

# NOTICE ON CONSTRUCTION WORK OFF ROKKO ISLAND, KOBÉ AREA SECTION 6 OF HANSHIN PORT

Contractor: (Section 1) Toa, Fudo Tetra and Ieshima Specified Construction Joint Venture  
(Section 2) Goyo, Aomi and Kabuki Specified Construction Joint Venture  
(Section 3) Toa, Fudo Tetra and Ohmoto Specified Construction Joint Venture

Inquiry: Management Office of Navigational Safety Information on Kobe Port Marine Construction Work  
[Website: <http://www.kobe-kaibouken.or.jp>]  
Ordering party: Kobe Port Office of Kinki Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism



Inquiry QR code  
Management Office of Navigational  
Safety Information on Kobe Port  
Marine Construction Work

The following preparatory work, installation and removal of sand discharging pipe, embankment sediment removal, and barge transportation will be conducted, followed by the sand lifting and unloading, and casting of spread sand and sand pile for the construction of ancillary facilities. All vessels passing nearby are requested to give a wide berth and navigate with caution.

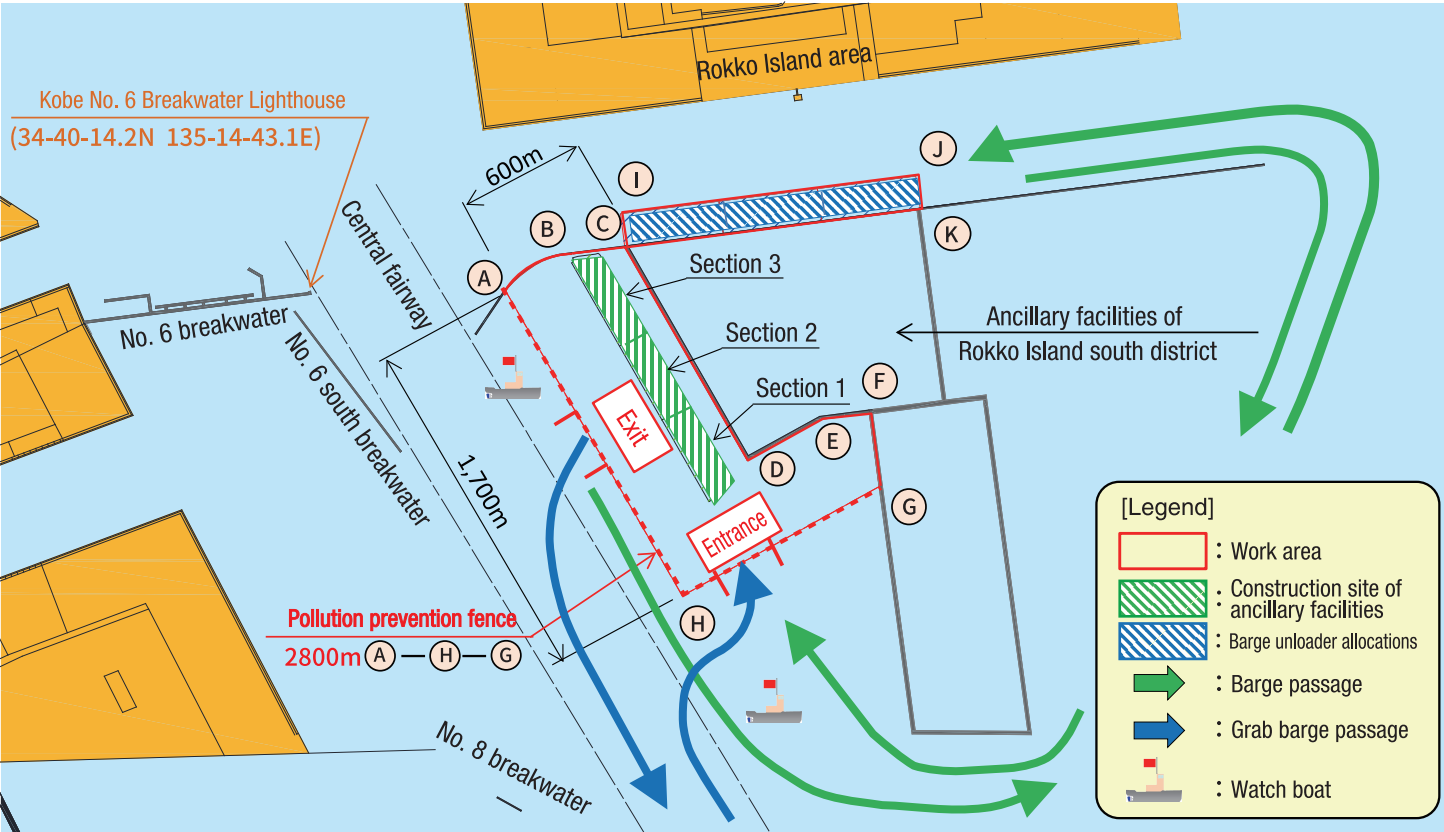
## 1. Work Period and Time

Work period:  
March 16 through November 30, 2020  
  
Work time:  
Sunrise to sunset

| Type of work                                      | 2020         |      |     |      |         |      |       |      |      |
|---|--------------|------|-----|------|---------|------|-------|------|------|
|   | Mar.         | Apr. | May | June | July    | Aug. | Sept. | Oct. | Nov. |
| Preparatory work (On-site survey)                 |              |      |     |      |         |      |       |      |      |
| Installation and removal of sand discharging pipe | Installation |      |     |      | Removal |      |       |      |      |
| Embankment sediment removal                       |              |      |     |      |         |      |       |      |      |
| Barge transportation                              |              |      |     |      |         |      |       |      |      |
| Sand lifting and unloading                        |              |      |     |      |         |      |       |      |      |
