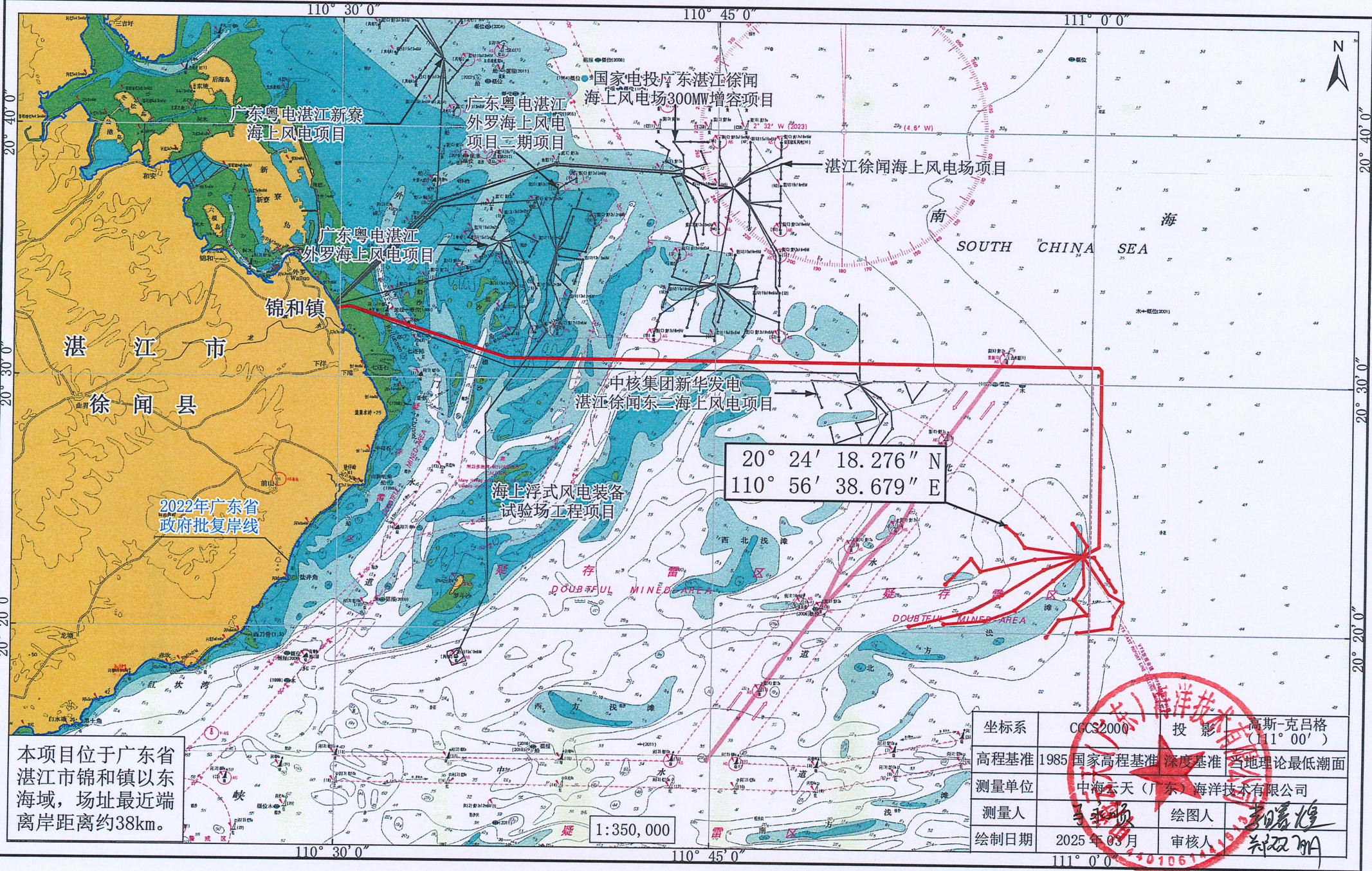


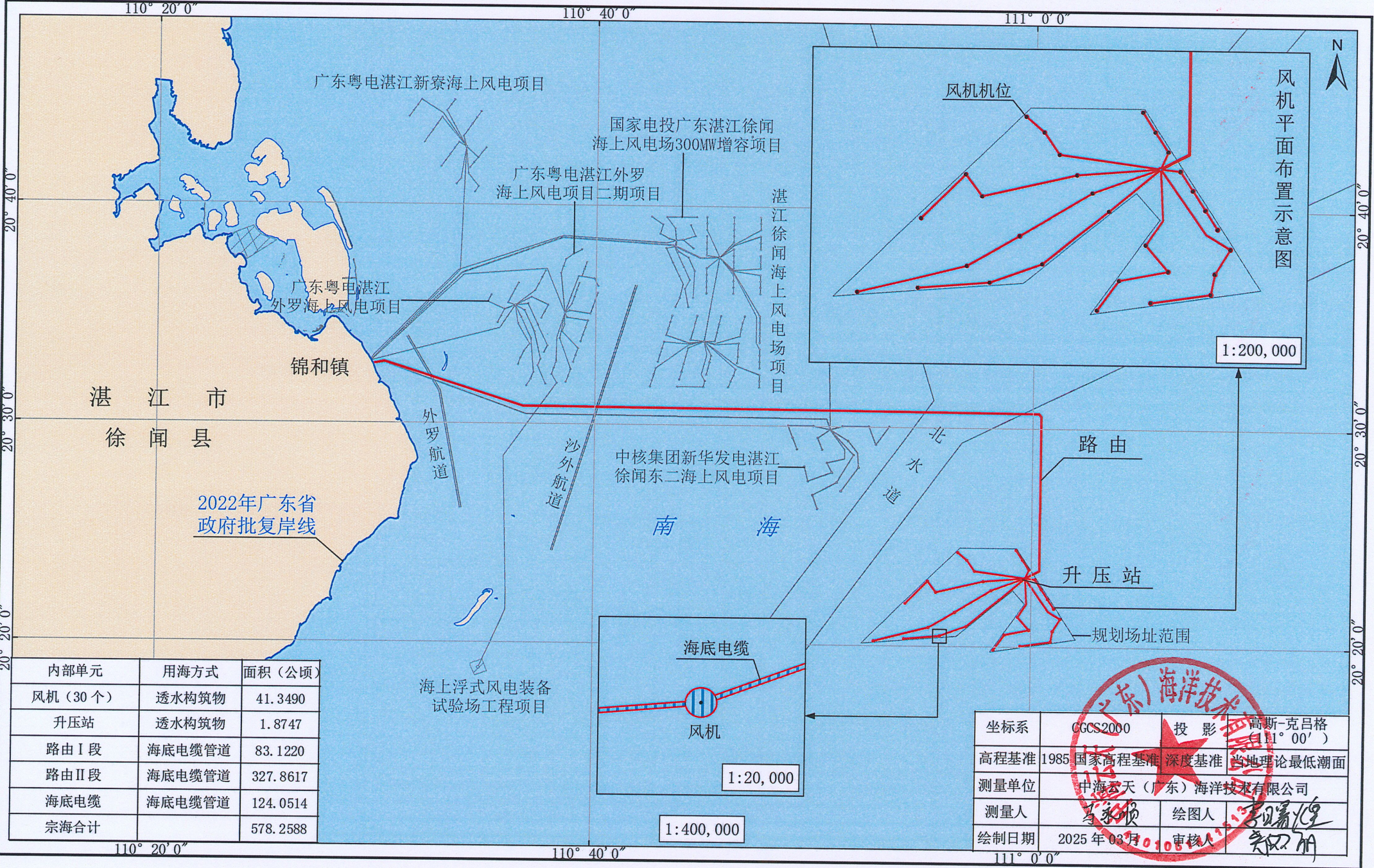
明阳巴斯夫湛江徐闻东三海上风电示范项目（用海调整）宗海位置图



