

# Notice of works (prohibited) area accompanying the construction of a new waste disposal area

(From April 1, 2019 to November 30, 2019)

- Operations to construct a new waste-disposal area in waters off Aomi 3-chome, Koto-ku, Tokyo (Section 4, Tokyo-ku, Keihin Port) will be carried out, in continuation, as described below. (See Fig. 1)
- Mariners are requested to exercise due caution when sailing in the vicinity.

## Description

### 1 Outline of the works

(1) D Block

Operations to construct embankments, soil improvement works for their construction, and further excavating operations of digging into the seabed so as to increase the capacity to receive more waste.

(2) F Block

Temporary storage and transfer to G Block and C Block (landfill operation), by the Tenyu No. 2 (special barge designed to handle them), of dredged mud and sand carried by mud and sand barges.

Block name		Year and month		Work schedule					
				2019					
Type of work		Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.
D Block	Soil improvement								
	Embankment construction								
	E Works Area								
F Block	Further seabed excavation								
	Mud transfer operations								

### 2. Prohibited area and period (D Block)

⊙ Period of prohibition of navigation: From April 1, 2019 to November 30, 2019

⊙ Prohibited area: water area enclosed by lines joining, in sequence, the following reference points from 'a' to 'd', and a line joining 'd' and 'a'.

Point	Reference point	Direction	Distance	Latitude	Longitude
a	From Jugogochi South Signal Station	179°31'	2,602m	35°35'25.6"	139°50'05.9"
b	From point 'a'	152°16'	854m	35°35'01.0"	139°50'21.7"
c	From point 'b'	236°25'	1,080m	35°34'41.6"	139°49'45.9"
d	From point 'c'	326°25'	850m	35°35'04.6"	139°49'27.2"

### 3 Safety measures

(1) Guard boats

In order to ensure safety of navigating vessels, one guard boat will be posted each at the following locations and endeavor to provide information and guidance to vessels sailing nearby (See Fig. 2 for location): on the east, west and south sides of the works area (prohibited area) (day and night), and on the west side of the mud and sand transfer operation (day time only). The signs and signals displayed by the guard boats are as shown in Fig. 5.

(2) Markers

In order to clearly indicate the works area and the embankments, marker light beacons have been established as illustrated in Fig. 2. The details of the marker lights are as shown in Fig. 3.

Fig. 3	Marker light buoy for indicating works area (★)		Marker light for indicating embankments (●)	
	Light character	Single flashing every 4 sec.	Light character	Single flashing every 4 sec.
Markers for works	Light color	Yellow	Light color	Yellow
	Luminous range	4.5 nautical miles	Luminous range	2.2 nautical miles
	Paint color	Yellow	Paint color	Yellow
	Synchronous flashing system		Synchronous flashing system	

### 4 Identification flags for vessels engaged in the works

Vessels involved in the works display the identification flags as illustrated in Fig. 4.

Fig. 4	Identification flags	Description
Fig. 4		Workboats for the construction of the New Waste Disposal Area (60×90cm)
		Workboats entering/leaving through the south side of D Block (50×80cm)
		Workboats entering/leaving through the east side of D Block (50×80cm)
		Mud and sand barges entering/leaving F Block (50×80cm)
		Mud-and-sand barges bound for Chiba (100×90cm) (No.1~99)
		Diving support boats (Signal board showing the international code flag "A") (Common to all business places)
		Mud-and-sand barges entering/leaving special vessel for mud-and-sand transfer (60×70cm) (No.1~260)

