

1. SJC2 海纜鋪設作業船舶(含船舶彩色照片、基本資料及其設備)

1.2 原已核准鋪設作業及新增作業船舶資料

一般規格		應答者號 (因故除役)	速霸陸號	未來路號	加達號	笛卡爾號	水黽號	無限號	世界路號
Name	船名	C/S RESPONDER	C/S SUBARU	R/V GARDA	M/V MIRAERO	Rene Descartes	STRIDER	KDDI CABLE INFINITY	SEGERO
內政部路線劃定核准函		發文日期：109 年 5 月 7 日 發文字號：台內地字第 1090117413 號				發文日期：109 年 12 月 28 日 發文字號： 台內地字第 1090149495 號	新增作業船舶資料		
Owner	所有者	Kt Submarine Co., Ltd.	Subaru Ship Ltd.	Pt. Mahase Bahari Internasional	Kt Submarine Co., Ltd.	ORANGE MARINE - PUTEAUX, FRANCE	G. MARINE PTE.LTD	Kokusai Cable Ship, Ltd.	Kt Submarine Co., Ltd.
Flag	船籍	韓國籍	菲律賓籍	印尼籍	韓國籍	法國	Singapore	日本籍	韓國籍
Port of Registry	註冊港	Jeju	Manila	Batam	Geoje	MARSEILLES	Singapore	日本/	Jeju, Korea
Construction Date	建造日期	Dec. 2000	Feb. 1999	1992	Feb. 2008	2002	2006	2019	1998
Accommodations	住艙數量	68 persons	80 persons	24 persons	52 persons	24 persons	15	130	62
Service Speed	巡弋速度	12.5 knots	13.5 knots	10.0 knots	11.0 knots	16.0 knots	12knots	12.0 knots	13.5 knots
Length Overall	總長度	105.80 m	124.00 m	49.60 m	70.50 m	142.5m	54m	113.1m	115.38m
Molded Beam	船寬	20.00 m	21.00 m	9.02 m	14.95 m	22 m	14m	21.5m	20m
Draft	吃水深	9.1 m	7.0 m	3.7 m	5.0 m	7.4m	3.8m	8.8m	7.8m
Gross Registered Tonnage	總註冊噸位	6,298 ton	9,557 ton	610 ton	1,999 ton	11700 ton	1271 ton	9766 ton	8323 ton
Deadweight	載重	8,071 ton	6,843 ton	331 ton	1,800 ton	8200 ton	1200 ton	5757 ton	6409 ton
IMO Number	IMO 號碼	9215206	9188439	9038476	9422017	9248100	9369289	9841158	9165188
Call Sign	呼號	D7AW	DUJI	YCRY2	DSRB3	FNWZ	9V5440	7KDM	DSP24
MMSI Number	MMSI 號碼	440160000	548964000	525300902	440041000	226291000	563019300	431089000	441500000

1.3 新增作業船舶資料 (照片、規格及船員名單)

(1) 水黽號 (STRIDER) 海纜鋪設作業船

- ◆ 54.01m (長) ; 14.01m (寬) ; 1,271ton (總噸位) ; 1,200ton (淨噸位)
- ◆ 船級：特殊儀裝佈纜船 (Cable Ship)
- ◆ 國籍：星加坡籍 (Singapore)
- ◆ AIS 系統：MMSI no 563019300 ; IMO no 9369289
- ◆ 船呼 (Call Sign) : 9V5440



「水黽號 (STRIDER)」技術規格



G. MARINE PTE. LTD

8 Burn Road #08-02
Trivex, Singapore 369977
T 6636 9041 / F 6225 616
Registration No.200817581E

STRIDER

DP1.5, SPS,
4 POINTS MOORING,
MULTI PURPOSE



PARTICULARS

Vessel Type	DP1.5 (DP1+IJS), SPS, 4 Points Mooring, Multi- Purpose
Call Sign	9V5440
Official Number	401024
IMO Number	9369289
Port of Registry	Singapore
Year Built	2006
Classification	ABS 1 Hull, Mach, Aut/UMS, DYNAPOS, AM/AT, E, Supply Vessel, Special Purpose Ship

DETAILS

Length Overall	54m
Breadth	14m
GRT-NRT	1271/381
Depth Moulded	4.8m
Maximum draft	3.8m
Clear deck Space	235m ²
Max Speed	12 kts @ 85% MCR
Economical speed	9 kts
Sewage Plant	MARPOL compliant
Rudders	Twin Becker
Joystick	Yes
Flow Meter	Not fitted for external supply but FO meters with Engines
Bollard Pull	30 metric ton

CAPACITY

Fuel Oil	320m ³
Potable Water	210m ³
Sewage	8.3m ³
Grey Water	18.3m ³

MACHINERY

Main Engines, 2 sets	Caterpillar 3512B, 2 x 1350kW (1810) BHP @ 1600rpm
Generators (Shaft), 2 sets	Shaft Generator 2 x LSA 49.1 M7 @ 600kW
Generators, 2 sets	2 x Caterpillar 3406 260kW (275kVA) @ 1800rpm (440/60Hz), 1 x Caterpillar 3406C dedicated survey/ROV 320kW (400/60Hz) @ 1800rpm (440/3/60Hz)
Emergency Generators (Air cooled) 1 set	Caterpillar 3056T @ 99kW (GSN00501)



