

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

Contractor: Toyo, Mirai, and Yorigami 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 and backing**. 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

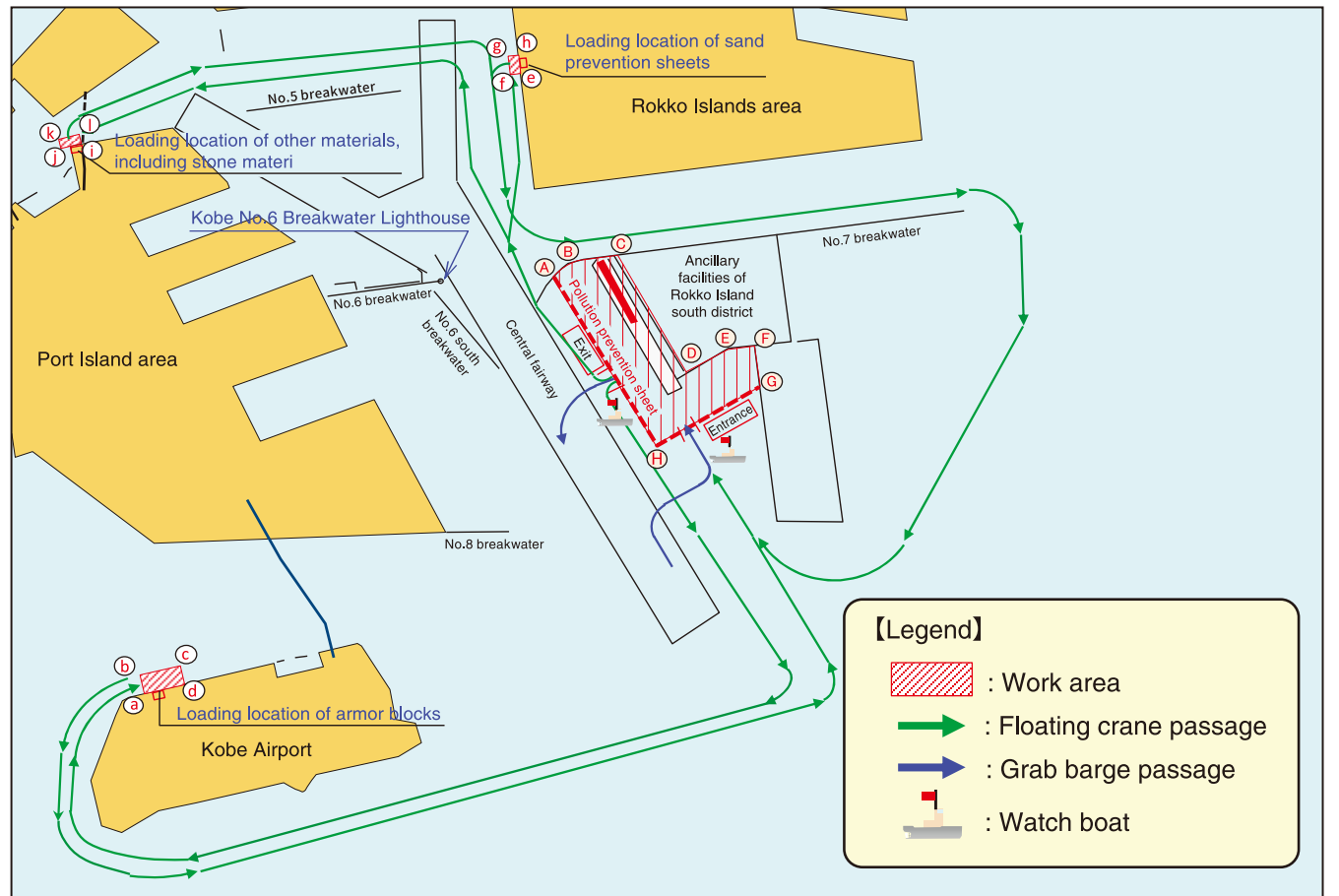
Work period: From August 9, 2021 through February 28, 2022.
 Work time: From sunrise to sunset.

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"	910m
	Point B	From point A 56° 23' 00"	300m
	Point C	From point B 82° 31' 00"	310m
	Point D	From point C 150° 38' 00"	1,150m
	Point E	From point D 60° 40' 00"	390m
	Point F	From point E 82° 31' 00"	230m
	Point G	From point F 172° 31' 00"	350m
	Point H	From point G 240° 29' 00"	1,050m
Loading location of armor blocks	Point a	From basepoint 216° 55' 14"	4,358m
	Point b	From point a 346° 44' 54"	150m
	Point c	From point b 76° 44' 54"	400m
	Point d	From point c 166° 44' 54"	150m
Loading location of sand prevention sheets	Point e	From basepoint 20° 9' 47"	1,907m
	Point f	From point e 261° 58' 15"	100m
	Point g	From point f 351° 58' 15"	165m
	Point h	From point g 81° 58' 15"	100m
Loading location of other materials, including stone material	Point i	From basepoint 291° 46' 20"	3,200m
	Point j	From point i 259° 11' 40"	300m
	Point k	From point j 349° 11' 40"	50m
	Point l	From point k 79° 11' 40"	300m

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

Type of work	2021					2022	
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
Foundation work (deposition of foundation rubble)	[Bar]						
Foundation work (rough leveling)					[Bar]		
Backfilling and backing (deposition of gravel)					[Bar]		
Backfilling and backing (installation of sand prevention sheet)					[Bar]		
Backfilling and backing (deposition of backfilling material)					[Bar]		
Armor coating and foot protection work (armor block installation)						[Bar]	



3. Work overview

Rubble casting

Foundation work (deposition of foundation rubble)
 Backfilling and backing (deposition of gravel and backfilling material)
Work period: Early August through late November 2021
 A grab barge and floating crane will transport foundation rubble, and the floating crane will cast the foundation rubble.

Rough leveling of foundation rubble

Foundation work (rough leveling of foundation rubble)
Work period: Early December 2021 through late January 2022
 The slope of the cast rubble will be leveled by a diver.

Installation of sand prevention sheet

Backfilling and backing (installation of sand prevention sheet)
Work period: Early December through late December 2021
 A sand prevention sheet will be loaded onto a floating crane at a Rokko Island pier, transported to the work area, and then laid underwater by a diver.

Installation of armor block

Armor coating and foot protection work (armor block installation)
Work period: Mid-January through late February 2022
 Armor blocks will be loaded onto a floating crane at Kobe Airport, transported to the construction worksite, and placed.

4. Safety Measures

- 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.
- The grab barge and the floating crane 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 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.

