

1 作業時間範圍 Operational Schedule and Area

1.1 路障清除作業 PLGR

安裝電纜前，將動員船隻進行海床勘查，並以抓鉤延電纜路徑清除海床上任何障礙物，如圖 1-1 所示，在此期間船舶將處於操縱受限狀態故，設置以下安全區。

預計作業時間：2026 年 2 月 10 日至 2026 年 3 月 15 日，取決於天候條件及工程進度。

安全區範圍：整條電纜路徑（位置如圖 1-2 所示，座標如表 1-1）周圍 500 公尺之海域。

Before cable installation, vessels will be mobilized to conduct a seabed survey and use a grapnel to clear any obstacles on the seabed along the cable route, as shown in Figure 1-1. During this time, the vessel will be navigating under restricted maneuverability. Therefore, the following exclusion zone is established.

Estimated operational period: 10 February 2026 to 15 March 2026, subject to weather conditions and project progress.

Exclusion zone: A 500-meter radius around the entire cable route (location shown in Figure 1-2, coordinates provided in Table 1-1).

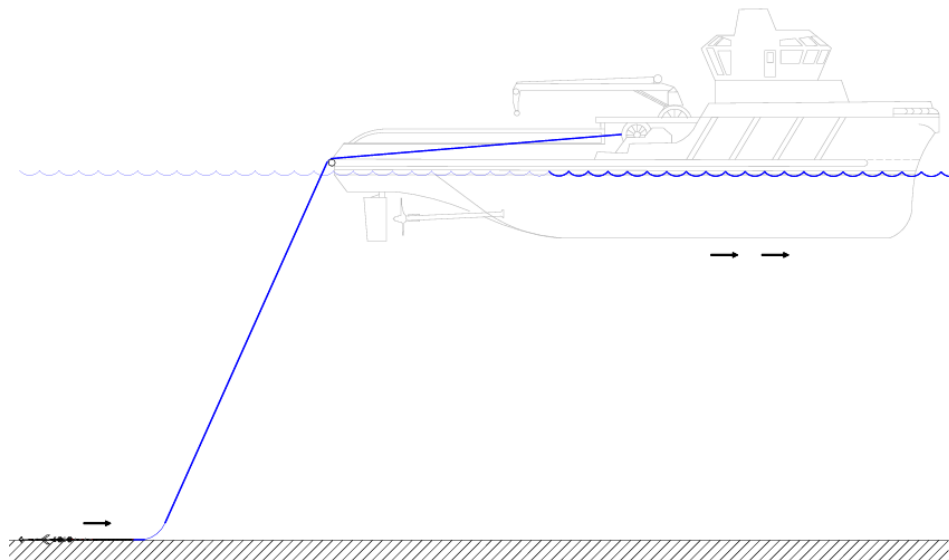


Figure 1-1 路障清除作業

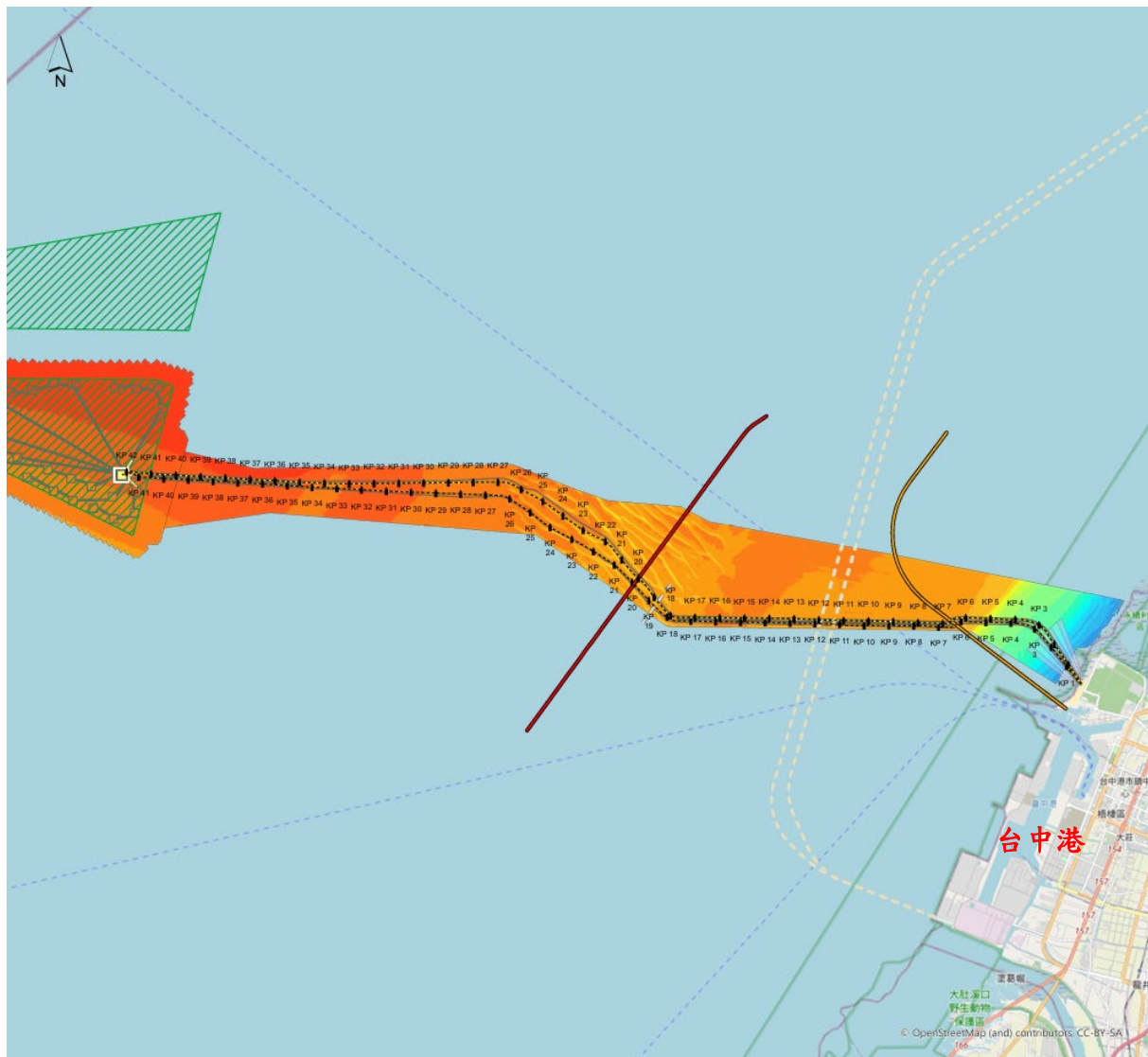


Figure 1-2 電纜路徑



Table 1-1 電纜路徑座標

輸出海纜 1 (EC1)				
TWD97 E	TWD97 N	WGS84 E	WGS84 N	KP (km)
201273.20	2688533.01	120°31'12	24°18'06	0.001
199506.37	2690904.85	120°30'09	24°19'24	3.000
184650.85	2691305.67	120°21'22	24°19'34	18.000
178626.22	2696394.84	120°17'47	24°22'19	26.000
162545.19	2696976.39	120°08'16	24°22'35	42.205
輸出海纜 2 (EC2)				
