



Formosa 2 Offshore Wind Farm Project

Vessel Specification and Information

船舶與作業相關資訊

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1.0 目的 OBJECTIVES

- Wind Turbine Generator Major component exchange work
風力發電機主要零件更換作業

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2.0 航線規劃 MARINE ROUTE

針對作業現場與動員母港以及補給港的航線規劃如下圖表所示。最終實際航線路徑仍可因現場狀況以及船長經驗而有所變更。The sailing route of mobilization/base port or logistic port is as below. These are for the information only. The actual route might be changed by captain as the weather and situation dictates.

Table 1 航線路徑 Marine Route

Marine Route 航線路徑	Mobilization/Base Port <> Offshore Site 動員母港<>作業現場	Logistic Port <> Offshore Site 後勤補給港<>作業現場
		
	台中港 Taichung Port	台中港 Taichung Port

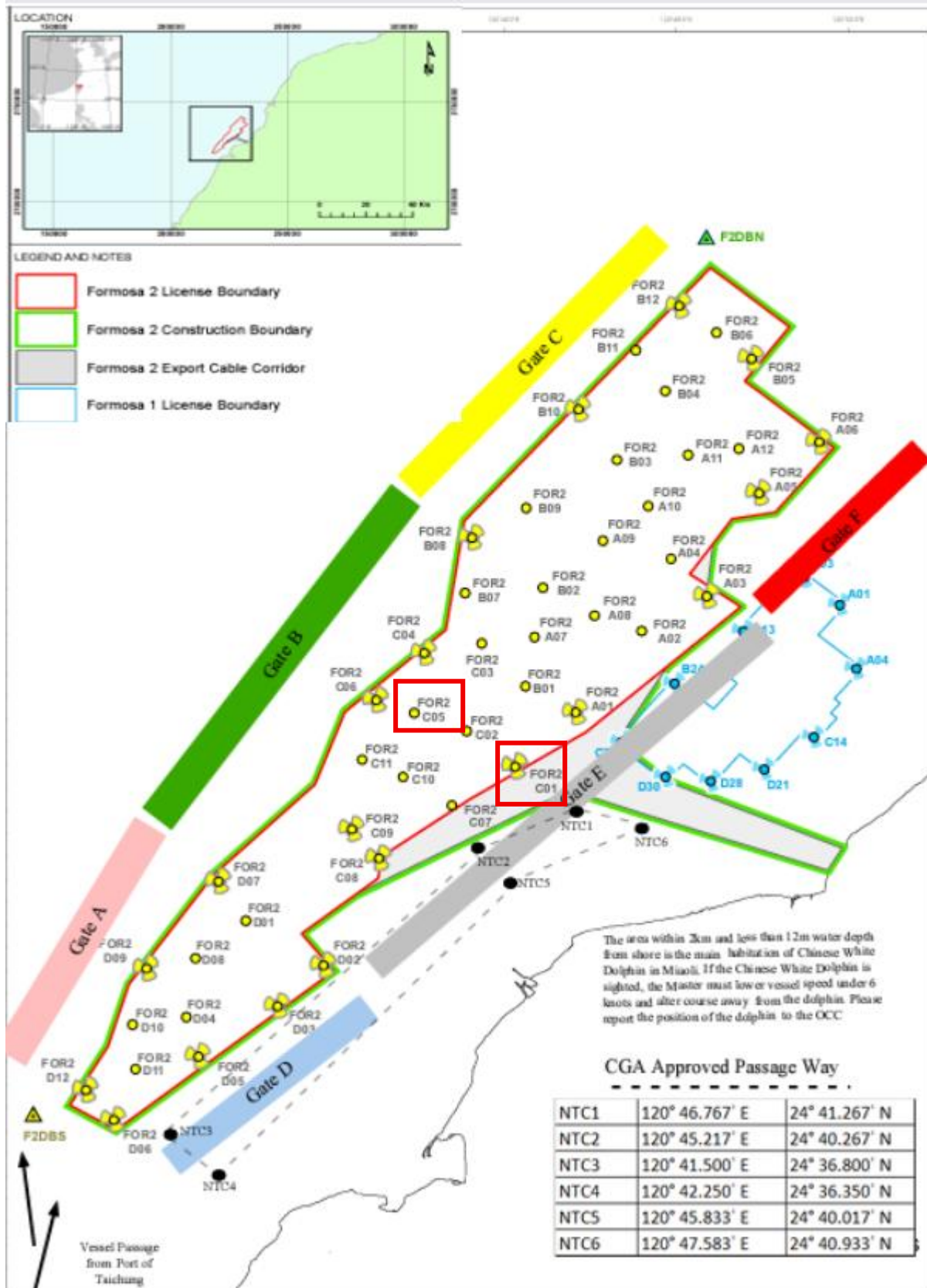
2.1 日夜間警示及航行警戒等措施 Day and night warnings and navigation alerts

作業過程中，駕駛台將進行 24 小時輪班，使用 AIS 和雷達上監視與注意接近的船隻。

The bridge will be manned 24 hours and they will monitor approaching vessels on AIS and radar.

