

**LOCAL VESSELS ADVISORY COMMITTEE
PILOTAGE ADVISORY COMMITTEE**

**Establishment of Boundary Buoys for Wong Chuk Kok Hoi Fish Culture
Zone and Mirs Bay Fish Culture Zones**

Purpose

Members are invited to note the Annex containing a paper issued by the Agriculture, Fisheries and Conservation Department concerning the captioned matter.

**Marine Department
August 2025**

Annex

Establishment of Boundary Buoys for Wong Chuk Kok Hoi Fish Culture Zone and Mirs Bay Fish Culture Zones

Purpose

Members are invited to note the details of the installation of boundary buoys for the Wong Chuk Kok Hoi (WCKH) Fish Culture Zone and Mirs Bay Fish Culture Zones (FCZs) (including two sub-zones, i.e., Mirs Bay (North) [MB(N)] and Mirs Bay (South) [MB(S)] as set out in this information paper.

Background

2. The Chief Executive announced in the 2022 Policy Address that the Environment and Ecology Bureau will work hand in hand with the agriculture and fisheries industry to formulate a blueprint for the sustainable development of agriculture and fisheries to promote the upgrading and transformation, modernisation and sustainable development of the industry. To assist fishermen in switching to modernised and sustainable modes of operation while protecting marine resources, the Agriculture, Fisheries and Conservation Department (AFCD) needs to designate new FCZs at two sites in 2023. Having considered the operational mode of local aquaculture industry and the recommendations of the South China Sea Fisheries Research Institute (SCSFRI) of the Chinese Academy of Fishery Science, AFCD planned to progressively launch the two new FCZs for operation in stages, with the WCKH FCZ and the MB FCZ coming into operation first (designated in December 2023).

3. Several new steel truss cages or other types of deep-sea cages that are equipped with modernised mariculture facilities will be provided in phases and rented to fish farms for practicing deep sea mariculture to reduce their start-up cost. The implementation of relevant measures is expected to double local mariculture production within five years.

4. Establishing boundary buoys in designated FCZs is important to delineate the boundaries of FCZs in order to fulfill mandatory requirements of Marine Fish Culture Regulations (Cap. 353A) and provide clear indications to marine users that the delineated waters are designated as FCZs.

The WCKH, MB(N) and MB(S) FCZs

5. The Director of Agriculture, Fisheries and Conservation has designated WCKH, MB(N) and MB(S) FCZs in accordance with the Marine Fish Culture Ordinance (Cap. 353) for the purpose of fish culture, and delineated the water areas of abovementioned FCZs in the Schedule of the Fish Culture Zone (Designation) Order (Cap. 353B) and other relevant legislations, including the Shipping and Port Control (Specification of Areas) Notice (Cap. 313O) and the Statement of Water Quality Objectives (Mirs Bay Water Control Zone) (Cap. 358U). The statutory designation process has been completed in 2023.

6. The WCKH, MB(N) and MB(S) FCZs cover a sea area of about 435 hectares and are located in eastern waters of Double Island and Grass Island. The boundaries of FCZs are shown on the maps at Appendix A and B. According to the Cap. 353, vessels not related to mariculture operations are not allowed to enter or remain in the FCZs. However, given that there is no engagement of busy marine traffic within the waters of the WCKH, MB(N) and MB(S) FCZs, the buffer zone between the boundary of the proposed FCZs and the nearby open water area would be expected to provide sufficient accommodation for nearby marine traffic.

Proposed Locations of Boundary Buoys

8. Clear demarcation is essential for the effective management and law enforcement of FCZs. The existing FCZs in Hong Kong are marked on navigation charts and demarcated by yellow boundary buoys. Different marine users can identify these areas easily. Since the local fishing vessels are primarily Fishing Sampans and Outboard Open Sampans, and the mobile network coverage in eastern waters of Double Island and Grass Island is weak, AFCD expects that fisheries representatives may request for physical buoys to allow them to recognise the boundary of the FCZs and remind them not to enter or remain in the FCZs. Physical buoys may also facilitate law enforcement in evidence collection at sea and in FCZs.

9. Twelve boundary buoys are proposed to be deployed, one at each corner of each FCZ, as shown in Appendix A and B. The minimum number of boundary buoys is proposed to be laid at strategic locations for the demarcation of the boundary of the proposed WCKH, MB(N) and MB(S) FCZs.