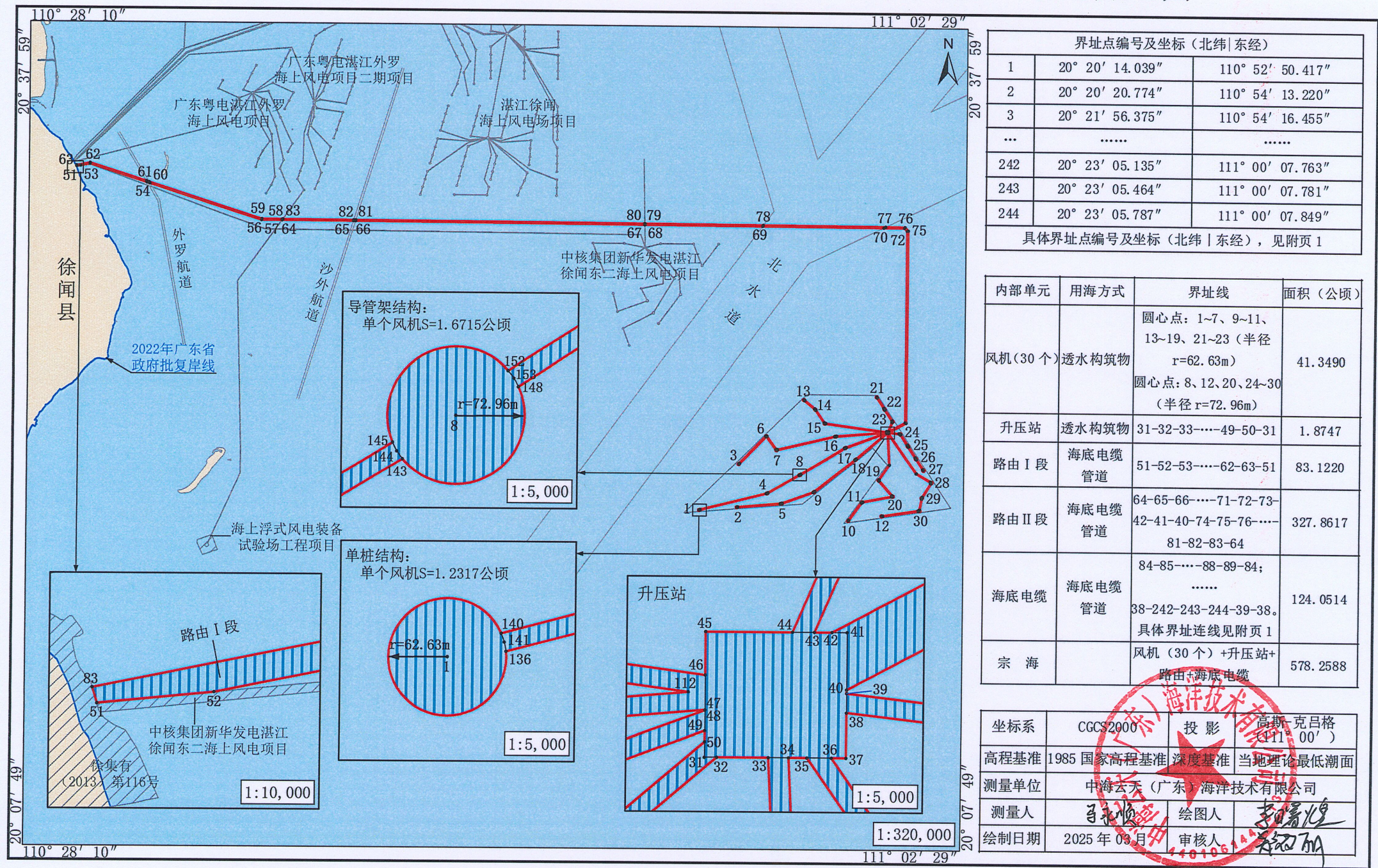
本项目位于广东省湛江市锦和镇以东海域，场址最近端离岸距离约38km。

坐标系	CGCS2000	投影	高斯-克吕格 (11° 00')
高程基准	1985 国家高程基准	深度基准	当地理论最低潮面
测量单位	中海云天 (广东) 海洋技术有限公司		
测量人	马永强	绘图人	郭耀煌
绘制日期	2025 年 03 月	审核人	郭双明

