

附件一

中華電信網路技術分公司 114 年 9 月 21 日 APCN2 S6 區段海纜故障修理相關資訊：

- 一、故障時間：114 年 9 月 21 日 17：43 發生海纜故障。
- 二、海纜故障地點及修理工作範圍，如附件二所示。
- 三、預定作業期間：114 年 10 月 30 日至 114 年 12 月 5 日，如附件三。
- 四、海纜搶修工作船 LS Marine Solution Segero 船舶資訊與照片，如附件四。
- 五、海纜搶修工作船 LS Marine Solution Segero 船員名冊，如附件五。
- 六、交通部航港局船舶許可文件，如附件六。

附件二

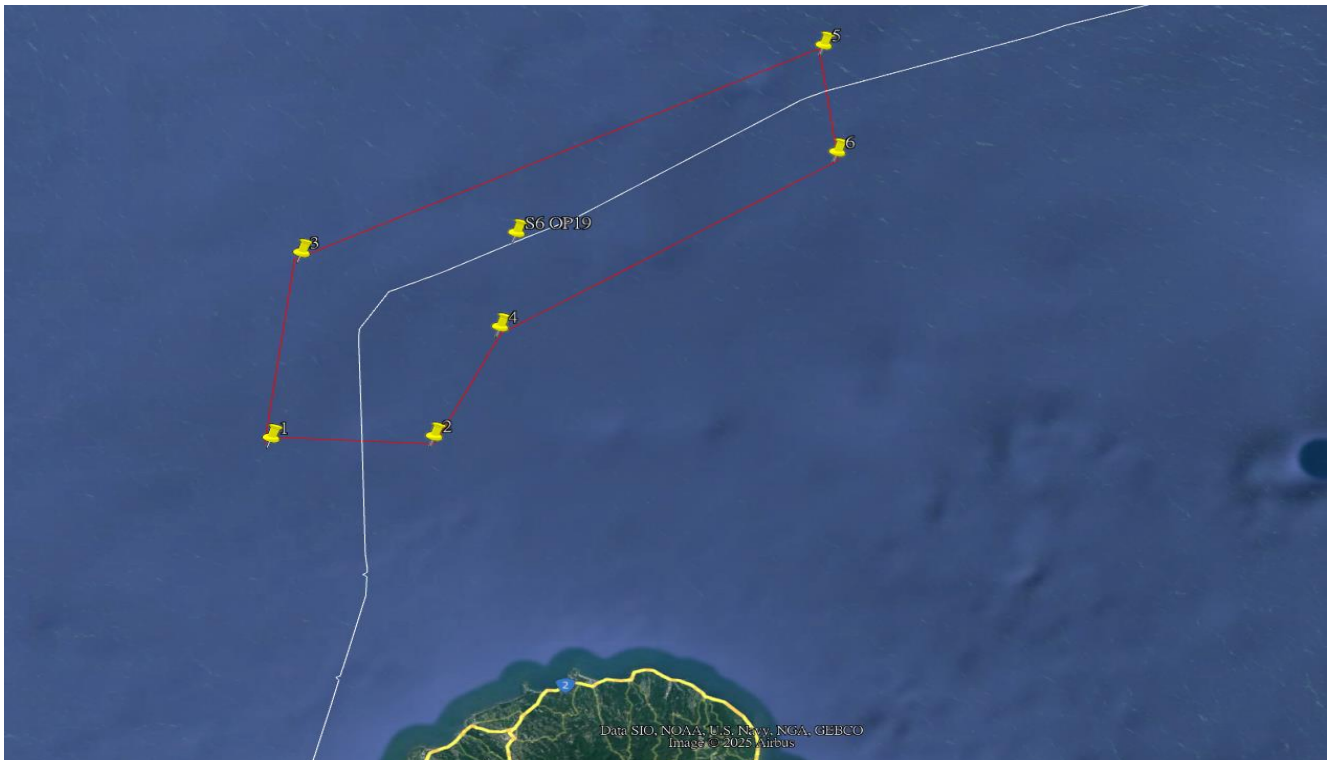
一、故障位置北緯 25 度 34.032 分；東經 121 度 30.190 分，距淡水外海約 55 公里，水深 115 公尺。



圖一：APCN2 S6 海纜故障位置圖

二、修理工作範圍：

- 1：北緯 25 度 26.219 分；東經 121 度 22.240 分
- 2：北緯 25 度 26.258 分；東經 121 度 27.533 分
- 3：北緯 25 度 33.305 分；東經 121 度 23.143 分
- 4：北緯 25 度 30.413 分；東經 121 度 29.633 分
- 5：北緯 25 度 41.302 分；東經 121 度 40.353 分
- 6：北緯 25 度 37.104 分；東經 121 度 40.749 分



