

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

Constructor: Toa and Fudo Tetra 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 types of work will be carried out in the Kobe area Section 6 of Hanshin Port: **1) Foundation work, 2) Armor coating and foot protection work, and 3) Backfilling, backing, and miscellaneous work.** A grab barge and floating crane will move in and out of the work area for the construction work. The safety measures specified below are taken during the construction work period. However, all vessels passing nearby are requested to give a wide berth and navigate with caution.

## 1. Work period and time

Work period: From May 10, 2022 through

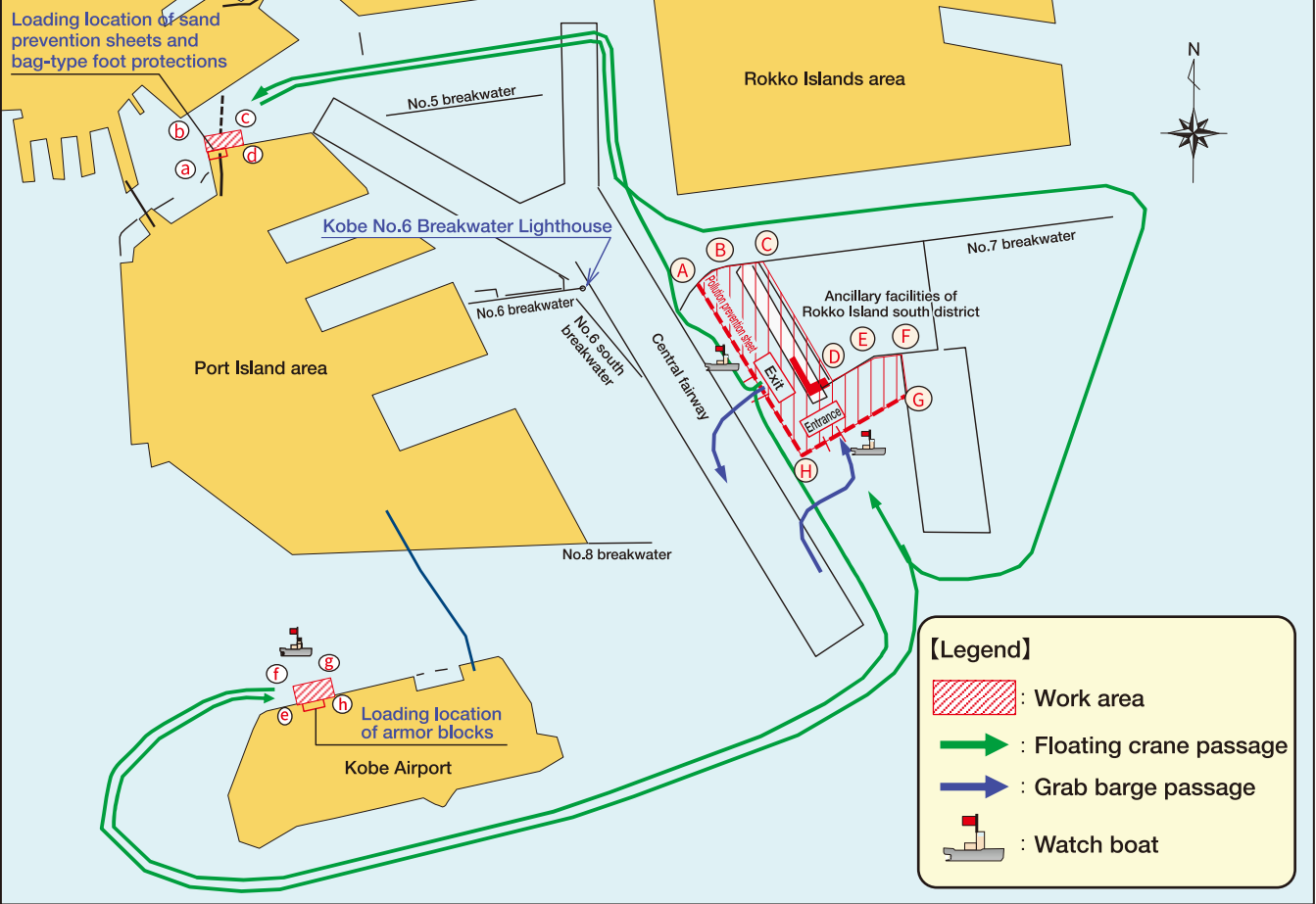
February 28, 2023.

Work time: From sunrise to sunset.

## 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"	1,150 m
	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"	1,050 m
Loading location of sand prevention sheets and bag-type foot protections	Point a	From basepoint 289° 6' 03"	3,463 m
	Point b	From point a 349° 0' 52"	150 m
	Point c	From point b 79° 0' 52"	380 m
	Point d	From point c 169° 0' 52"	150 m
Loading location of armor blocks	Point e	From basepoint 215° 41' 11"	4,330 m
	Point f	From point e 346° 44' 54"	150 m
	Point g	From point f 76° 44' 54"	300 m
	Point h	From point g 166° 44' 54"	150 m

The work will be conducted in the sea area surrounded by the lines connecting the above points in sequence.



