products, including bunker fuels and lubricating oils, and of petrochemicals; loading barges for bunkering vessels.	RSA, PRONAV	RSA, PRONAV	N/A
Plains Marketing, Mermentau Terminal Dock.	Shipment of crude oil by barge.	RSA, PRONAV	RSA, PRONAV	N/A
Plains Marketing, Grand Chenier Wharf.	Shipment of crude oil by barge.	RSA, PRONAV	RSA, PRONAV	N/A
Great Lakes Carbon Corp. Wharf.	Shipment of calcined petroleum coke.	RSA, PRONAV	RSA, PRONAV	N/A
British Petroleum Co., Grand Isle Tank Battery Wharf.	Occasional shipment of fuel and water for offshore industry; and ferry personnel to and from offshore oil platforms.	RSA, PRONAV	RSA, PRONAV	N/A
Tesoro Marine Services, Cameron Fuel Station Nos. 5 and 6 Wharves.	Fueling offshore utility boats.	RSA, PRONAV	RSA, PRONAV	N/A
Tesoro Marine Services, Cameron Fuel Station No. 4 Wharf.	Fueling vessels for offshore oil industry.	RSA, PRONAV	RSA, PRONAV	N/A
Tesoro Marine Services, Cameron Main Yard.	Shipment of drilling and oil-production supplies and equipment for offshore service vessels; fueling vessels.	RSA, PRONAV	RSA, PRONAV	N/A
Tesoro Marine Services, Cameron Fuel Station No. 3 Wharf.	Shipment of equipment and lube oil for offshore service vessel; fueling offshore service vessels.	RSA, PRONAV	RSA, PRONAV	N/A
Offloading Beaumont, South Wharf.	Receipt and shipment of petroleum products.	RSA, PRONAV	RSA, PRONAV	N/A
Offloading Beaumont, North Wharf.	Receipt and shipment of petroleum products.	RSA, PRONAV	RSA, PRONAV	N/A
Plains Marketing, Sabine Pass Wharf.	Receipt and shipment of crude oil.	RSA, PRONAV	RSA, PRONAV	N/A
Plains Marketing, Star Lake Terminal Slip.	Shipment of crude oil by barge.	RSA, PRONAV	RSA, PRONAV	N/A
Tesoro Marine Services, Port O'Connor Offshore Supply Facility, West Slip.	Handling materials, supplies, and equipment for offshore oil-well operations; mooring and fueling offshore supply vessels; receipt of diesel fuel.	RSA, PRONAV	RSA, PRONAV	N/A
Conoco, Pecan Grove Marine Terminal Wharf.	Receipt and shipment of lube oil; receipt of crude oil; and shipment of caustic-sodium hydrosulfide by barge.	RSA, PRONAV	RSA, PRONAV	N/A
Conoco, Clifton Ridge Marine Terminal Barge Wharf.	Receipt of crude oil and bunker fuel by barge.	RSA, PRONAV	RSA, PRONAV	N/A
Conoco, Clifton Ridge Marine Terminal Tanker Wharf.	Receipt of crude oil; bunkering vessels.	RSA, PRONAV	RSA, PRONAV	N/A
Chevron Phillips Chemical Co., Port Arthur	Receipt of liquefied petroleum gas and light-blending aromatics by barge.	RSA, PRONAV	RSA, PRONAV	N/A
ANR Pipeline, Grand Chenier Wharf.	Receipt of natural gas by barge.	RSA, PRONAV	RSA, PRONAV	N/A
American International Refinery, Lake Charles Wharf.	Receipt of crude oil and shipment of petroleum products, including asphalt by barge.	RSA, PRONAV	RSA, PRONAV	N/A

Below calculations based on ULCC tank vessel of approximately 442,000 dwt and 339 meters in length

Donjon-SMIT, LLC - local contact 155.4030(a) required, D8 - Port Arthur LOCAL CONTACT Doug Martin 24 HOUR PHONE +1 703-299-0081 WEB LINK: www.donjon-smit.com REFER TO COMPANY INFORMATION ELSEWHERE IN VRP	D8 - Port Arthur 33 CFR 155.4030(g) Donjon-SMIT, LLC - EXTERNAL FIRE PUMPS Largest deck -this zone: 218,905 sq ft Lgst calculated qty/20 min: 70,050 gallons Required pumping capacity: 3,502 GPM Sources: R1 S5 S8 S2 S18 S38 S53 Also see Rain for Rent (S5) - Standard Minimum Equipment under 33 CFR 155.4030(f) and firefighting capable tugs under 33 CFR 155.4030(e). Aerial firefighting also available via helicopter bucket and foam (S52).	33 CFR 155.4030(f) Donjon-SMIT, LLC - TRANSFER EQUIPMENT Largest tank -this zone: 12,680,379 gallons Heaviest Oil: Group IV Oil Required pumping capacity: 8,806 GPM Rain for Rent (S5) - Standard Minimum Equipment Available at Each Location
D8 - Port Arthur - 33 CFR 155.4030(g) Donjon-SMIT, LLC - EXTINGUISHING QUANTITY / TYPE	D8 - Port Arthur 33 CFR 155.4030(h) Donjon-SMIT, LLC - SUBSURFACE EXTERNAL PUMPS	Type of Pump* DV Series Trash Pumps 6"x4" DV-100c Water Flow Rate (GPM) 834 Quantity 10

Donjon-SMIT, LLC and Subcontracted Resource Providers							
PRIMARY RESOURCE PROVIDER	Company GSA Designator	POC	LOCATION	24-HR PHONE	SMFF SERVICES	WEBSITE URL	
Donjon-SMIT, LLC	R1	Tim Williamson	Alexandria, VA	703-299-0081	All Services	www.donjon-smit.com	
Donjon Marine Company	R1	John Witte	Hillside NJ	908-353-2600	All Services	www.donjon.com	
SMIT Salvage Americas	R1	Doug Martin	Houston, TX	281-372-3500	All Services	www.smit.com	
Rapid Situation Assessors	RSA	Tim Williamson	Various (See Below Attached Sheet)	703-299-0081	1IC; 2IB	www.donjon-smit.com	
PRONAV Salvage & Marine Firefighting Teams	PRONAV	Tim Williamson	Various (See Below Attached Sheet)	703-299-0081	1IC; 2IB; 2IIA	www.donjon-smit.com	
FOR PRIMARY PROVIDER'S SUBCONTRACTORS, SEE BELOW ATTACHED SHEET							
PUBLIC RESOURCES BEING UTILIZED	GSA Designator	POC	LOCATION	24-HR PHONE	URL		LIMITS
Waivers	Description of Coverage						
1	Time est / resource	N/A					
W1	Waiver exp date / attached	N/A					
APC1	APC sunset date / attached	N/A					
<p style="text-align: center;">D8 - Port Arthur</p> <p style="text-align: center;">Donjon-SMIT, LLC</p> <p style="text-align: center;">COMPANY & CONTRACTED RESOURCES (ATTACHED PRIMARY PROVIDER'S SUBCONTRACTORS)</p> <p style="text-align: center;">(ATTACHED Rapid Situation Assessors and PRONAV Salvage & Marine Firefighting Team Members)</p> <p style="text-align: center;">REVISION: 2020-26: 1 January 2020</p>							