

## **MARINE DEPARTMENT NOTICE NO. 49 OF 2009**

(Marine Works)

### **Submarine Pipeline-laying and Backfilling Operations in Urmston Road**

With immediate effect and for a period of approximately 6 months, submarine pipeline-laying operations will be carried out in Urmston Road from Pillar Point to Shau Chau along the route from positions (A) to (H), and in the Works Area 1 and Works Area 2. The co-ordinates of the positions and Works Areas are detailed in the **Annex**.

2. The works will include laying two pipelines from Pillar Point to Sha Chau in a dredged trench followed by backfilling operations. The backfilling operations will start when the pipe-laying barge has moved to Works Area 2.

#### **Pipeline-laying Operations**

3. The submarine pipeline-laying works will be carried out from one pipe-laying barge. Two lighters, two tugs and four motor guard boats will provide assistance. The following working areas will be established around the pipe-laying barge:

- 1000 metres by 600 metres when working between positions (A) and (B)
- 1000 metres by 800 metres when working between positions (B) and (E)
- 250 metres by 150 metres when working within Works Area 1
- 350 metres by 300 metres when working within Works Area 2

#### **Backfilling Operations**

4. The backfilling works will be carried out from one rock-filling barge. Two lighters, two tugs and four motor guard boats will provide assistance. The backfilling operations will start in Works Area 1 then along the route from positions (A) to (H). A working area of 200 metres by 200 metres will be established around the rock-filling barge.

5. The number of vessels engaged in the above works will change from time to time to suit operational requirements. Yellow marker buoys fitted with yellow flashing lights will be laid to mark the positions of the anchors extending from the pipe-laying barge and rock-filling barge. In addition, orange colour marker floats fitted with white flashing lights will be laid to mark the anchor wires of the pipe-laying barge at water depth of about 5 metres.
6. The works will be carried out round-the-clock.
7. When the pipeline-laying operations take place between the positions (A) and (B), the passage of vessels with draft of 15 metres and above through Urmston Road will be restricted. There will be two restrictions. Each restriction will last for about 12 hours. Ships' agents will be notified of the exact timing of the restriction when they book a pilot.
8. Vessels engaged in the works will display signals as prescribed in international and local regulations.
9. Diving operations will be carried out from time to time during the above works. Vessels navigating in the vicinity should proceed with caution at slow speed and keep well clear of the pipe-laying barge and the rock-filling barge, bearing in mind that there are divers working around the barges.
10. A drawing showing the submarine pipeline route and the works areas is attached to this Notice.
11. This Notice supersedes Marine Department Notice No. 25 of 2009 and should be read in conjunction with Marine Department Notices No. 26 and No. 41 of 2009.

**R. F. TUPPER**  
**Director of Marine**

Marine Department  
Government of the HKSAR  
Date : 9 April 2009  
Action File Ref. : L/M 132/08(2) in PA/S 909/21/4/1

## **Annex to Marine Department Notice No. 49 of 2009**

### **Pipeline Route**

This route follows a line joining the following co-ordinates (WGS 84 Datum):

(A)	22° 22.022' N	113° 55.532' E
(B)	22° 21.442' N	113° 54.690' E
(C)	22° 21.313' N	113° 54.503' E
(D)	22° 21.182' N	113° 54.313' E
(E)	22° 21.154' N	113° 53.847' E
(F)	22° 21.140' N	113° 53.597' E
(G)	22° 21.243' N	113° 53.517' E
(H)	22° 21.206' N	113° 53.383' E

### **Works Area 1**

This area is bounded by straight lines joining the following co-ordinates (WGS 84 Datum) and the adjacent shoreline:

(I)	22° 21.948' N	113° 55.633' E
(J)	22° 21.896' N	113° 55.641' E
(K)	22° 21.757' N	113° 55.830' E
(L)	22° 21.629' N	113° 55.722' E
(M)	22° 21.795' N	113° 55.495' E
(N)	22° 22.008' N	113° 55.464' E
(O)	22° 22.048' N	113° 55.498' E

