

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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## **SEGERO**

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

<b>Principal Dimensions</b>	
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

<b>Deck Equipment</b>	
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 - Coiling Capacity	Dia16m 1,888.20㎡	
	- 2 Spare Tanks - Coiling Capacity	Dia6.75m 159.0㎡	
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 Capaci	ity 120 Repeaters	

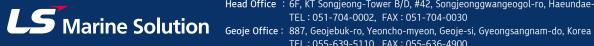
Propulsion System		
Main Generator Engine	Large (2Set)	4800PS X 720RPM-SSHI/MAN-B&W
	Medium (1Set)	3600PS X 720RPM-SSHI/MAN-B&W
	Small (1Set)	1305PS X 900RPM-SSHI/MAN-B&W
Main AC Generators	Large (2Set)	Output-4250KVA / 3,300V/60Hz / 3Phases
	Medium (1Set)	Output-2875KVA / 3,300V/60Hz / 3Phases
	Small (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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