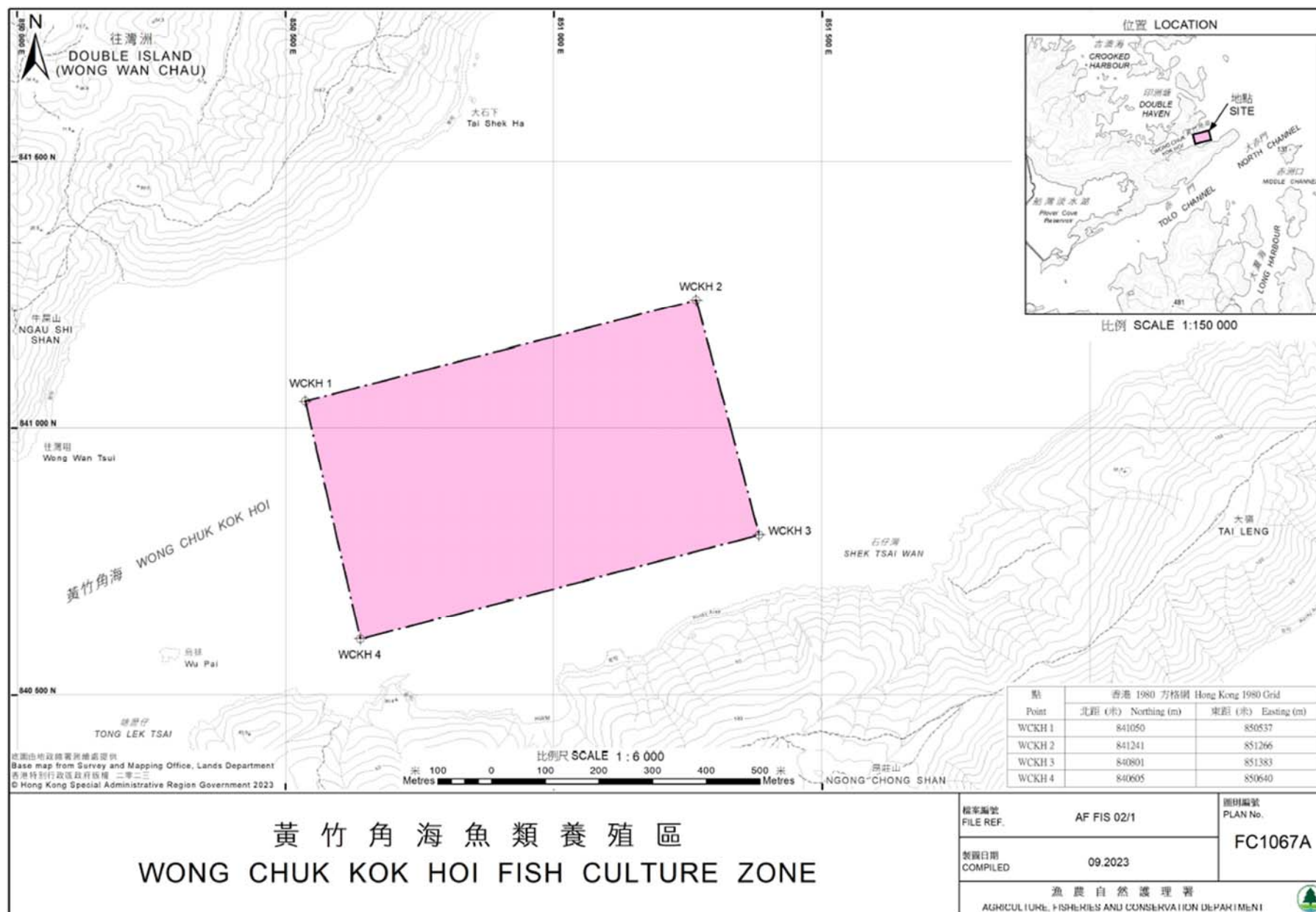
Way Forward

10. AFCD will liaise and follow up with the Marine Department and the relevant contractor for installation of the boundary buoys for the WCKH, MB(N) and MB(S) FCZs.
11. After reviewing the mariculture operation in these two FCZs, DACF will then commence the operation of the remaining two FCZs at Outer Tap Mun and Po Toi (Southeast) in the second phase at a suitable juncture.