Bow Thruster hydraulic unit	Rolls-Royce T9212 1 x 450kW 6.6t, Transverse tunnel, CPP
Stern Thruster hydraulic unit	Rolls-Royce T9213 300kW, 4.5t, CPP
Propulsion	2 x CPP fixed nozzles, 2 x Berg CPP 580 Hx/4 with Kort Nozzles
ACCOMMODATION	
Berths	2x1, 6x2, 7x4
Total	42
Hospital	1x1
DECK EQUIPMENT	
Towing Winch	
Type	Plimsol SWL electro hydraulic
Pull	40t, 35m/ton @ 5m/min
Brake Holding	80m/tons
Wire Capacity	500m x 32mm
Tugger Winch	
Number & Capacity	2 x 5t
Wire Capacity	15m/minute, holding power 7t
Other Deck Equipment	
Stern Roller	1000mm dia x 2200mm, 50T SWL
A Frame	Available
A Frame Seating	Fitted
Deck Crane	Hydramarine knuckle boom marinised crane, SWL 15t @3m, 360 degree rotation, variable speed winch 7.5t
Deck Voltage & Sockets	10 x 415V x 32 AMP
WATER MAKER	2 units of Sea water reverse osmosis desalination system
LIFESAVING	
Life-rafts	6 x 25 man SOLAS
Lifejackets	84
FRC/Rescue Boat/Davit	1 x 7m, 15 persons, Weedo 700 FRB 220HP, Macgregor 3.8T davit
Lifebuoys	8 units
Immersion Suits	13 units
SPECIALIST	
DP Class	DP Class 1, Taut Wire
HPR	Gate valve fitted
Communication	FBB250 Inmarsat & Iridium system
DGPS	2 x DGPS FUGRO (SBAS DGPS upgrade in SEPT 2017)
Transducer Pole	Gate valve fitted
Transducer Flange	2 units
Mooring	4 points mooring system, 4 x 1.5t Delta, flipper anchors
Moon-pool	Fitted
A Frame	20t SWL, Articulated A Frame, fitted on request

2. Particulars are believed to be correct but are not guaranteed. All figures given are approximate only.
Owners reserve the right to amend the specifications without notification

「水黽號 (STRIDER)」船員名單

由於工程作業人員及船員因採 4 ~ 6 週輪替上船值勤，因此將不定期變動，故本公司將依許可規定於正式作業前提供最新維護工程作業人員及船員資料供備查；以下資料先供參考。

<div style="display: flex; justify-content: space-between; align-items: center;"> <h1 style="margin: 0;">CREW LIST</h1> <div style="text-align: right;"> ○ ARRIVAL ● DEPARTURE Page No.1 </div> </div>								
1. Name of ship RV. STRIDER			2. Nationality of ship SINGAPORE					
No	Name	Rank	Sex	Nationality	Date and place of birth /ID No	Passport No. Seaman's Book No.	Date expire Date expire	Remarks
1	RIO AKBAR INA	Master	Male	Indonesia	Sorong 18-4-1990	C2385366 F000692	17-6-2024 15-3-2022	
2	REZA	C/O	Male	Indonesia	Jakarta 20-10-1988	B9192176 E133492	19-2-2023 15-11-2021	
3	MUCHLIS	2nd/O	Male	Indonesia	Batang 07-8-1989	C2237965 F232341	07-12-2023 29-5-2022	
4	LAODE MUHLIS EFENDI	C.E	Male	Indonesia	Ollo 28-5-1985	B9988955 F244440	26-3-2023 19-8-2022	
5	GOSBON SITINJAK	2nd. Eng	Male	Indonesia	Rapusan 27-5-1982	C5370043 E090979	06-11-2024 30-6-2023	
6	FERNANDO SINAGA	3rd. Eng	Male	Indonesia	Cahaya Pardomuan 18-8-1994	B6064851 F247064	26-1-2022 18-6-2022	
7	YUDHA PRATAMA	AB 1	Male	Indonesia	Medan 13-9-1993	B6308216 F232463	22-2-2022 12-6-2022	
8	ACHMAD RAMADHAN EFFENDI	AB 2	Male	Indonesia	Kendari 27-1-1998	B8387778 F064910	23-11-2022 06-12-2022	
9	MUHAMMAD GANAFA	AB 3	Male	Indonesia	Buru-K 03-3-1993	B5218212 F1777731	10-1-2022 05-10-2021	
10	YUSRIADI	Oiler	Male	Indonesia	Malaysia 06-7-1998	C5834283 F045724	09-1-2025 08-8-2022	
11	UTAM ILON	Cook	Male	Indonesia	Subang 18-6-1978	C5371606 F232074	08-11-2024 11-5-2022	
12	YUWANDEIKA	Surveyor	Male	Indonesia	Batam 17-8-1992	B4729975 F222769	16-8-2021 09-3-2022	
13	SUHANDI WIJAYA	Surveyor	Male	Indonesia	Jakarta 10-8-1992	C2385360 F077505	17-6-2024 16-8-2023	
14	LEE KEUNWOO	Surveyor	Male	Korea	Rep of Korea 10-7-1983	M03085880 MS168-00129	17-12-2030 Unlimited	
15	KIM MOONBIN	Surveyor	Male	Korea	Korea 21-1-1990	M87073997 BS202-02095	24-9-2030 Unlimited	
16	JUNG DAEHYUN	Surveyor	Male	South Korea	Korea 12-12-1983	M47864072 BS213-00567	23-6-2025 Unlimited	
17	KANG GWIUNG	Surveyor	Male	South Korea	Korea 10-2-1993	M24632290 BS200-02517	05-8-2026 Unlimited	

