

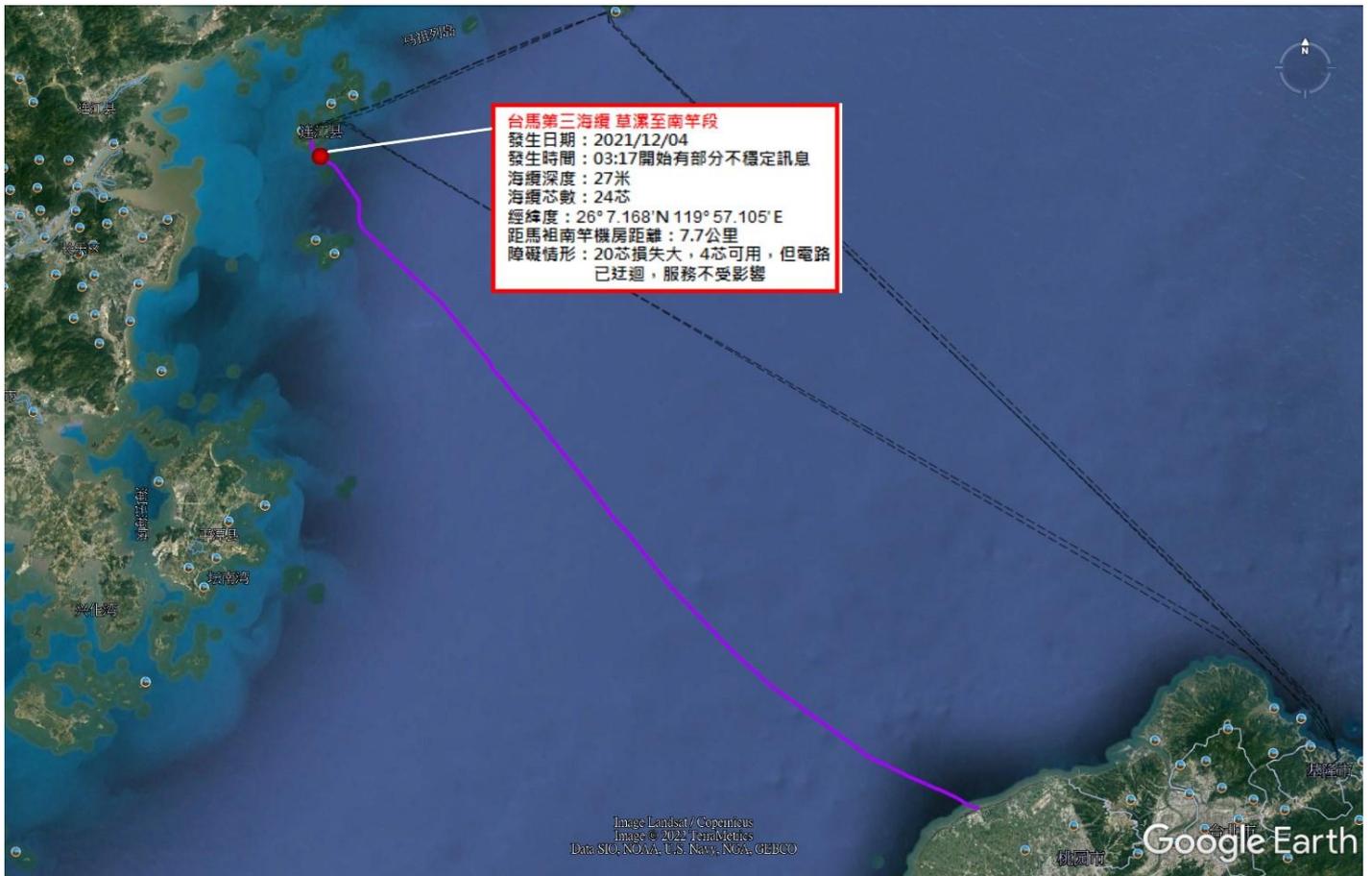
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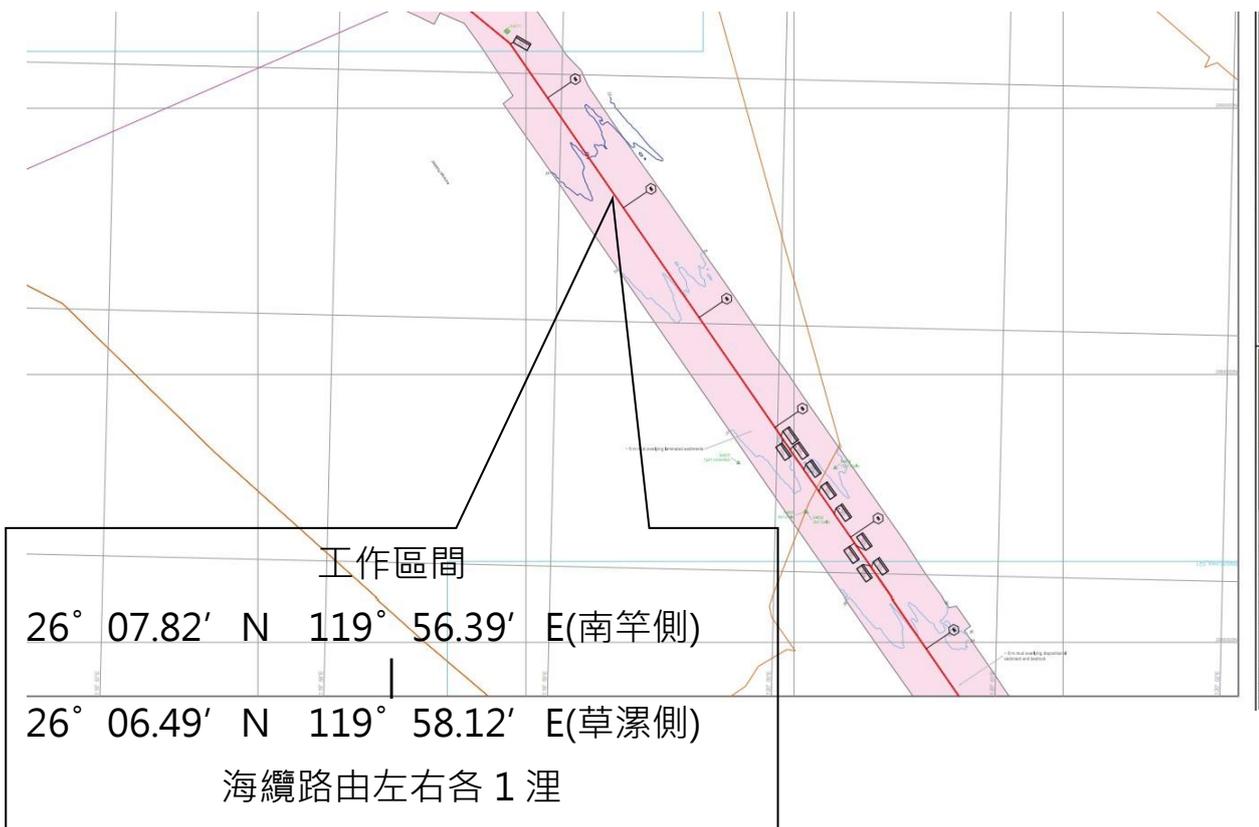
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一、維修作業範圍略圖