| Casting of spread sand and sand pile              |              |      |     |      |         |      |       |      |      |

## 2. Work Area

|   |                                  |                            |          |
|---|----------------------------------|----------------------------|----------|
| Basepoint   | Kobe No. 6 Breakwater Lighthouse |                            |          |
|   | 34-40-14.2N 135-14-43.1E         |                            |          |
| Location  | Point                            | Azimuth                    | Distance |
| Construction site of ancillary facilities   | Point A                          | From basepoint 89° 15' 00" | 910 m    |
|   | Point B                          | From point A 56° 23' 00"   | 300 m    |
|   | Point C                          | From point B 82° 31' 00"   | 310 m    |
|   | Point D                          | From point C 150° 38' 00"  | 1,150m   |
|   | Point E                          | From point D 60° 40' 00"   | 390 m    |
|   | Point F                          | From point E 82° 31' 00"   | 230 m    |
|   | Point G                          | From point F 172° 31' 00"  | 350 m    |
|   | Point H                          | From point G 240° 29' 00"  | 1,050m   |
| Barge unloader allocations  | Point I                          | From point H 82° 31' 00"   | 310 m    |
|   | Point J                          | From point I 352° 34' 00"  | 160 m    |
|   | Point K                          | From point J 82° 34' 00"   | 1,380m   |
|   | Point L                          | From point K 172° 34' 00"  | 160 m    |
| The work will be conducted in the sea area surrounded by the lines connecting the above points in sequence. |                                  |                            |          |

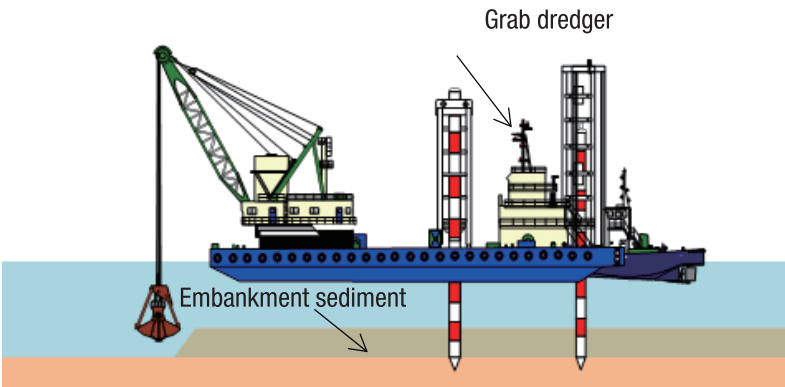


## 3. Work Overview

Embankment sediment removal

A grab dredger will be used for embankment sediment removal after marine ground improvements.

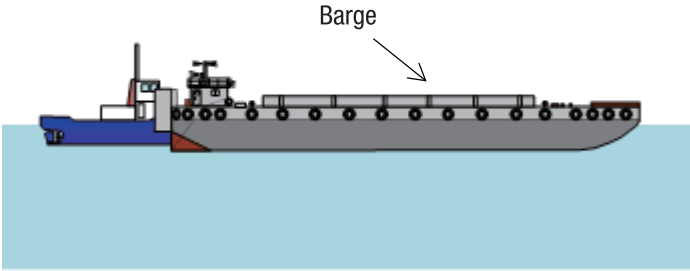
Work period: Mid-April though mid-July



Barge transportation

A barge will be used for embankment sediment transportation to a barge unloader.

