

(1) 「SEGERO」海纜鋪設作業船

- ◆ 國籍:韓國
- ◆ 主要規格:105.70m(長);20.00m(寬);11.30m(深);8,323 ton(總噸位)
- ◆ 船別:特殊儀裝船(Cable Ship)
- ◆ AIS系統:MMSI No. 441500000 & IMO No. 9165188
- ◆ 船呼(Call Sign): Inmarsat



圖一：SEGERO 左舷照片



圖二：SEGERO 右舷照片

(2) SEGERO主要儀器設備:

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

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 - 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	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