

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

(From August 1, 2018 to March 31, 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) 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.

(2) 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.

		Work schedule								
Block name	Type of work	2018					2019			
		Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
D Block	Soil improvement	[Solid black bar]								
	Embankment construction (E Works Area)	[Solid black bar]								
	Further seabed excavation	[Solid black bar]								
F Block	Mud transfer operations	[Solid black bar]								

2. Prohibited area and period (D Block)

⊙ **Period of prohibition of navigation: From August 10, 2018 to March 31, 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"

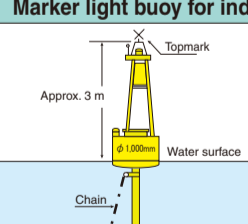
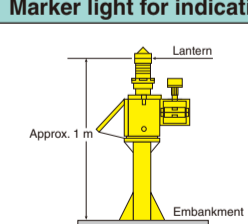
3 Safety measures

(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 (●)																				
	 <p>Approx. 3 m Water surface Chain</p>	<table border="1"> <tr><td>Light character</td><td>Single flashing every 4 sec.</td></tr> <tr><td>Light color</td><td>Yellow</td></tr> <tr><td>Luminous range</td><td>4.5 nautical miles</td></tr> <tr><td>Paint color</td><td>Yellow</td></tr> <tr><td>Synchronous flashing system</td><td></td></tr> </table>	Light character	Single flashing every 4 sec.	Light color	Yellow	Luminous range	4.5 nautical miles	Paint color	Yellow	Synchronous flashing system		 <p>Approx. 1 m Embankment</p>	<table border="1"> <tr><td>Light character</td><td>Single flashing every 4 sec.</td></tr> <tr><td>Light color</td><td>Yellow</td></tr> <tr><td>Luminous range</td><td>2.2 nautical miles</td></tr> <tr><td>Paint color</td><td>Yellow</td></tr> <tr><td>Synchronous flashing system</td><td></td></tr> </table>	Light character	Single flashing every 4 sec.	Light color	Yellow	Luminous range	2.2 nautical miles	Paint color	Yellow	Synchronous flashing system
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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
 <p>(60×90cm)</p>	 <p>(50×80cm)</p>	Workboats entering/leaving through the south side of D Block (Light blue)
	 <p>(50×80cm)</p>	Workboats entering/leaving through the east side of D Block (Green-yellow)
	 <p>(50×80cm)</p>	Mud and sand barges entering/leaving F Block (White)
	 <p>(60×70cm) (No.1~260)</p>	Mud-and-sand barges entering/leaving special vessel for mud-and-sand transfer (No.1~260)
	 <p>(100×90cm) (No.1~99)</p>	Mud-and-sand barges bound for Chiba (No.1~99)
	 <p>(Signal board showing the international code flag "A") (Common to all business places)</p>	Diving support boats