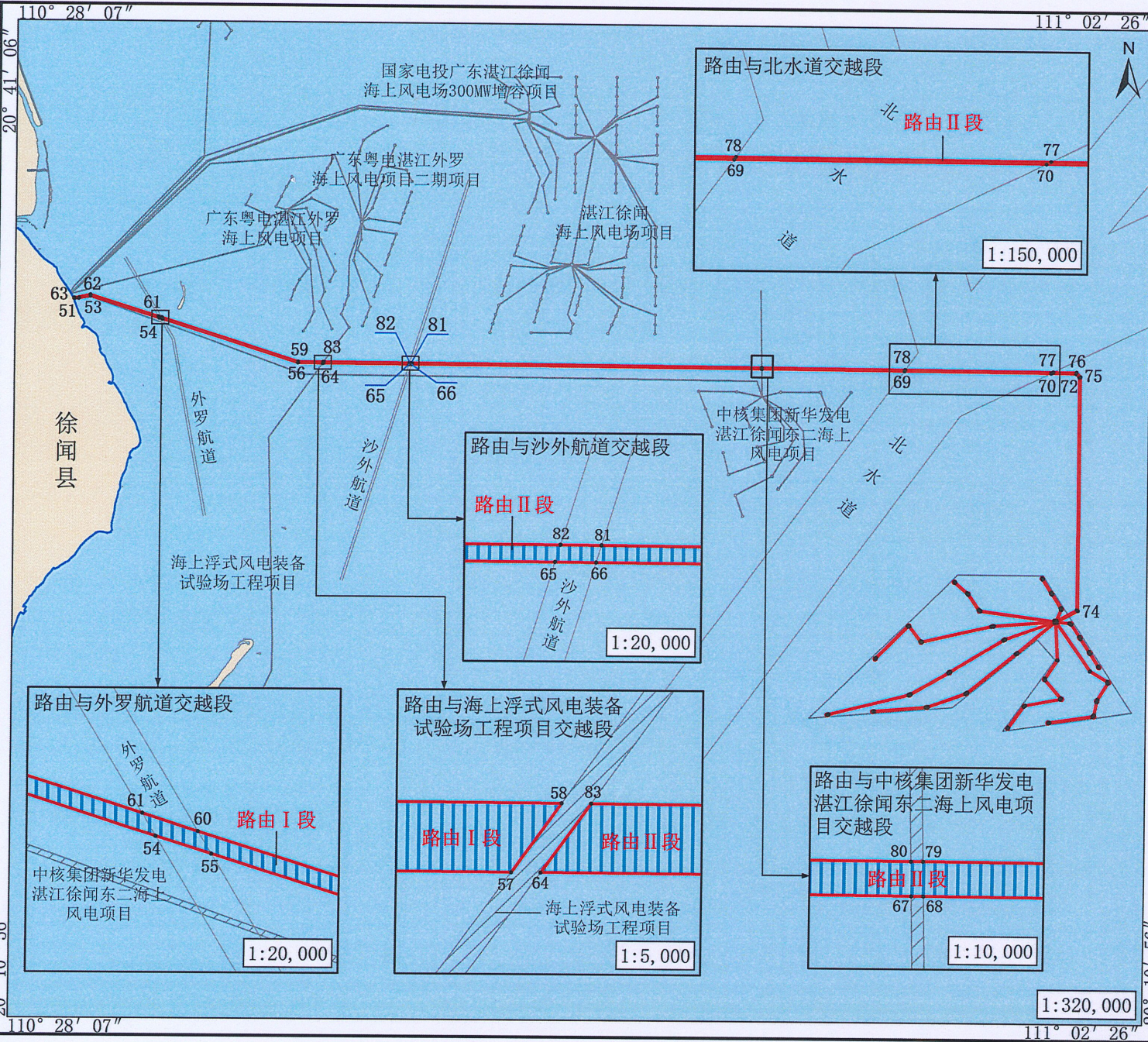
明阳巴斯夫湛江徐闻东三海上风电示范项目（用海调整）宗海平面布置图



明阳巴斯夫湛江徐闻东三海上风电示范项目（用海调整）宗海界址图



明阳巴斯夫湛江徐闻东三海上风电示范项目（用海调整）宗海界址图路由（全线立体交越段）



界址点编号及坐标（北纬|东经）
具体界址点编号及坐标（北纬|东经），见附页1

内部单元	用海方式	界址线	面积（公顷）
风机（30个）	透水构筑物	圆心点：1~7、9~11、13~19、21~23（半径r=62.63m） 圆心点：8、12、20、24~30（半径r=72.96m）	41.3490
升压站	透水构筑物	31~32~33---49~50~31	1.8747
路由 I 段	海底电缆管道	具体界址连线见附页1	83.1220
路由 II 段	海底电缆管道	具体界址连线见附页1	327.8617
海底电缆	海底电缆管道	具体界址连线见附页1	124.0514
宗海		风机（30个）+升压站+路由+海底电缆	578.2588

单元	交越类型	用海空间层	深度范围
路由	与航道交越段	底土	海床至底土深度 4.5m-5.5m
	与海上浮式风电装备试验场工程项目交越段	海床面及以上	海床面及以上1.5m
	与中核集团新华发电湛江徐闻东二海上风电项目交越段	底土	海床至底土深度 2.5m-3.5m
	其它常规段	底土	海床至底土深度 2.5m-3.5m

坐标系	CGCS2000	投影	高斯-克吕格（111°00'）
高程基准	1985国家高程基准	深度基准	当地理论最低潮面
测量单位	中海云天（广东）海洋技术有限公司		
测量人	马永顺	绘图人	李瑞辉
绘制日期	2025年03月	审核人	刘江

附页 1 明阳巴斯夫湛江徐闻东三海上风电示范项目（用海调整）

宗海界址点及界址点连线

界址点编号及坐标（北纬 东经）					
1	20°20'14.039"	110°52'50.417"	38	20°23'07.685"	110°59'45.655"
2	20°20'20.774"	110°54'13.220"	39	20°23'08.348"	110°59'45.655"
3	20°21'56.375"	110°54'16.455"	40	20°23'08.472"	110°59'45.655"
4	20°20'51.838"	110°55'19.670"	41	20°23'10.458"	110°59'45.655"
5	20°20'29.256"	110°55'50.977"	42	20°23'10.458"	110°59'45.134"
6	20°22'58.056"	110°55'16.805"	43	20°23'10.458"	110°59'44.527"
7	20°22'27.867"	110°55'39.443"	44	20°23'10.458"	110°59'43.774"
8	20°21'33.100"	110°56'31.443"	45	20°23'10.458"	110°59'40.793"
9	20°20'55.406"	110°57'02.680"	46	20°23'08.953"	110°59'40.793"
10	20°19'52.553"	110°58'18.133"	47	20°23'07.755"	110°59'40.793"
11	20°20'33.841"	110°58'47.891"	48	20°23'07.746"	110°59'40.793"
12	20°20'03.439"	110°59'31.587"	49	20°23'07.039"	110°59'40.793"