Date and signature by master , authorized agent or officer

TOTAL ;17..... Person

RV STRIDER
Port of Registry SINGAPORE
IMO No 9369260 Official No 481824 Call Sign 9VSA30
Master

MASTER OF RV. STRIDER/ RIO AKBAR

(2)無限號(KDDI Cable Infinity) 海纜鋪設作業船

- ◆ 主要規格：113.1 m（長）；21.5 m（寬）；8.8 m（深）；
- ◆ 9,766ton（總噸位）；5,757 ton（淨噸位）
- ◆ 船級：特殊儀裝佈纜船（Cable Ship）
- ◆ 國籍：日本籍（Japan）
- ◆ MMSI no :431089000；IMO no : 9841158
- ◆ 船呼（Call Sign）：7KDM



「無限號(KDDI Cable Infinity)」技術規格



ケーブル敷設船 KDDIケーブルインフィニティ 船舶諸元 C.S. KDDI CABLE INFINITY SPECIFICATIONS



船籍	日本 / 北九州
建造所	コロムボドックヤード株式会社
起工	2017年9月7日
竣工	2019年6月21日
全長	113.1 m
全幅	21.5 m
深さ	8.8 m
総トン数	9,766 トン
計画満載喫水	7.1 m
総荷重量	5,757 トン
メインケーブルタンク	全容量 1,840 m ³ (730 + 1,100)
スペアケーブルタンク	全容量 240 m ³ (120 + 120)
発電機	2,250 kw x 4 基
停泊・非常用補助発電機	715 kw x 1 基, 163kw x 1 基

推進機	2,500 kw x 2 基
昇降式アジマス	880 kw x 1 基
バウスラスター	1,060 kw x 2 基
自動定点保持装置	全系統・全システム完全冗長構成 DP Class 2 認証
航海速度	12.0 ノット (時速約22.2 km/h)
航海日数	約50日
ドラムケーブルエンジン	電動油圧駆動・ドラム式 x 2 台 (左右両舷)
遠隔取水中口ロボット	MARCAS-V (300hp) x 1 式
曳航設備設備	PLOW-II (ウォータージェット付) x 1 式
減速タンク	1台
デッキクレーン	S.W.L 5 トン (船尾)、2 トン (船前右舷) 1 トン (船前左舷、船前右舷) x 各 1 基
Aフレーム	S.W.L 50 トン
最大乗船人数	80 人

Flag	Japan
Builder	Colombo Dockyard PLC
Keel laid	7 September, 2017
Completion	21 July, 2019
Overall Length	113.1 m
Breadth	21.5 m
Depth	8.8 m
Gross Tonnage	9,766 tons
Design Draft	7.1 m
Deadweight	5,757 tons
Service Speed	12.0 knots
Duration	Approx. 50 days
Main Cable Tank	Total 1,840 m ³ (730 + 1,100)
Spare Cable Tank	Total 240 m ³ (120 + 120)

Main Generators	2,250 kw x 4 units
Aux / Emergency Generators	715 kw x 1 unit, 163kw x 1 unit
Azimuth Thrusters	2,500 kw x 2 units
Retractable Azimuth Thruster	880kw x 1 unit
Bow Thrusters	1,060 kw x 2 units
Dynamic Positioning System	Fully duplicated as "DP 2" ("DP Class-2" certified by NK)
Drum Cable Engine	Electro-Hydraulic drum-type x 2 units
ROV	MARCAS-V (300hp) x 1 unit
PLOW	PLOW-II (w/t 2 x 250 kw Water Jet) x 1 unit
Anti-Rolling Tank	Passive Type
Deck Crane	S.W.L 5 tons (Aft), 2 tons (Fwd / Stbd) 1 ton (Fwd / Port and Fwd / Stbd)
A-Frame	S.W.L 50 tons
Complement	80 persons

Kokusai Cable Ship Co., Ltd.

