

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.

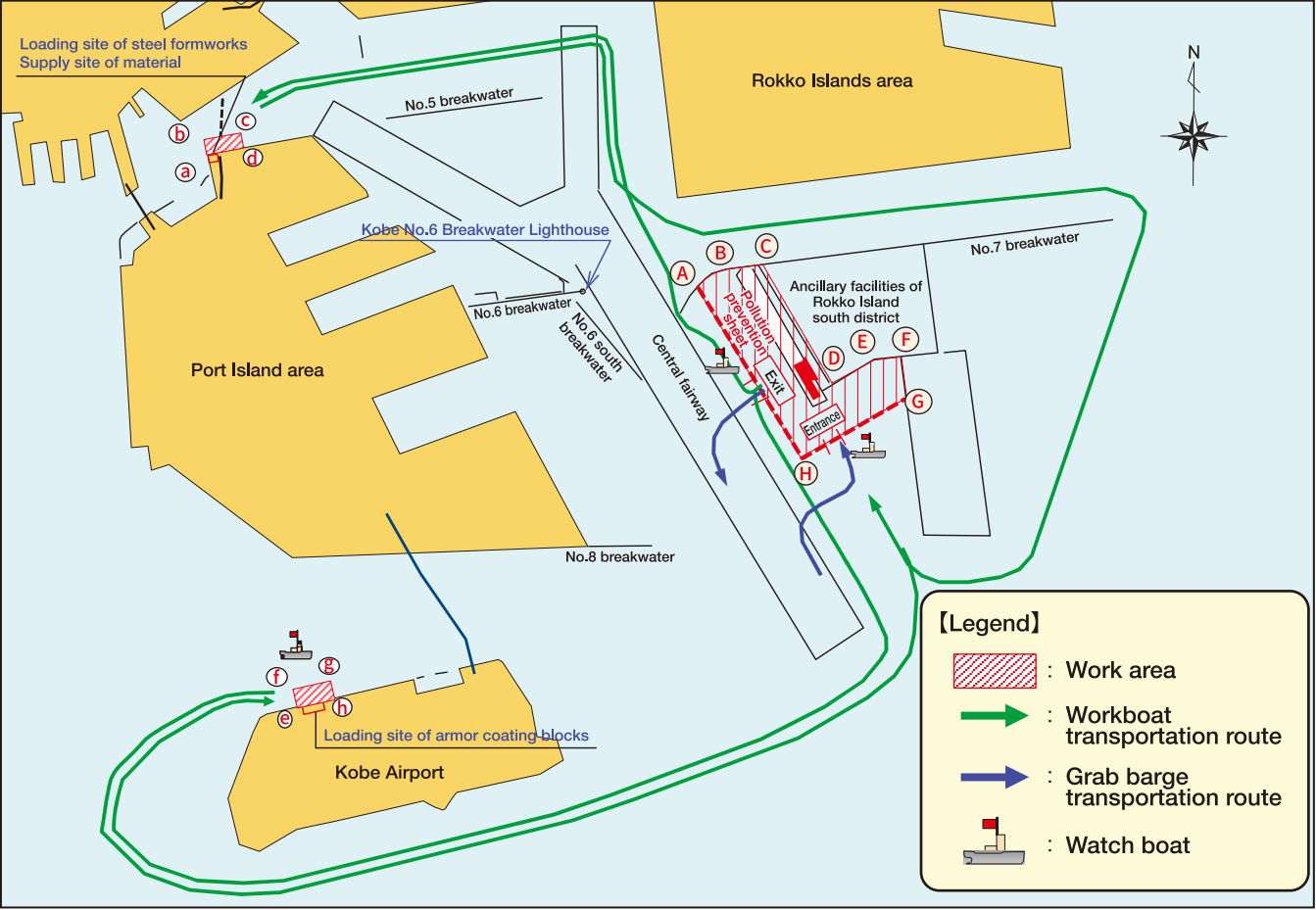
1. Work period and time

Work period: From June 19, 2023
through March 8, 2024.
Work time: From sunrise to sunset.

Type of work	2023							2024		
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Backfilling and backing (Backfilling material disposition)										
Backfilling and backing (Backing material disposition)										
Armor coating and foot protection (Armor block installation)										
Main work (Leak-proof sheet installation through to formwork assembly)										
Main work (Concrete placement)										

2. Work area

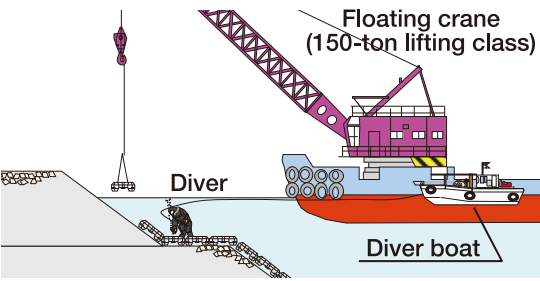
Basepoint	Kobe No. 6 Breakwater Lighthouse 34°-40'-14.2" N 135°-14'-43.1" E		
Location	Point	Azimuth	Distance
Construction site of ancillary facilities	Point A	From basepoint 89° 15' 00"	910 m
	Point B	From point A 56° 23' 00"	300 m
	Point C	From point B 82° 31' 00"	310 m
	Point D	From point C 150° 38' 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 site of steel formworks Supply site of material	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 site of armor coating 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