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3.0 作業區域 LAYOUT OF SITE



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3.1 Coordinates of WTGs 風機座標

海能離岸風力發電廠風力發電機座標(WGS 1984)				
No	Longitude (E)	Latitude (N)	Y(D°M'S.sss")	X(D°M'S.sss")
C01	120.768803	24.693723	120° 46' 07.998"	24° 41' 37.677"
C05	120.749243	24.704282	120° 44' 57.574"	24° 42' 15.004"

3.2 風場邊界座標資訊 Coordinate of Site Boundary

The coordinate information is as below. 詳細座標如下表所示

編號 (No.)	TWD 97		WGS 84 (deg, deg)		WGS 84 (deg, min, sec)	
	E	N	E	N	E	N
C1	217872.89	2724643.02	120.682670	24.628277	120°40'57.61"	24°37'41.79"
B2	218777.04	2724108.93	120.691612	24.623474	120°41'29.8"	24°37'24.5"
B1	223051.42	2727512.60	120.733765	24.654285	120°44'1.55"	24°39'15.42"
C2	222420.02	2728313.81	120.727511	24.661508	120°43'39.03"	24°39'41.42"
A13	223918.65	2729494.82	120.742295	24.672197	120°44'32.26"	24°40'19.9"
A14	223968.13	2729800.37	120.742779	24.674957	120°44'34"	24°40'29.84"
A15	224159.06	2730083.03	120.744660	24.677512	120°44'40.77"	24°40'39.04"
A16	225741.48	2731201.52	120.760277	24.687636	120°45'36.99"	24°41'15.48"
A17	228006.96	2732629.73	120.782642	24.700565	120°46'57.51"	24°42'2.03"
C3	231031.62	2735304.39	120.812498	24.724754	120°48'44.99"	24°43'29.11"
C4	230033.37	2736007.16	120.802621	24.731086	120°48'9.43"	24°43'51.9"
A22	230863.75	2737186.68	120.810813	24.741747	120°48'38.92"	24°44'30.28"
A23	231711.18	2737333.89	120.819189	24.743086	120°49'9.08"	24°44'35.1"
A26	232857.59	2738717.59	120.830506	24.755592	120°49'49.82"	24°45'20.13"
A27	231116.90	2740145.99	120.813276	24.768468	120°48'47.79"	24°46'6.48"
A28	231996.72	2741308.46	120.821961	24.778974	120°49'19.05"	24°46'44.3"
5-12	230451.67	2742576.32	120.806664	24.790402	120°48'23.99"	24°47'25.44"
5-11	225622.66	2737153.28	120.758999	24.741371	120°45'32.39"	24°44'28.93"
5-10	225260.72	2734817.01	120.755462	24.720272	120°45'19.66"	24°43'12.97"
5-9	223280.88	2733067.65	120.735926	24.704444	120°44'9.33"	24°42'15.99"
5-8	222685.42	2731509.97	120.730071	24.690370	120°43'48.25"	24°41'25.33"
6-17	220684.84	2729561.41	120.710342	24.672740	120°42'37.23"	24°40'21.86"
6-16	219041.03	2727242.50	120.694151	24.651771	120°41'38.94"	24°39'6.37"
6-15	218617.86	2725904.15	120.689999	24.639679	120°41'23.99"	24°38'22.84"

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4.0 船舶作業時間表 VESSEL OPERATION MILESTONE SHEET

預定作業時程: 自 2026 年 7 月 15 日起至 2026 年 10 月 31 日止。

Expected Operation Period: from 7/15/2026 to 10/31/2026.

Table 2 Expected operation period 預計作業時程表

編號 (No.)	開始時間 From	結束時間 To	作業內容 Description
1	00:00	23:59	Major component exchange

備註 Comment:

上列作業時間及作業內容供參考(實際作業期間將隨作業進度及海象而調整)

The above is for information only. The actual schedule will be changed as the weather and situation dictates.

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5.0 船舶基本資料 VESSEL INFORMATION

5.1 Vessel 勘測船

Table 3 Vessel information 船隻資訊

船名 Vessel Name	WIND MAKER
船籍港 Home Port	Majuro
總噸數 Gross Tonnage	31428
船長 LOA	142.5 m
船寬 Width	56m
IMO	9939060
MMSI	538010479



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船名 Vessel Name	Phantom
船籍港 Home Port	Kaohsiung
總噸數 Gross Tonnage	161.88
船長 LOA	23.9m
船寬 Width	8.0m
IMO	9770490
MMSI	416005829



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6.0 緊急聯絡人與專案負責人 EMERGENCY CONTACT INFORMATION

6.1 專案公司 Project company: 海能風力發電股份有限公司 FORMOSA 2 WIND POWER CO., LTD.

專案公司 Project company	FORMOSA 2 WIND POWER CO., LTD.		
職位 Position	公司 Company	姓名 Name	電話 Mobile Phone
海事協調中心	海能風力發電股份有限公司	F2 OCC	+886 966138536 04 23889003 ext. 1
運營工程師	海能風力發電股份有限公司	謝秉穎(Bing Hsieh)	+886 986637620
運營經理	海能風力發電股份有限公司	顏鉦承(Jensen)	+886 909365833

6.2 海事工程公司 Contractor:

工 程 公 司 Contractor			
職位 Position	公司 Company	姓名 Name	電話 Mobile Phone
Operational Project Manager	SGRE	Danny Lo	+886 965 376 319
Vessel Project Manager	SGRE	Vicky Hsieh	+886 916 130 592
Vessel Site Manager	SGRE	Richie Cameron	+44 7921 246613
Vessel Site Manager	SGRE	Phillip Blake	+44 7808 007170

6.3 船舶營運商 Vessel Operator:

船舶聯絡人 Vessel Contact				
船名 Vessel	職位 Position	公司 Company	姓名 Name	電話 Mobile Phone
PHANTOM	Captain	IOG Wind	Ian Chen/ Mei	+886-908-733-507
WIND MAKER	Captain	Cadeler	Steven McDowall Donald MacNeil	+886 911695293 +47 22406134