

Pub.302 sup.

Sailing Directions for Northwest Coast of Honshu

Supplement No.6

27 March 2026



Japan Coast Guard

Explanatory Notes

Sailing Directions for Northwest Coast of Honshu - Supplement No.6 is issued to correct the outdated information in Publication No.302 Sailing Directions for Northwest Coast of Honshu which was published in March 2023.

This supplement contains the information which has been gathered through the work of Hydrographic and Oceanographic Department, Japan Coast Guard by 21 November 2025.

The instructions for amending, deleting or adding of the previous issues are indicated in this supplement. This supplement also contains an index to be referred to the pages on which they are mentioned. The index is listed in numerical order, along with the titles of the ports or articles. Amendments are indicated in red letter on grey background while deletions are marked with strikethrough, in red letter on grey background. Chart images, tables or pictures to be deleted, replaced or added are instructed in [square brackets].

Each sheet of the supplements is excerpted from the relevant issue of the Sailing Directions so that the page number printed in the supplement is corresponding to the original page number. In case that a sheet had spanned multiple pages by adding large volume of text or image, sub-number is given to the page number.

27 March 2026

Hydrographic and Oceanographic Department,
Japan Coast Guard

CAUTION

The Sailing Directions are for use in conjunction with the relevant charts and other publications including List of Aids to Navigation. The Sailing Directions are updated by the supplements until the next edition is issued.

Updated information affecting safe navigation provided by Japan Coast Guard (JCG) is published in Notices to Mariners and related publications. Mariners are required to check them for the updates.

In the interest of the ensuring safety of navigation and protecting the marine environment, JCG makes every endeavor to include in its publications, charts, Notices to Mariners (NTMs) and Navigational Warnings (NWs) details of the laws, regulations and proclamations of other countries, the charts, publications, NTMs, and NWs published by other countries as well as the reports from mariners.

JCG's intention to use those information is solely for the purpose of providing information for safe navigation. The contents included in the publications do not reflect the Japanese Government's official stance regarding the laws, regulations, and proclamations of other countries.

Page	Updated parts (title, port name, etc.)	Remarks
' RECORD OF CHANGES '		
7	Weather Information	The said page of supplement No.3 is cancelled.
12	Aids to Navigation	The said page of supplement No.5 is cancelled.
14	Pilot Associations	The said page of supplement No.3 is cancelled.
27	Information available on the JCG's website	
95	Tsuruga Ko	The said page of supplement No.3 is cancelled.
96	Tsuruga Ko	
101	Kanazawa Ko	The said page of supplement No.5 is cancelled.
107	Nanao Ko	The said page of supplement No.5 is cancelled.
141	Akita-Funagawa Ko, Akita Ku	The said page of supplement No.5 is cancelled.

RECORD OF CHANGES

Supplement No.	Publication date	Correction made	
		Date	Name
Supplement No.1	29 September 2023		
Supplement No.2	23 February 2024		
Supplement No.3	27 September 2024		
Supplement No.4	28 February 2025		
Supplement No.5	31 October 2025		
Supplement No.6	27 March 2026		
Supplement No.7			
Supplement No.8			
Supplement No.9			
Supplement No.10			
Supplement No.11			
Supplement No.12			
Supplement No.13			
Supplement No.14			
Supplement No.15			
Supplement No.16			
Supplement No.17			
Supplement No.18			
Supplement No.19			
Supplement No.20			

* This volume is continuously revised with an interval of about 7 or 8 years.

Supplements are available on the website:

URL https://www1.kaiho.mlit.go.jp/TUHO/shoshi/tsuiho/supplement_en.html

Graphical information.

Weather charts created by the Japan Meteorological Agency are broadcast by the agency's meteorological facsimile service (JMH).

Call sign	Class of emission	Frequency (kHz)
JMH	F3C	3622.5
JMH2		7795
JMH4		13988.5

Other information services can be obtained through NHK radio 2 broadcasting, and the facsimile broadcasting by Kyodo News.