圖二：APCN2 S6 海纜故障修理工作範圍

附件三

APCN2 S6 區段海纜故障修理工作時程：

項次	時間	工作項目	備註
1	1141027 ~ 1141028	Segero 號海纜船動員	
2	1141029 ~ 1141030	海纜船在倉儲站裝載維修備用海纜、中繼器及修理所需備用品等。	
3	1141030 ~ 1141101	海纜船航向 APCN2 S6 海纜故障點水域。	
4	1141101 ~ 1141103	Segero 號海纜船抵達故障維修工作區，定位、海流量測及偵測海纜故障點。	
5	1141103 ~ 1141104	執行 APCN2 S6 區段海纜撈鈎及海纜測試作業。	
6	1141104 ~ 1141105	海纜測試正常後，防水軸封海纜端頭；CB1 浮標繫放作業。	
7	1141105 ~ 1141106	海纜船執行另一端海纜撈鈎及回收作業。	
8	1141106 ~ 1141107	海纜船執行第一個接續盒接續工作(First splice)，測試光纖接續狀況及海纜特性。	
9	1141107 ~ 1141108	完成第一個接續盒接續工作後，海纜船朝 CB1 浮標方向佈放備用海纜。	
10	1141108 ~ 1141109	回收 CB1 浮標及測試海纜特性，測試海纜光電特性；確認一切正常後，進行最終接續盒接續工作(Final splice)。	
11	1141109 ~ 1141113	進行修纜後掩埋作業(PLIB)。	
12	1141113 ~ 1141202	天候不佳備用時間。	
13	1141203 ~ 1141205	航向母港。	

(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

IMO CREW LIST

(Name of shipping line, agent, etc.)

SEHDONG SHIPPING CO., LTD.