SHIP PARTICULARS 船舶基本資訊	
SHIP'S NAME 船名	KDDI CABLE INFINITY
NATIONALITY 國籍	JAPAN 日本
PORT OF REGISTRY 註冊港	KITAKYUSHU 北九州港
IMO NUMBER 國際海事組織編號	9841158
OFFICIAL NUMBER 船舶號數	143320
CALL SIGN 船呼代號	7KDM
CLASSIFICATION 船級	NK 日本船級協會
CLASS NUMBER 船級編號	NK 191937
TYPE OF VESSEL 船舶類型	CABLE LAYER 佈纜船
OWNER 船東	Kokusai Cable Ship Co., Ltd. 6th Floor, Kawasaki Frontier Bldg., 11-2, Ekimae Hon-cho Kawasaki-ku, Kanagawa 201-0007 Japan
CHARTERER 租用商	Mitsui O.S.K. Lines, Ltd. 1-1, Toranomom 2-Chome, Minato-ku, Tokyo 105-8688 Japan
SHIP MANAGER 船舶管運商	MOL Marine Co., Ltd. 11th Floor, Pier City Shibaura Bldg., 3-18-1, Kaigan, Minato-ku, Tokyo 108-0022 Japan
DATE of BUILD 建造日	21 June 2019
DATE of KEEL LAID 安放龍骨日	7 Sep. 2017
DATE of CONVERT 翻修日	N/A 無
DATE of FLAG CHANGE 船旗更改日	N/A 無

1	KDDI CABLE INFINITY
TYPE OF VESSEL 船舶類型	CABLE LAYER 佈纜船
CLASSIFICATION 船級	NK 日本船級協會
CLASS NUMBER 船級編號	NK 191937
LENGTH OVERALL 總長	113.1 m 公尺
MOULDED LENGTH 模長	96.20 m 公尺
SCANTLING DRAFT 尺寸吃水	7.1 m 公尺
MOULDED BREADTH 模寬	21.500 m 公尺
MOULDED DEPTH 模深	8.800 m 公尺
GROSS TONNAGE 總噸位	9,766Ton 噸
NET TONNAGE 淨噸位	2,929Ton 噸
DEAD WIGHT @draft 7.1m 吃水 7.1 公尺排水量	5,757 Ton 噸
SERVICE SPEED (Max)@draft 5.5m 吃水 5.5 公尺最大船速	14.5 Knts 節
COMPLEMENT 人員數	130 人
TELEPHONE 連絡電話	N/A 無
INMARSAT GX/FB 海事衛星電話／傳真	TEL 電話 870-773807107 FAX 傳真 870-783258630
email 郵址	kci-molmc@juno.ocn.ne.jp
MAIN ENGINE 主機	2,450 kw x 4 Units 2450 仟瓦共 4 部
AZIMUTH THRUSTERS 迴轉式電動推進器	2,500 kw x 2 Units 2500 仟瓦共 2 部 ABB Electrical Machines Ltd
BOW THRUSTERS 艏側推器	1,060 kw x 2 Units 1060 仟瓦共 2 部
RETRACTABLE THRUSTER 可收式推進器	820 kw x 1 Unit 820 仟瓦共 1 部
DYNAMIC POSITIONING SYSTEM 動態定位系統	2 Units 2 套

「無限號(KDDI Cable Infinity)」船員名單

由於工程作業人員及船員因採 4 ~ 6 週輪替上船值勤，因此將不定期變動，故本公司將依許可規定於正式作業前提供最新維護工程作業人員及船員資料供備查；以下資料先供參考。