13	20°24'18.276"	110°56'38.679"	50	20°23'06.664"	110°59'40.793"
14	20°23'57.375"	110°57'03.588"	51	20°32'42.233"	110°29'53.579"
15	20°23'26.749"	110°57'24.635"	52	20°32'43.030"	110°30'01.663"
16	20°22'58.484"	110°57'48.975"	53	20°32'47.283"	110°30'22.451"
17	20°22'33.755"	110°58'10.307"	54	20°32'07.437"	110°32'28.721"
18	20°22'08.413"	110°58'33.117"	55	20°32'05.425"	110°32'35.098"
19	20°21'22.614"	110°59'23.969"	56	20°30'47.350"	110°36'42.512"
20	20°20'47.106"	110°59'54.897"	57	20°30'47.120"	110°37'27.245"
21	20°24'26.079"	110°59'18.128"	58	20°30'49.081"	110°37'28.656"
22	20°23'59.350"	110°59'35.375"	59	20°30'49.316"	110°36'42.858"
23	20°23'32.003"	110°59'53.378"	60	20°32'07.988"	110°32'33.551"
24	20°23'05.176"	111°00'10.277"	61	20°32'10.000"	110°32'27.174"
25	20°22'38.804"	111°00'27.587"	62	20°32'49.321"	110°30'22.569"
26	20°22'11.520"	111°00'45.207"	63	20°32'43.322"	110°29'53.260"
27	20°21'45.245"	111°01'02.135"	64	20°30'47.116"	110°37'28.083"
28	20°21'18.188"	111°01'19.854"	65	20°30'46.314"	110°40'04.401"
29	20°20'44.381"	111°00'59.161"	66	20°30'46.290"	110°40'09.066"
30	20°20'15.900"	111°00'53.859"	67	20°30'43.028"	110°50'44.452"
31	20°23'06.134"	110°59'40.793"	68	20°30'43.025"	110°50'45.145"
32	20°23'06.134"	110°59'41.212"	69	20°30'41.696"	110°55'04.003"
33	20°23'06.134"	110°59'42.986"	70	20°30'40.331"	110°59'30.061"
34	20°23'06.134"	110°59'43.684"	71	20°30'40.098"	111°00'15.410"
35	20°23'06.134"	110°59'44.318"	72	20°30'33.503"	111°00'21.411"
36	20°23'06.134"	110°59'45.154"	73	20°23'29.781"	111°00'21.012"
37	20°23'06.134"	110°59'45.655"	74	20°23'28.639"	111°00'23.098"

