



*Seaway Aimery* is an advanced cable installation, repair and maintenance vessel. It is designed to satisfy cable lay demands of the offshore wind, renewables and oil & gas industries.

- Length 162.3m x breadth 32.0m
- 10t AHC Offshore Crane
- Length 95.3m x breadth 21.5m
- Sheltered cable laying deck including tracks & workshop. Deck area 3,550m<sup>2</sup>
- Cable handling equipment including linear cable engines
- 2 x work-class ROVs including launch and recovery system (LARS) located aft and amidships
- 1 x electric trenching ROV in hangar with LARS and gate to launch on starboard side
- 360 degree panoramic bridge
- Accommodation for 60 persons

## General Information

Type	SX 163 design
Flag	Isle of Man
Classification	DNV *1A1. Offshore Service Vessel, SF, E0, BIS, DYNPOS-AUTR, CLEAN DESIGN, COMFV(3), NAUT-OSV (A), SPS.

## Principal Dimensions

Length overall	95.3m
Length between perpendiculars	84.9m
Breadth	21.5m
Depth from deck	8.8m
Maximum draft	7.2m
Minimum draft	4.8m
Cable loading capacity	4,250t
Cargo deck area	3,550 m <sup>2</sup>

## Cranes

Offshore crane	x1, SWL 5t/10t at 24m/15m reach
LARS crane	x1, SWL 2t at 20m reach
Provision crane	x1, SWL 2t at 15m reach
Electric overhead crane	x2, SWL 7t, for handling of cable protection systems

## Deck Equipment

By handling the cable via quadrant and track system in an environmentally protected working hangar, the risk of damage to the cable is reduced and offshore workability is increased.

Electric carousel	x2, 2,500t loading capacity, ID 4m/OD 18m/height 4m 1,750t loading capacity, ID 4m/OD 16m/height 4m
Electric linear cable engines	x4, WLL 8t, suitable for Master-Slave mode
Electric feeder cable engines	x2, WLL 2t
Electric A&R winches	x2, WLL 20t
Electric tugger winches	x2, WLL 5t
Cable deployment quadrant	WLL 10t
Deck cable quadrants	x4, WLL 5t
Modular cable track ways	x12

## ROV Systems

Electric work-class ROVs	x2, both with a dedicated launch and recovery system, one located stern aft on A-deck, one located port side amidships on B-deck
Electric trenching ROV	x1, trenching ROV located amidships starboard incl. of a dedicated A-frame based launch and recovery system.

## Performance

Trial speed at 100% load on each of the propulsion units, at 5m draught, clean hull and with sea state 0-1 to be approximately 14knots.  
Station keeping capability ERN (99, 99, 97, 94)

## Propulsion

The vessel is equipped with four main generator sets and a total of five thruster/propeller units.

Each main engine and main generator is mounted on a common frame with flexible coupling between them. The main generator sets are resiliently mounted.

The propeller remote control system provides common in command push button and functionality for propellers and tunnel as well as retractable thrusters.

## Accommodation

60 people