

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

(From December 1, 2019 to March 31, 2020)

- 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.

Work schedule						
Block name	Year and month	Type of work	2019		2020	
			December	January	February	March
D Block	Soil improvement work	E works area	■	■	■	■
		F works area	■	■	■	■
		Installation part	■	■	■	■
		Further excavation work	■	■	■	■
F Block	Mud and sand transfer work	■	■	■	■	

### 2. Prohibited area and period

⊙ **Period : December 1, 2019 to February 26, 2021**

⊙ **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	Longitude
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'	236°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

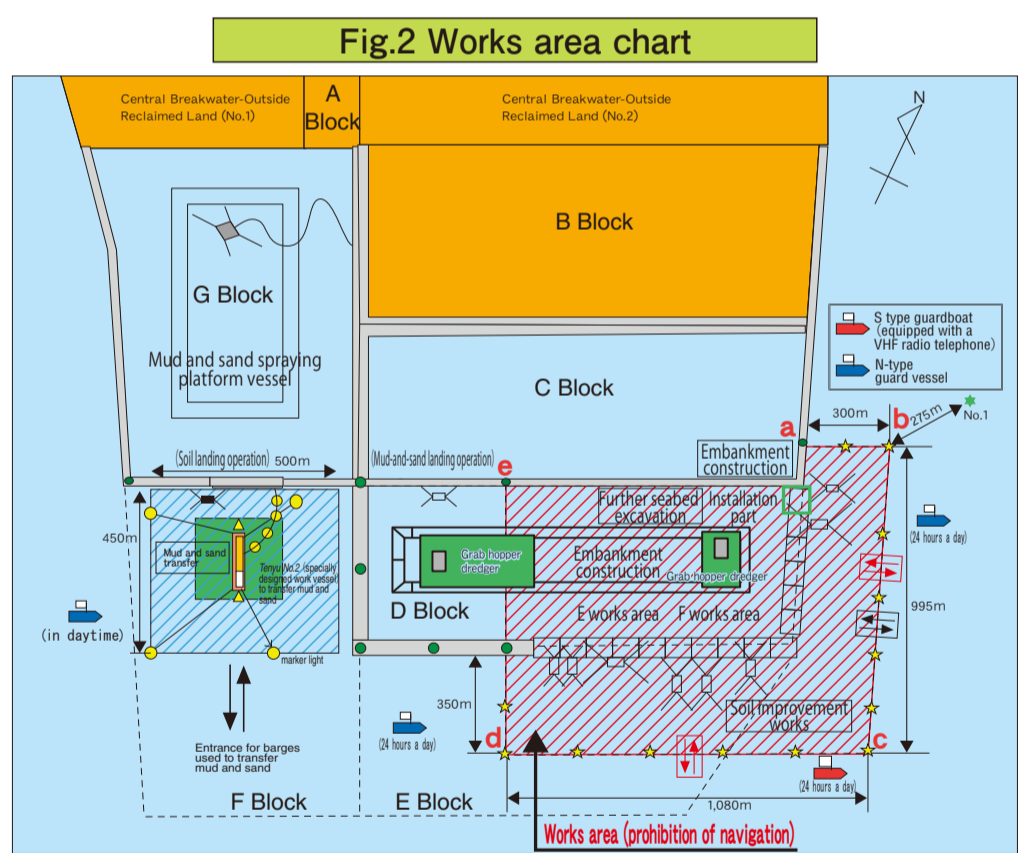
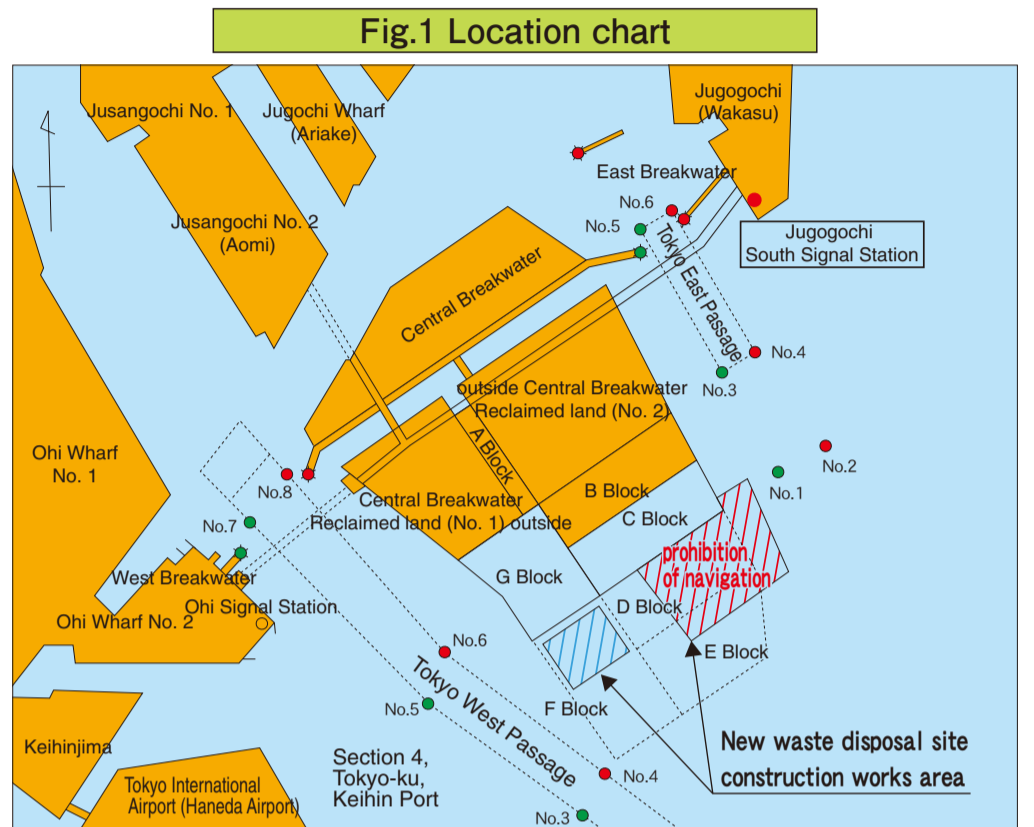
In order to clearly indicate the works area and the embankments, marker light beacons have been established as illustrated in Fig. 2. The details of the marker lights are as shown in Fig. 3.