	Name	sex	nationality	Title	Passport No.	Birth Day	Passport Ex.
1	Takashi, Matsuo	M	Japanese	Master	TS2731428	03 Mar 1969	15 Feb 2029
2	Sakamoto, Takenori	M	Japanese	Master	TS0847170	07 Nov 1954	08 Jun 2028
3	Suzuki, Shoichi	M	Japanese	Master	TR9110413	16 Oct 1957	07 Sep 2027
4	Chino, Takahiro	M	Japanese	Chief Officer	TR8935338	26 Sep 1961	15 Aug 2027
5	Oka, Takayuki	M	Japanese	Chief Officer	TK2557653	17 Apr 1961	21 Jul 2020
6	Saito, Akihiro	M	Japanese	Chief Officer	TR8407202	10 Nov 1987	30 May 2027
7	Kawahara, Yoshihiro	M	Japanese	Chief Officer	TK5186707	17 Apr 1982	09 Aug 2021
8	Furukawa, Osamu	M	Japanese	Chief Officer	TK8727579	04 Sep 1968	19 Feb 2023
9	Murata, Ryota	M	Japanese	2nd Officer	TR8669748	20 Apr 1985	11 Jul 2027
10	Terada, Mika	F	Japanese	2nd Officer	TS0686710	18 Jul 1981	09 May 2028
11	Jocson, Roland S.	M	Filipino	2nd Officer	P5434993A	16 Nov 1981	25 Dec 2022
12	Pones, Christian G.	M	Filipino	2nd Officer	P7540749A	15 Mar 1984	13 Jun 2028
13	Repe, Reynaldo Jr. J.	M	Filipino	2nd Officer	P6963371A	23 Nov 1985	26 Apr 2028
14	Macadaeg, Manuel A.	M	Filipino	2nd Officer	P0511396A	17 Mar 1985	03 Oct 2021
15	Tisado, Ricky C.	M	Filipino	2nd Officer	EC7297399	03 Apr 1985	02 Apr 2021
16	Laguerta, Elmar A.	M	Filipino	2nd Officer	P4446753A	17 Dec 1989	19 Sep 2022
17	Miyama, Yusuke	M	Japanese	3rd Officer	MU4080216	26 Dec 1994	26 Nov 2020
18	Hoshikawa, Seichiro	M	Japanese	3rd Officer	MU6593842	13 Jul 1996	21 Aug 2022
19	Gajulin, Cris A.	M	Filipino	3rd Officer	P5056774A	01 May 1979	15 Nov 2022
20	Ramos, Oliver B.	M	Filipino	3rd Officer	EC7834372	02 Jan 1988	25 May 2021
21	Uegama, Toshiaki	M	Japanese	Chief Engineer	TR6265434	05 Oct 1961	28 Jun 2026
22	Okamoto, Mitsuo	M	Japanese	Chief Engineer	TR9177599	27 May 1961	07 Sep 2017
23	Murakami, Takeo	M	Japanese	Chief Engineer	TR9302074	24 Sep 1954	13 Oct 2027
24	Shiraishi, Masaki	M	Japanese	Chief Engineer	MU3008226	12 Mar 1959	05 Aug 2021
25	Usui, Akira	M	Japanese	Chief Engineer	TR8650901	21 Oct 1958	14 Jul 2027
26	Hirao, Hideki	M	Japanese	1st Engineer	TS0421254	04 Aug 1986	27 Mar 2028
27	Ishihama, Hirokazu	M	Japanese	1st Engineer	TR9526725	21 Jul 1986	17 Nov 2027
28	Iwasaki, Kazuo	M	Japanese	1st Engineer	TR8989499	01 Jan 1951	17 Aug 2027
29	Fukaya, Miroi	M	Japanese	2nd Engineer	TK3130784	24 Jan 1989	14 Oct 2020
30	Ono, Yusuke	M	Japanese	2nd Engineer	TK5685990	20 Apr 1989	24 Oct 2021
31	Ishizaki, Takeyoshi	M	Japanese	2nd Engineer	TR4983580	28 Oct 1956	16 Nov 2025
32	Janapin, Nelson M.	M	Filipino	2nd Engineer	P5519447A	27 Jan 1977	03 Jan 2028
33	Perez, Jan Michael E.	M	Filipino	2nd Engineer	P4929848A	28 Nov 1985	03 Nov 2022
34	Kimura, Ryota	M	Japanese	3rd Engineer	TR7893726	26 Mar 1994	24 Mar 2027
35	Okamoto, Takamasa	M	Japanese	3rd Engineer	TZ0797118	13 Jul 1991	03 May 2022
36	Mitsuishi, Yasushi	M	Japanese	3rd Engineer	TR8953182	09 Dec 1996	16 Aug 2027
37	Bravo, Rogelio II C.	M	Filipino	3rd Engineer	P8052891A	08 Nov 1984	22 Jul 2028
38	Casas, Jeffrey P.	M	Filipino	3rd Engineer	P8917364A	19 Mar 1985	26 Sep 2028