Marine Weather Information Service. Local meteorological and oceanographic condition such as wind direction and speed, atmospheric pressure and wave height have been observed at 132 major navigation sites all over the nation. The most updated information obtained at those sites is available via phone and also posted on the internet for ensuring the safety of the navigation and marine leisure, e.g., pleasure boating and fishing, in the coastal area. The list of the observation sites and reference of traffic signs can be referred in *Vol. 1 List of Aids to Navigation* in Publication No.411.

~~Weather offices.— Weather offices for the areas covered by this volume are as follows.~~

Weather information offices. Weather information offices of the JMA for the areas covered by this volume are as follows:

[Replaced by new table]

Headquarters (Phone number)	Remarks
Sapporo Regional Headquarters (+81-11-676-5025)	Automated voice guidance (in Japanese)
Sendai Regional Headquarters (+81-22-290-5320)	
JMA Headquarters (+81-3-5422-1018)	
Osaka Regional Headquarters (+81-6-6949-1300)	
Fukuoka Regional Headquarters (+81-92-401-0950)	

general vessels.

Passages prescribed by the Port Regulations Law. These passages are used by vessels entering or leaving the ports applied Port Regulations Law, namely, Sakai Ko, Maizuru Ko, Fushiki-Toyama Ko and Aomori Ko.

Signals

Traffic control signals. In Nishi Ku within Niigata Ko, traffic control based on the provision of Port Regulation Law are in force. Traffic control signals are situated for the vessels subject to comply with it.

Aids to Navigation

Outline. Aids to navigation may be temporarily installed, moved or removed in order to maintain or repair the facilities of ports and passages. Mariners should obtain the latest information through the publications including Notices to Mariners, Navigational Warnings and Safety information.

Caution must be exercised as the lighted aids to navigation situated in the ports, harbours or off the coasts may be hardly distinguished due to the lights in the background or fishing lights.

Buoyage System. Japan is included Region B of the buoyage system prescribed by International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA).

Conventional direction of buoyage. Conventional direction of buoyage plays a role in determining port and starboard. Harbour is designated as upstream in open sea adjacent to harbour. The site where vessels staying for cargo loading is designated as upstream inside the harbours.

AIS aids to navigation. AIS aids to navigation transmit radio signals to show the symbols of aids to navigation, which serves as navigation marks, on vessel's display of AIS receiver or radar capable of multi-layered display or Electronic Chart Display and Information System (ECDIS). There are two types of AIS aid to navigation: real aid to navigation which is fitted with the existing aid to navigation and virtual aid to navigation which is shown on the display, but does not exist.

~~In the areas covered by this volume, there is an AIS aid to navigation as follows:~~

Details of the positions of AIS signal stations are given in Publication No. 411, "List of Aids to Navigation, Volume 1."

Name of AIS aid to Navigation	Position	Type	Remarks
Yurihonjo Offing Oceanographic Observatory Facility	39°25.6'N 139°44.4'E	Real	Fitted with Yurihonjo Offing Oceanographic Observatory Facility Mark Light.

Chapter 6 PILOTAGE

Pilotage Areas

Pilotage area is prescribed in Article 33 of the Pilotage Law. The names and the waters included in each pilotage area are prescribed in Article 3 of Cabinet Order for Enforcement of the Pilotage Law.

Pilotage areas within the area covered by this volume are listed below.

Pilotage Areas	Descriptions
Sakai	Sakai Ko
Maizuru	Maizuru Ko
Nanao	Nanao Ko and the approaches
Fushiki	The area S of a line drawn joining Ao Hana (N part of Himi Ko) and Uozu Ko Kita Ku N Breakwater Light.
Niigata	Niigata Ko
Sakata	Sakata Ko
Akita-Funagawa	Akita-Funagawa Ko

