

scene, at a safe distance from the vessel or on the vessel, who can determine the steps needed to control and extinguish a marine fire in accordance with a vessel's stability and structural integrity assessment if necessary.

*On-site salvage assessment* means that a salvage professional is on scene, at a safe distance from the vessel or on the vessel, who has the ability to assess the vessel's stability and structural integrity. The data collected during this assessment will be used in the salvage software calculations and to determine necessary steps to save the vessel.

*Other refloating methods* means those techniques for refloating a vessel aside from using pumps. These services include, but are not limited to, the use of pontoons, air bags or compressed air.

*Outside continental United States (OCONUS)* means Alaska, Hawaii, the Commonwealth of Puerto Rico, Guam, American Samoa, the United States Virgin Islands, the Commonwealth of the Northern Marianas, and any other territory or possession of the United States.

*Primary resource provider* means a resource provider listed in the vessel response plan as the principal entity contracted for providing specific salvage and/or marine firefighting services and resources, when multiple resource providers are listed for that service, for each of the COTP zones in which a vessel operates. The primary resource provider will be the point of contact for the planholder, the Federal On Scene Coordinator (FOSC) and the Unified Command, in matters related to specific resources and services, as required in §155.4030(a).

*Remote assessment and consultation* means contacting the salvage and/or marine firefighting resource providers, by phone or other means of communications to discuss and assess the situation. The person contacted must be competent to consult on a determination of the appropriate course of action and initiation of a response plan.

*Resource provider* means an entity that provides personnel, equipment, supplies, and other capabilities necessary to perform salvage and/or marine firefighting services identified in the response plan, and has been arranged by contract or other approved

means. The resource provider must be selected in accordance with §155.4050. 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

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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	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)
(1) Salvage		1 3 6 12 12	1 3 12 18 18
(i) Assessment & Survey:			
(A) Remote assessment and consultation			
(B) Begin assessment of structural stability			
(C) On-site salvage assessment			
(D) Assessment of structural stability			
(E) Hull and bottom survey			
(ii) Stabilization:			
(A) Emergency towing			
(B) Salvage plan			
(C) External emergency transfer operations			
(D) Emergency lightering			
(E) Other refloating methods			
(F) Making temporary repairs			
(G) Diving services support			
(iii) Specialized Salvage Operations:			
(A) Special salvage operations plan			
(B) Subsurface product removal			
(C) Heavy lift <sup>1</sup>		Estimated	Estimated
(2) Marine firefighting	At pier (hours)		CONUS: Offshore area; and OCONUS: < or = 50 miles from COTP city (hours)
(i) Assessment & Planning:			
(A) Remote assessment and consultation	1		1
(B) On-site fire assessment	2		12

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

<i>(ii) Fire Suppression:</i>			
(A) External firefighting teams .....	4	8	12
(B) External vessel firefighting systems .....	4	12	18

<sup>1</sup> 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 for the specific service required, is to be contracted for a specific response, justification for the selection of that resource provider needs to be provided to, and approved by, the FOSC. Only under exceptional circumstances will the FOSC authorize deviation from the resource provider listed in the approved vessel response plan in instances where that would best affect a more successful response.

(b) *Worker health and safety.* Your resource providers must have the capability to implement the necessary engineering, administrative, and personal protective equipment controls to safeguard their workers when providing salvage and marine firefighting services, as found in 33 CFR 155.1055(e) and 29 CFR 1910.120(q).

**§ 155.4035 Required pre-incident information and arrangements for the salvage and marine firefighting resource providers listed in response plans.**

(a) You must provide the information listed in §§ 155.1035(c) and 155.1040(c) to your salvage and marine firefighting resource providers.

(b) *Marine firefighting pre-fire plan.* (1) You must prepare a vessel pre-fire plan in accordance with NFPA 1405, Guide