

Notice of Construction Works for New Waste Disposal Area and of Accompanying Establishment of Prohibited Area (From April 1, 2020 to March 31, 2021)

- 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

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.

| Block name | | Work schedule | | | | | | | | | | | | |
|---|------------------------------|-------------------|-----|------|------|------|------|------|------|------|------|------|-------|--|
| | | 2020 | | | | | | | | | | 2021 | | |
| Type of work | Year and month | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | |
| D Block | Soil improvement work | | | | | | | | | | | | ■ ■ ■ | |
| | Embankment construction work | F works area | | | | | | | | | | | | |
| | | Installation part | | | | | | | | | | | | |
| | | G works area | | | | | | | | | | | | |
| | | H works area | | | | | | | | | | | | |
| | Further excavation work | | | | | | | | | | | | | |
| Water shielding and embankment filling operations | | | | | | | | | | | | | | |
| 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' | 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 | Light color | Light character | Light color |
| Markers for works | Single flashing every 4 sec. | Yellow | Single flashing every 4 sec. | 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 | |
| | Approx. 3 m | | Approx. 1 m | |

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 |
|--|--|
| •Workboats for the construction of the New Waste Disposal Area | (60×90cm) |
| | •Workboats, etc. to/from the new waste disposal area |
| | Workboats entering/leaving through the south side of D Block |
| | Workboats entering/leaving through the east side of D Block |
| | Mud and sand barges entering/leaving F Block |
| •Mud-and-sand barges entering/leaving special vessel for mud-and-sand transfer | (No.1~260) |
| | (No.1~99) |
| •Mud-and-sand barges bound for Chiba | (No.1~99) |
| | (Signal board showing the international code flag 'A') (Common to all business places) |
| •Diving support boats | |

