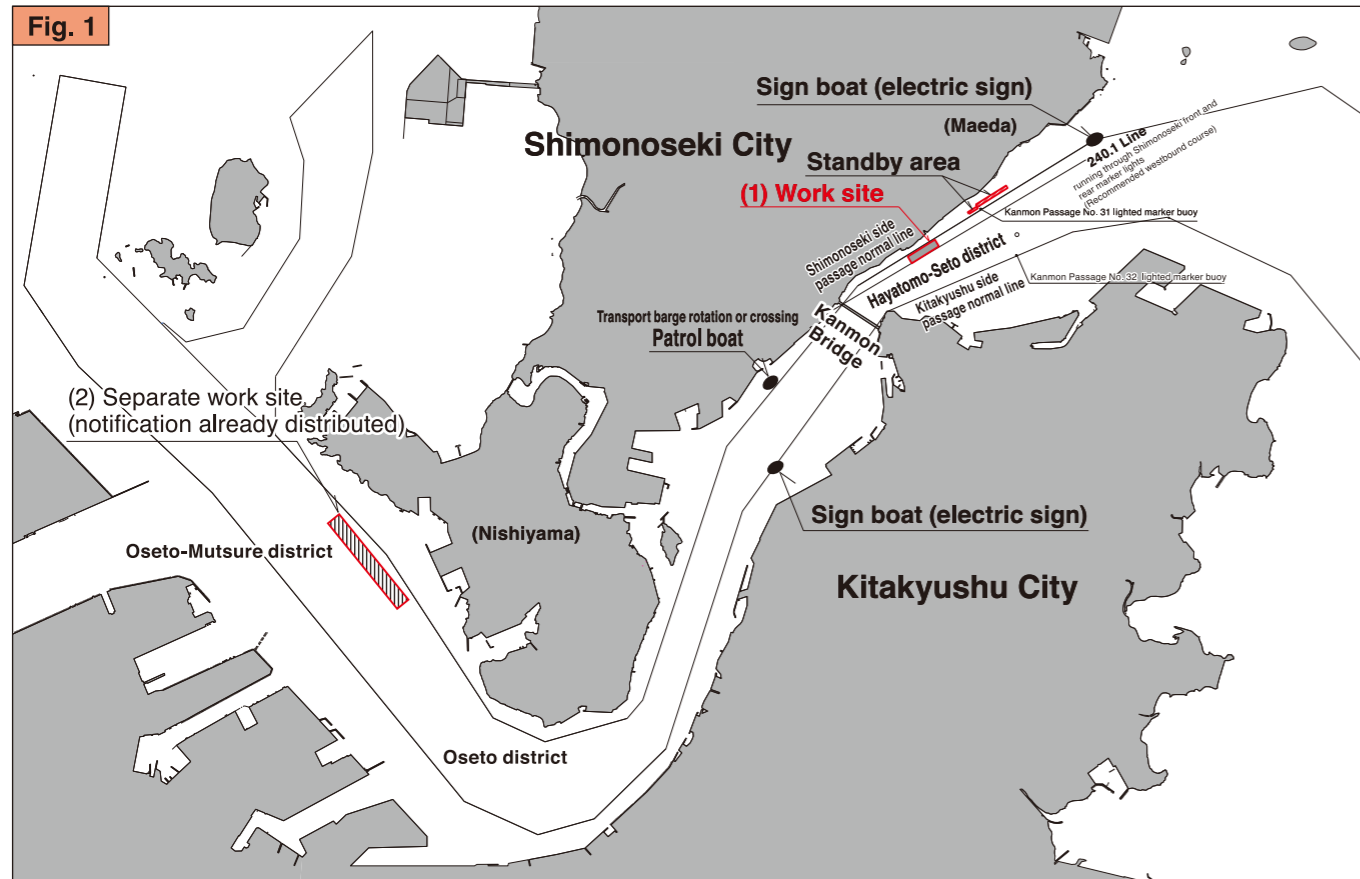


Notice about Dredging Work in Kanmon Passage (Hayatomo Seto District and Maeda offshore)

Diving survey and dredging will be implemented in the Kanmon Passage (Hayatomo Seto District and Maeda offshore) as follows.

Vessels navigating in nearby sea areas are requested to exercise due caution.

