

1. Coordinates of wind farm boundary and Export Cable (多音束測深調查 (Multibeam echosounder))

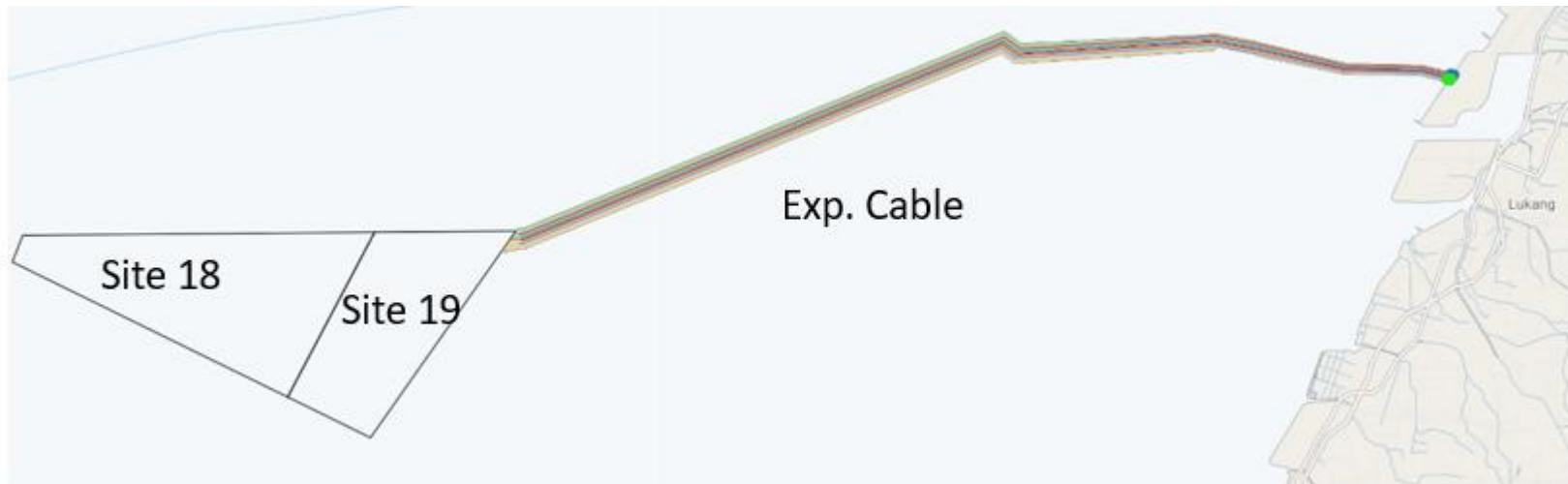


圖 1 海龍二號與海龍三號離岸風場位置示意圖

2. Working area, (施工地點座標)

(座標系統：WGS84)

SITE 18

風場範圍之角點座標 (經緯度)					
東經			北緯		
119°	51'	26.1 "	24°	2'	38.3 "
119°	48'	49.6 "	23°	58'	8.2 "
119°	40'	34.8 "	24°	1'	49.3 "
119°	40'	53.3 "	24°	2'	33.2 "

SITE 19

風場範圍之角點座標 (經緯度)					
東經			北緯		
119°	48'	49.6 "	23°	58'	8.2 "
119°	51'	26.1 "	24°	2'	38.3 "
119°	55'	40.0 "	24°	2'	40.1 "
119°	51'	18.7 "	23°	57'	1.5 "

圖 2 風場範圍之角點座標

海龍三號：海纜佈設預定範圍坐標， Hai Long 3: coordinates of predetermined location of submarine cable (expected)					
點位 ID Point ID	東經 (WGS84) X coordinate (WGS84)	北緯 (WGS84) Y coordinate (WGS84)	點位 ID Point ID	東經 (WGS84) X coordinate (WGS84)	北緯 (WGS84) Y coordinate (WGS84)
18-N			18-S		
X1	120°23'46.373"	24°6'56.242"	X2	120°23'44.683"	24°6'54.166"
A1	120°22'47.079"	24°7'8.999"	A2	120°22'47.095"	24°7'5.748"
B1	120°20'35.234"	24°7'11.124"	B2	120°20'33.190"	24°7'7.761"
C1	120°18'0.952"	24°7'44.854"	C2	120°17'58.778"	24°7'40.274"
D1	120°17'57.794"	24°7'45.413"	D2	120°17'55.736"	24°7'40.812"
E1	120°16'40.020"	24°7'59.183"	E2	120°16'39.683"	24°7'54.277"
F1	120°16'37.788"	24°7'59.578"	F2	120°16'37.452"	24°7'54.672"
G1	120°16'35.521"	24°7'59.443"	G2	120°16'35.185"	24°7'54.537"
H1	120°10'53.616"	24°7'38.990"	H2	120°10'50.641"	24°7'33.926"
I1	120°10'47.230"	24°7'38.606"	I2	120°10'44.255"	24°7'33.542"
J1	120°10'42.052"	24°7'42.058"	J2	120°10'39.077"	24°7'36.993"
K1	120°10'37.638"	24°7'45.000"	K2	120°10'34.012"	24°7'40.369"
L1	120°10'23.970"	24°7'54.109"	L2	120°10'22.223"	24°7'48.226"
M1	120°10'18.407"	24°7'57.817"	M2	120°10'16.660"	24°7'51.934"

