

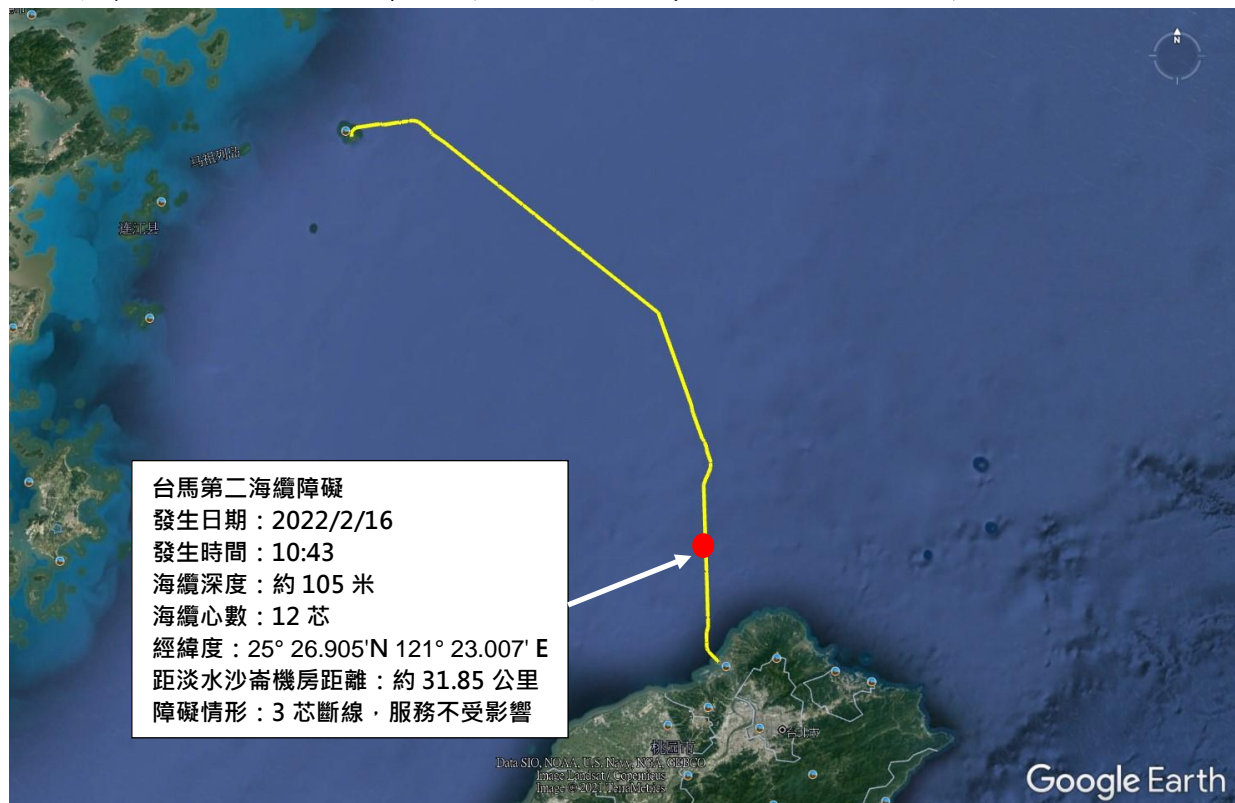
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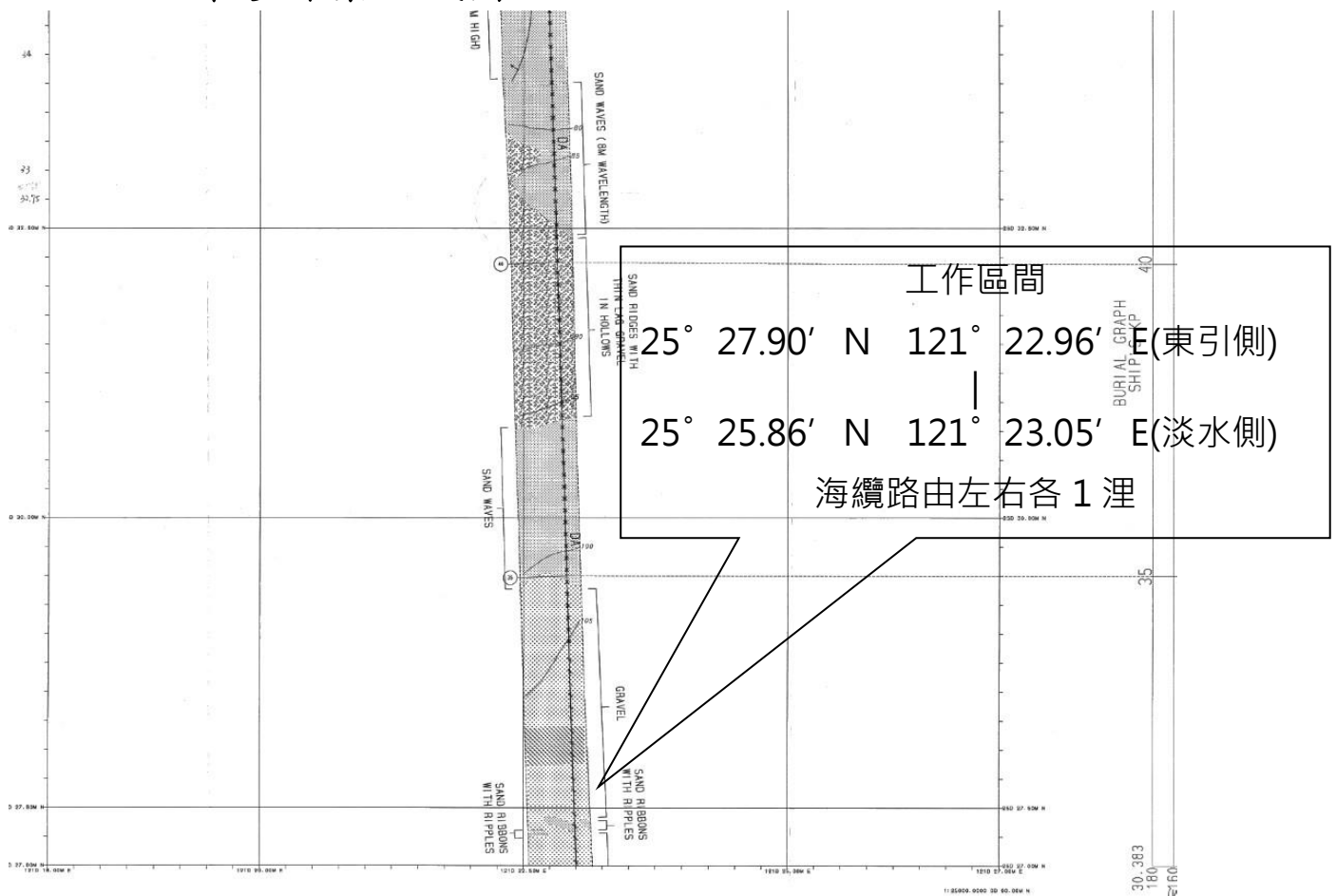
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一、維修作業範圍略圖

