

For marine firefighting services, resource providers can include public firefighting resources as long as they are able, in accordance with the requirements of §155.4045(d), and willing to provide the services needed.

Salvage means any act undertaken to assist a vessel in potential or actual danger, to prevent loss of life, damage or destruction of the vessel and release of its contents into the marine environment.

Salvage plan means a plan developed to guide salvage operations except those identified as specialized salvage operations.

Special salvage operations plan means a salvage plan developed to carry out a specialized salvage operation, including heavy lift and/or subsurface product removal.

Subsurface product removal means the safe removal of oil from a vessel that has sunk or is partially submerged underwater. These actions can include pumping or other means to transfer the oil to a storage device.

Underwater vessel and bottom survey means having salvage resources on scene that can perform examination and analysis of the vessel's hull and equipment below the water surface. These resources also include the ability to determine the bottom configuration and type for the body of water. This

service can be accomplished through the use of equipment such as sonar, magnetometers, remotely operated vehicles or divers. When divers are used to perform these services, the time requirements for this service apply and not those of diving services support.

§155.4030 Required salvage and marine firefighting services to list in response plans.

(a) You must identify, in the geographical-specific appendices of your VRP, the *salvage* and *marine firefighting* services listed in Table 155.4030(b)—Salvage and Marine Firefighting Services and Response Timeframes. Additionally, you must list those *resource providers* that you have contracted to provide these services. You may list multiple *resource providers* for each service, but you must identify which one is your primary *resource provider* for each Captain of the Port (COTP) zone in which you operate. A method of contact, consistent with the requirements in §§155.1035(e)(6)(ii) and 155.1040(e)(5)(ii), must also be listed, in the geographical-specific appendices of your VRP, adjacent to the name of the *resource provider*.

(b) Table 155.4030(b) lists the required *salvage* and *marine firefighting* services and response timeframes.

TABLE 155.4030(b)—SALVAGE AND MARINE FIREFIGHTING SERVICES AND RESPONSE TIMEFRAMES

Service	Location of incident response activity timeframe	
(1) Salvage	CONUS: nearshore area; inland waters; Great Lakes; and OCONUS: < or = 12 miles from COTP city (hours)	CONUS: offshore area; and OCONUS: < or = 50 miles from COTP city (hours)
(i) <i>Assessment & Survey:</i>		
(A) Remote assessment and consultation	1	1
(B) Begin assessment of structural stability	3	3
(C) On-site salvage assessment	6	12
(D) Assessment of structural stability	12	18
(E) Hull and bottom survey	12	18
(ii) <i>Stabilization:</i>		
(A) Emergency towing	12	18
(B) Salvage plan	16	22
(C) External emergency transfer operations	18	24
(D) Emergency lightering	18	24
(E) Other refloating methods	18	24
(F) Making temporary repairs	18	24
(G) Diving services support	18	24
(iii) <i>Specialized Salvage Operations:</i>		
(A) Special salvage operations plan	18	24
(B) Subsurface product removal	72	84
(C) Heavy lift ¹	Estimated	Estimated

TABLE 155.4030(b)—SALVAGE AND MARINE FIREFIGHTING SERVICES AND RESPONSE TIMEFRAMES—Continued

(2) Marine firefighting	At pier (hours)	CONUS: Nearshore area; inland waters; Great Lakes; and OCONUS: < or = 12 miles from COTP city (hours)	CONUS: Offshore area; and OCONUS: < or = 50 miles from COTP city (hours)
(i) <i>Assessment & Planning:</i>			
(A) Remote assessment and consultation	1	1	1
(B) On-site fire assessment	2	6	12
(ii) <i>Fire Suppression:</i>			
(A) External firefighting teams	4	8	12
(B) External vessel firefighting systems	4	12	18

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 in § 155.4030(b) will apply to these services.

(c) *Integration into the response organization.* You must ensure that all salvage and marine firefighting resource providers are integrated into the response organizations listed in your plans. The response organization must be consistent with the requirements set forth in §§ 155.1035(d), 155.1040(d) and 155.1045(d).

(d) *Coordination with other response resource providers, response organizations and OSROs.* Your plan must include provisions on how the salvage and marine firefighting resource providers will coordinate with other response resources, response organizations, and OSROs. For example, you will need to identify how salvage and marine firefighting assessment personnel will coordinate response activity with oil spill removal organizations. For services that, by law, require public assistance, there must be clear guidelines on how service providers will interact with those organizations. The information contained in the response plan must be consistent with applicable Area Contingency Plans (ACPs) and the National Oil and Hazardous Substances Pollution Contingency Plan as found in § 155.1030(h).

(e) *Ensuring the proper emergency towing vessels are listed in your VRP.* Your VRP must identify towing vessels with the proper characteristics, horsepower, and bollard pull to tow your vessel(s). These towing vessels must be capable of operating in environments where the winds are up to 40 knots.

(f) *Ensuring the proper type and amount of transfer equipment is listed in your VRP.* Your salvage resource provider must be able to bring on scene a

pumping capability that can offload the vessel's largest cargo tank in 24 hours of continuous operation. This is required for both emergency transfer and lightering operations.

(g) *Ensuring firefighting equipment is compatible with your vessel.* Your plan must list the proper type and amount of extinguishing agent needed to combat a fire involving your vessel's cargo, other contents, and superstructure. If your primary extinguishing agent is foam or water, you must identify resources in your plan that are able to pump, for a minimum of 20 minutes, at least 0.016 gallons per minute per square foot of the deck area of your vessel, or an appropriate rate for spaces that this rate is not suitable for and if needed, an adequate source of foam. These resources described are to be supplied by the resource provider, external to the vessel's own firefighting system.

(h) *Ensuring the proper subsurface product removal.* You must have subsurface product removal capability if your vessel(s) operates in waters of 40 feet or more. Your resource provider must have the capability of removing cargo and fuel from your sunken vessel to a depth equal to the maximum your vessel operates in up to 150 feet.

[USCG–1998–3417, 73 FR 80649, Dec. 31, 2008; 74 FR 7648, Feb. 19, 2009; USCG–2010–0351, 75 FR 36285, June 25, 2010]

§ 155.4032 Other resource provider considerations.

(a) *Use of resource providers not listed in the VRP.* If another resource provider, not listed in the approved plan