

Notice of Construction Works for New Waste Disposal Area and of Accompanying Establishment of Prohibited Area

(From April 1, 2021 to February 28, 2022)

- The construction work of the new waste disposal area will be continued as described below (See Fig. 1) in the seaward area adjacent to Umino-mori 3-chome, Koto-ku, Tokyo Prefecture (in Section 4, Tokyo-ku, Keihin Port).
- Mariners are requested to exercise due caution when sailing in the vicinity.

Description

1 Outline of the works

(1) D Block

Water shielding, embankment filling operation, embankment construction, its accompanying soil improvement work, and further digging of the seabed for increasing the fill capacity of the disposal area.

(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.

		Work schedule												
Block name	Type of work	2021												
		Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
D Block	Soil improvement work													
	Embankment construction work	G works area												
		H works area												
		I works area												
		J works area												
Further excavation work														
Water shielding and embankment filling operations														
F Block	Mud and sand transfer work													

2. Prohibited area and period

○ **Period : February 27, 2021 to February 28, 2022**

○ **Area : Water area enclosed by lines joining, in sequence, the following points 'a' to 'e' and the shore lines connecting 'e' and 'a'.**

Point	Reference point	Direction	Distance	Latitude (north)	Longitude (east)
a	From 15-gochi south signal station	186°24'	2,655m	35°35'24.4"	139°49'53.3"
b	From Point 'a'	56°25'	300m	35°35'29.8"	139°50'02.9"
c	From Point 'b'	152°11'	1,000m	35°35'01.0"	139°50'21.7"
d	From Point 'c'	236°25'	1,080m	35°34'41.6"	139°49'45.9"
e	From Point 'd'	326°25'	850m	35°35'04.6"	139°49'27.2"

3 Safety measures

(1) Guardboats

For the safety of navigation of vessels, guardboats will be posted as follows and endeavors will be made to provide information for, and to guide, vessels sailing in the vicinity : one guardboat, day and night, each to the east, west and south of the works area (prohibited area) and another one, in daytime only, to the west of the mud-and-sand transfer operation. (See Fig. 2 for the location of guardboats.) Their signs and signals 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.

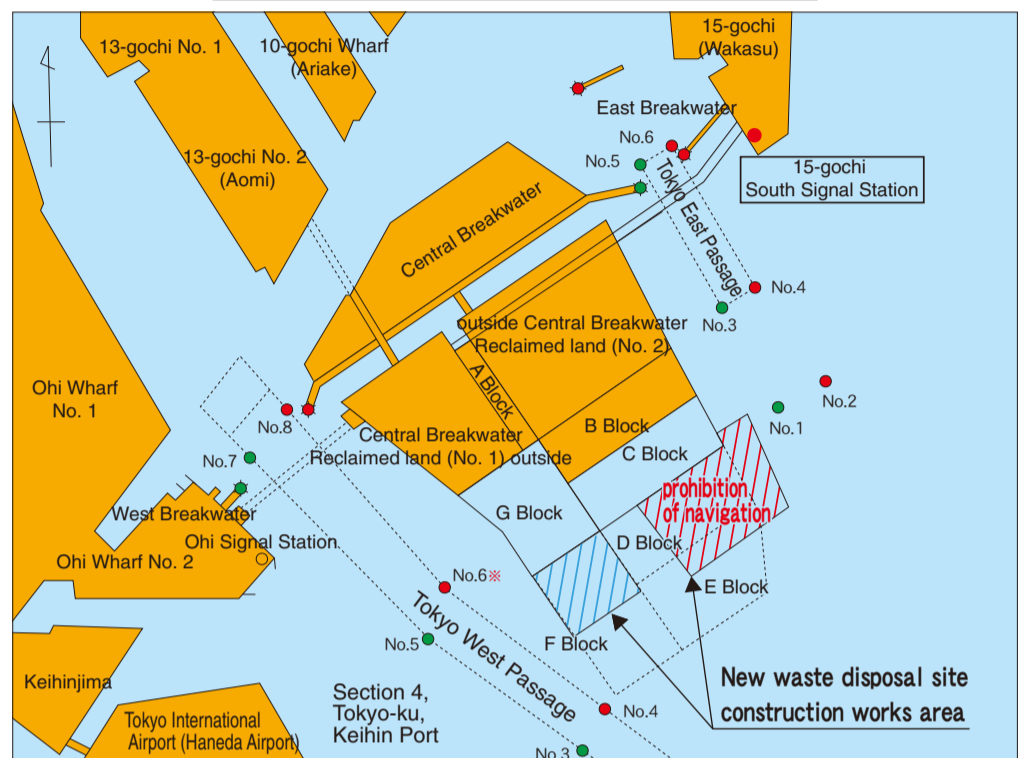
Fig. 3	Marker light buoy for indicating works area (☆)		Marker light for indicating embankments (⊕)	
	Light character	Single flashing every 4 sec.	Light character	Single flashing every 4 sec.
Markers for works	Light color	Yellow	Light color	Yellow
	Luminous range	4.5 nautical miles	Luminous range	2.2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

