

附件

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一、 維修作業範圍略圖

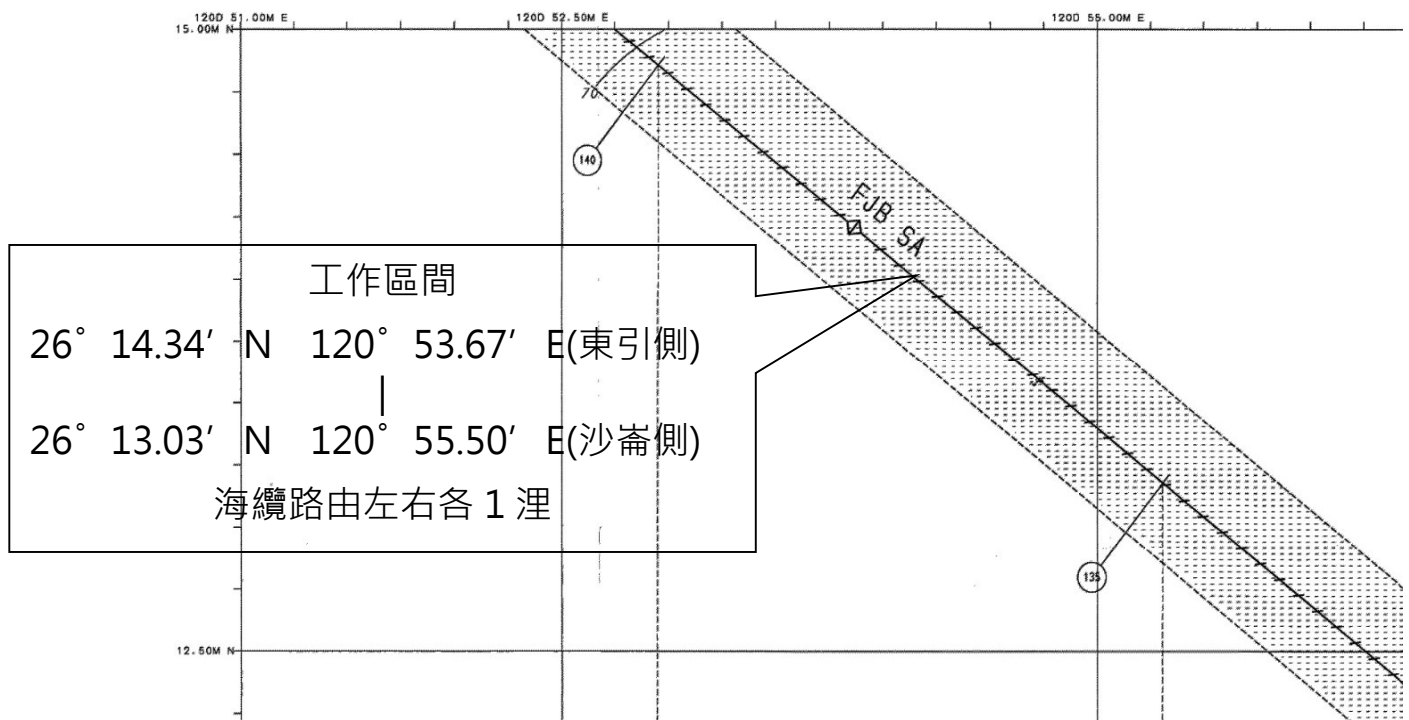
台馬第二海纜淡水至東引(距東引機房約 52.7 公里及距沙崙機房約 41.6 公里等 2 處)

台馬第三海纜草漯至南竿段(距南竿機房約 40.3 公里 1 處)