Kyushu Regional Development Bureau, Kanmon Passage Dept., Tel: 093-512-8098
 Kanmon Passage Dept., Work Management Team Fax: 093-512-8106
 This PDF can be downloaded from the following URL:
<http://www.pa.qsr.mlit.go.jp/kanmon>



Workboats will move to a standby zone in the following cases. Notify the Support Office (below) in advance of (1) vessel name, (2) total length, and (3) estimated time of transit.
 * During diving survey: Two vessels of 160 m or longer but less than 280 m travelling in opposite directions, or any vessel of 280 m or longer.
 * During dredging: Two vessels of 160 m or longer but less than 320 m travelling in opposite directions, or any vessel of 320 m or longer.

1. Work Periods

District name	Type	Type of work boat	Number of boats	Scheduled periods *1	Work time	Safety
Hayatomo Seto District (Maeda offshore)	Diving survey	Diver support boat	Max. 16	Late Sep. 2017 to late Oct. 2017	Sunrise to sunset (*2)	Patrol boats: 4 Sign boat: 2
	Grab dredging work (inc. rock crushing)	Spad-type grab dredge	Max. 1	Late Oct. 2017 to late Mar. 2018		Patrol boats: 3 max. Sign boat: 2

*1 The scheduled dredging and survey work periods partially overlap, but will not be performed simultaneously.

*2 Diving survey will only be performed when the Shimonosaki tidal current signal shows a current of 4 knots max (2 knots max onsite).

Dredging will only be performed when the Shimonosaki tidal current signal shows a current of 6 knots max (4 knots max onsite).

Note that the current signal is only for reference, and work may continue as long as onsite current is below threshold, so passing vessels should exercise caution.

2. Outline of Work

2-1 Diving survey (Figs. 1, 3, 5)

1) A maximum of 16 diver support boats, one diver each, will move while performing magnetic sensor survey.

2-2 Dredging (Figs. 1, 2, 4, 6)

1) A maximum of 3 spad-type grab dredges equipped with onboard rock crushers will crush ocean floor rock, and remove it from the worksite.

2) **When not in use, the dredge will be anchored in a stand-by site, and illuminated with indirect lighting at night.**

3. Safety Measures

3-1 Diving survey (Figs. 3, 5, 7)

1) On the diver support boats, international signal flag A will be flown to clearly show that the diving survey is being conducted.

2) During diving survey work, four patrol boats showing warning signs (green-yellow-green streamers) will mark the area.

3) To maximize open passage width, diver support boats will be positioned roughly parallel to the Shimonosaki side passage normal line.

4) During diving survey work barrel buoys will be placed at the four corners to mark the area.

3-2 Dredging (Figs. 1, 2, 4, 6, 7)

1) The dredge will put up lights and shapes as specified in the Regulations for Preventing Collisions at Sea for safety.

2) Two patrol boats showing warning signs (green-yellow-green streamers) will mark the area when dredging is under way. One patrol boat will also be deployed to the area near Shimonosaki Honko Port (Hana-no-chou Wharf), where transport barges rotate before crossing the passage.

3) To maximize open passage width, the dredge will be positioned roughly parallel to the Shimonosaki side passage normal line.

4. Instructions to vessels operating in the area

1) When navigating the Kanmon Passage, vessels equipped with VHF systems are requested to constantly monitor international VHF channel 16 and act accordingly.

2) Vessels equipped with AIS are requested to utilize it.

3) Vessels navigating near the diving or dredging work areas are asked to decelerate while still assuring safe ship operation.

4) **Do not overtake other vessels in the regions to the work area from Mojisaki.**

5) **When work is under way sign boats will be deployed for safety (Figs. 1, 8).**

6) **Vessels of 10,000 GT or more are requested to avoid passing other vessels in the passage, if possible.**

