

# Salvage and Marine Firefighting Core Geographic Specific Appendices

## D5 - Delaware Bay Donjon-SMIT, LLC

**24 HOUR PHONE: +1 703-299-0081**

**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
<b>i) Assessment &amp; Survey:</b>		<b>REGULATORY REQUIREMENT</b>			<b>COMPANY AND CONTRACTED CAPABILITY</b>		
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		R1, RSA, PRONAV	R1, 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 S26 S35 S19	R1 S3 S26 S35 S19
<b>ii) Stabilization:</b>							
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	3		18	24		R1, S5	R1, S5
D.) Emergency lightering	N/A		18	24		R1, S5	R1, S5
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 S26 S35	R1 S3 S26 S35
<b>iii) Specialized Salvage Operations:</b>							
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 / 24 hrs	R1 / 24 hrs
<b>2.) Marine Firefighting</b>							
<b>i.) Assessment &amp; Planning</b>							
A.) Remote assess & consult	N/A	1	1	1	R1	R1	R1
B.) On-site fire assessment	1	2	6	12	RSA, PRONAV	R1, RSA	R1, RSA
<b>ii.) Fire Suppression:</b>							
A.) External firefighting teams	4	4	8	12	PRONAV	PRONAV, R1, S8	PRONAV, R1, S8
B.) External VSL firefighting systems	4	4	12	18	R1 S5 S2	R1 S5 S2	R1 S5 S2

## D5 - Delaware Bay 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		

D5 - Delaware Bay 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
Interstate Storage and Pipeline Corp. Wharf.	Receipt of aviation fuel by barge.	RSA PRONAV	RSA PRONAV	N/A
Public Service Electric and Gas Co., Burlington Generating Station Wharf.	Receipt of fuel oil and kerosene by barge for plant consumption.	RSA PRONAV	RSA PRONAV	N/A
MAFCO Worldwide Corp. Pier.	Receipt of fuel oil by barge for plant consumption.	RSA PRONAV	RSA PRONAV	N/A
Petron Oil Corp. Wharf.	Receipt of petroleum products by barge.	RSA PRONAV	RSA PRONAV	N/A
PECO Energy, Croydon Generating Station	Receipt of fuel oil for plant consumption.	RSA PRONAV	RSA PRONAV	N/A
Star Enterprise, Delaware City Pier No. 1.	Receipt of crude oil; bunkering tankers berthed at wharf.	RSA PRONAV	RSA PRONAV	N/A
Star Enterprise, Delaware City Pier No. 2.	Receipt of crude oil; shipment of petroleum products; bunkering tankers berthed at wharf.	RSA PRONAV	RSA PRONAV	N/A
Star Enterprise, Delaware City Pier No. 3.	Receipt of crude oil; shipment of petroleum products and methanol; bunkering tankers berthed at wharf.	RSA PRONAV	RSA PRONAV	N/A
PECO Energy, Eddystone Station Lower Wharf.	Receipt of fuel oil; and occasional receipt of coal by self-unloading vessel for plant consumption.	RSA PRONAV	RSA PRONAV	N/A
PECO Energy, Eddystone Station Upper Wharf.	Receipt of fuel oil; and occasional receipt of coal by self-unloading vessel for plant consumption.	RSA PRONAV	RSA PRONAV	N/A
Delmarva Power Co., Edgemore Power Plant	Receipt of fuel oil for plant consumption.	RSA PRONAV	RSA PRONAV	N/A
Sun Pipe Line Co., Fort Mifflin Terminal Wharf A.	Receipt of crude oil and petroleum products by tanker and barge.	RSA PRONAV	RSA PRONAV	N/A
Sun Pipe Line Co., Fort Mifflin Terminal Wharf B.	Receipt of crude oil and petroleum products; bunkering vessels; and loading barges for bunkering vessels at berth in harbor.	RSA PRONAV	RSA PRONAV	N/A
Sun Refining and Marketing Co., Hog Island Wharf.	Receipt of crude oil and methyl tertiary butyl ether by vessel and occasionally by barge.	RSA PRONAV	RSA PRONAV	N/A
Koch Refining Co., Gloucester City Wharf.	Receipt and shipment of petroleum products; fueling tugboats.	RSA PRONAV	RSA PRONAV	N/A
Sun Refining and Marketing Co., Marcus Hook Wharf Berth No. 3C.	Receipt of crude oil; receipt and shipment of petroleum products and petrochemicals; bunkering tankers berthed at wharf; and receipt and shipment of liquefied petroleum gas.	RSA PRONAV	RSA PRONAV	N/A
Sun Refining and Marketing Co., Marcus Hook Wharf Berths Nos. 1, 1B, and 1C.	Receipt of crude oil; receipt and shipment of petroleum products; bunkering tankers berthed at wharf; loading barges for bunkering vessels; and mooring company-owned launches.	RSA PRONAV	RSA PRONAV	N/A
Sun Refining and Marketing Co., Marcus Hook Wharf Berths Nos. 2 and 2C.	Receipt of crude oil; receipt and shipment of petroleum products; shipment of petrochemicals; bunkering tankers berthed at wharf; and loading barges for bunkering vessels.	RSA PRONAV	RSA PRONAV	N/A
Sun Refining and Marketing Co., Marcus Hook Wharf Berths Nos. 3A and 3B.	Receipt of crude oil; receipt and shipment of petroleum products, petrochemicals, and liquefied petroleum gas; bunkering tankers berthed at wharf; and loading barges for bunkering vessels.	RSA PRONAV	RSA PRONAV	N/A
Tosco Refining Co., Marcus Hook Barge	Receipt of crude oil; receipt and shipment of petroleum products.	RSA PRONAV	RSA PRONAV	N/A