台馬第三海纜南竿至草漯段(距南竿機房約 7.7 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 月中旬 | 海纜船抵達港口裝載海纜料機具 |
| 111 年 3 月中旬~4 月 30 日 | 海纜船前往第一障礙海域進行海纜撈鈎、斷點接續作業；前往第二障礙處修理後，返回港口卸載海纜及接續料機具 |
| 期間至 111 年 5 月 10 日 | 考量可能天候海象異常影響海纜船作業，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

| | |
|---------|---|
| 船名 | Cable Retriever |
| 建造日期 | 1997 年 |
| 國籍 | 新加坡 |
| 船長 | 131.4 米 |
| 船寬 | 21.8 米 |
| 船深 | 8.7m |
| 總噸位 | 11026ton |
| 淨噸位 | 3307ton |
| 夏天載重吃水 | 6.5 米 |
| 續航力 | 42 天 |
| 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(全速) 約 15.5 噸/每天(經濟速度) 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) |

攜帶儀器清冊

| | |
|--------|---|
| 航行輔助儀器 | 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 07 噸的前槳推進器 二個 07 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 米的起重滑輪 |
| 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 | 80 名船員 (包含船工、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

Document Filename: GMG-J-FO-0301 Crew List
Version Number: 02 Date: SEPTEMBER 2019