Fig.1 Location chart

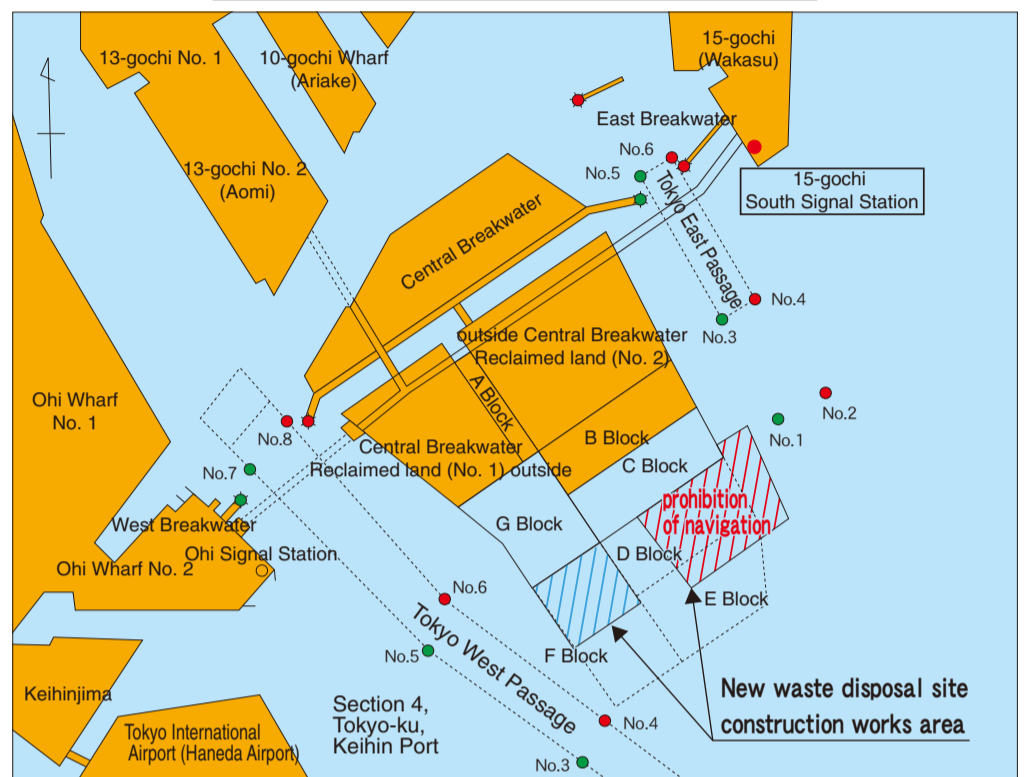
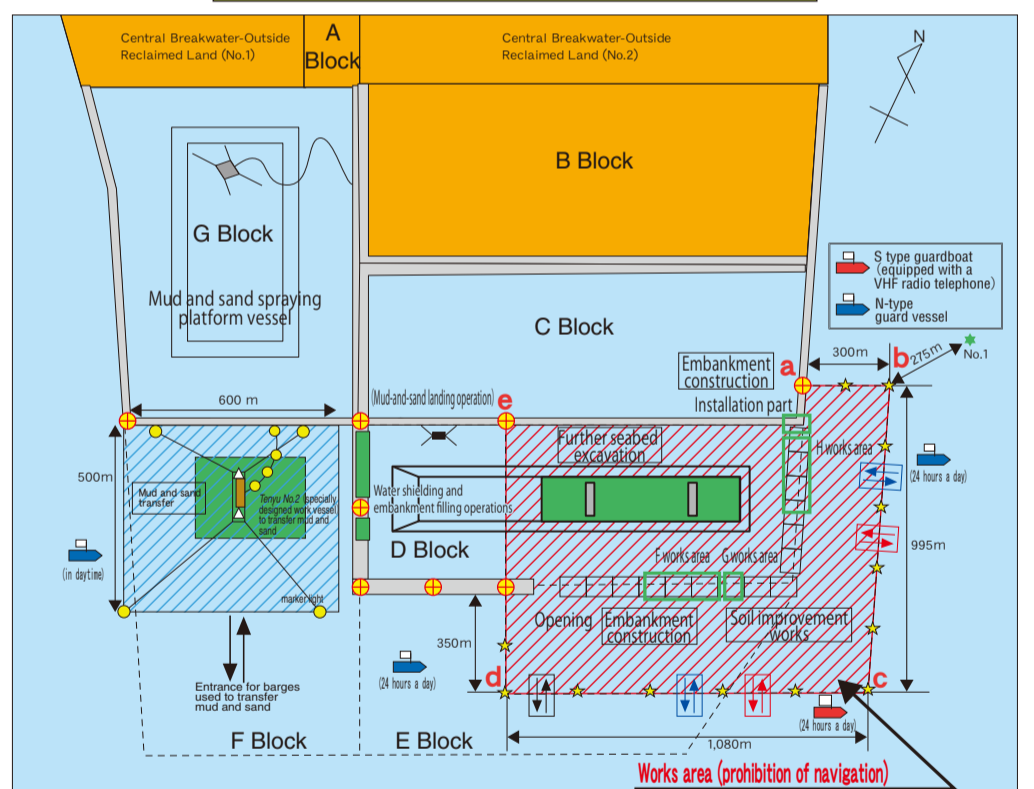
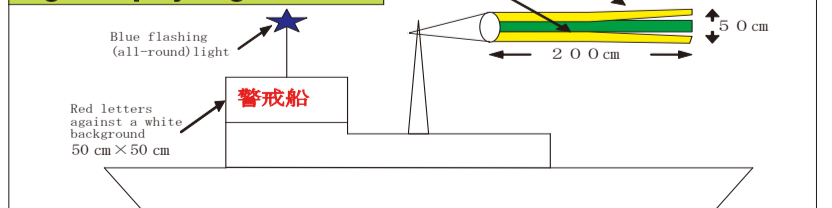


Fig.2 Works area chart



| Legend | Symbol | Description | Symbol | Description |
|--|--|--|--------|--|
| | | Works (prohibited) area | | Entrance/exit for mud and sand carriers (for sand and mud transfer) |
| | | Works area for dredged sand and mud temporary storage and transfer | | Entrance/exit for workboats (for soil improvement work) |
| | | Offshore Land Reclamation Section | | Entrance/exit for workboats (for embankment construction work) |
| | | Marker light buoy for indicating works area | | Entrance/exit for workboats (for water shielding and embankment filling operations) |
| | | Marker light for indicating embankments | | Mud and sand landing operation |
| Tenyu, No.2 a vessel designed to transfer mud and sand | | 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. |
| 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 |
|------------------------|----------|---|------------|--|