Tosco Refining Co., Marcus Hook Wharf Docks Nos. 1 and 2	Receipt of crude oil; receipt and shipment of petroleum products; bunkering tankers berthed at wharf.	RSA PRONAV	RSA PRONAV	N/A
Citgo Asphalt Refining Co., Paulsboro Terminal Main Wharf.	Receipt of crude oil; shipment of asphalt.	RSA PRONAV	RSA PRONAV	N/A
Citgo Asphalt Refining Co., Paulsboro Terminal Upper Wharf.	Receipt of petroleum products and petrochemicals.	RSA PRONAV	RSA PRONAV	N/A
GATX Terminals Corp., Paulsboro Terminal Wharf.	Receipt of petroleum products by tanker; shipment of petroleum products by barge.	RSA PRONAV	RSA PRONAV	N/A
Mobil Oil Corp., Paulsboro Refinery Tanker Wharf.	Receipt of crude oil and petroleum products; bunkering tankers berthed at wharf.	RSA PRONAV	RSA PRONAV	N/A
Mobil Oil Corp., Paulsboro Refinery Tug Wharf and Berths Nos. 1, 2, 2A, 2B, 3A, 3, 3B	Receipt of crude oil, petroleum products, and sodium silicate; shipment of bulk-and-packaged petroleum products; fueling tugboats; and bunkering tankers berthed at wharf.	RSA PRONAV	RSA PRONAV	N/A
Sun Refining and Marketing Co., Paulsboro Terminal Wharf.	Receipt of petroleum products.	RSA PRONAV	RSA PRONAV	N/A
E. I. du Pont de Nemours & Co., Chambers Works Main Wharf.	Receipt of acids; shipment of acids and organic chemicals.	RSA PRONAV	RSA PRONAV	N/A
Amerada Hess Corp., Pennsauken Dock No. 1 and Lower Dock.	Receipt and shipment of petroleum products.	RSA PRONAV	RSA PRONAV	N/A
Amerada Hess Corp., Pennsauken Dock No.	Receipt and shipment of petroleum products by barge.	RSA PRONAV	RSA PRONAV	N/A
Amerada Hess Corp., Pennsauken Docks Nos. 3, 4, 5, and 6.	Receipt and shipment of petroleum products by barge.	RSA PRONAV	RSA PRONAV	N/A
Citgo Petroleum Corp., Petty's Island Terminal Dock.	Citgo Petroleum Corp.: receipt and shipment of petroleum products. Koch Oil Inc.: receipt of asphalt.	RSA PRONAV	RSA PRONAV	N/A
Amerada Hess Corp., Schuylkill Terminal Lower Dock.	Receipt of petroleum products by barge.	RSA PRONAV	RSA PRONAV	N/A
Amerada Hess Corp., Schuylkill Terminal Upper Dock Wharf.	Receipt of petroleum products by barge.	RSA PRONAV	RSA PRONAV	N/A
C. R. Warner, Yankee Point Terminal	Receipt and occasional shipment of petroleum products by barge.	RSA PRONAV	RSA PRONAV	N/A
F. C. Haab Co., Schuylkill Terminal Wharf.	Receipt of petroleum products by barge.	RSA PRONAV	RSA PRONAV	N/A
GATX Terminals Corp., Tioga II Marine Terminal Wharf.	Receipt and shipment of petroleum products, petrochemicals, and miscellaneous bulk liquids.	RSA PRONAV	RSA PRONAV	N/A
Louis Dreyfus Energy North America, Philadelphia Wharf.	Receipt and shipment of petroleum products by barge.	RSA PRONAV	RSA PRONAV	N/A
Maritank Philadelphia Wharf.	Receipt and shipment of petroleum products; loading barges for bunkering vessels; and cleaning tank barges.	RSA PRONAV	RSA PRONAV	N/A
PECO Energy, Delaware Station Pier No. 61 North Wharves.	Occasional receipt of fuel oil by barge for plant consumption.	RSA PRONAV	RSA PRONAV	N/A
Philadelphia Thermal Development Co., Terminal Wharf.	Receipt of fuel oil by barge for plant consumption.	RSA PRONAV	RSA PRONAV	N/A
River Associates, Pier No. 9 North Wharves.	Handling drummed lubricating oil to ship's service launches and to harbor-bunkering barges. Mooring company-owned vessels.	RSA PRONAV	RSA PRONAV	N/A
Sun Refining and Marketing Co., Philadelphia Refinery Point Breeze Plant	Shipment of fuel oil by barge.	RSA PRONAV	RSA PRONAV	N/A
Sun Refining and Marketing Co., Philadelphia Refinery, Girard Point Plant	Receipt and shipment of petroleum products, cumene, and benzene.	RSA PRONAV	RSA PRONAV	N/A