Fig.1 Location chart

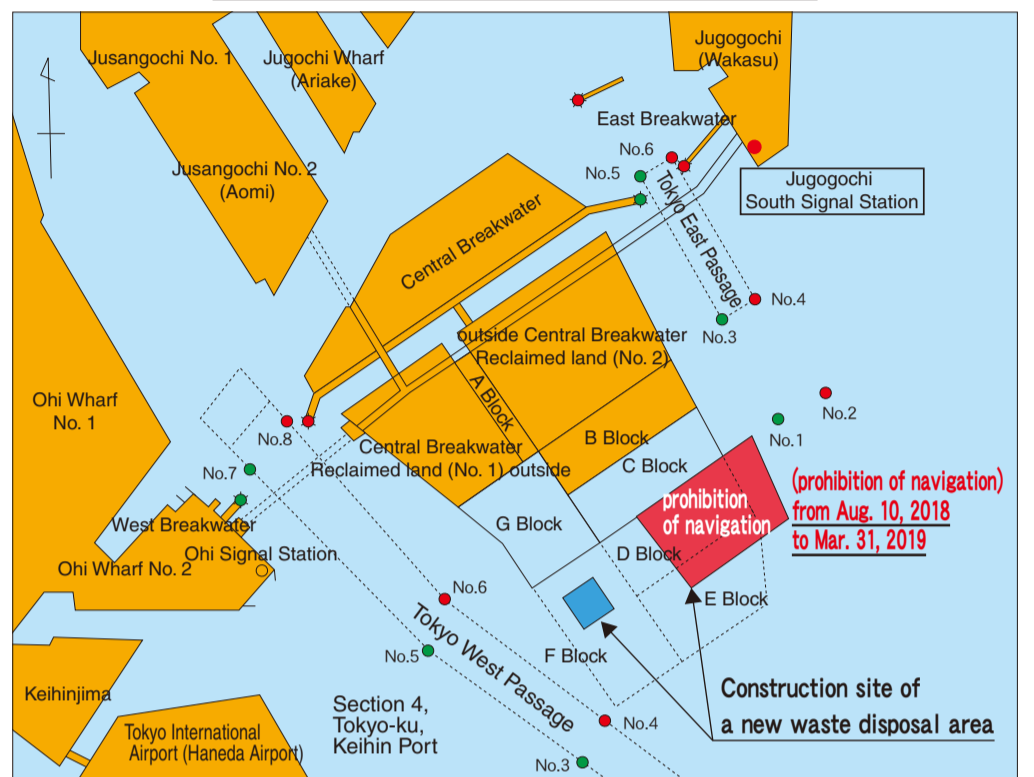
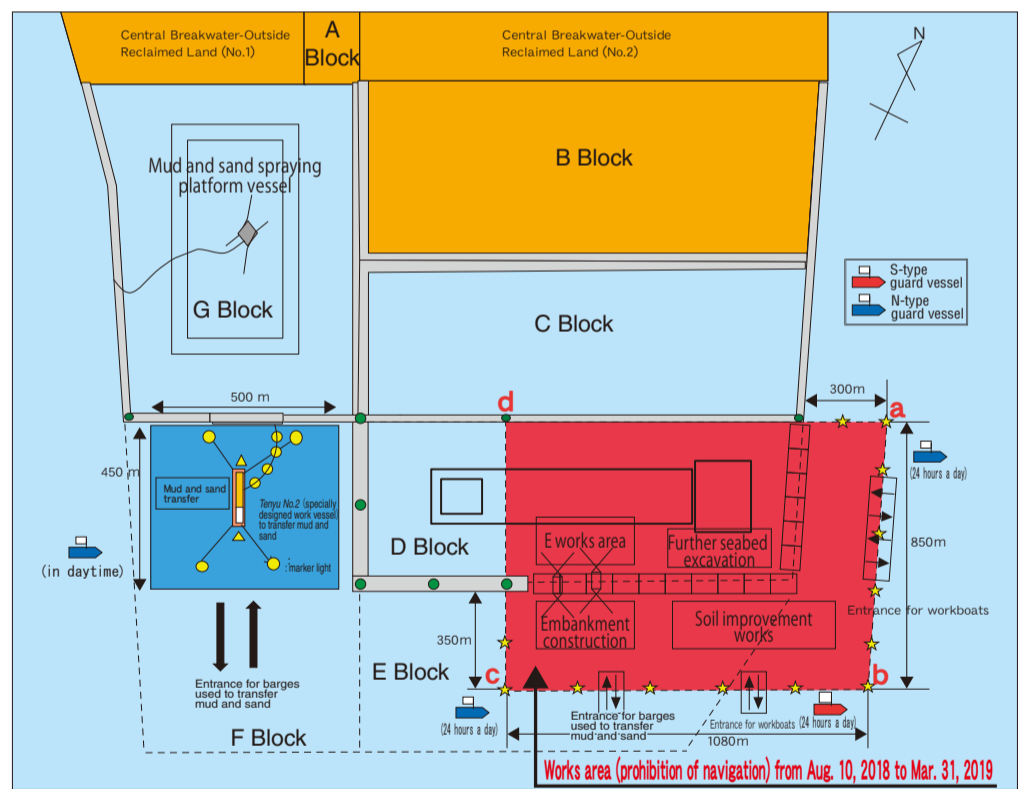
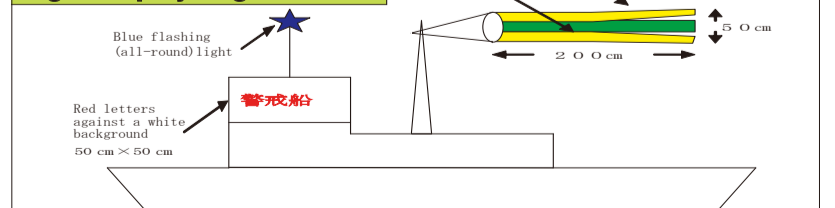


Fig.2 Works area chart



Legend	Description
[Red box]	Works area
[Blue box]	Area for temporary storage and transfer of dredged mud and sand
[Grey box]	Offshore Land Reclamation Section
[Yellow star]	Marker light buoy for indicating works area
[Green circle]	Marker light for indicating embankments
[Yellow triangle]	Anchor light (white); light intensity 11 cd; luminous range approx. 6km
[Yellow circle]	Position marker light (yellow) for anchor and floater pipe
[Yellow circle]	Single flashing every 4 sec.; luminous range approx. 4km
Tenyu, No.2	Principal dimensions: Length(143.4m) × width(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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