	Name	sex	nationality	Title	Passport No.	Birth Day	Passport Ex.
39	Sablaon, Bryan Dale D.	M	Filipino	3rd Engineer	P0615074 A	16 Aug 1993	12 Oct 2021
40	Lagrimas, Jordan S.	M	Filipino	3rd Engineer	EC7781877	25 Mar 1988	19 May 2021
41	Daruca, Peter Jhon S.	M	Filipino	3rd Engineer	P2916204B	19 Dec 1991	29 Aug 2029
42	Velez, Calixto Jr. A.	M	Filipino	Bosun	P1883938 A	28 Sep 1968	08 Feb 2022
43	Garbanzas, Sir Roland S	M	Filipino	Bosun	EC8332920	04 Feb 1980	17 Jul 2021
44	Borong, Aurelio V.	M	Filipino	Bosun	P4922034 A	19 Feb 1960	01 Nov 2022
45	Gutierrez, Roman Jr. D.	M	Filipino	Bosun	P0774086 A	07 May 1979	08 Nov 2021
46	Caballero, Melbem P.	M	Filipino	Bosun	P9602281 A	20 Apr 1982	18 Nov 2028
47	Factor, Dominador F.	M	Filipino	Bosun	P1372183B	14 Jul 1964	04 Apr 2029
48	Del Rosario, Weigerton C.	M	Filipino	Bosun	P4221386 A	17 Jul 1980	30 Aug 2022
49	Forrosuslo, Jemon V.	M	Filipino	Bosun	P0658623B	27 Mar 1978	13 Feb 2029
50	Lencioco, Romeo Jr. D.	M	Filipino	Able Seaman	P5526993 A	04 Jul 1963	04 Jan 2028
51	Castro, Ulysses G.	M	Filipino	Able Seaman	EC7413533	10 May 1977	17 Apr 2021
52	Iledan, Tomas T.	M	Filipino	Able Seaman	P2830772B	02 Aug 1965	21 Aug 2029
53	Adaptar, Larry F.	M	Filipino	Able Seaman	EC7444892	07 Sep 1971	21 Apr 2021
54	Bejogan, Redentor G.	M	Filipino	Able Seaman	P1151334B	29 Apr 1980	21 Mar 2029
55	Adriano, Jay-R P.	M	Filipino	Able Seaman	P6624854 A	05 Aug 1981	02 Apr 2028
56	Gulmatco, Ralph Michael A.	M	Filipino	Able Seaman	P3596152 A	10 Jan 1989	05 Jul 2022
57	Manuel, James Bryan T.	M	Filipino	Able Seaman	P0227276B	15 Oct 1987	13 Jan 2029
58	Repe, Rey J.	M	Filipino	Able Seaman	P2324391 A	23 Aug 1992	15 Mar 2022
59	Mulles, Simon R.	M	Filipino	Able Seaman	P5242898 A	09 Mar 1986	04 Dec 2022
60	Villareal, Kenneth O.	M	Filipino	Able Seaman	P6029650 A	19 Nov 1992	13 Feb 2028
61	Palos, Percival L.	M	Filipino	Able Seaman	P3422414 A	14 May 1978	16 Jun 2022
62	Sangcap, Ritche H.	M	Filipino	Able Seaman	P0642229B	17 Feb 1979	11 Feb 2029
63	Dereza, Kenneth J.	M	Filipino	Able Seaman	P3221164 A	04 Sep 1992	30 May 2022
64	Agustin, Stephen G	M	Filipino	Able Seaman	P4403755 A	14 Oct 1993	17 Sep 2022
65	Tabancura, Jonathan P.	M	Filipino	Able Seaman	P1342032B	19 Feb 1975	02 Apr 2029
66	Barro, Julito Jr. M.	M	Filipino	Able Seaman	EC6812849	09 Aug 1985	19 Feb 2021
67	Velez, Ramel P.	M	Filipino	Able Seaman	P8786950 A	27 Oct 1990	17 Sep 2028
68	Rama, Ralph Kaven B.	M	Filipino	Able Seaman	EC7450211	22 Nov 1992	16 Apr 2021
69	Malalay, Mark Anthony R.	M	Filipino	Able Seaman	P1646292 A	02 Feb 1982	16 Jan 2022
70	Jacson, Ronald S.	M	Filipino	Ordinary Seaman	P8771285 A	16 Nov 1981	16 Sep 2028
71	Factor, Francis Ivan M.	M	Filipino	Ordinary Seaman	P3732070B	17 Oct 1994	04 Nov 2029
72	Famatiga, Marvin V.	M	Filipino	Ordinary Seaman	P3560517B	14 May 1994	16 Oct 2029
73	Lacson, Mark Jason J.	M	Filipino	Ordinary Seaman	P3305986B	13 Jul 1995	22 Sep 2029
74	Fallore, Jake Drazen S.	M	Filipino	Ordinary Seaman	P0448217B	23 Sep 1992	28 Jan 2029
75	Erece, John Kennedy L.	M	Filipino	Ordinary Seaman	P2607679 A	26 Jan 1993	04 Apr 2022
76	Miguel, Joshua E.	M	Filipino	Ordinary Seaman	P1264195B	29 Mar 1994	28 Mar 2029