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Name of ship		Arrival	V		Departure						
Nationality of ship		Port of Arrival:					Date of Departure				
Nationality of ship		Port of Departure:					Passport No.	Passport Expiry Dates	Seaman's Book No.	Seaman's Book Expiry Dates	
No.	Given Name, Family Name	Rank or rating	Nationality	Gender	Date and place of birth		Date and place of engagement	Passport No.	Passport Expiry Dates	Seaman's Book No.	Seaman's Book Expiry Dates
1	PARK KUSANG	CAPT	S.KOREA	M	1984.10.01	S.KOREA	2025-05-01 / GEOJE, S.KOREA	M30624427	2028/10/30	BS133-02965	UNLIMITED
2	JEONG SEOKU	C/O	S.KOREA	M	1993.11.10	S.KOREA	2025-06-27 / GEOJE, S.KOREA	M926Z3736	2032/9/13	MP140-00214	UNLIMITED
3	LEE JUNMYEONG	2/O	S.KOREA	M	1997.10.27	S.KOREA	2025-06-30 / DONGHAE, S.KOREA	M66686832	2026/12/16	BS174-02152	UNLIMITED
4	KIM MINSU	2/O	S.KOREA	M	2000.11.09	S.KOREA	2025-04-28 / GEOJE, S.KOREA	M72804563	2026/4/8	BS213-02336	UNLIMITED
5	LEE HWAJONG	C/E	S.KOREA	M	1984.04.10	S.KOREA	2025-02-03 / GEOJE, S.KOREA	M033U5080	2035/1/7	BS102-03174	UNLIMITED
6	YOUN HEE DUCK	1/E	S.KOREA	M	1994.06.09	S.KOREA	2025-04-09 / GEOJE, S.KOREA	M491Y8250	2034/2/28	BS131-04532	UNLIMITED
7	JEONG ILHYEON	2/E	S.KOREA	M	1994.10.29	S.KOREA	2025-02-03 / GEOJE, S.KOREA	M109M0848	2034/12/16	BS257-00295	UNLIMITED
8	AN BAE GEUN	2/E	S.KOREA	M	1992.09.25	S.KOREA	2025-09-12 / GEOJE, S.KOREA	M59383343	2029/6/3	IC090-00612	UNLIMITED
9	JUNG HOYOUNG	3/E	S.KOREA	M	1999.12.07	S.KOREA	2025-07-16 / DONGHAE, S.KOREA	M133Q3798	2029/4/5	PH206-00166	UNLIMITED
10	PARK NOSIK	BSN	S.KOREA	M	1967.04.04	S.KOREA	2025-08-16 / DONGHAE, S.KOREA	M149C5352	2034/11/12	BS017-00193	UNLIMITED
11	LEE SUNGSOO	STK	S.KOREA	M	1971.11.13	S.KOREA	2025-03-01 / GEOJE, S.KOREA	M45933949	2030/3/3	BS168-01874	UNLIMITED
12	JEONG BYEONGJU	AB	S.KOREA	M	1974.11.24	S.KOREA	2025-07-16 / DONGHAE, S.KOREA	M03147919	2027/6/23	MS208-00063	UNLIMITED
13	KIM JONG YOON	AB	S.KOREA	M	1964.02.03	S.KOREA	2025-05-28 / GEOJE, S.KOREA	M66347270	2028/6/22	BS209-02290	UNLIMITED
14	LEE JEONG MO	AB	S.KOREA	M	1967.11.19	S.KOREA	2025-07-03 / DONGHAE, S.KOREA	M33554456	2028/2/12	BS188-00473	UNLIMITED
15	IM SUNGSAM	OS	S.KOREA	M	1970.06.07	S.KOREA	2025-03-01 / GEOJE, S.KOREA	M70441363	2030/10/23	BS200-03782	UNLIMITED
16	CHO TAEJIN	NO1OLR	S.KOREA	M	1968.07.31	S.KOREA	2026-06-29 / DONGHAE, S.KOREA	M839D9050	2033/3/21	BS928-45936	UNLIMITED
17	KIM HYOUN	OLR	S.KOREA	M	1975.01.27	S.KOREA	2025-01-01 / GEOJE, S.KOREA	M733W5527	2034/4/16	CM240-00067	UNLIMITED
18	KIM HYOUNGSOK	OLR	S.KOREA	M	1974.01.06	S.KOREA	2025-01-04 / GEOJE, S.KOREA	M563A0634	2034/7/17	BS243-02382	UNLIMITED
19	KIM DAEYONG	WPR	S.KOREA	M	1997.06.14	S.KOREA	2025-02-21 / GEOJE, S.KOREA	M562G2738	2035/2/19	MP246-00135	UNLIMITED
20	SEO JONGBEA	C/S	S.KOREA	M	1971.07.08	S.KOREA	2025-05-08 / GEOJE, S.KOREA	M92809364	2030/10/20	MS208-00084	UNLIMITED
21	CHO JUNHWA	CCK	S.KOREA	M	1986.02.07	S.KOREA	2025-05-17 / GEOJE, S.KOREA	M226J0636	2035/3/11	BS248-04176	UNLIMITED
22	KIM JUMIN	DPO	S.KOREA	M	1975.02.10	S.KOREA	2025-09-12 / GEOJE, S.KOREA	M565N9604	2033/7/11	IC223-00516	UNLIMITED
23	KYI LIN HTET	AB	MYANMAR	M	1991.05.24	MYANMAR	2025-09-12 / GEOJE, S.KOREA	MJ080507	2029/5/26	86527	10/Nov/2026
24	KYAW SWAR SOE	AB	MYANMAR	M	1986.11.10	MYANMAR	2025-09-12 / GEOJE, S.KOREA	MF372993	2026/10/7	105357	3/May/2027
25	THEIN THAN ZAW	OS	MYANMAR	M	1994.05.25	MYANMAR	2025-09-12 / GEOJE, S.KOREA	MK237506	2030/7/16	87362	7/Mar/2027
26	KYAW MIN TUN	OS	MYANMAR	M	2003.10.09	MYANMAR	2025-09-12 / GEOJE, S.KOREA	MG509835	2027/9/16	124846	17/Oct/2032
27	KYAW MIN KHANT	OS	MYANMAR	M	1994.06.11	MYANMAR	2025-09-12 / GEOJE, S.KOREA	MI510977	2029/1/21	106574	27/Sep/2027
28	THEIN SOE	AB	MYANMAR	M	1994.05.27	MYANMAR	2025-09-12 / GEOJE, S.KOREA	MH574436	2028/6/22	109699	18/Nov/2028
29	AUNG NAING HTUN	AB	MYANMAR	M	1989.01.03	MYANMAR	2025-09-12 / GEOJE, S.KOREA	MJ146885	2029/6/17	84312	10/Nov/2026
30	ZAW MYO TUN	AB	MYANMAR	M	1983.06.10	MYANMAR	2025-09-12 / GEOJE, S.KOREA	MK231990	2030/7/14	83672	18/Sep/2027

IMO CREW LIST

(Name of shipping line, agent, etc.)

SEHDONG SHIPPING CO., LTD.