GLOBAL MARINE | GROU
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 Pacilbar | GISON, Gil John Pacilbar | Chief Officer | Filipino | 24 Feb 68 | P0220001A | 10 Oct 20 |
| 3 | SMITH | David Everett | SMITH, David Everett | 2nd Officer | British | 06 Dec 68 | 511307730 | 20 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 | P5900075A | 02 Feb 20 |
| 6 | CASH | Paul Simon | CASH, Paul Simon | Di/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 Dec 68 | FV0000079 | 01 May 29 |
| 9 | DELA CRUZ | Tirso Villanueva | DELA CRUZ, Tirso Villanueva | 3rd Engr | Filipino | 14 Dec 68 | P4540700A | 27 Sep 20 |
| 10 | CUIZON | Edwin Relon | CUIZON, Edwin Relon | 3rd Engr | Filipino | 21 Dec 68 | P3850001B | 06 Nov 29 |
| 11 | LINACERO | Michael Maggay | LINACERO, Michael Maggay | 4th Engr | Filipino | 05 Dec 68 | P5597009A | 11 Jan 20 |
| 12 | BURAC | Argie Ilo | BURAC, Argie Ilo | Jr Engr | Filipino | 30 Dec 68 | P1820018A | 01 Jan 22 |
| 13 | SOFTLEY | Joshua | SOFTLEY, Joshua | Engine Cadet | British | 01 Dec 68 | 544000002 | 23 Mar 27 |
| 14 | WALKER | Nicholas | WALKER, Nicholas | Engine Cadet | British | 27 Dec 68 | 720000022 | 06 Sep 20 |
| 15 | MAYOR | Maffi Filomino | MAYOR, Maffi Filomino | EO | Filipino | 16 Dec 68 | P0000002A | 15 Aug 21 |
| 16 | LAING | George | LAING, George | EO | British | 08 Dec 68 | 502000043 | 00 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 | 03 Jun 30 |
| 19 | ROBERTS | Sam David | ROBERTS, Sam David | Cable Engr. | British | 25 Dec 68 | 518000088 | 14 May 20 |
| 20 | BRADFORD | Paul Anthony | BRADFORD, Paul Anthony | CSE | British | 27 Dec 68 | 554107041 | 00 Mar 29 |
| 21 | BOSTOCK | Mark | BOSTOCK, Mark | SE | British | 09 Dec 68 | 560000076 | 03 Apr 20 |
| 22 | HAWKINS | Martin Robert | HAWKINS, Martin Robert | SE | British | 26 Dec 68 | 560000095 | 12 Aug 20 |
| 23 | DE OCAMPO | Alan Resurreccion | DE OCAMPO, Alan Resurreccion | JE | Filipino | 08 Dec 68 | P5557000A | 00 Jan 28 |
| 24 | ABAN | Roger Payonga | ABAN, Roger Payonga | ST | Filipino | 03 Dec 68 | P4940000B | 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 | 00 Apr 22 |
| 27 | DALANGIN | Jordan Lagrama | DALANGIN, Jordan Lagrama | JST | Filipino | 21 Dec 68 | P5540006A | 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 | 02 Sep 28 |
| 31 | MAGPAYO | Alberto Magpayo | MAGPAYO, Alberto Magpayo | Bosun Mate | Filipino | 01 Dec 68 | P2200003B | 21 May 20 |
| 32 | RADAM | Hermogenes Jr. Devad | RADAM, Hermogenes Jr. Devad | Bosun Mate | Filipino | 25 Dec 68 | P5000007A | 00 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 | P9610000A | 00 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 | 00 Jan 29 |
| 38 | JAVIER | Arman Belasa | JAVIER, Arman Belasa | AB | Filipino | 21 Dec 68 | EC7000098 | 03 Jun 21 |
| 39 | MERCADO | John Ritch | MERCADO, John Ritch | O/S | Filipino | 11 Dec 68 | P3410004A | 04 Jun 22 |
| 40 | MAYOR | Millard Filomino | MAYOR, Millard Filomino | O/S | Filipino | 24 Dec 68 | EC7000033 | 14 May 25 |
| 41 | MALINIS | Ryan Consul | MALINIS, Ryan Consul | O/S | Filipino | 05 Dec 68 | P4700000A | 09 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 | 00 Feb 28 |
| 44 | RAMOS | Avelino Alhan | RAMOS, Avelino Alhan | Ftr/DED | Filipino | 21 Dec 68 | P0300007B | 23 Jan 20 |
| 45 | WYCO | Fernando Maniago | WYCO, Fernando Maniago | Ftr/DED | Filipino | 30 Dec 68 | P1170000A | 00 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 | P3001004B | 08 Sep 29 |
| 49 | PILOTOS | Isidoro Golis | PILOTOS, Isidoro Golis | Motorman | Filipino | 27 Dec 68 | P9000401A | 00 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 | P1200003B | 00 Mar 29 |
| 52 | MANGABA | Conrado Jr. Casue | MANGABA, Conrado Jr. Casue | Chief Cook | Filipino | 16 Dec 68 | P4001005B | 00 Feb 30 |
| 53 | NIERE | Arvin Yagong | NIERE, Arvin Yagong | 2/Cook | Filipino | 28 Dec 68 | P0610005A | 11 Oct 21 |
| 54 | UY | Michael Bryan Alayon | UY, Michael Bryan Alayon | Steward | Filipino | 04 Dec 68 | P2100000A | 06 Mar 20 |
| 55 | CATANDUANES | Erwin Sepillo | CATANDUANES, Erwin Sepillo | Steward | Filipino | 20 Dec 68 | P0780000B | 01 Feb 29 |
| 56 | RAMOS | Tarence John Honest I Dulav | RAMOS, Tarence John Honest I Dulav | Steward | Filipino | 16 Dec 68 | EC8010006 | 03 Jul 01 |

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