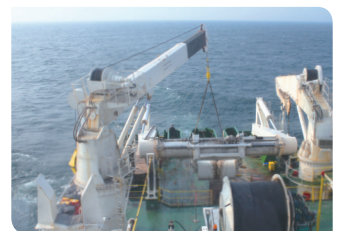


CABLE SHIP

SEGERO



Cable Ship SEGERO is one of the most technically well proven cable ships in the world.

She is equipped with a Dynamic Positioning System (DP1 Class) with stern working to meet the multi-purpose offshore construction works, especially for the submarine cable installation & maintenance area, and 50ton A-frame and 30/10ton Cranes, and has a cable stowage capacity up to 4,500ton with 4 cable tanks with ROV and Plough systems.

CABLE SHIP

SEGERO

Characteristics

| | |
|---------------------|--|
| General Vessel Name | Cable Ship SEGERO |
| Flag | Republic of Korea |
| Classification | +KRS1 WORK VESSEL CABLE LAYER ID CLEAN1 LG LI +KRM1 UMA BWT DPS(1) |
| Year Built | Busan, Korea - April, 1998 |
| Port of Registry | Jeju, Korea |
| Ship Builder | HANJIN HEAVY INDUSTRY CO. LTD. |
| Accommodation | 62persons |

Principal Dimensions

| | |
|----------------------------|----------|
| Length Overall (LOA) | 115.38m |
| Length (LPP) | 95.60m |
| Breadth Moulded | 20.00m |
| Draft | 7.814m |
| Deadweight | 6,409ton |
| Net Register Tonnage (NRT) | 2,496ton |
| Gross Tonnage | 8,323ton |

Deck Equipment

| | |
|------------------|--|
| Telescopic Crane | 10t X 11m on the upper deck |
| Knuckle Crane | 30t X 4-24m on the main deck (Port Side) |
| Provision Crane | 2t X 13m for ship service on fore side |
| A-frame Type | - 50t SWL (Maker : SMD) - Out Reach : 4.5m - Max. Down Reach : 5.6m - Free Width : 0.2m |

Cable Laying Equipment

| | | |
|--|---|-------------------------------|
| Cable Tank | - 2 Main Tanks | Dia.-16m |
| | - Coiling Capacity | 1,888.20m ³ |
| | - 2 Spare Tanks | Dia.-6.75m |
| | - Coiling Capacity | 159.0m ³ |
| Drum Engines | - 2 X 40t (Dia.4m) | - Maker : DOWTY |
| DOHB | - 2 X 4 Wheel Pair - Cable : Dia.125mm | - Repeater : Dia.400mm |
| Transporters | - 2 Wheel pair | - Max : 2t - Maker : DOWTY |
| Repeater Stowage (Cooling / Max number) | Total Stacking Capacity 120 Repeaters | |

Propulsion System

| | | |
|-----------------------|---|--|
| Main Generator Engine | Large (2Set) | 4800PS X 720RPM-SSHI/MAN-B&W |
| | Medium (1Set) | 3600PS X 720RPM-SSHI/MAN-B&W |
| | Small (1Set) | 1305PS X 900RPM-SSHI/MAN-B&W |
| Main AC Generators | Large (2Set) | Output-4250KVA / 3,300V/60Hz / 3Phases |
| | Medium (1Set) | Output-2875KVA / 3,300V/60Hz / 3Phases |
| | Small (1Set) | Output-1063KVA / 3,300V/60Hz / 3Phases |
| Propulsion Thrusters | USE4001 Azimuth Thrusters X 2Sets, Propeller RPM-232 | |
| Tunnel Thrusters | FT16H X 2Sets, Propeller RPM-275 | |
| Gill Thrusters | T3S Vertical Shaft | |
| Economical | 12.0knots | |

Navigation Equipment

| | |
|---------------------------|-------------------------------|
| X-band Radar | SAM ELECTRONICS, RP1109-2A8X |
| S-band Radar | SAM ELECTRONICS, RP1109-3A14S |
| AIS | Furuno, FA-170 |
| NAVTEX RECEIVER | JRC, NRC 300A |
| GPS | FURUNO GP150 |
| Echo Sounder | ELAC LAZ5100 |
| Hydrographic Echo Sounder | SIMRAD, EA500 |
| MAGNETIC Compass | SARACOM, C.PLATH |
| Gyro Compass | 2 X TOKIMAC, TG 8000 |
| DOPPLER SPEED Log | 2 X STN ATLAS, DOLOG 20 |
| Monotoring S/W | Winfrog, Makai Plan |

Technical Rooms

| | |
|------------------------|--------------------------|
| Technical Rooms | Cable Joint Works |
| Test Room for Cable | Transmission, Fiber Test |
| X-Ray Room (Main Deck) | For Jointing & Moulding |

Communication Equipment

| | |
|-------------------------|-----------------|
| Satellite Communication | V-SAT, Starlink |
|-------------------------|-----------------|