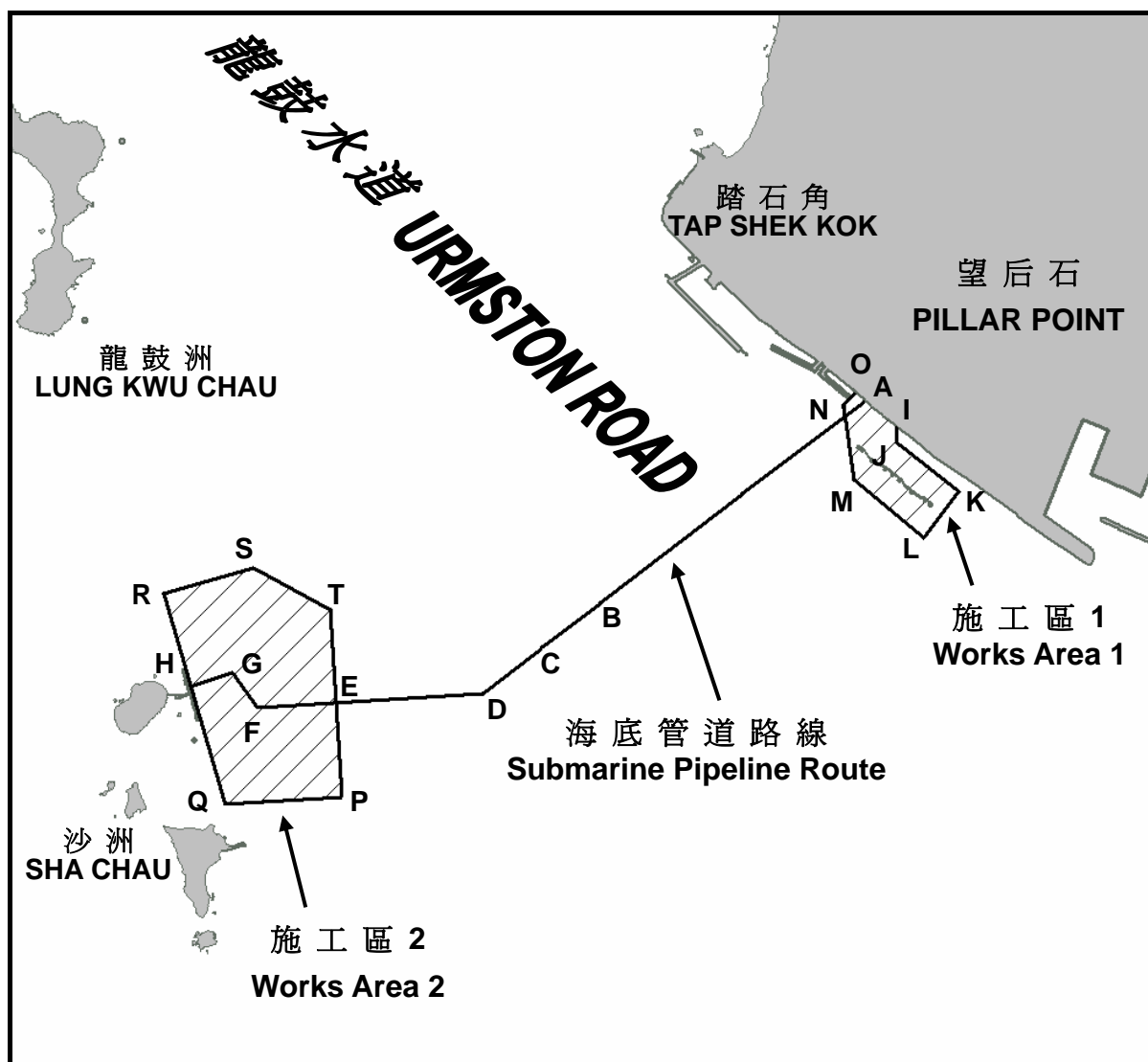
### **Works Area 2**

This area is bounded by straight lines joining the following co-ordinates (WGS 84 Datum):

(P)	22° 20.884' N	113° 53.865' E
(Q)	22° 20.862' N	113° 53.493' E
(R)	22° 21.466' N	113° 53.300' E
(S)	22° 21.541' N	113° 53.579' E
(T)	22° 21.425' N	113° 53.829' E

海事處佈告 2009 年第 49 號附圖

Drawing Attached to Marine Department Notice No. 49 of 2009



不宜作航行用途  
NOT TO BE USED FOR NAVIGATION