

MARINE DEPARTMENT NOTICE NO. 49/2022

(Marine Works)

**Marine Works for Construction of Three-Runway System
at the North of the Hong Kong International Airport**

With immediate effect and for a period of approximately 31 months, marine works involving seawall construction, marine filling works, barging operations, hydrographic survey, marine material delivery and fuel delivery will be carried out in the area bounded by straight lines joining the following co-ordinates (WGS 84 Datum) from (A) to (U) and the adjacent shoreline:

(A)	22° 18.059'N	113° 53.861'E
(B)	22° 18.120'N	113° 52.852'E
(C)	22° 18.667'N	113° 52.446'E
(D)	22° 18.558'N	113° 52.096'E
(E)	22° 18.835'N	113° 52.139'E
(F)	22° 19.103'N	113° 52.181'E
(G)	22° 19.350'N	113° 52.220'E
(H)	22° 19.513'N	113° 52.723'E
(I)	22° 19.670'N	113° 53.212'E
(J)	22° 19.820'N	113° 53.676'E
(K)	22° 19.953'N	113° 54.085'E
(L)	22° 20.146'N	113° 54.687'E
(M)	22° 20.265'N	113° 55.070'E
(N)	22° 20.418'N	113° 55.533'E
(O)	22° 20.214'N	113° 55.994'E
(P)	22° 20.097'N	113° 56.257'E
(Q)	22° 19.946'N	113° 56.597'E
(R)	22° 19.833'N	113° 56.850'E
(S)	22° 19.642'N	113° 56.919'E
(T)	22° 19.357'N	113° 56.832'E
(U)	22° 19.329'N	113° 56.755'E

2. Yellow marker buoys fitted with yellow flashing lights and radar reflectors will be laid at co-ordinates (F), (I), (J), (K), (L), (M) and (Q) to mark the boundary of the works area.

3. Cardinal mark buoys will be laid at co-ordinates (D), (E), (O) and (P) to indicate the safe side on which to pass the works area. The characteristics of the cardinal mark buoys are as follows:

Co-ordinate (D)	: 22° 18.558' N 113° 52.096' E
Shape	: Pillar
Colour	: Black horizontal band on a yellow body
Light	: 9 flashes
Top Mark	: Cones point towards each other
Radar Reflector	: Fitted

Co-ordinate (E)	: 22° 18.835' N 113° 52.139' E
Shape	: Pillar
Colour	: Black horizontal band on a yellow body
Light	: 9 flashes
Top Mark	: Cones point towards each other
Radar Reflector	: Fitted

Co-ordinate (O)	: 22° 20.214' N 113° 55.994' E
Shape	: Pillar
Colour	: Yellow horizontal band on a black body
Light	: 3 flashes
Top Mark	: Cones point away from each other
Radar Reflector	: Fitted

Co-ordinate (P)	: 22° 20.097' N 113° 56.257' E
Shape	: Pillar
Colour	: Yellow horizontal band on a black body

Light	: 3 flashes
Top Mark	: Cones point away from each other
Radar Reflector	: Fitted

4. The works will be carried out by a flotilla of vessels including special purpose vessels, pelican barges, cement supply barges, derrick lighters, roro barges and flat top barges. Tugboats, work boats and guard boats will provide assistance. The number of vessels engaged in the works will change from time to time to suit operational requirements.

5. A working area of approximately 150 metres will be established around each special purpose vessel. Yellow marker buoys fitted with yellow flashing lights will be laid to mark the positions of the anchors extending from the special purpose vessels.

6. A working area of approximately 50 metres will be established around each derrick lighter and barge. Yellow marker buoys fitted with yellow flashing lights will be laid to mark the positions of the anchors extending from the derrick lighters and barges.

7. The water depth at the works area will be reduced.

8. To safeguard the marine works operations and ensure navigational safety, guard boats will station in the works area and patrol the waters in the vicinity to give necessary guidance to the vessels approaching the works area.

9. Silt curtains, extending from the sea surface to the seabed, will be established around the boundary of the works area. The silt curtain is a large piece of netting used to contain mud and sediments. Yellow marker buoys fitted with yellow flashing lights will be laid to mark the extent of the silt curtains.

10. The hours of work will be round-the-clock including Sundays and public holidays. Diving operations will be carried out from time to time during the hours of work.

11. Vessels engaged in the operations will display signals as prescribed in international and local regulations.
12. Vessels navigating in the vicinity should proceed with caution and keep clear of the works area at slow speed, bearing in mind there are divers working in the area.
13. A drawing showing the works area is attached to this Notice.
14. This Notice supersedes Marine Department Notice No. 60/2021.

Ms Carol Yuen
Director of Marine

Marine Department
Government of the HKSAR
Date: 7 March 2022
Action File Ref.: L/M No. 5/21 in MD-PD&PS-F01-075-01A-003-P012

海事處佈告第 49 / 2022 號附圖

Drawing Attached to Marine Department Notice No. 49/2022



不宜作航行用途

NOT TO BE USED FOR NAVIGATION