

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 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.

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Characteristics

General Vessel Name	Cable Ship SEGERO
Flag	Korea
Classification	KR
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 & 8t X 15m on the upper deck
Knuckle Crane	30t X 4-24m on the main deck (Port Side)
Provision Crane	2t X M 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
Drum Engines	- 2 Spare Tanks	Dia.-6.75m
	- Coiling Capacity	159.0m ³
DOHB	- 2 X 4 Wheel Pair - Cable : Dia.125mm	- Maker : DOWTY - 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	13.5knots	

Navigation Equipment

X-band Radar	SAM ELECTRONICS, RP1109-2A8X
S-band Radar	SAM ELECTRONICS, RP1109-3A14S
AIS	Furuno, FA-100
NAVTEX RECEIVER	JRC, NRC 300A
GPS	FURUNO GP150
Echo Sounder	STN ATLAS, FILIA 522
Hydrographic Echo Sounder	SIMRAD, EA500
MAGNETIC Compass	SARACOM, C.PLATH
Gyro Compass	2 X TOKIMAC, TG 800
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

Satelite Communication	V-SAT (Phone, FAX, Telex), T.O.P. System
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