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	

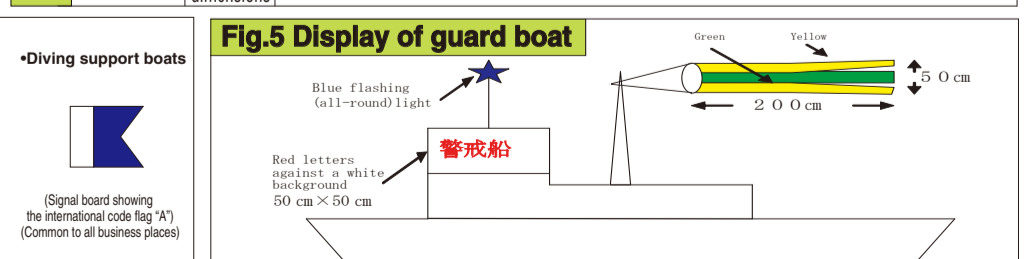
### 4 Identification flags for vessels engaged in the works

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, etc. to/from the new waste disposal area (50×80cm)
		Mud-and-sand barges entering/leaving special vessel for mud-and-sand transfer (60×70cm) (No.1~260)
		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)



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.
		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)
		Mud-and-sand landing operation (Separate project)
		Soil landing operation (Separate project)
		Principal dimensions: Length(143.4m)× Breadth(32.2m)× Depth(19.5m)



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