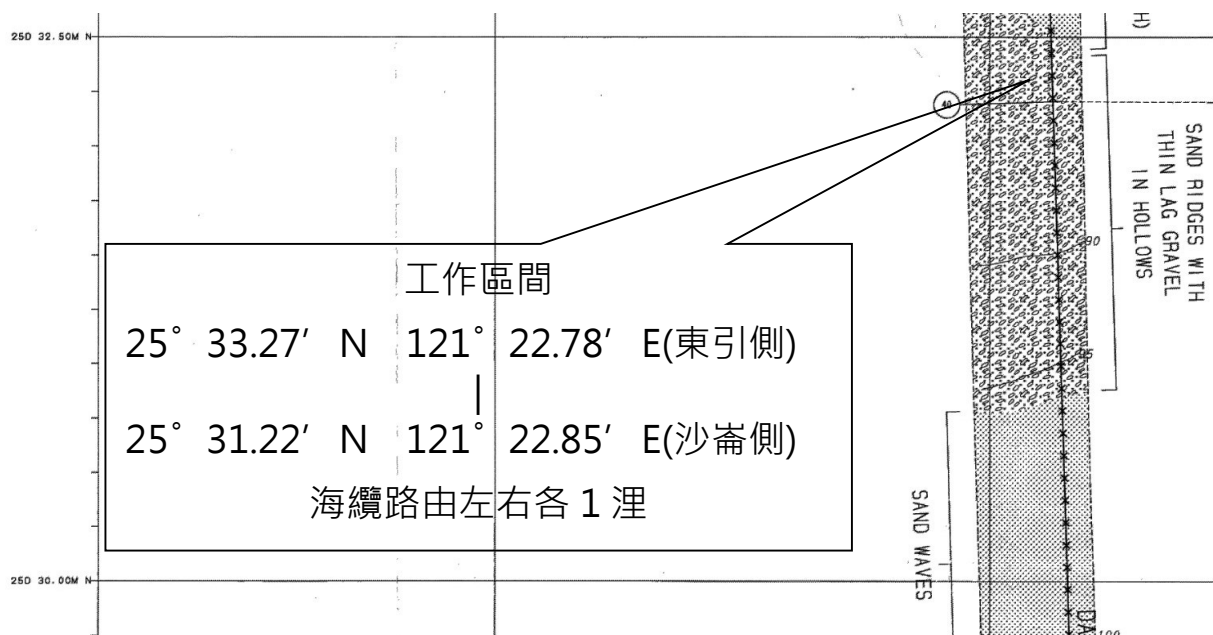


二、 維修作業區域圖

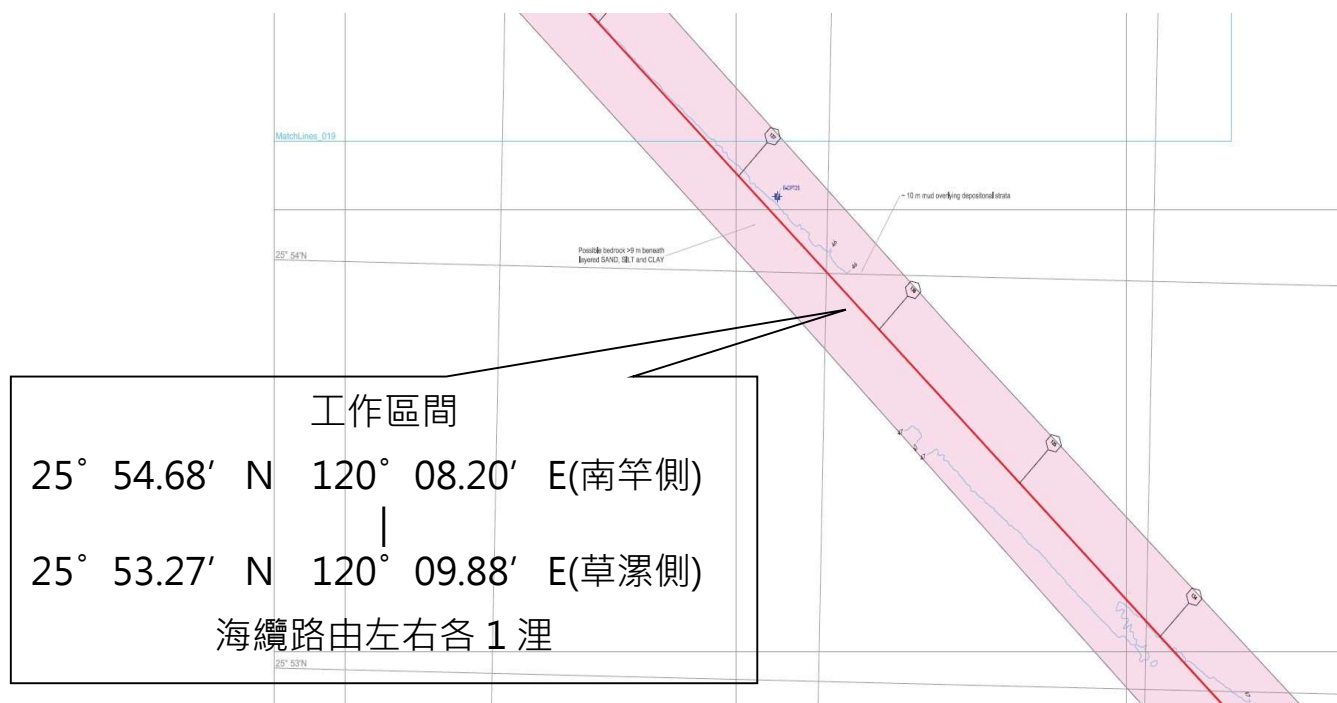
台馬第二海纜淡水至東引(距東引機房約 52.7 公里處)



