

ART 1.6.4 Provide Diver Support

Provide diving equipment and personnel to conduct underwater operations. Engineer dive teams provide underwater reconnaissance, salvage, recovery, construction, demolition, repairs, inspections, and hydrographic survey operations in support of the full spectrum operations. (FM 3-34.280) (USAES)

NO.	Scale	Measure
01	Yes/No	Engineer diving support increased available berthing positions to on load and off-load cargo from ships.
02	Yes/No	Engineer diving team conducted hydrographic surveys and established navigational waterways.
03	Yes/No	Engineer diving teams eliminated underwater obstacles in support of bridging operations and ships traffic.
04	Yes/No	Engineer diving teams inspected underwater structures to aid in military load class analysis.
05	Yes/No	Engineer diving teams supported mobility and countermobility along inland waterways, ports, and harbors.
06	Yes/No	Engineer diving teams located and recovered submerged personnel, equipment, weapon systems, or all of these.
07	Yes/No	Engineer dive teams conducted damage survey and repair operations.
08	Yes/No	Unit conducted joint logistics over-the-shore operations by time specified by higher headquarters.
09	Time	To repair underwater portions of waterfront facilities.
10	Time	To conduct hydrographic survey of 1,000 square meters.
11	Time	To remove obstacles to navigation and bridging operations.
12	Time	To plan and inspect underwater structures.
13	Time	To clear debris and wreckage from underwater structures.
14	Time	To repair underwater structures.
15	Time	To install physical security systems.
16	Percent	Of underwater pipelines inspected, maintained, or repaired.
17	Percent	Of channels and waterways surveyed in an area of

		operations.
18	Percent	Of identified obstacles emplaced or reduced.
19	Percent	Of port facilities open, construction completed, and rehabilitation completed.
20	Percent	Of vessel underwater hulls inspected during security swim operations.
21	Percent	Of vessels with current in-water hull inspections completed.
22	Percent	Of mooring systems inspected and repaired in a specified area.
23	Percent	Of offshore petroleum distribution pipeline and components inspected and maintained in a specified area.
24	Percent	Of construction completed on underwater structures.
25	Number	Of fording sites identified and reported to higher headquarters.
26	Number	Of rafting sites identified and reported to higher headquarters.
27	Number	Of wet gap crossing operations conducted by a specified time.
28	Number	Of bridge inspection and repairs conducted by a specified time.
29	Number	Of hydrographic survey products rendered in a specified time.
30	Number	Of salvage operations completed in a specified time.
31	Number	Of search and recovery missions completed in a specified time.
32	Number	Of security inspection missions of bridges, ports, locks, and dams missions completed during rotation.
33	Number	Of ships husbandry missions completed in a specified time.
34	Number	Of in-water maintenance missions conducted in a port facility.

Supporting Collective Tasks:

Task No.	Title	Proponent	Echelon
05-3-	Perform Hydrographic Reconnaissance	05 -	Platoon

5500	and Surveys to Include Seas, Rivers, Lakes and Inland Waterways	Engineers (Collective)	
05-3-5501	Control Theater Diving Assets	05 - Engineers (Collective)	Platoon
05-3-5502	Perform Underwater Demolitions Operations	05 - Engineers (Collective)	Platoon
05-3-5503	Construct Underwater Structures	05 - Engineers (Collective)	Platoon
05-3-5504	Inspect Underwater Structures	05 - Engineers (Collective)	Platoon
05-3-5505	Repair Underwater Structures	05 - Engineers (Collective)	Platoon
05-3-5506	Maintain Underwater Structures	05 - Engineers (Collective)	Platoon
05-3-5507	Perform Surface-Supplied Diving Operations	05 - Engineers (Collective)	Platoon
05-3-5508	Perform Recompression Chamber Operations	05 - Engineers (Collective)	Platoon
05-3-5509	Perform Self-Contained Underwater Breathing Apparatus (Scuba) Operations	05 - Engineers (Collective)	Platoon
05-3-5510	Perform Ships Husbandry	05 - Engineers (Collective)	Platoon
05-3-5512	Install Mooring System	05 - Engineers (Collective)	Platoon
05-5-5513	Maintain Mooring Systems	05 - Engineers (Collective)	Team (TOE)
05-5-	Provide Maintenance Support to Diving	05 -	Team

5514	Operations	Engineers (Collective)	(TOE)
05-5-5515	Perform Salvage/Recovery Operations	05 - Engineers (Collective)	Team (TOE)
05-5-5516	Evacuate a Diving Casualty	05 - Engineers (Collective)	Team (TOE)
05-5-5517	Install Underwater Pipelines	05 - Engineers (Collective)	Team (TOE)
05-5-5518	Perform Medical Treatment for Diving Disorders Requiring Recompression Therapy	05 - Engineers (Collective)	Team (TOE)
05-5-5519	Maintain Underwater Pipelines	05 - Engineers (Collective)	Team (TOE)
05-5-5521	Repair Underwater Pipelines	05 - Engineers (Collective)	Team (TOE)
05-5-5523	Deploy the Single Anchor Leg Moor (SALM) in Support of Offshore Petroleum Discharge System (OPDS) Operations	05 - Engineers (Collective)	Team (TOE)
05-5-5524	Employ Diving Life-Support Equipment	05 - Engineers (Collective)	Team (TOE)
05-5-5525	Support Underwater Security Operations	05 - Engineers (Collective)	Team (TOE)
05-5-5526	Employ Diving Support Equipment	05 - Engineers (Collective)	Team (TOE)
05-5-5527	Perform Underwater Searches	05 - Engineers (Collective)	Team (TOE)