

CABLE SHIP SEGERO

CHARACTERISTICS

Vessel Name	Cable Ship SEGERO
Flag	Korea
Classification	KRS1-Work Vessel, KRM1-UMA, IS4, DPS-1, Cable Layer
Year Built	Busan, Korea - April 1998
Base Port	Geoje, South Korea
Ship Builder	HANJIN HEAVY INDUSTRY CO. LTD.
Total Number of Bunk	62 men

Principal Dimensions

Length Overall (LOA)	115.380m
Length (LPP)	95.600m
Breadth Moulded	20.000m
Summer / Maximum Draft	7.814m
Deadweight	6,409ton
Net Register Tonnage (NRT)	2,496ton
Gross Tonnage	8,323ton

Deck Crane & A-Frame

Telescopic Crane	20T 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-14.5m Max. Down reach-5.6m, Free Width-10.2m

Cable Equipment

Cable Tank	2 Main tanks : Dia. -16m, Coiling capacity-3,630.8 cu.m 2 Spare Tanks : Dia. -6.75m, Coiling capacity-601.2 cu.m
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 : 2ton, Maker : DOWTY

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, 3300V/60Hz, 3Phases
	Medium(1Set) : Output-2875KVA, 3300V/60Hz, 3Phases
	Small(1Set) : Output-1063KVA, 3300V/60Hz, 3Phases
Propulsion Thrusters	USE4001 Azimuth ThrustersX2 Sets, Propeller RPM-232
Tunnel Thrusters	FT16H X 2Sets, Propeller RPM-275
Gill Thrusters	T3S vertical shaft
Economical Speed	13.5knots

Navigation Equipment

X-band Radar	1 X STN ATLAS, 9800ARPA/X
S-band Radar	1 X STN ATLAS, 9801ARPA/S
AIS	1 X Furuno, FA-100
NAVTEX RECEIVER	1 X JRC, NRC-300
GPS	1 X JRC, JLR-6800
Echo Sounder	1 X STN ATLAS, FILIA 522
Hydrographic Echo Sounder	1 X SIMRAD
MAGNETIC Compass	1 X SARACOM, C.PLATH
Gyro Compass	2 X TOKIMAC, TG-8000
DOPPLER SPEED Log	2 X STN ATLAS, DOLOG 20
Monitoring S/W	Winfrog, Makai Plan

Technical Rooms

Joining Room (Main Deck)	Cable Joint Works
Test Room for Cable	Transmission, Fiber Test
X-Ray Room (Main Deck)	For jointing & Moulding

Communication Equipment

Satellite Communication	VHF, Immarsat(Phone, FAX, Telex), T.O.P. System
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