N1	120°10'12.034"	24°7'55.448"	N2	120°10'10.287"	24°7'49.565"
O1	119°55'59.279"	24°2'37.655"	O2	119°56'0.344"	24°2'32.788"
P1	119°55'52.994"	24°2'35.307"	P2	119°55'54.059"	24°2'30.439"
Q1	119°55'46.209"	24°2'35.260"	Q2	119°55'47.274"	24°2'30.392"

HL3 (Site 18) Exp. Cable

海龍二號：海纜佈設預定範圍坐標, Hai Long 2: coordinates of predetermined location of submarine cable (expected)					
點位 ID Point ID	東經 (WGS84) X coordinate (WGS84)	北緯 (WGS84) Y coordinate (WGS84)	點位 ID Point ID	東經 (WGS84) X coordinate (WGS84)	北緯 (WGS84) Y coordinate (WGS84)
19-N			19-S		
X1	120°23'41.449"	24°6'49.911"	X2	120°23'39.466"	24°6'47.189"
A1	120°22'47.111"	24°7'2.498"	A2	120°22'47.126"	24°6'59.247"
B1	120°20'30.722"	24°7'4.654"	B2	120°20'28.312"	24°7'1.428"
C1	120°17'56.450"	24°7'35.720"	C2	120°17'54.199"	24°7'31.153"
D1	120°17'53.529"	24°7'36.238"	D2	120°17'51.396"	24°7'31.650"
E1	120°16'39.346"	24°7'49.372"	E2	120°16'39.010"	24°7'44.466"
F1	120°16'37.115"	24°7'49.766"	F2	120°16'36.779"	24°7'44.860"
G1	120°16'34.848"	24°7'49.631"	G2	120°16'34.511"	24°7'44.726"
H1	120°10'47.683"	24°7'28.862"	H2	120°10'44.712"	24°7'23.797"
I1	120°10'41.304"	24°7'28.478"	I2	120°10'38.334"	24°7'23.413"
J1	120°10'36.128"	24°7'31.923"	J2	120°10'33.159"	24°7'26.857"
K1	120°10'30.390"	24°7'35.743"	K2	120°10'26.764"	24°7'31.113"
L1	120°10'20.465"	24°7'42.350"	L2	120°10'18.726"	24°7'36.461"
M1	120°10'14.903"	24°7'46.052"	M2	120°10'13.164"	24°7'40.162"
N1	120°10'8.534"	24°7'43.685"	N2	120°10'6.797"	24°7'37.795"
O1	119°56'1.403"	24°2'27.920"	O2	119°55'59.328"	24°2'22.055"
P1	119°55'55.118"	24°2'25.571"	P2	119°55'53.043"	24°2'19.706"
Q1	119°55'48.331"	24°2'25.524"	Q2	119°55'46.257"	24°2'19.659"

HL2 (Site 19) Exp. Cable

- Vessel specification including vessel name, IMO, Call sign, vessel flag, Port of registry, vessel length, GT, NT (船舶規格, 包含船名, IMO, 呼號, 船舶國籍, 船籍港, 總長, 總噸位, 淨噸位)

3.1 HIGH ENERGY NO.101 (高能 101)

船舶名稱 Vessel name	HIGH ENERGY NO.101 (高能 101)	總長 Total length	26.00 M (LOA)
IMO	8739279	船舶認證	CR Class
船舶國籍 Flag	ROC	主要設備	Diesel Engine (S12A2MPTK)
總噸位	198.88 GT	淨噸位	59.66 NT
船籍港 Registry port	Kaohsiung		

3.2 Ocean Surveyor No.7 (海洋探勘者七號)

船舶名稱 Vessel name	海洋探勘者七號	總長 Total length	8.5 M (LOA)
小船編號	927935	船舶認證	
船舶國籍 Flag	ROC	主要設備	Murcury 200P
總噸位	5.05 T	淨噸位	1.52 T
船籍港 Registry port	Kaohsiung		

4. Picture of Vessels (船舶照片)



Figure 1 - 高能 101



Figure 2 - 海洋探勘者 7 號

5. Emergency contact window, Reps from HL side will be Gabriel and Brendan
(緊急應變聯絡人)

IOVTEC 緊急連絡窗口:

Position	Name	Contact
IOVTEC Project Coordinator	Oliver Chang	Oliver.chang@iovtec.com.tw 0953310315
IOVTEC HSE Supervisor	Jack Chang	Jack.chang@iovtec.com.tw 0932081970
IOVTEC Party Chief	Kai Cheng	Kai.cheng@iovtec.com.tw 0953693125
Logistics Manager (LM)	Sean Lin	sean.lin@iovtec.com.tw 0988458028
Supervisor of Vessel Management	吳宜璟	0936776826
DPA Vessel Management	黃仁宏	0980881293
Vessel Captain	張翼鵬	0933998685

海龍(Hai Long)聯絡窗口:

Position	Name	Contact
Senior Permitting Manager	Chin-Yu Wu 吳晉宇	chinyu.wu@hailongoffshorewind.com Mob: +886 900 841 600
Site Investigation Engineer	Gabriel Felipe Nino 凡凱培	Gabriel.Felipe@hailongoffshorewind.com Mob: +886 900 841 224
Senior Project Engineer	Brendan Song 宋法傑	brendan.song@hailongoffshorewind.com Mob: +886 900 841 630