75	20°30'34.231"	111°00'23.501"	118	20°21'57.628"	110°54'18.156"
76	20°30'42.060"	111°00'16.376"	119	20°22'56.357"	110°55'15.617"
77	20°30'42.277"	110°59'34.056"	120	20°22'56.561"	110°55'15.342"
78	20°30'43.656"	110°55'05.437"	121	20°22'56.803"	110°55'15.104"
79	20°30'44.993"	110°50'45.101"	122	20°21'58.073"	110°54'17.643"
80	20°30'44.996"	110°50'44.408"	123	20°21'57.869"	110°54'17.917"
81	20°30'48.255"	110°40'09.670"	124	20°22'56.225"	110°55'17.750"
82	20°30'48.279"	110°40'05.005"	125	20°22'29.318"	110°55'37.928"
83	20°30'49.077"	110°37'29.494"	126	20°22'29.528"	110°55'38.198"
84	20°24'24.194"	110°59'18.936"	127	20°22'29.698"	110°55'38.498"
85	20°24'00.894"	110°59'33.971"	128	20°22'56.606"	110°55'18.320"
86	20°24'01.089"	110°59'34.253"	129	20°22'56.396"	110°55'18.050"
87	20°24'01.235"	110°59'34.567"	130	20°22'28.036"	110°55'41.593"
88	20°24'24.535"	110°59'19.532"	131	20°22'57.677"	110°57'46.995"
89	20°24'24.340"	110°59'19.250"	132	20°22'57.990"	110°57'46.882"
90	20°23'57.472"	110°59'36.201"	133	20°22'58.315"	110°57'46.825"
91	20°23'33.535"	110°59'51.959"	134	20°22'28.674"	110°55'41.422"
92	20°23'33.733"	110°59'52.239"	135	20°22'28.362"	110°55'41.536"
93	20°23'33.881"	110°59'52.552"	136	20°20'14.242"	110°52'52.564"
94	20°23'57.818"	110°59'36.794"	137	20°20'51.000"	110°55'17.704"
95	20°23'57.620"	110°59'36.514"	138	20°20'51.311"	110°55'17.587"
96	20°23'30.264"	110°59'52.257"	139	20°20'51.635"	110°55'17.523"
97	20°23'30.017"	110°59'52.903"	140	20°20'14.877"	110°52'52.382"
98	20°23'30.117"	110°59'52.570"	141	20°20'14.567"	110°52'52.499"
99	20°24'16.695"	110°56'40.039"	142	20°20'52.602"	110°55'21.668"
100	20°23'58.465"	110°57'01.764"	143	20°21'31.598"	110°56'29.500"
101	20°23'58.727"	110°57'01.977"	144	20°21'31.866"	110°56'29.297"
102	20°23'58.956"	110°57'02.228"	145	20°21'32.159"	110°56'29.135"
103	20°24'17.186"	110°56'40.503"	146	20°20'53.164"	110°55'21.305"
104	20°24'16.924"	110°56'40.290"	147	20°20'52.898"	110°55'21.512"
105	20°23'55.511"	110°57'04.453"	148	20°21'34.105"	110°56'33.720"
106	20°23'28.254"	110°57'23.185"	149	20°22'32.385"	110°58'08.713"
107	20°23'28.457"	110°57'23.461"	150	20°22'32.645"	110°58'08.498"
108	20°23'28.612"	110°57'23.770"	151	20°22'32.936"	110°58'08.333"
109	20°23'55.869"	110°57'05.038"	152	20°21'34.656"	110°56'33.339"
110	20°23'55.667"	110°57'04.762"	153	20°21'34.392"	110°56'33.549"
111	20°23'26.143"	110°57'26.694"	154	20°22'34.186"	110°58'12.417"
112	20°23'08.366"	110°59'40.213"	155	20°22'34.797"	110°58'12.160"
113	20°22'58.994"	110°57'51.063"	156	20°22'34.501"	110°58'12.313"
114	20°22'58.669"	110°57'51.124"	157	20°20'20.630"	110°54'15.371"
115	20°22'58.338"	110°57'51.126"	158	20°20'28.745"	110°55'48.890"
116	20°23'26.794"	110°57'26.792"	159	20°20'29.070"	110°55'48.829"
117	20°23'26.465"	110°57'26.771"	160	20°20'29.400"	110°55'48.826"