台馬第二海纜淡水-東引(距沙崙機房約 31.85 公里)



二、維修作業區域圖



三、維修作業時間表(含時間、作業內容)

作業時間	作業內容
111 年 3 月 10 日~3 月 30 日	海纜船前往障礙海域預留時間
111 年 3 月 31 日~4 月 26 日	海纜船分別至台馬第二海纜距沙崙機房約 31.85 公里、台馬第三海纜南竿至草漯段距南竿機房約 7.7 公里及台金第二海纜距金湖機房約 105.8 公里障礙海域作業
111 年 4 月 27 日至 5 月 10 日	考量可能天候海象異常影響工作船作業，預留時間

四、作業船舶(含作業船舶彩色圖片、船舶基本資料及所攜帶儀器清冊)

Cable Retriever 海纜船



船舶基本資料及主要設備儀器

船名	CS CABLE RETRIEVER
建造日期	1997 年
船長	131.40 米
船寬	21.80 米
總噸位	11,026tonnage
速度	12Knots
滿載重吃水深	6.5 米
續航力	42 天
障礙點確認	光時域域反射器(OTDR) MW9076B Anritsu
水下遙控器	遠端遙控機具(ROV) ALPHA8 450kW
導航定位系統	動態定位系統(DGPS)，海纜修護作業定位用 全球定位系統(GPS)，海纜船導航定位用 雷達，S band & X band，海纜船導航 測深儀 Echo Sounder，航行探測用
潛艇性能	遠端遙控機具，海床犁溝系統
速度及油料消耗	約 32 噸/每天(@16Knots) 約 15.5 噸/每天(@12Knots) 約 8.5 噸/每天(於電纜施工中和遠端遙控機具工作) 約 3.2 噸/每天(靠泊港口)
航行輔導儀器	全套現代導航設備，淺水與深水記錄深測器。
等級評價	單一的固定螺旋槳 一個 20 噸的船艏推進器 二個 7 噸的前槳推進器 二個 7 噸的船尾推進器
纜線設備	二個直徑 4 米的絞車捲筒 二個直徑 4 米的船尾滑輪
甲板設備	50 噸 A 型架構 × 1 甲板起重機 × 5
通信設備	衛星通訊 (含 voice、fax、e-mail)
設備服務	71 名船員 (含緊急動員，船工、高級船員及代表) 附有辦公設備的 單人房可供選擇