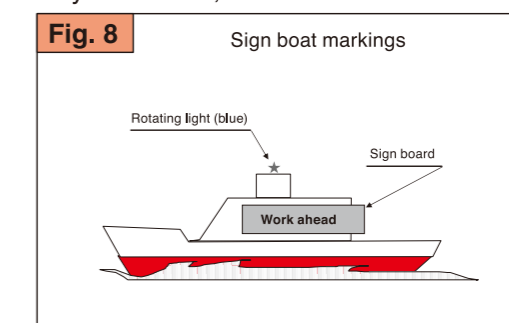
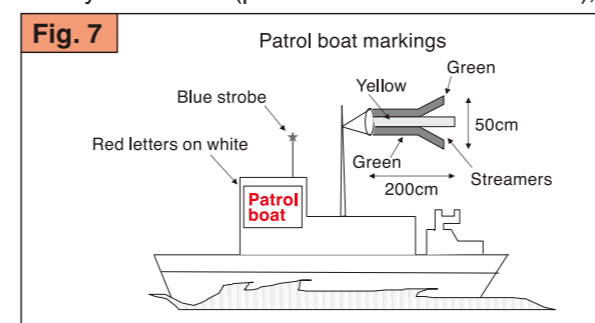
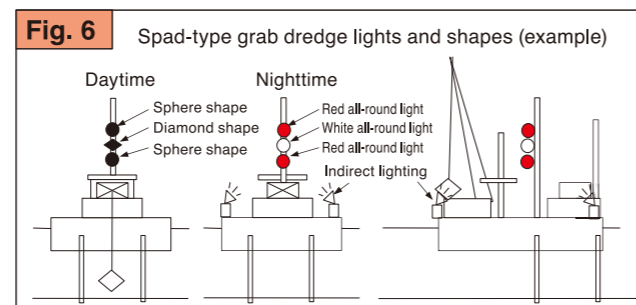
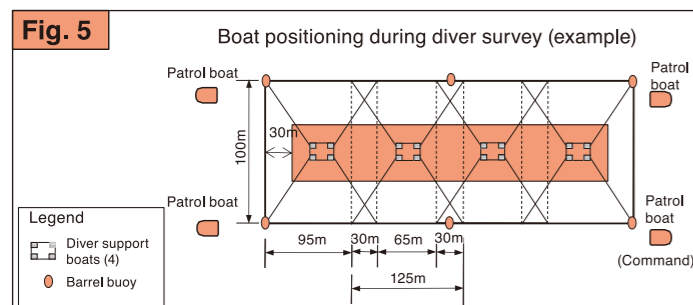
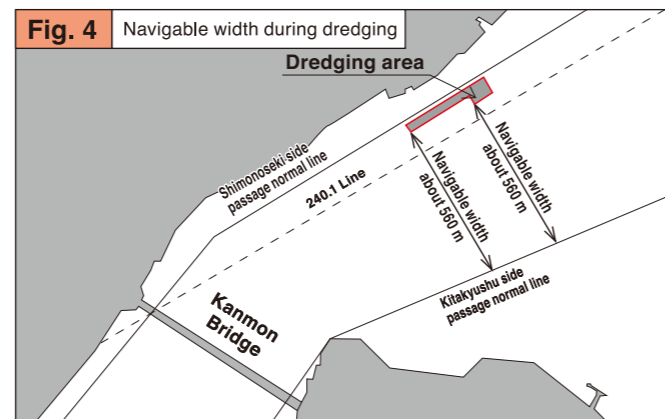
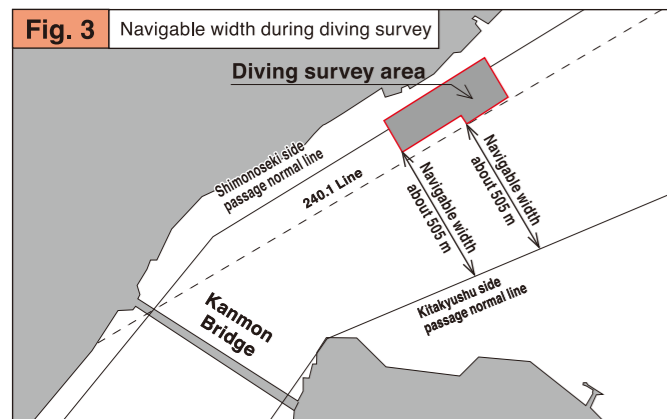
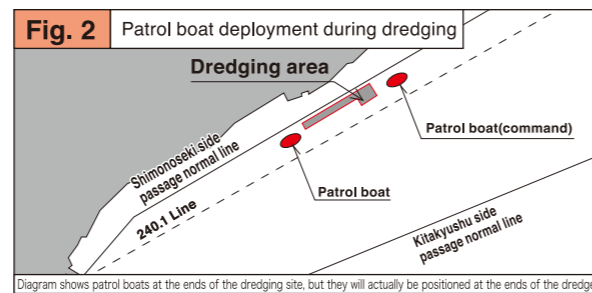
5. Provision of information

Work information is available from the office shown at left. Inquiries should be in Japanese as much as possible.

Weekly schedules (posted one week in advance), and daily schedules, will be available on the website shown below.

District name	FY2017						FY2018			
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
(1) Maeda offshore										
(2) Nishiyama offshore										

Work will be underway at Maeda and Nishiyama sites simultaneously
 Notification already distributed



Kanmon Passage Support Operations Office For information on work and navigation in the work area
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 Tel: 083-222-1334 Web: <http://www.seikaibo.ecweb.jp/kanmon/>