	Name	sex	nationality	Title	Passport No.	Birth Day	Passport Ex.
77	Factor, Kaizz Allen M.	M	Filipino	Ordinary Seaman	P1458934B	16 Mar 1996	21 Apr 2029
78	Cargando, Rovel E.	M	Filipino	Deck Cadet	P1199046B	21 Apr 1996	25 Mar 2029
79	Ebro, Roland E.	M	Filipino	Deck Cadet	P3331939B	06 Dec 1994	23 Sep 2029
80	Matudan, Rolando B.	M	Filipino	No.1 Oiler	P6432967 A	10 Sep 1962	14 Mar 2028
81	Gaviola, Dennis R.	M	Filipino	No.1 Oiler	P2951392B	02 Aug 1974	02 Sep 2029
82	Carmona, Julius Cesar V.	M	Filipino	No.1 Oiler	P5360727 A	07 Jul 1960	14 Dec 2022
83	Rico, Leo Ray S.	M	Filipino	Oiler	P3499096 A	06 Dec 1984	26 Jun 2022
84	Gaviola, Florencio J.	M	Filipino	Oiler	EC6787280	12 Feb 1983	24 Feb 2021
85	Morales, Dominic B.	M	Filipino	Oiler	P8103530 A	01 Feb 1976	25 Jul 2028
86	Almueda, Leo P.	M	Filipino	Oiler	P3524720 A	09 Apr 1972	28 Jun 2022
87	Ganancial, Reynante D.	M	Filipino	Oiler	P5445285 A	03 Mar 1987	27 Dec 2022
88	Ruto, Alvin Clark B.	M	Filipino	Oiler	P8677755 A	08 Feb 1990	10 Sep 2028
89	Vista, Bernard E.	M	Filipino	Oiler	P5713945 A	25 Sep 1983	21 Jan 2028
90	Salvatierra, Ciriaco D.	M	Filipino	Oiler	P5521675 A	17 Apr 1990	04 Jan 2028
91	Masonsong, Jay-R E.	M	Filipino	Oiler	P1615456 A	16 Dec 1993	12 Jan 2022
92	Gaite, Rover S.	M	Filipino	Oiler	P3213459 A	13 Oct 1973	29 May 2022
93	Galicia, Robert B.	M	Filipino	Oiler	P3524721 A	18 May 1991	28 Jan 2022
94	Mataga, Reynmar S.	M	Filipino	Oiler	P1450314B	10 Jan 1990	11 Apr 2029
95	Mangurali, Eric L.	M	Filipino	Oiler	P3281573B	23 Feb 1979	18 Sep 2029
96	Castro, Jimmy M.	M	Filipino	Oiler	P4271802 A	05 Jul 1988	05 Sep 2022
97	Corot, John Mark B.	M	Filipino	Wiper	EC6852685	30 Sep 1995	24 Feb 2021
98	Cabaatan, Ronald L.	M	Filipino	Wiper	P4116759 A	02 Jan 1998	21 Aug 2022
99	Dumdum, Jofel C.	M	Filipino	Wiper	P7998902 A	02 Nov 1987	18 Jul 2028
100	Lagrimas, Joemark S.	M	Filipino	Wiper	P0562615B	01 May 1994	05 Feb 2029
101	Tubiano, Renz Roy R.	M	Filipino	Wiper	P9289287 A	31 Oct 1995	23 Oct 2028
102	Andico, Ethan Denzel V.	M	Filipino	Erg. Cadet	P7261298 A	29 Jan 1998	21 May 2028
103	Rabasto, Bobet G.	M	Filipino	Erg. Cadet	P7397528 A	09 Aug 1994	30 May 2028
104	Alimno, Vincent A.	M	Filipino	Cable Technican	EC5954190	11 Apr 1990	11 Nov 2020
105	Engano, Jefferson N.	M	Filipino	Cable Technican	EC7404141	03 Jul 1992	13 Jul 2021
106	Espineli, Ryan A.	M	Filipino	Cable Technican	EC7287368	07 Oct 1993	02 Apr 2021
107	Falconit, Manuel Jr. P.	M	Filipino	Cable Technican	P1465778 A	16 Nov 1994	03 Jan 2022
108	Torio, Francis Ericson S.	M	Filipino	Cable Technican	P0460703 A	01 Oct 1990	29 Sep 2021
109	Betana, Raymond C.	M	Filipino	Cable Technican	P9457102 A	20 Jul 1997	07 Nov 2028
110	Ahlaza, Arvin C.	M	Filipino	Cable Technican	P6357666 A	30 Jun 1995	09 Mar 2028
111	Manaloto, Abraham E.	M	Filipino	ROV Technical Pilot	P2280450 A	21 Dec 1982	12 Mar 2022
112	Teruel, Pascualito G.	M	Filipino	Chief Cook	P0771632B	08 Sep 1960	20 Feb 2029
113	Pagonia, Marlon A.	M	Filipino	Chief Cook	P267213 A	25 Oct 1966	25 Jul 2029
114	Lepardo, Honorio, M.	M	Filipino	Chief Cook	P1844716B	30 Dec 1968	03 Jun 2029
115	Pendilla, Teddy O.	M	Filipino	Cook	P3160481B	01 Jun 1970	11 Sep 2029
116	Pante, Rey C.	M	Filipino	Cook	P057748 A	29 Jun 1976	04 Oct 2021
117	Sangreo, Carlos B.	M	Filipino	Cook	P1138153B	12 Oct 1965	21 Mar 2029
118	Dereza, Ernesto B.	M	Filipino	Cook	EC5649078	30 Nov 1967	08 Oct 2020
119	Balatbat, Larry C.	M	Filipino	Cook	EC7836128	13 Jul 1978	25 May 2021
120	Armena, Edward Jose B.	M	Filipino	Cook	EC6969780	01 Jan 1973	07 Mar 2021

(3)世界路號(SEGERO) 海纜鋪設作業船

- ◆ 主要規格：115.38 m（長）；20.02 m（寬）；12.6 m（深）；
- ◆ 8,323ton（總噸位）；6,409 ton（淨噸位）
- ◆ 船級：特殊儀裝佈纜船（Cabl Ship）
- ◆ 國籍：韓國籍（Korea）
- ◆ MMSI no :441500000； IMO no : 9165188
- ◆ 船呼（Call Sign）：DSPZ4



「世界路號 (SEGERO)」技術規格



<http://www.ktsubmarine.co.kr>

CABLE SHIP

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	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 Laying Equipment

Cable Tank	- 2 Main Tanks	Dia.-16m
	- Coiling Capacity	1,888.20m³
	- 2 Spare Tanks	Dia.-6.75m
	- Coiling Capacity	159.0m³
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	JRC, JLR-6800
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

Satellite Communication	V-SAT (Phone, FAX, Telex), T.O.P. System
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Head Office : 6F, KT Songjeong-Tower B/D, #42, Songjeonggwangeogol-ro, Haeundae-gu, Busan, Korea
TEL : 051-704-0002, FAX : 051-704-0030
Geoje Office : 887, Geojebuk-ro, Yeoncho-myeon, Geoje-si, Gyeongsangnam-do, Korea
TEL : 055-639-5110, FAX : 055-636-4900

