

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

Contractor: Toa-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 types of work will be carried out in the Kobe area Section 6 of Hanshin Port: **Armor coating and foot protection, main work, and backfilling and backing operations.** Workboats 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

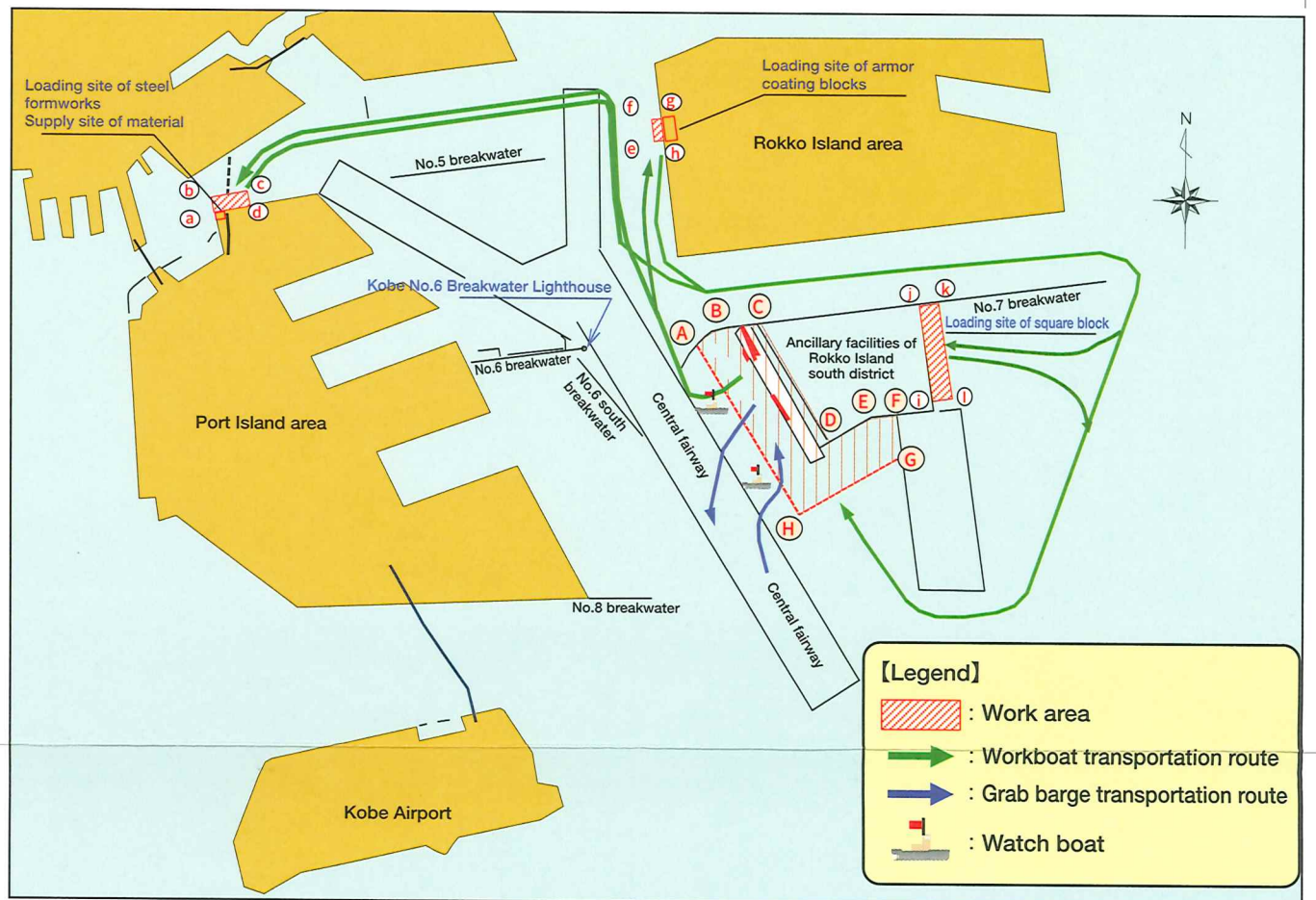
Work period: From April 26, 2024 through March 24, 2025.
 Work time: From sunrise to sunset.

Type of work	2024							2025		
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Armor coating and foot protection (Armor block installation)										
Backfilling and backing (Backing material disposition)										
Backfilling and backing (Backfilling material disposition)										
Main work (temporary placement of square blocks)										
Main work (Leak-proof sheet installation through to formwork assembly)										
Main work (Concrete placement)										

2. Work area

Basepoint	Kobe No. 6 Breakwater Lighthouse 34°-40'-14.2" N 135°-14'-43.1" E		
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 site of steel formworks Supply site of material	Point a	From basepoint 289° 6' 03"	3,463m
	Point b	From point a 349° 0' 52"	150m
	Point c	From point b 79° 0' 52"	380m
	Point d	From point c 169° 0' 52"	150m
Loading site of armor coating blocks	Point e	From basepoint 12° 45' 54"	2,017m
	Point f	From point e 351° 39' 44"	110m
	Point g	From point f 81° 39' 44"	150m
	Point h	From point g 171° 39' 44"	110m
Loading site of square block	Point i	From basepoint 96° 30' 12"	3,053m
	Point j	From point i 351° 42' 43"	850m
	Point k	From point j 81° 42' 43"	150m
	Point l	From point k 171° 42' 43"	850m