161	20°20'21.285"	110°54'15.307"	203	20°20'15.525"	111°00'51.379"
162	20°20'20.961"	110°54'15.368"	204	20°20'15.853"	111°00'51.346"
163	20°20'29.673"	110°55'53.089"	205	20°20'04.136"	110°59'33.989"
164	20°20'54.375"	110°57'00.821"	206	20°20'03.815"	110°59'34.067"
165	20°20'54.673"	110°57'00.669"	207	20°20'18.268"	111°00'53.946"
166	20°20'54.989"	110°57'00.568"	208	20°20'18.234"	111°00'54.293"
167	20°20'30.287"	110°55'52.836"	209	20°20'18.157"	111°00'54.633"
168	20°20'29.990"	110°55'52.988"	210	20°20'42.013"	111°00'59.074"
169	20°20'56.462"	110°57'04.524"	211	20°20'42.047"	111°00'58.727"
170	20°22'06.858"	110°58'31.727"	212	20°20'42.124"	111°00'58.387"
171	20°22'07.091"	110°58'31.478"	213	20°20'46.578"	111°01'00.103"
172	20°22'07.357"	110°58'31.272"	214	20°20'46.436"	111°01'00.419"
173	20°20'56.961"	110°57'04.070"	215	20°20'46.249"	111°01'00.707"
174	20°20'56.729"	110°57'04.318"	216	20°21'15.991"	111°01'18.912"
175	20°22'09.518"	110°58'34.930"	217	20°21'16.133"	111°01'18.596"
176	20°22'10.006"	110°58'34.462"	218	20°21'16.320"	111°01'18.308"
177	20°22'09.778"	110°58'34.715"	219	20°21'19.149"	111°01'17.555"
178	20°19'54.028"	110°58'19.618"	220	20°21'19.440"	111°01'17.721"
179	20°20'31.995"	110°58'46.982"	221	20°21'19.707"	111°01'17.926"
180	20°20'32.159"	110°58'46.679"	222	20°21'38.009"	111°00'46.726"
181	20°20'32.366"	110°58'46.406"	223	20°21'37.527"	111°00'46.228"
182	20°19'54.399"	110°58'19.042"	224	20°21'47.079"	111°01'00.545"
183	20°19'54.235"	110°58'19.345"	225	20°21'47.271"	111°01'00.830"
184	20°20'33.931"	110°58'50.045"	226	20°21'47.423"	111°01'01.140"
185	20°20'46.302"	110°59'52.533"	227	20°22'09.686"	111°00'46.797"
186	20°20'46.619"	110°59'52.435"	228	20°22'09.494"	111°00'46.512"
187	20°20'46.946"	110°59'52.390"	229	20°22'09.342"	111°00'46.202"
188	20°20'34.575"	110°58'49.902"	230	20°22'13.353"	111°00'43.615"
189	20°20'34.259"	110°58'50.002"	231	20°22'13.544"	111°00'43.900"
190	20°20'48.712"	110°59'53.047"	232	20°22'13.697"	111°00'44.210"
191	20°20'48.937"	110°59'53.302"	233	20°22'36.971"	111°00'29.179"
192	20°20'49.128"	110°59'53.587"	234	20°22'36.780"	111°00'28.894"
193	20°21'21.272"	110°59'25.589"	235	20°22'36.627"	111°00'28.584"
194	20°21'21.041"	110°59'25.339"	236	20°22'40.626"	111°00'25.981"
195	20°21'20.854"	110°59'25.050"	237	20°22'40.819"	111°00'26.264"
196	20°21'24.133"	110°59'25.402"	238	20°22'40.975"	111°00'26.572"
197	20°21'56.763"	110°59'47.327"	239	20°23'03.354"	111°00'11.883"
198	20°21'56.938"	110°59'46.620"	240	20°23'03.161"	111°00'11.600"
199	20°21'24.485"	110°59'24.813"	241	20°23'03.005"	111°00'11.292"
200	20°21'24.334"	110°59'25.125"	242	20°23'05.135"	111°00'07.763"
201	20°20'03.486"	110°59'34.100"	243	20°23'05.464"	111°00'07.781"
202	20°20'15.203"	111°00'51.457"	244	20°23'05.787"	111°00'07.849"