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Name of ship SEGERO		Port of Arrival:		V		Departure					
Nationality of ship REPUBLIC OF KOREA		Port of Departure:						Passport No.	Passport Expiry Dates	Seaman's Book No.	Seaman's Book Expiry Dates
No.	Given Name, Family Name	Rank or rating	Nationality	Gender	Date and place of birth		Date and place of engagement				
31	YAN PAING AUNG	MB	MYANMAR	M	1997.06.04	MYANMAR	2025-09-12 / GEOJE, S.KOREA	MH673523	2028/7/7	111984	3/Jan/2029
32	HEIN HTET	MB	MYANMAR	M	1994.06.10	MYANMAR	2025-09-12 / GEOJE, S.KOREA	MF392494	2026/10/21	104390	6/Dec/2026
33	AUNG KYAW SAN	OLR	MYANMAR	M	1983.06.22	MYANMAR	2025-09-12 / GEOJE, S.KOREA	MJ203951	2029/7/8	87809	25/Dec/2027
34	MIN GAUNG	OLR	MYANMAR	M	1990.04.12	MYANMAR	2025-09-12 / GEOJE, S.KOREA	MK094223	2030/6/5	89154	22/Mar/2027
35	CHIT MYO THU	CCK	MYANMAR	M	1992.03.16	MYANMAR	2025-09-12 / GEOJE, S.KOREA	MF732946	2027/3/16	96813	11/Jan/2028
36	THEIN NAING ZAW	CCK	MYANMAR	M	1995.10.09	MYANMAR	2025-09-12 / GEOJE, S.KOREA	MH733103	2028/7/25	102576	21/Jan/2030
37	AUNG KYAW MYAT	CCK	MYANMAR	M	1997.05.28	MYANMAR	2025-09-12 / GEOJE, S.KOREA	MG856002	2027/11/17	110417	23/Jan/2029
38	KIM SAMGYEOM	CCK	S.KOREA	M	1972.12.29	S.KOREA	2025-07-05 / DONGHAE, S.KOREA	M845K6032	2034/3/26	MP240-00067	UNLIMITED
39	KIM DONGWON	OS	S.KOREA	M	1972.04.12	S.KOREA	2025-09-18 / TAICHUNG, TAIWAN	M835S7921	2034/5/3	BS188-04239	UNLIMITED
40	KIM SEOHYEON	OS	S.KOREA	M	1985.07.22	S.KOREA	2025-09-18 / TAICHUNG, TAIWAN	M12490932	2026/7/8	BS188-04244	UNLIMITED
41	KIM JAESEOK	OS	S.KOREA	M	1979.03.17	S.KOREA	2025-09-18 / TAICHUNG, TAIWAN	M52486889	2028/6/18	BS180-00013	UNLIMITED
42	SONG SEUNGHYUN	OS	S.KOREA	M	1988.09.17	S.KOREA	2025-09-18 / TAICHUNG, TAIWAN	M86827250	2030/9/29	BS209-02511	UNLIMITED
43	LEE HYEONJONG	OS	S.KOREA	M	1990.09.15	S.KOREA	2025-09-18 / TAICHUNG, TAIWAN	M46182847	2028/1/4	BS206-02271	UNLIMITED
44	KIM WOJIN	OS	S.KOREA	M	1989.05.04	S.KOREA	2025-09-18 / TAICHUNG, TAIWAN	M087F8979	2034/3/9	BS187-01352	UNLIMITED
45	JANG WOJIN	OS	S.KOREA	M	1999.12.12	S.KOREA	2025-09-18 / TAICHUNG, TAIWAN	M017F5122	2034/1/5	BS233-04211	UNLIMITED
46	KIM CHANJU	OS	S.KOREA	M	1984.08.25	S.KOREA	2025-09-19 / TAICHUNG, TAIWAN	M07972922	2027/1/6	CM184-00311	UNLIMITED
47	KIM TAEKGYUN	OS	S.KOREA	M	1998.02.12	S.KOREA	2025-09-19 / TAICHUNG, TAIWAN	M698G7963	2035/5/19	BS226-02919	UNLIMITED
48	OH JONGHYEON	OS	S.KOREA	M	1997.09.06	S.KOREA	2025-09-19 / TAICHUNG, TAIWAN	M10971153	2031/9/24	BS186-02944	UNLIMITED
49	PAK MINYEONG	OS	S.KOREA	M	1989.03.01	S.KOREA	2025-09-19 / TAICHUNG, TAIWAN	M162B8453	2033/4/24	BS223-00160	UNLIMITED

CLOSED WITH 49 CREW MEMBERS

Date and signature by master, authorized agent or officer

25-Sep-25