

Major Wildlife Habitat of Indo-Pacific Humpback Dolphin

1. Legal Basis:

Paragraph 4, Article 8 of Wildlife Conservation Act

2. Category:

The combination of marine and estuarine ecosystems

3. Range:

The population distribution of the Indo-Pacific Humpback Dolphin over different parts of Taiwan's coast is contained within the Major Wildlife Habitat (MWH). The MWH is located on the West Coast of Miaoli, Taichung, Changhua, and Yunlin City/County defined by the western reference points (West 1 to West 8) (see Supplementary table 1). The Eastern boundary of the MWH is 50 meters offshore from the coast and major estuarine systems (see the supplementary map). The most Northern border of the MWH is delineated by the beach of forest park adjacent to the Longfeng Port. The southern border is located on the southern west of Waisanding Sandbar. The detailed (large scale) maps of the MWH are held by government Miaoli, Taichung, Changhua, and Yunlin City/County and available for public inspection.

4. Area:

76,300 hectares (763 square kilometers)

5. Competent authorities:

Central competent authority: Ocean Affairs Council

Municipality, county (city) competent authorities: Miaoli County Government, Taichung City Government, Changhua County Government, Yunlin County Government.

6. Existing use:

Legal fishing activities as outlined in the original application may continue.

Supplementary table 1:

The reference points of the western boundary of the Major Wildlife Habitat (Geographic Coordinate System: WGS84).

	Western reference points							
	Longitude				Latitude			
Number	Degree	Minute	Second	Decimal	Degree	Minute	Second	Decimal
West 1	120	50	58.02	120.84945	24	42	36.00	24.71000
West 2	120	46	0	120.76667	24	40	0.00	24.66667
West 3	120	41	59.77	120.69994	24	37	0.00	24.61667
West 4	120	28	10.33	120.46954	24	17	12.00	24.28667
West 5	120	18	44.38	120.31233	24	3	30.00	24.05833
West 6	120	7	0.00	120.11667	23	46	52.02	23.78112
West 7	120	4	59.86	120.08329	23	33	0.00	23.55000
West 8	119	59	30.00	119.99167	23	26	6.00	23.43500

Supplementary table 2:

The reference points of the eastern boundary of the Major Wildlife Habitat (Geographic Coordinate System: WGS84).

	Eastern reference points							
	Longitude				Latitude			
Number	Degree	Minute	Second	Decimal	Degree	Minute	Second	Decimal
East 1	120	51	43.2	120.86200	24	42	36.00	24.71000
East 2	120	49	54.66	120.83185	24	40	1.20	24.66667
East 3	120	45	52.32	120.76453	24	37	0.00	24.61667
East 4	120	30	9.00	120.50250	24	17	12.00	24.28667
East 5	120	22	0.00	120.36667	24	3	29.76	24.05833
East 6	120	9	1.98	120.15055	23	46	52.02	23.78112
East 7	120	8	22.32	120.13953	23	33	0.00	23.55000
East 8	120	1	31.98	120.02555	23	26	6.00	23.43500

Note: Description of the positions near the eastern reference points.

- East 1 Approximately 260 meters north of the beach of forest park adjacent to the Longfeng Port
- East 2 Xuanbao Bridge, Miaoli County (the bike lane on Provincial Highway No. 61, 95.2 km southbound)
- East 3 Houlong Guanhai Bridge (the bike lane on Provincial Highway No. 61)
- East 4 The South Breakwater on the Taichung Port
- East 5 The southern boundary of Changbin Industrial Park
- East 6 The West Breakwater of the Mailiao Harbor
- East 7 The breakwater near Chenglung Inspection Office, Taizi Village
- East 8 2 km to the southwest of the lighthouse located at the southwest of Waisanding Sandbar

Schematic diagram of the Major Wildlife Habitat of Indo-Pacific Humpback Dolphin