内部单元	用海方式	界址线	用海面积 (公顷)
路由Ⅰ段	海底电缆管道	51-52-53-54-55-56-57-58-59-60-61-62-63-51	83.1220
路由Ⅱ段	海底电缆管道	64-65-66-67-68-69-70-71-72-73-42-41 -40-74-75-76-77-78-79-80-81-82-83-64	327.8617
海底 电缆	海底电缆管道	84-85-86-87-88-89-84	1.6944
		90-91-92-93-94-95-90	1.7504
		96-44-43-97-98-96	1.3195
		99-100-101-102-103-104-99	1.7039
		105-106-107-108-109-110-105	2.0183
		111-112-113-114-115-47-46-116-117-111	14.3979
		118-119-120-121-122-123-118	4.9689
		124-125-126-127-128-129-124	2.0482
		130-131-132-133-134-135-130	7.5822
		136-137-138-139-140-141-136	8.8161
		142-143-144-145-146-147-142	4.6589
		148-149-150-151-152-153-148	6.6466
		154-49-48-155-156-154	5.5799
		157-158-159-160-161-162-157	5.5085
		163-164-165-166-167-168-163	4.2589
		169-170-171-172-173-174-169	6.7326
		175-32-31-50-176-177-175	5.2375
		178-179-180-181-182-183-178	2.8539
		184-185-186-187-188-189-184	3.7445
		190-191-192-193-194-195-190	2.5858
		196-197-34-33-198-199-200-196	6.7111
		201-202-203-204-205-206-201	4.5957
		207-208-209-210-211-212-207	1.5050
		213-214-215-216-217-218-213	2.1345
		219-220-221-222-36-35-223-219	8.7425
		224-225-226-227-228-229-224	1.6187
		230-231-232-233-234-235-230	1.6934
		236-237-238-239-240-241-236	1.6355
		38-242-243-244-39-38	1.3081
		海底电缆用海总面积：124.0514 公顷	

测绘单位	中海云天(广东)海洋技术有限公司		
测量人	马咏顺	绘图人	李曙煌
绘制日期	2025 年 3 月	审核人	郑双明

明阳巴斯夫湛江徐闻东三海上风电示范项目（用海调整）宗海立体空间范围示意图