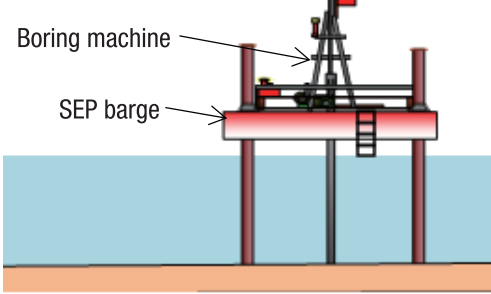
Work period: Mid-April though mid-July



Preparatory work (On-site survey)

A boring survey will be conducted on a self-elevating platform (SEP) barge.

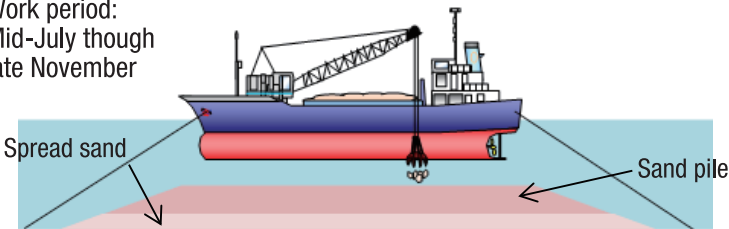
Work period: Mid-May through late May



Casting of spread sand and sand pile

A grab dredger will be used to transport and cast overlaying sand and sand piles.

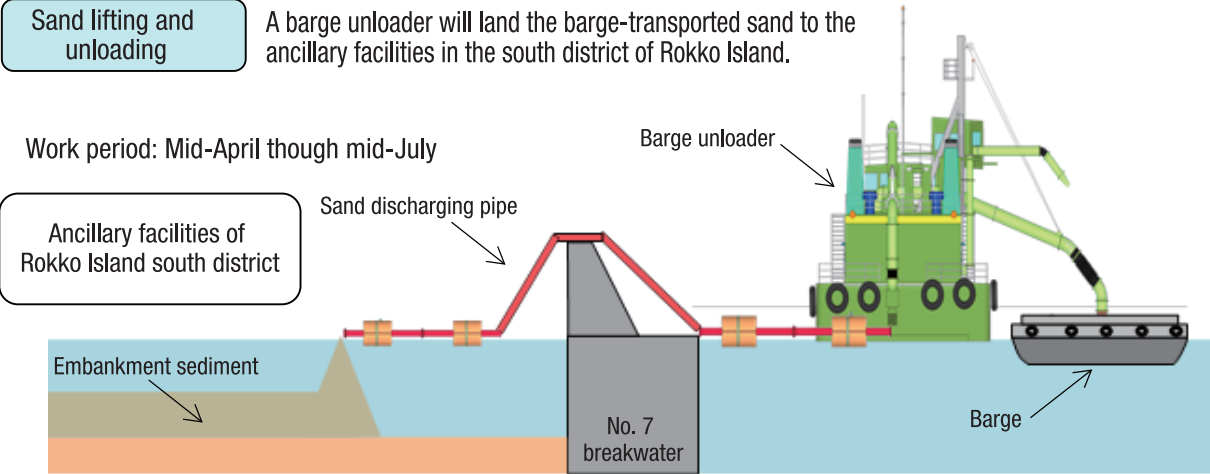
Work period: Mid-July though late November



Sand lifting and unloading

A barge unloader will land the barge-transported sand to the ancillary facilities in the south district of Rokko Island.

Work period: Mid-April though mid-July



## 4. Safety Measures

- Each workboat will display a light and object specified by the Act for Preventing Collisions at Sea along with the flag representing the Joint Venture (1).
- The grab barge that will transport materials will hoist the destination flag (2).
- During diving work, the barge will hoist a signal plate of International Flag A (3) in accordance with the Prevention of Collision at Sea Act.
- The watch boats, as described above, will be allocated around the work area during work. Each watch boat will hoist a warning flag (4) to provide information to vessels passing nearby, draw their attention, and work on the maintenance of marine traffic safety.
- For details of this work, scan the QR code upper on the right-hand side.



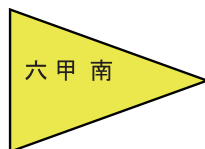
1) Workboat flag (Section 1 and 3)



3) International signal flag A



1) Workboat flag (Section 2)



2) Destination indication flag



警戒中

WARNING

4) Watch boat flag