五、船員及工作人員名冊

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Version Number: 02 Date: SEPTEMBER 2019

GLOBAL MARINE GROUP
SSEM

Date	
Name of Ship	CABLE RETRIEVER
Flag	SINGAPORE
Captain	Paul Simon Haines
Agent	Conveyor Shipping
IMO Number	9063287

Gross Tonnage	11026
Net Tonnage	3307
Port of Arrival	Kaohsiung Taiwan
Date of Arrival	14 Sep 20
Last Port of Call	Kaohsiung Taiwan
Date of Departure	09 Sep 20

Key
New Joiners
Off Signers
Representatives

No.	Family Name	Given Name		Rank	Nationality	Date of Birth	Passport Number	Passport Expiry Date
1	HAINES	Paul Simon	HAINES, Paul Simon	Master	British	07 Jul 70	120800080	10 Aug 30
2	GISON	Gil John Pacilbar	GISON, Gil John Pacilbar	Chief Officer	Filipino	24 May 68	P0220001A	10 Oct 20
3	SMITH	David Everett	SMITH, David Everett	2nd Officer	British	06 Dec 68	511307730	21 May 24
4	GIRAY	Hector Relota	GIRAY, Hector Relota	3rd Officer	Filipino	16 Dec 68	P6930005A	24 Apr 20
5	SALES	Ronnie Valde	SALES, Ronnie Valde	3rd Officer	Filipino	09 Dec 68	P59000075A	02 Feb 20
6	CASH	Paul Simon	CASH, Paul Simon	D/Cadet	British	20 Dec 68	558400019	07 Dec 28
7	TSONEV	Tsonko	TSONEV, Tsonko	Chief Engr	Bulgarian	19 Aug 68	385700030	22 Jan 24
8	RABOVOL	Sergiy	RABOVOL, Sergiy	2nd Engr	Ukraine	04 May 68	FV0000279	04 May 29
9	DELA CRUZ	Tirso Villanueva	DELA CRUZ, Tirso Villanueva	3rd Engr	Filipino	14 Dec 68	P4540000A	27 Sep 20
10	CUIZON	Edwin Reion	CUIZON, Edwin Reion	3rd Engr	Filipino	21 Dec 68	P3850001B	10 Nov 29
11	LINACERO	Michael Maggay	LINACERO, Michael Maggay	4th Engr	Filipino	05 Dec 68	P5590009A	11 Jan 20
12	BURAC	Argie Ilo	BURAC, Argie Ilo	Jr Engr	Filipino	30 Dec 68	P18200018A	01 Jan 22
13	SOFTLEY	Joshua	SOFTLEY, Joshua	Engine Cadet	British	01 Dec 68	544000002	23 Mar 20
14	WALKER	Nicholas	WALKER, Nicholas	Engine Cadet	British	27 Dec 68	720000022	04 Sep 20
15	MAYOR	Mafi Filomino	MAYOR, Mafi Filomino	EO	Filipino	16 Dec 68	P0000002A	15 Aug 20
16	LAING	George	LAING, George	EO	British	08 Feb 68	502500043	05 Dec 23
17	SALEH	Paul Andrew	SALEH, Paul Andrew	Ch. Cable Engr.	British	29 Dec 68	517000065	16 May 24
18	KROMMENDIJK	Christian Gerrard	KROMMENDIJK, Christian Gerrard	Cable Engr.	British	13 Dec 68	120500007	00 Jun 30
19	ROBERTS	Sam David	ROBERTS, Sam David	Cable Engr.	British	25 Dec 68	518000088	14 May 28
20	BRADFORD	Paul Anthony	BRADFORD, Paul Anthony	CSE	British	27 Dec 68	554100041	00 Mar 29
21	BOSTOCK	Mark	BOSTOCK, Mark	SE	British	09 Dec 68	560500076	03 Apr 20
22	HAWKINS	Martin Robert	HAWKINS, Martin Robert	SE	British	26 Dec 68	560500095	12 Aug 20
23	DE OCAMPO	Alan Resurreccion	DE OCAMPO, Alan Resurreccion	JE	Filipino	08 Dec 68	P5550000A	00 Jan 28
24	ABAN	Roger Payonga	ABAN, Roger Payonga	ST	Filipino	03 Dec 68	P4900000B	25 Feb 20
25	ALFARO	Donato Borromeo	ALFARO, Donato Borromeo	JST	Filipino	04 Dec 68	P3700004B	01 Nov 29
26	AGUDELO	Angelito De Pedro	AGUDELO, Angelito De Pedro	ST	Filipino	24 Dec 68	P2670004A	10 Apr 22