Sun Refining and Marketing Co., Philadelphia Refinery, Girard Point Plant	Receipt and shipment of petroleum products.	RSA PRONAV	RSA PRONAV	N/A
Sun Refining and Marketing Co., Philadelphia Refinery, Point Breeze Plant	Shipment of petroleum products.	RSA PRONAV	RSA PRONAV	N/A
Westway Terminal Co., Port Richmond Pier G.	Receipt and shipment of miscellaneous bulk liquids, including fertilizer, caustic soda, and molasses.	RSA PRONAV	RSA PRONAV	N/A
Westway Terminal Co., Port Richmond Pier H.	Receipt and shipment of miscellaneous bulk liquids, including fertilizer, caustic soda, and molasses.	RSA PRONAV	RSA PRONAV	N/A
Meenan Oil Co., Tullytown Wharf.	Receipt of petroleum products.	RSA PRONAV	RSA PRONAV	N/A
Delaware Terminal Co., Port of Wilmington	Receipt of petroleum products.	RSA PRONAV	RSA PRONAV	N/A
Marine Terminal Tanker Berth		RSA PRONAV	RSA PRONAV	N/A
Louis Dreyfus Energy North America, Wilmington Wharf.	Receipt of petroleum products by barge.	RSA PRONAV	RSA PRONAV	N/A
Marine Lubricants Wharf.	Mooring company-owned launches; loading drummed lubricants onto launches for delivery to tankers at anchor.	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, D5 - Delaware Bay LOCAL CONTACT John Witte (Donjon)		D5 - Delaware Bay 33 CFR 155.4030(g) Donjon-SMIT, LLC - EXTERNAL FIRE PUMPS		33 CFR 155.4030(f) Donjon-SMIT, LLC - TRANSFER EQUIPMENT	
<b>24 HOUR PHONE</b> <b>+1 703-299-0081</b> WEB LINK: www.donjon-smit.com REFER TO COMPANY INFORMATION ELSEWHERE IN VRP		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 S2 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).		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	
D5 - Delaware Bay - 33 CFR 155.4030(g) Donjon-SMIT, LLC - EXTINGUISHING QUANTITY / TYPE		D5 - Delaware Bay 33 CFR 155.4030(h) Donjon-SMIT, LLC - SUBSURFACE EXTERNAL PUMPS		Available at Each Location	
180 gal AFFF / Gettysburg, PA (HELO) 275 gal Novacool .4% / Hillside, NJ 50,000 Gallons AFFF & AR-FFF / Eaton, PA 1100 gal AFFF 3% / Linwood, PA Sources: R1, S52, S45, National Foam - Red Alert Service 610-363-1401		Resouces to remove cargo and fuel in waters 40 to 150 feet deep are available in this zone: Sources: R1		Type of Pump*	Water Flow Rate (GPM) Quantity
				DV Series Trash Pumps	
				6"x4" DV-100c	834 10
				6"x6" DV-150i	1601 10
				8"x6" DV175c	1868 4
				12"x8" DV-200c	3002 4
				12"x12" DV-300i	4336 3
				14"x14" DV-350c	8004 2**
				18"x16" DV-400	10005 2**
				HH Series High Head Pumps	
				3"x3" HH-80	283 2
				6"x4" HH-125c	967 2
				8"x6" HH-150	1401 1
				8"x8" HH-200i	2468 2**
				12"x8" HH-225c	3402 2**
				HD Series Hydraulic Submersible Pumps	
				6" Hydra Tech	1600 1
				30"x24" HD-600	12673 1**
				Electric Submersible	
				3" - 6"	200 - 867 2 Each Size
				Larger sizes at some locations *Hose Pipe and Accessories for above pumps will be stocked at each location ** Available Regionally Additional Info on specifications can be found here: <a href="https://www.rainforrent.com/pump-rentals/">https://www.rainforrent.com/pump-rentals/</a>	
Tug Name	Company	HP	Bollard Pull	FIFI Capabilities	
ATLANTIC SALVOR	R1	6480	70	No	
PAUL ANDREW	R1	1200	12	No	
SUSAN E. WITTE	R1	365	4	No	
THOMAS D. WITTE	R1	1500	26	No	
WILLIAM E.	R1	1000	10	No	
MEAGAN ANN	R1	2250	23	No	
CHEYENNE	R1	1800	18	No	
CROW	R1	1800	18	No	
HERBERT P BRAKE	R1	375	4	No	
EMPIRE	R1	375	4	No	
SARAH ANN	R1	2700	27	No	
BART TURECAMO	S2	3000	30	No	

[illegible]

**Donjon-SMIT, LLC**

**COMPANY & CONTRACTED RESOURCES**

*(ATTACHED PRIMARY PROVIDER'S SUBCONTRACTORS)*

*(ATTACHED Rapid Situation Assessors and PRONAV Salvage & Marine Firefighting Team Members)*

***REVISION: 2020-26; 1 January 2020***