台馬第二海纜淡水至東引(距沙崙機房約 41.6 公里處)



台馬第三海纜草漯至南竿段(距南竿機房約 40.3 公里處)



三、 維修作業時間表(含時間、作業內容)

作業時間	作業內容
112 年 3 月 17 日至 5 月 16 日	海纜船至台馬第二海纜淡水至東引距東引機房約 52.7 公里與距沙崙機房約 41.6 公里處，台馬第三海纜草漯至南竿段距南竿機房約 40.3 公里處障礙海域作業
112 年 5 月 17 日至 6 月 17 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 噸的船舷推進器 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 Jun 70	120800080	10 Aug 30
2	GISON	Gil John Pacibar	GISON, Gil John Pacibar	Chief Officer	Filipino	24 Jun 70	P022001A	10 Oct 20
3	SMITH	David Everett	SMITH, David Everett	2nd Officer	British	06 Jun 70	511307730	20 May 24
4	GIRAY	Hector Relota	GIRAY, Hector Relota	3rd Officer	Filipino	16 Jun 70	P6930025A	24 Apr 20
5	SALES	Ronnie Valde	SALES, Ronnie Valde	3rd Officer	Filipino	09 Jun 70	P5900075A	02 Feb 20
6	CASH	Paul Simon	CASH, Paul Simon	DiCadet	British	20 Jun 70	558400419	07 Dec 28
7	TSONEV	Tsonko	TSONEV, Tsonko	Chief Engr	Bulgarian	19 Jun 70	385700030	22 Jan 24
8	RABOVOL	Sergiy	RABOVOL, Sergiy	2nd Engr	Ukraine	04 Jun 70	FV0000279	09 May 29
9	DELA CRUZ	Tirso Villanueva	DELA CRUZ, Tirso Villanueva	3rd Engr	Filipino	14 Jun 70	P4540700A	27 Sep 20
10	CUIZON	Edwin Relon	CUIZON, Edwin Relon	3rd Engr	Filipino	21 Jun 70	P3850001B	06 Nov 29
11	LINACERO	Michael Maggay	LINACERO, Michael Maggay	4th Engr	Filipino	05 Jun 70	P5590009A	11 Jan 20
12	BURAC	Argie Ilo	BURAC, Argie Ilo	Jr Engr	Filipino	30 Jun 70	P1820018A	01 Jan 22
13	SOFTLEY	Joshua	SOFTLEY, Joshua	Engine Cadet	British	01 Jun 70	544000002	23 Mar 27
14	WALKER	Nicholas	WALKER, Nicholas	Engine Cadet	British	27 Jun 70	720000022	04 Sep 20
15	MAYOR	Mafil Filomino	MAYOR, Mafil Filomino	EO	Filipino	16 Jun 70	P0000002A	15 Aug 20
16	LAING	George	LAING, George	EO	British	08 Jun 70	502000043	00 Dec 23
17	SALEH	Paul Andrew	SALEH, Paul Andrew	Ch. Cable Engr.	British	29 Jun 70	517000065	16 May 24
18	KROMMENDIJK	Christian Gerrard	KROMMENDIJK, Christian Gerrard	Cable Engr.	British	13 Jun 70	120500027	00 Jun 30
19	ROBERTS	Sam David	ROBERTS, Sam David	Cable Engr.	British	25 Jun 70	518000088	14 May 28
20	BRADFORD	Paul Anthony	BRADFORD, Paul Anthony	CSE	British	27 Jun 70	554100041	00 Mar 29
21	BOSTOCK	Mark	BOSTOCK, Mark	SE	British	09 Jun 70	560000076	03 Apr 20
22	HAWKINS	Martin Robert	HAWKINS, Martin Robert	SE	British	26 Jun 70	560000095	12 Aug 20
23	DE OCAMPO	Alan Resurreccion	DE OCAMPO, Alan Resurreccion	JE	Filipino	08 Jun 70	P5590003A	00 Jan 28
24	ABAN	Roger Payonga	ABAN, Roger Payonga	ST	Filipino	03 Jun 70	P4940000B	25 Feb 20
25	ALFARO	Donato Borromeo	ALFARO, Donato Borromeo	JST	Filipino	04 Jun 70	P3730004B	01 Nov 29
26	AGUDELO	Angelito De Pedro	AGUDELO, Angelito De Pedro	ST	Filipino	24 Jun 70	P2670004A	10 Apr 22
27	DALANGIN	Jordan Lagrama	DALANGIN, Jordan Lagrama	JST	Filipino	21 Jun 70	P5500006A	07 Jan 20
28	MENDOZA	Jose Edward Santos	MENDOZA, Jose Edward Santos	Admin / Officer	Filipino	20 Jun 70	P8010000A	04 Sep 28