27	DALANGIN	Jordan Lagrama	DALANGIN, Jordan Lagrama	JST	Filipino	21 Dec 68	P5500006A	07 Jan 20
28	MENDOZA	Jose Edward Santos	MENDOZA, Jose Edward Santos	Admin / Officer	Filipino	20 Dec 68	P8610000A	04 Sep 28
29	DELA ROSA	Gil Cabildo	DELA ROSA, Gil Cabildo	Bosun	Filipino	13 Dec 68	P5000001A	03 Jan 20
30	LUALHATI	Edmundo Ilagan	LUALHATI, Edmundo Ilagan	Carpenter	Filipino	16 Dec 68	P8700000A	15 Sep 28
31	MAGPAYO	Alberto Magpayo	MAGPAYO, Alberto Magpayo	Bosun Mate	Filipino	01 Dec 68	P2200000B	21 May 20
32	RADAM	Hermogenes Jr. Devad	RADAM, Hermogenes Jr. Devad	Bosun Mate	Filipino	25 Dec 68	P5000007A	10 Jan 28
33	ADRIANO	Anthony Munoz	ADRIANO, Anthony Munoz	AB	Filipino	20 Dec 68	EC7000098	09 Apr 20
34	ESON	Aunemar Jaban	ESON, Aunemar Jaban	AB	Filipino	06 Dec 68	P0500007A	06 Oct 20
35	BAGTAS	Philip Gabriel	BAGTAS, Philip Gabriel	AB	Filipino	09 Dec 68	P9600000A	10 Nov 28
36	CABILLA	Eric Naraga	CABILLA, Eric Naraga	AB	Filipino	21 Dec 68	P6900000A	24 Apr 20
37	DELIMA	Antonio Sergio	DELIMA, Antonio Sergio	AB	Filipino	11 Dec 68	P0400004B	05 Jan 29
38	JAVIER	Arman Belasa	JAVIER, Arman Belasa	AB	Filipino	21 Dec 68	EC7000098	03 Jun 20
39	MERCADO	John Ritch	MERCADO, John Ritch	O/S	Filipino	11 Dec 68	P3400007A	04 Jun 22
40	MAYOR	Millard Filomino	MAYOR, Millard Filomino	O/S	Filipino	24 Dec 68	EC7000093	14 May 20
41	MALINIS	Ryan Consul	MALINIS, Ryan Consul	O/S	Filipino	05 Dec 68	P4700000A	07 Oct 22
42	ROY	Marjonavich Cortez	ROY, Marjonavich Cortez	O/S	Filipino	06 Dec 68	EC6700016	09 Feb 20
43	REYES	Carlos Jr. Songco	REYES, Carlos Jr. Songco	CSK	Filipino	18 Dec 68	P6200000A	05 Feb 28
44	RAMOS	Avelino Alihan	RAMOS, Avelino Alihan	Ftr/DED	Filipino	21 Dec 68	P0300007B	23 Jan 20
45	WYCO	Fernando Maniago	WYCO, Fernando Maniago	Ftr/DED	Filipino	30 Dec 68	P1170000A	10 Dec 21
46	JOGUILON	Arnaldo Palma	JOGUILON, Arnaldo Palma	Ftr/DED	Filipino	10 Dec 68	P4400000B	15 Jan 20
47	GARCIA	Cayetano Cuizon	GARCIA, Cayetano Cuizon	Ftd/DED	Filipino	07 Dec 68	EC7200006	20 Mar 21
48	CAVITE	Rommel Jalandoni	CAVITE, Rommel Jalandoni	Ftd/DED	Filipino	08 Dec 68	P3000004B	08 Sep 20
49	PILOTOS	Isidoro Golis	PILOTOS, Isidoro Golis	Motorman	Filipino	27 Dec 68	P9500001A	05 Dec 28
50	ARRIESGADO	Edgar Beloria	ARRIESGADO, Edgar Beloria	Motorman	Filipino	27 Dec 68	EC8000075	15 Jul 21
51	BALDOZA	Joel Ilagan	BALDOZA, Joel Ilagan	Motorman	Filipino	16 Dec 68	P1200000B	00 Mar 29
52	MANGABA	Conrado Jr. Casue	MANGABA, Conrado Jr. Casue	Chief Cook	Filipino	16 Dec 68	P4500005B	20 Feb 30
53	NIERE	Arvin Yagong	NIERE, Arvin Yagong	2/Cook	Filipino	28 Dec 68	P0610000A	11 Oct 21
54	UY	Michael Bryan Alayon	UY, Michael Bryan Alayon	Steward	Filipino	04 Dec 68	P2170000A	06 Mar 20
55	CATANDUANES	Erwin Sepillo	CATANDUANES, Erwin Sepillo	Steward	Filipino	20 Dec 68	P0780000B	20 Feb 29
56	RAMOS	Terence John Honest I Dulav	RAMOS, Terence John Honest I Dulav	Steward	Filipino	16 Dec 68	EC8000006	03 Jul 21

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