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

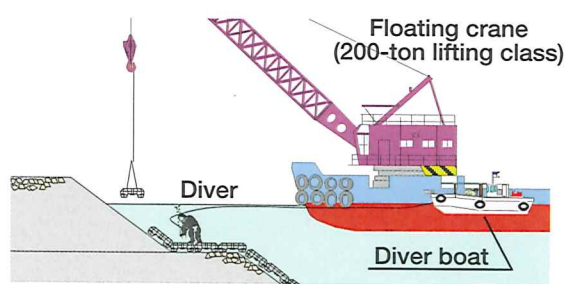


3. Work overview

Armor coating block installation

Armor coating and foot protection

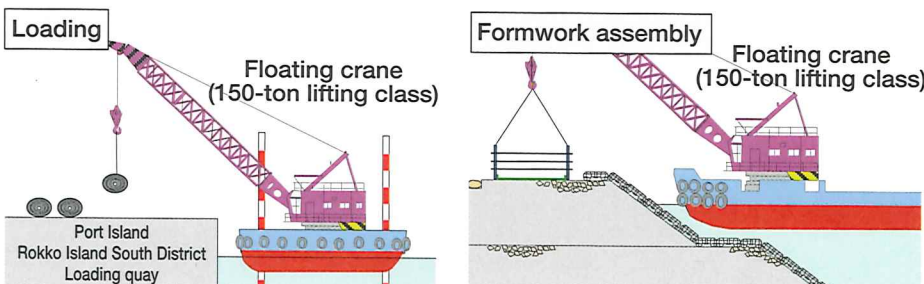
Construction period: Mid-June 2024 - Early March 2025
 A floating crane will load and transport armor coating blocks to the work site and install them.



Leak-proof sheet installation through to Installation of square blocks and formworks

Main work

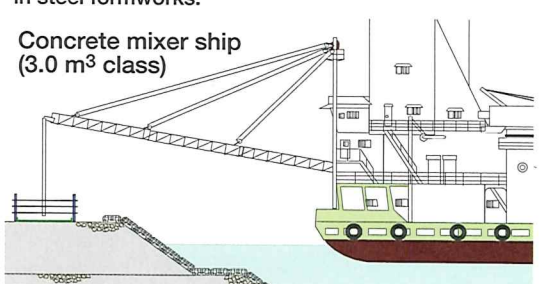
Construction period: Late July 2024 - Mid-February 2025
 A floating crane will load and transport leak-proof sheets, square blocks, and steel formworks to the work site and spread, install, and assemble them.



Concrete placement

Main work

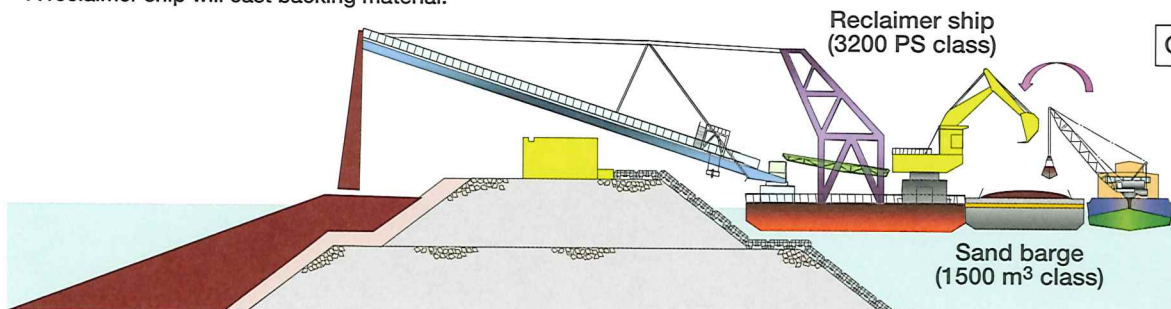
Construction period: Early August 2024 - Mid-February 2025
 A concrete mixer ship will place concrete in steel formworks.



Backing material disposition

Backfilling and backing

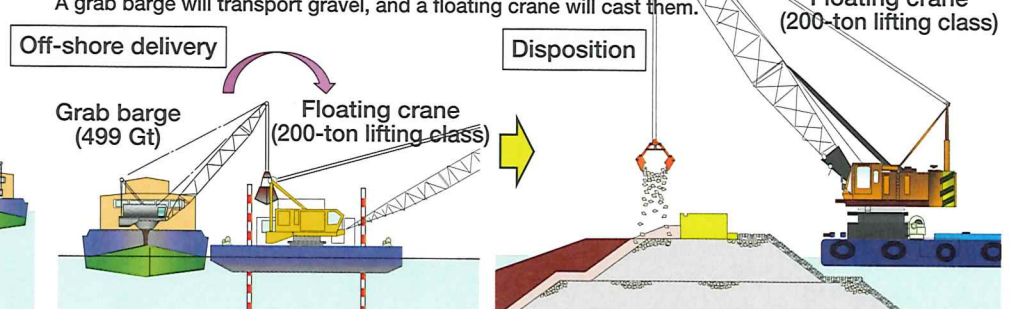
Construction period: Mid-June 2024 - Early August 2024
 A reclaimer ship will cast backing material.



Backfilling material disposition (off-shore delivery and disposition)

Backfilling and backing

Construction period: Mid-February 2025 - Early March 2025
 A grab barge will transport gravel, and a floating crane will cast them.



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 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.



① Workboat flag



② Destination flag



③ International signal flag A



④ Watch boat flag