29	DELA ROSA	Gil Cabildo	DELA ROSA, Gil Cabildo	Bosun	Filipino	13 Jun 70	P5000001A	03 Jan 20
30	LUALHATI	Edmundo Ilagan	LUALHATI, Edmundo Ilagan	Carpenter	Filipino	16 Jun 70	P8700000A	10 Sep 28
31	MAGPAYO	Alberto Magpayo	MAGPAYO, Alberto Magpayo	Bosun Mate	Filipino	01 Jun 70	P2200003B	21 May 20
32	RADAM	Hermogenes Jr. Devad	RADAM, Hermogenes Jr. Devad	Bosun Mate	Filipino	25 Jun 70	P5000007A	00 Jan 28
33	ADRIANO	Anthony Munoz	ADRIANO, Anthony Munoz	AB	Filipino	20 Jun 70	EC7000098	09 Apr 20
34	ESON	Aunemar Jaban	ESON, Aunemar Jaban	AB	Filipino	06 Jun 70	P0510007A	06 Oct 20
35	BAGTAS	Philip Gabriel	BAGTAS, Philip Gabriel	AB	Filipino	09 Jun 70	P9610007A	00 Nov 28
36	CABILLA	Eric Naraga	CABILLA, Eric Naraga	AB	Filipino	21 Jun 70	P6900000A	24 Apr 20
37	DELIMA	Antonio Sergio	DELIMA, Antonio Sergio	AB	Filipino	11 Jun 70	P0400004B	00 Jan 29
38	JAVIER	Arman Belasa	JAVIER, Arman Belasa	AB	Filipino	21 Jun 70	EC7000098	03 Jun 20
39	MERCADO	John Ritch	MERCADO, John Ritch	O/S	Filipino	11 Jun 70	P3410004A	04 Jun 22
40	MAYOR	Millard Filomino	MAYOR, Millard Filomino	O/S	Filipino	24 Jun 70	EC7000033	14 May 20
41	MALINIS	Ryan Consul	MALINIS, Ryan Consul	O/S	Filipino	05 Jun 70	P4700007A	07 Oct 22
42	ROY	Marjonavich Cortez	ROY, Marjonavich Cortez	O/S	Filipino	06 Jun 70	EC6700016	09 Feb 20
43	REYES	Carlos Jr. Songco	REYES, Carlos Jr. Songco	CSK	Filipino	18 Jun 70	P6200003A	00 Feb 28
44	RAMOS	Avelino Alihan	RAMOS, Avelino Alihan	Ftr/DED	Filipino	21 Jun 70	P0300007B	23 Jan 20
45	WYCO	Fernando Maniago	WYCO, Fernando Maniago	Ftr/DED	Filipino	30 Jun 70	P1170000A	00 Dec 21
46	JOQUILON	Arnaldo Palma	JOQUILON, Arnaldo Palma	Ftr/DED	Filipino	10 Jun 70	P4400002B	15 Jan 20
47	GARCIA	Cayetano Cuizon	GARCIA, Cayetano Cuizon	Ftd/DED	Filipino	07 Jun 70	EC7200136	20 Mar 21
48	CAVITE	Rommel Jalandoni	CAVITE, Rommel Jalandoni	Ftd/DED	Filipino	08 Jun 70	P3001004B	08 Sep 20
49	PILOTOS	Isidoro Golis	PILOTOS, Isidoro Golis	Motorman	Filipino	27 Jun 70	P9000001A	00 Dec 28
50	ARRIESGADO	Edgar Beloria	ARRIESGADO, Edgar Beloria	Motorman	Filipino	27 Jun 70	EC8000075	15 Jul 27
51	BALDOZA	Joel Ilagan	BALDOZA, Joel Ilagan	Motorman	Filipino	16 Jun 70	P1000003B	00 Mar 29
52	MANGABA	Conrado Jr. Casue	MANGABA, Conrado Jr. Casue	Chief Cook	Filipino	16 Jun 70	P4001005B	00 Feb 30
53	NIERE	Arvin Yagong	NIERE, Arvin Yagong	2/Cook	Filipino	28 Jun 70	P0610005A	11 Oct 20
54	UY	Michael Bryan Alayon	UY, Michael Bryan Alayon	Steward	Filipino	04 Jun 70	P2170003A	00 Mar 20
55	CATANDUANES	Erwin Sepillo	CATANDUANES, Erwin Sepillo	Steward	Filipino	20 Jun 70	P0780000B	01 Feb 29
56	RAMOS	Terence John Honest I Dulav	RAMOS, Terence John Honest I Dulav	Steward	Filipino	16 Jun 70	EC8100096	03 Jul 01

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