TWD97 E	TWD97 N	WGS84 E	WGS84 N	KP (km)
201250.80	2688502.82	120°31'11	24°18'05	0.001
199339.16	2690770.38	120°30'03	24°19'19	3.000
184517.26	2691244.77	120°21'17	24°19'33	18.000
178167.71	2696011.16	120°17'31	24°22'06	26.000
162549.58	2696973.03	120°08'17	24°22'35	41.717



2 船舶基本資料 Vessel Information

2.1 船舶規格 Vessel specifications

2.1.1 測量調查作業 Survey

船名 (vessel name)		Falcon No. 3
船籍 (Registry)	臺灣 Taiwan	
船舶號數 (IMO No.)	9894002	
總噸數 (GRT)	168.11 ton	
淨噸數 (NRT)	50.43 ton	
船長 (Length)	26.30 m	
船寬 (Beam Moulded)	10.30 m	
航行速率 (Speed)	Max. 24.5 knots	



Figure 2-1 Falcon No. 3



2.1.2 路障清除作業 PLGR

船名 (vessel name)	Orient Explorer
船籍 (Registry)	臺灣 Taiwan
船舶號數 (IMO No.)	9625114
總噸數 (GRT)	1759 ton
淨噸數 (NRT)	527 ton
船長 (Length)	58.74 m
船寬 (Beam Moulded)	16.0 m
航行速率 (Speed)	Max. 13 knots



Figure 2-2 Orient Explorer

2.2 船隻航線 Sailing Route

船舶的母港預計為台中港，航行範圍涵蓋台中港與上述施工區域，作業完成後，船舶將返回台中港，如下圖所示。實際航行路線將根據即時氣象與海況進行適當調整。

The vessels' marshaling harbor is planned to be Taichung Port. Their navigation area will cover Taichung Port and the above-mentioned work areas. Upon completion of the operations, the vessels will return to Taichung Port, as shown in below figure. The actual routes will be adjusted as necessary based on real-time weather and sea conditions.