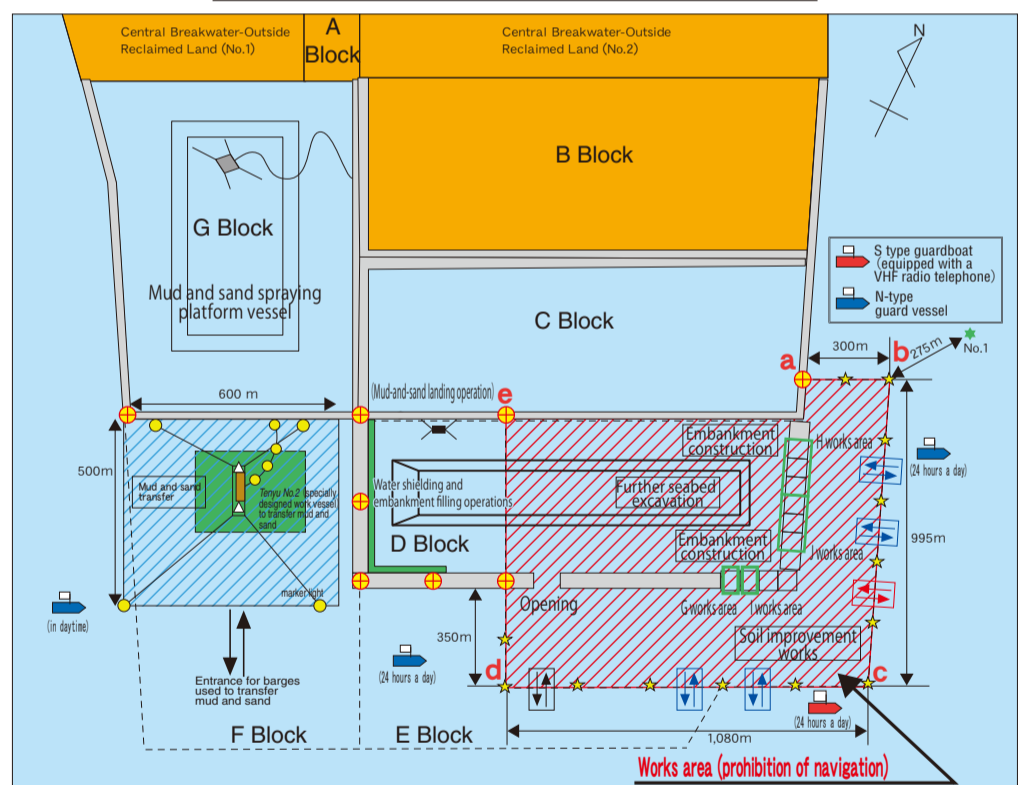
Fig. 4	Identification flags	Description
Fig. 4		Workboats for the construction of the New Waste Disposal Area (60×90cm)
		Workboats entering/leaving through the south side of D Block (50×80cm)
		Workboats entering/leaving through the east side of D Block (50×80cm)
		Mud and sand barges entering/leaving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

Fig.1 Location chart



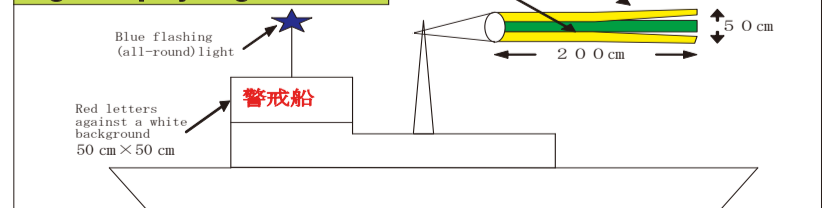
※ The Tokyo West Passage No. 6 lightbuoy has been removed and replaced by a virtual AIS aid to navigation.

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.
		Mud and sand landing operation
		Entrance/exit for mud and sand carriers (for sand and mud transfer)
		Entrance/exit for workboats (for soil improvement work)
		Entrance/exit for workboats (for embankment construction work)
		Entrance/exit for workboats (for sea bed excavation for further filling space, and sealing and back-filling operations)
		Principal dimensions: Length(143.4m)× Breadth(32.2m)× Depth(19.5m)

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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