Advice Sought

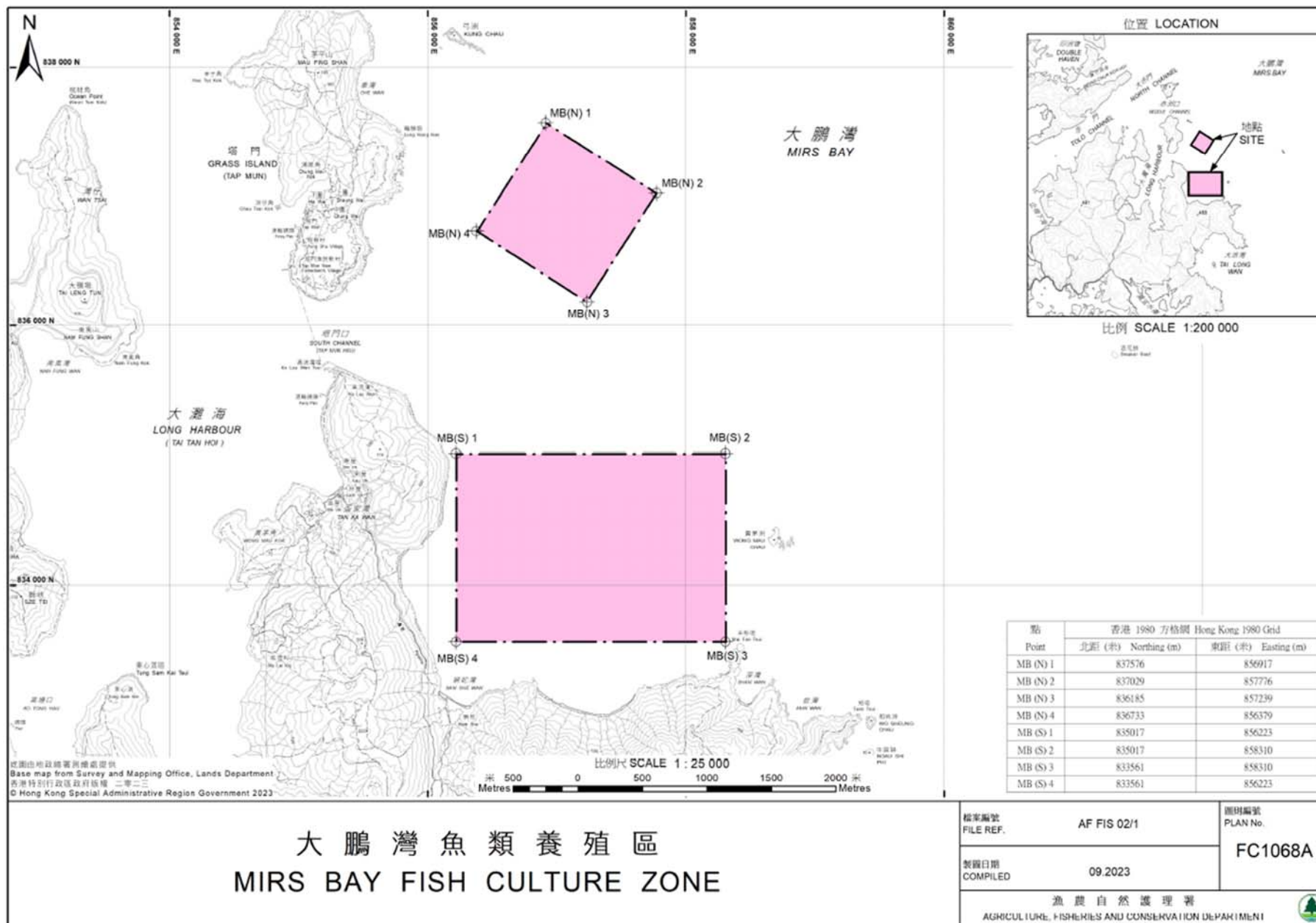
12. Members are invited to note the details of the proposal described in paragraphs 5 to 9 above. In case of any enquiry on the related matters, please contact Dr. NG Wai Chuen of AFCD by phone at 2150 7107, or by email: waichuen_ng@afcd.gov.hk.

Agriculture, Fisheries and Conservation Department
August 2025



Appendix A

點	香港1980方格網 Hong Kong 1980 Grid		WGS84 基準 Datum	
Point	北距(米) Northing (m)	東距(米) Easting (m)	Latitude 緯度	Longitude 經度
WCKH 1	841050	850537	22°30.542' N	114°18.933' E
WCKH 2	841241	851266	22° 30.645' N	114° 19.358' E
WCKH 3	840801	851383	22° 30.407' N	114° 19.427' E
WCKH 4	840605	850640	22° 30.301' N	114° 18.993' E



大鵬灣魚類養殖區
MIRS BAY FISH CULTURE ZONE

點	香港1980方格網 Hong Kong 1980 Grid		WGS84 基準 Datum	
Point	北距(米) Northing (m)	東距(米) Easting (m)	Latitude 緯度	Longitude 經度
MB(N) 1	837576	856917	22° 28.656' N	114 ° 22.651' E
MB(N) 2	837029	857776	22° 28.359' N	114 ° 23.152' E
MB(N) 3	836185	857239	22° 27.902' N	114 ° 22.838' E
MB(N) 4	836733	856379	22° 28.200' N	114 ° 22.337' E

點	香港1980方格網 Hong Kong 1980 Grid		WGS84 基準 Datum	
Point	北距(米) Northing (m)	東距(米) Easting (m)	Latitude 緯度	Longitude 經度
MB(S) 1	835017	856223	22° 27.270' N	114 ° 22.245' E
MB(S) 2	835017	858310	22° 27.268' N	114 ° 23.461' E
MB(S) 3	833561	858310	22° 26.479' N	114 ° 23.461' E
MB(S) 4	833561	856223	22° 26.481' N	114 ° 22.243' E