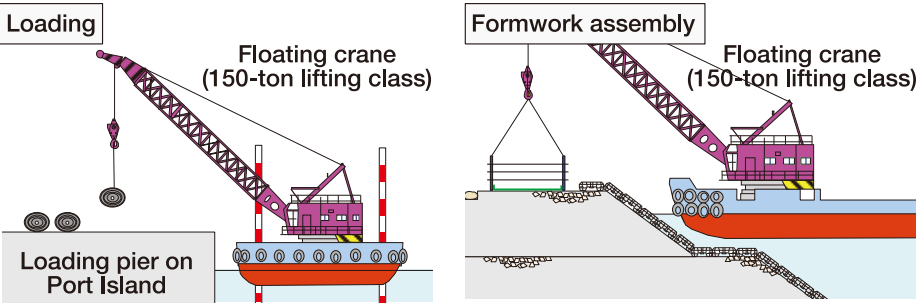
Armor coating block installation Armor coating and foot protection

Construction period: Mid-June through late September 2023
A floating crane will load and transport armor coating blocks to the work site and install them.



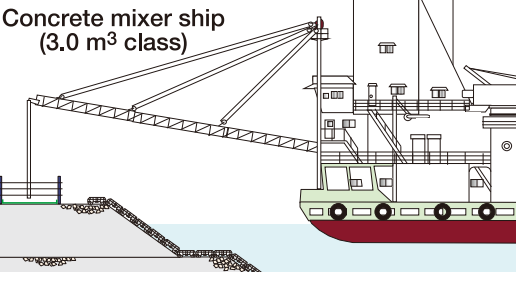
Leak-proof sheet installation through to formwork assembly Main work

Construction period: Early July 2023 to late January 2024
A floating crane will load and transport leak-proof sheets and steel formworks to the work site and spread and assemble them.



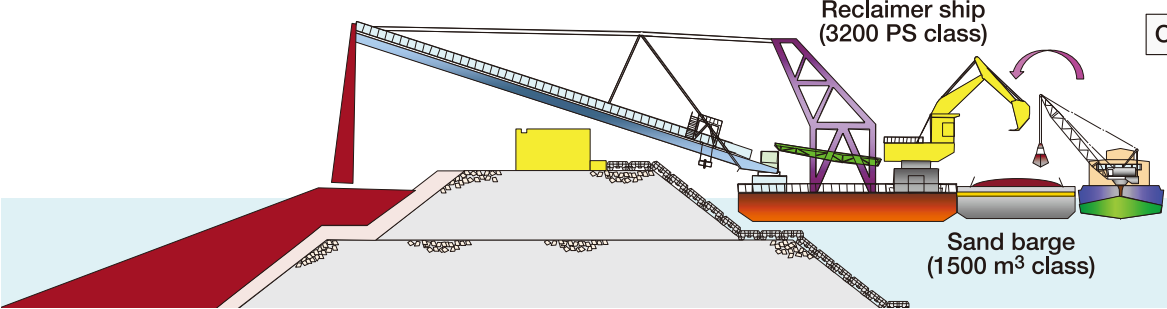
Concrete placement Main work

Construction period: Early July 2023 through late January 2024
A concrete mixer ship will place concrete in steel formworks.



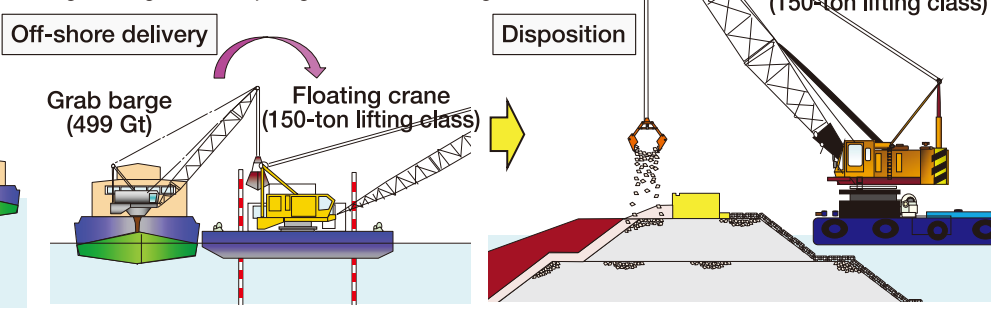
Backing material disposition Backfilling and backing

Construction period: Late September 2023 through early March 2024
A reclaimer ship will cast backing material.



Backfilling material disposition (off-shore delivery and disposition) Backfilling and backing

Construction period: Mid-January through mid-February 2024
A grab barge will transport gravel, and a floating crane will cast them.

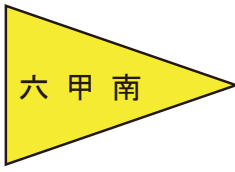


4. Safety Measures

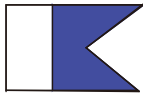
- Each workboat will display a light and object specified by the Act for Preventing Collisions at Sea along with the flag ① representing the Joint Venture.
- The grab barge that will transport materials will hoist the destination flag ②.
- During diving work, the barge will hoist a signal plate of International 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