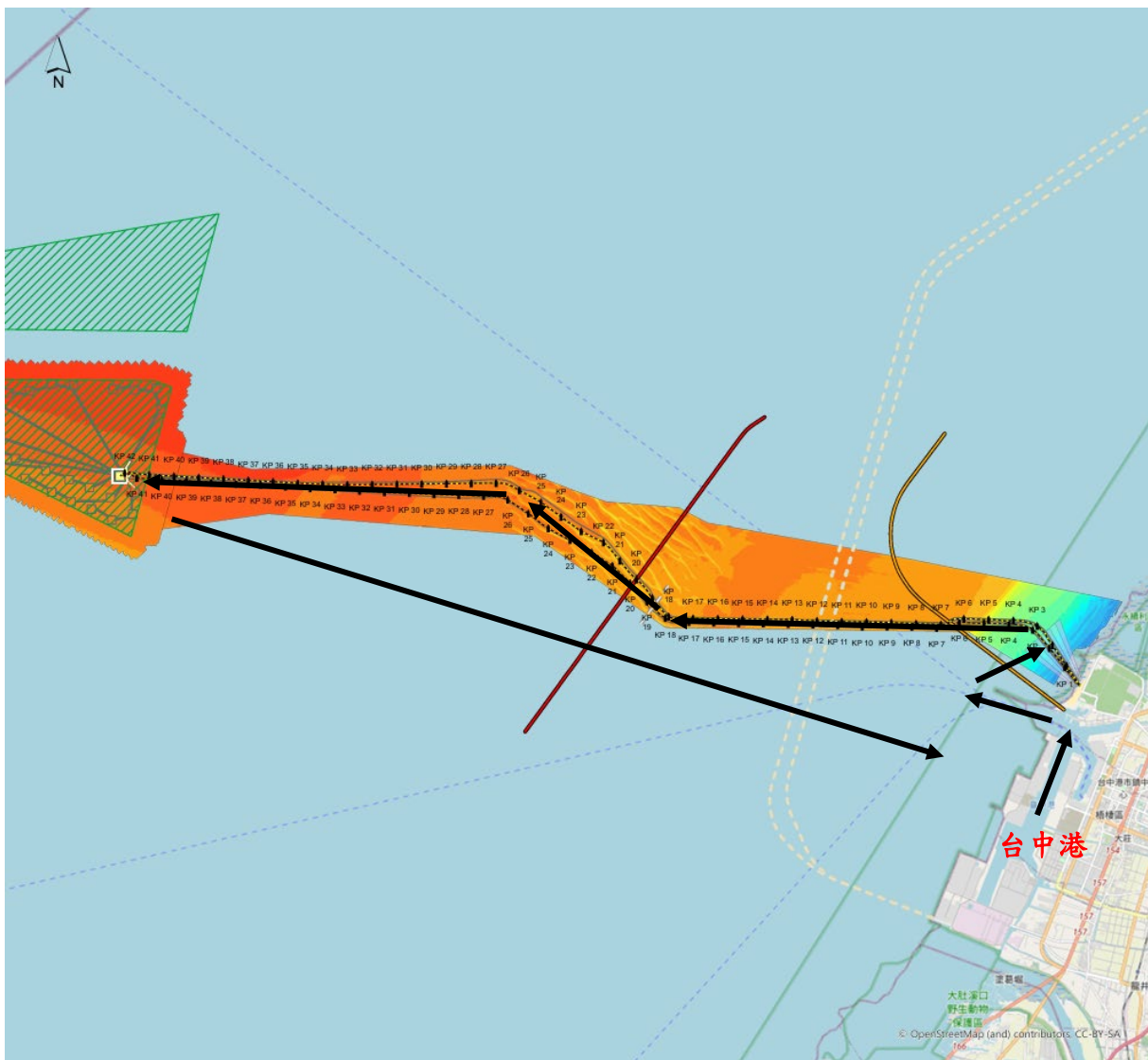


Figure 2-8 預計航線



3 工程負責人及緊急聯絡人員 Person in Charge and Emergency Contact

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