Fig.1 Location chart

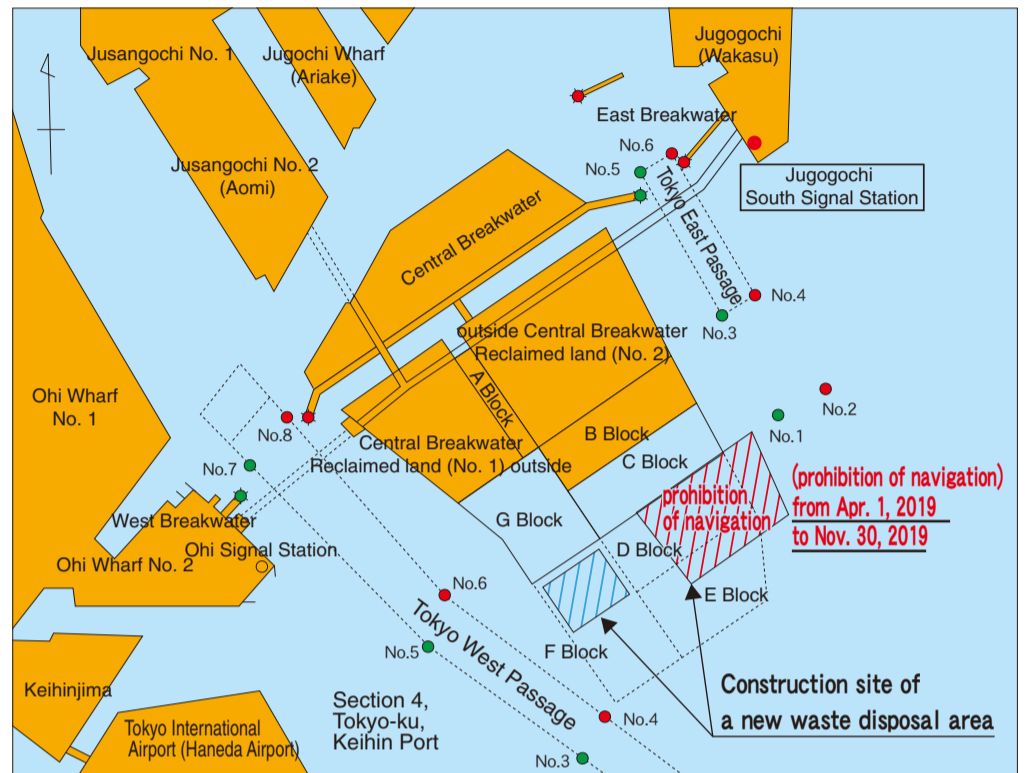
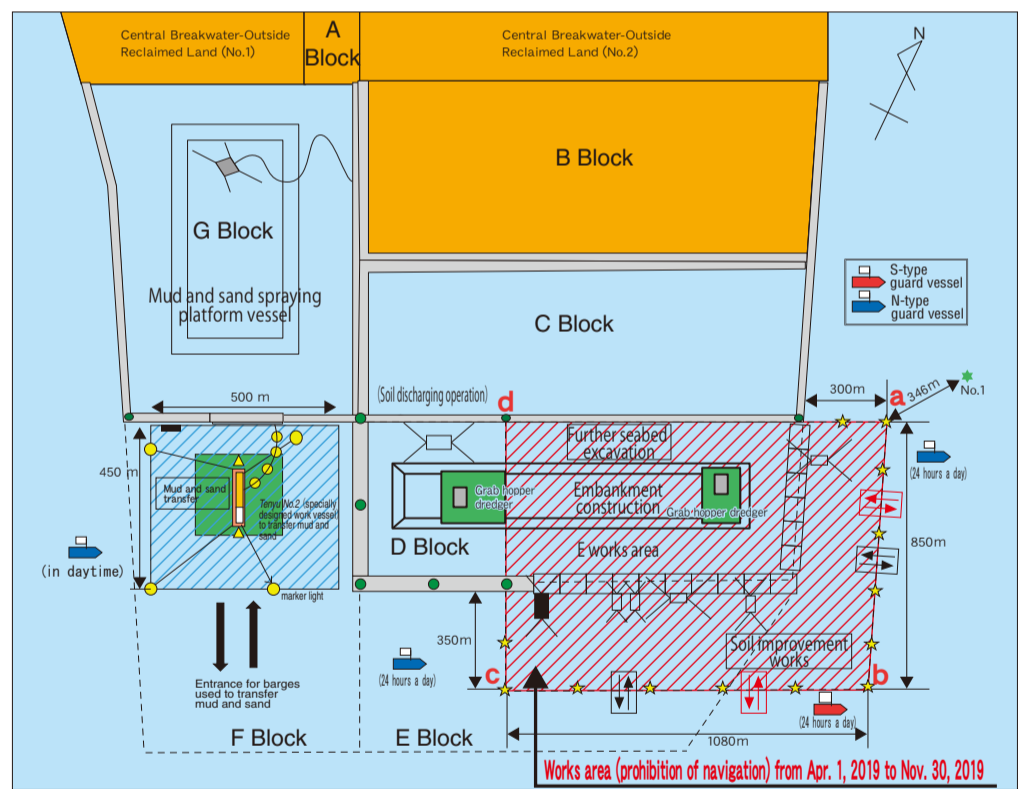
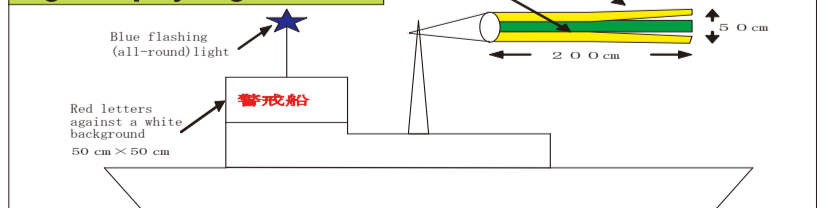


Fig.2 Works area chart



Legend	Symbol	Description
		Works (prohibited) area
		Works area for dredged sand and mud temporary storage and transfer
		Offshore Land Reclamation Section
		Marker light buoy for indicating works area
		Marker light for indicating embankments
		Anchor light (white)
		Marker buoys (yellow flashing every 4 seconds; approx. luminous range of 4 km) to indicate the position of the tip of the anchor and that of the floater pipe. Length 143.4 m × Breadth 32.2 m × Depth 19.5 m
		Entrance/exit for mud and sand barges (works area)
		Entrance/exit for mud and sand barges (soil transfer operations)
		Entrance/exit for workboats (works area)
		(Works area) Put the improved soil (separate business)
		F Block (operation to take out improved soil) (separate business)

Fig.5 Display of guard boat



For inquiries, contact	Employer	Offshore Land Reclamation Section, Tokyo Port Construction Office, Tokyo Metropolitan Government, at 03-5500-2493	Contractor	Public interest incorporated association Tokyo Navigation Safety & Information Management Office, The Tokyo Wan Association for Marine Safety, at 03-6457-1505
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