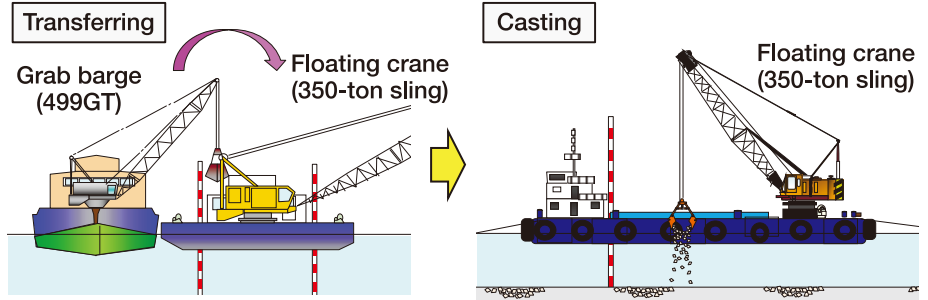
## 3. Work overview

### Rubble casting (transfer and casting)

Foundation work (deposition of foundation rubble/gravel), armor coating and foot protection work (armor block deposition), back filling and backing (deposition of back filling materials)

Work period: Early May, 2022 through mid-February, 2023

A grab barge will transport foundation rubble, and the floating crane will cast the foundation rubble.

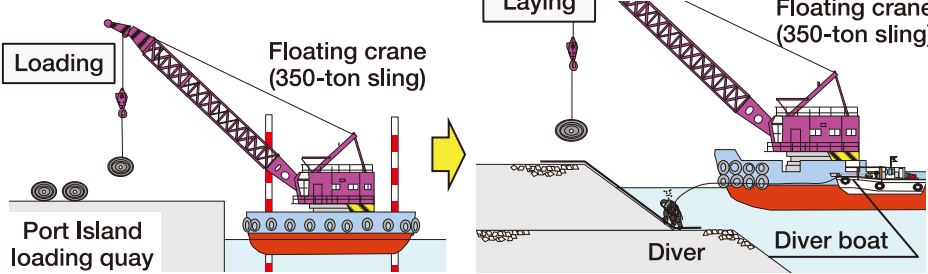


### Installation of sand prevention sheet

Backfilling and backing (sand prevention sheet installation)

Work period: Early January through late January, 2023

A sand prevention sheet will be loaded onto a floating crane, transported to the work area, and then laid underwater.

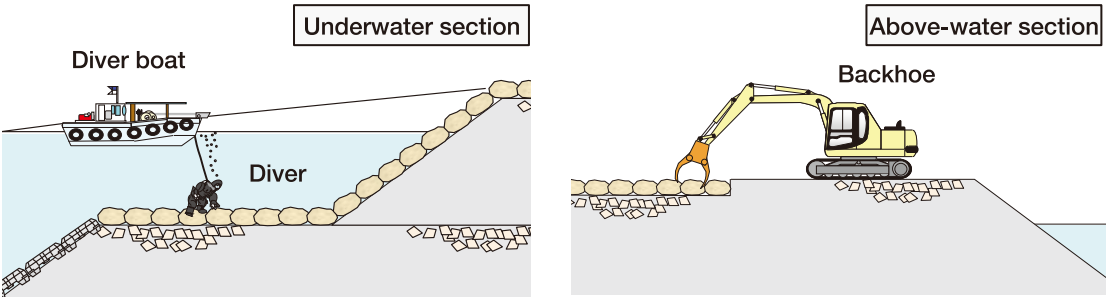


### Leveling of foundation rubble and armor block

Foundation work (foundation rubble leveling)  
Armor coating and foot protection work (armor coating leveling)

Work period: Mid-July, 2022 through early February, 2023

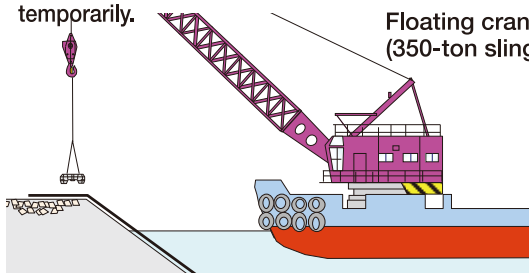
In the underwater section, a diver will level the stones thrown in. In the above-water section, a backhoe is used to level the stones.



### Temporary placement of armor blocks

Miscellaneous work (temporary placement of armor blocks)

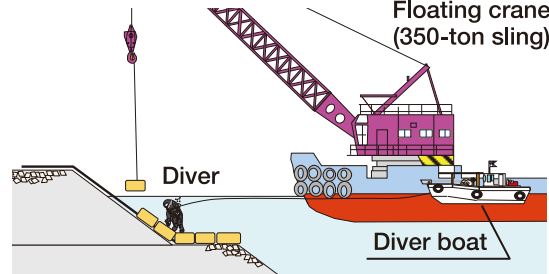
Work period: Late January through mid-February, 2023  
Armor blocks will be loaded onto a floating crane, transported to the work area, and then placed temporarily.



### Installation of bag-type foot protections

Miscellaneous work (bag-type foot protection installation)

Work period: Mid-February through late February, 2023  
Bag-type foot protections will be loaded onto a floating crane, transported to the work area, and then installed.

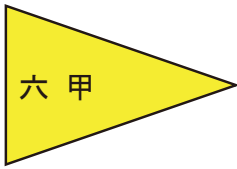


## 4. Safety Measures

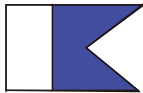
- (1) Each workboat will display a light and object specified by the Act for Preventing Collisions at Sea along with the flag (1) representing the Joint Venture.
- (2) The grab barge that will transport materials will hoist the destination flag (2).
- (3) During diving work, the barge will hoist a signal plate of International Flag A (3) in accordance with the Prevention of Collision at Sea Act.
- (4) 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 attention, and work on the maintenance of marine traffic safety.
- (5) For details of this work, scan the QR code upper on the right-hand side.



① Workboat flag



② Destination flag



③ International signal flag A



④ Watch boat flag