



VESSELS  
Renewables

seaway<sup>7</sup>



# Seaway Aimery

## Vessel Info

*Full specification overleaf*

**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 and gas industries.

- Length 95.3m x breadth 21.5m
- Sheltered cable laying deck including tracks and workshop
- Deck area 3,550m<sup>2</sup>
- Cable handling equipment including linear cable engines
- 10t offshore crane
- 2x work-class ROVs including launch and recovery system (LARS) located aft and amidships
- 1x electric trenching ROV in hangar with LARS and gate to launch on starboard side

## Fast Facts

- Trencher ROV onboard
- 2,500t loading carousel
- 1,750t loading carousel
- 20t AHC A-Frame



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### GENERAL INFORMATION

Type	<b>VARD C:V design</b>
Classification	<b>DNV *1A1. Offshore Service Vessel, SF, E0, BIS, DYNPOS-AUTR, CLEAN DESIGN, COMFV(3), NAUT-OSV (A), SPS.</b>
Built	<b>Remontowa, Poland, 2016.</b>
Flag	<b>Isle of Man</b>

### PRINCIPAL DIMENSIONS

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

### PERFORMANCE

Station keeping capability	<b>ERN (99, 99, 97, 94)</b>
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 14 knots.	

### POWER AND PROPULSION

MTU main engines	<b>4x 1,840kW each @1,800rpm</b>
Kongsberg main propulsion thrusters	<b>2x 2,200kW</b>
Kongsberg retractable thruster aft	<b>1x 1,200kW</b>
Kongsberg tunnel thrusters	<b>2x 1,200kW</b>

### TANK CAPACITIES (100%)

Fuel Oil	<b>1,179.4m<sup>3</sup></b>
Lubricating Oil	<b>36m<sup>3</sup></b>
Fresh Water	<b>524.9m<sup>3</sup></b>
Ballast Water	<b>2,550m<sup>3</sup></b>
Technical Water	<b>38.3m<sup>3</sup></b>

### VESSEL SPEEDS AND FUEL CONSUMPTION

Maximum Speed	<b>12.0 knots</b>
Economic Speed	<b>9.0 knots</b>
Economic Speed Fuel Consumption	<b>17.3m<sup>3</sup>/day</b>

### CRANES

Offshore crane	<b>1x SWL 5t/10t at 24m/15m reach</b>
LARS crane	<b>1x SWL 2t at 20m reach</b>
Provision crane	<b>1x SWL 2t at 15m reach</b>
Electric overhead crane	<b>2x SWL 7t, for handling of cable protection systems</b>

### DECK EQUIPMENT

Electric carousels	<b>2,500t loading capacity, ID 4m/OD 18m/height 4m</b>
	<b>1,750t loading capacity, ID 4m/OD 16m/height 4m</b>
Electric linear cable engines	<b>4x WLL 8t, suitable for Master-Slave mode</b>
Electric feeder cable engines	<b>2x WLL 2t</b>
Electric A&R winches	<b>2x WLL 20t</b>
Electric tugger winches	<b>2x WLL 5t</b>
Cable deployment quadrant	<b>WLL 10t</b>
Deck cable quadrants	<b>4x WLL 5t</b>
Modular cable track ways	<b>12x</b>

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.



### ROV SYSTEMS

Electric work-class ROVs	<b>2x, both with a dedicated launch and recovery system, one located stern aft on A-deck, one located port side amidships on B-deck.</b>
Electric trenching ROV	<b>1x, trenching ROV located amidships starboard incl. of a dedicated A-frame based launch and recovery system.</b>

### ACCOMMODATION

Berths	<b>60 person</b>
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