CABLE SHIP

SEGERO

Characteristics

General Vessel Name	Cable Ship SEGERO
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Breadth Moulded	20.00m
Draft	7.814m
Deadweight	6,409ton
Net Register Tonnage (NRT)	2,496ton
Gross Tonnage	8,323ton

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Provision Crane	2t X M for ship service on fore side
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	- Coiling Capacity	1,888.20m³
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	- Coiling Capacity	159.0m³
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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	

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Main Generator Engine	Large (2Set)	4800PS X 720RPM-SSHJ/MAN-B&W
	Medium (1Set)	3600PS X 720RPM-SSHJ/MAN-B&W
	Small (1Set)	1305PS X 900RPM-SSHJ/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	FT 16H 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	JRC, JLR-6800
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

Satellite Communication	V-SAT (Phone, FAX, Telex), T.O.P. System
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「世界路號 (SEGERO)」 船員名單

由於工程作業人員及船員因採 4 ～ 6 週輪替上船值勤，因此將不定期變動，故本公司將依許可規定於正式作業前提供最新維護工程作業人員及船員資料供備查；以下資料先供參考。

NO.	職稱	姓名	性別	出生年月日	國籍	身分證明文件編號
NO.	JOB Title/Rating	Full Name	Sex	DOB	Nationality	Passport NO.
1	Master	JEONG DAEKYOUNG	Male	19-Jan-84	S. KOREA	M01200225
2	Chief Ofiicer	MUN HYUNGSANG	Male	21-Jun-90	S.KOREA	M92294670
3	2nd Ofiicer	KIM WONJAI	Male	23-Jul-92	S.KOREA	M73447973
4	3rd Ofiicer	KIM WONJEONG	Male	5-Jul-90	S.KOREA	M04078494
5	Chief Engineer	KIM TAEYONG	Male	15-Jun-85	S.KOREA	M21396559
6	Engineer	KIM HYUNGCHAN	Male	19-Jul-80	S.KOREA	M21760471
7	2nd Engineer	KIM SEONGCHEOL	Male	17-Jun-88	S.KOREA	M21402289
8	2nd Engineer	YUN TAEGYU	Male	21-Nov-90	S.KOREA	M42467172
9	3rd Engineer	YOO HYO JAE	Male	2-May-94	S.KOREA	M67780460
10	Bosun	PARK NOSIK	Male	4-Apr-67	S.KOREA	M81942229
11	Storeman	PARK KWANGSOON	Male	29-Jul-70	S.KOREA	M03900625
12	Able Seaman	KIM JONGBEOM	Male	9-Apr-63	S.KOREA	M94493496
13	Able Seaman	KIM JAEHOON	Male	27-Dec-70	S.KOREA	M50180754
14	Able Seaman	SON MOOSIK	Male	2-Jul-73	S.KOREA	M89066394
15	os	YUN UK	Male	20-Jul-71	S.KOREA	M12611237
16	os	HA JONG WON	Male	16-Jan-69	S.KOREA	M59884765
17	os	LEE JEON G MO	Male	19-Nov-67	S.KOREA	M33554456
18	os	TRAN VAN VINH	Male	3-Jan-91	VIETNAM	B8968768
19	os	NGUYEN MANH DUY	Male	13-Jul-90	VIETNAM	B7787913
20	os	LE VAN HUONG	Male	16-Jul-93	VIETNAM	C1190723
21	os	DINH CONGTAN	Male	26-Jul-94	VIETNAM	C3599879
22	os	TRAN VAN LUC	Male	9-Mar-86	VIETNAM	C4770603
23	os	BUI VAN HOANG	Male	19-Oct-88	VIETNAM	B6658861
24	os	NGUYEN VAN THANH	Male	15-Oct-82	VIETNAM	C0953528
25	os	LE DUY DAI	Male	23-Jun-93	VETNAM	C0383965
26	NOIOLR	BAE GUM MIN	Male	23-Jul-61	S.KOREA	M43825489
27	OLRA	JANG YOUNGHWAN	Male	28-JuV1960	S.KOREA	M53264008
28	OLR B	LEE SEONGJIN	Male	26-Sep-i973	S.KOREA	M31998336
29	WIPER	KIM KIBEOM	Male	18-Feb-84	S.KOREA	M73818610
30	WIPER	KIM TAE HYUN	Male	5-Feb-72	S.KOREA	M22874570
31	WIPER	SHIN SUNGWO	Male	17-May-87	S.KOREA	M00826452
32	C/STW	LEE SANGTAEK	Male	15-Feb-73	S-KOREA	M11785277
33	COOK	PARK SUNGBEONG	Male	3-Jan-72	S.KOREA	M88208685
34	COOK	KWON HYEAK BONG	Male	1-Aug-68	S.KOREA	M34309811
35	COOK	YANG SEONGHYEOK	Male	25-Apr-72	S.KORZA	M76443549
36	COOK	CAO HUU VINH	Male	10-Oct-77	VIETNAM	B7250781
37	COOK	TRAN THE KHANH	Male	1-Nov-87	VIETNAM	B5198892