	<ul style="list-style-type: none"> · dangerous cargoes are the area within a circle radius of 800m, centred a position 1.8M from Niigata Ko Nishi Ku W Jetty Light (37° 57.5' N 139° 04.1' E). · For vessels entering Higashi Ku within Niigata Ko: <ul style="list-style-type: none"> -Near 005°1.5M from the Niigata Ko Higashi Ku No.2 E Breakwater. - Position around the anchorage for large vessels carrying dangerous cargoes is the area within a circle radius of 800m, centred a position 1.8M from Niigata Ko Higashi Ku W Breakwater Light (38° 01.2' N 139° 13.9' E) on a line bearing 252°. · LNG Ship 290° 1.4M from the tip of the No.2 West Breakwater in the West District of Niigata Port (about 37° 59' N 139° 03' E) 	<ul style="list-style-type: none"> · If an anchored vessel is able to be boarded, the vessel should weigh anchor and prepare for boarding of the pilot by making a lee side. · The pilot boat is equipped with a VHF radio, and is opened about 45 minutes before the designated boarding time. If necessary, the pilot can be called on channel 16 (Niigata Pilot), and communication is usually done on channel 06. There is no port radio station in Niigata Port. · In principle, entry into port is from sunrise to sunset, so-called DAY TIME. · Departure is generally by 2100, taking into consideration the work for the next day. · Operations will be suspended if the following weather and sea conditions are unsuitable for manoeuvring. <ul style="list-style-type: none"> - When there is a strong wind with a wind speed of 15 m/s or more. However, LNG carriers, LPG carriers, and other ships with individual safety standards are subject to those standards. - When visibility is 1,000m or less. - When a tsunami or storm warning has been issued and gusts of wind are expected.
<p>Sakata Pilot Association Phone. +81-234-43-8306 Fax. +81-234-43-8309</p>	<ul style="list-style-type: none"> · For vessels less than 30,000t, position about 1,090m from Sakata Ko S Breakwater Light, on a line bearing 254°. · For vessels 30,000t or more, position about 38° 55.0' N 139° 58.2' E, 3M from Sakata Ko S Breakwater Light (38° 56.2' N 139° 47.6' E), on a line bearing 246°. 	<ul style="list-style-type: none"> · During all seasons, a pilot ladder shall be used and an accommodation ladder shall not be used. · When the winter monsoon is strong and seas are high, vessels should, after weighing anchor, proceed to the vicinity of the pilot boarding point by the scheduled pilot boarding time and rig a pilot ladder at amidships on the leeward side. · Stay clear of the port entrance during the winter as vessels are liable to be swept away by strong winds blowing in that area. Vessels must exercise due caution when anchoring there at night as there is a risk of dragging anchor in strong winds, with a speed of 15m/s or more.
<p>Akita-Funakawa Pilot Association Phone. +81-18-845-3178 Fax. +81-18-845-7661</p>	<ul style="list-style-type: none"> · Akita Ku, position about 39° 48.1' N 139° 57.5' E. · Funagawa Ku, position about 39° 50.7' N 139° 54.0' E. 	<ul style="list-style-type: none"> · Caution is necessary for the fishing nets laid out up to 3M offshore in Akita Ku in the port. · Large ferries transit the port between 0500 and 0930. Vessels are required to comply with the port traffic regulations of Akita-Funakawa Port (Contact: Akita Coast Guard Office). · It is possible to navigate over the three fish havens, which lie in the middle of the Akita Wan, but anchoring is prohibited in the vicinity of them.

Coast station	language used	Class of emission	Frequency	Broadcast time (JST)	Remarks
Shiogama	Japanese / English	F3E	156.8MHz (ch16)	10h 32m 40s 16h 32m 40s	Akita Area
Niigata				10h 15m 00s 16h 15m 00s	
Maizuru				10h 20m 00s 16h 20m 00s	
Moji				10h 02m 40s 16h 02m 40s	

Information available on the JCG's website

· Navigational Warnings, Notices to Mariners, etc. are provided on the following website.

URL for Notices to Mariners https://www1.kaiho.mlit.go.jp/TUHO/tuho/nm_en.html

URL for Navigational Warnings https://www1.kaiho.mlit.go.jp/TUHO/keiho/navarea11_en.html

URL for **Addition to** List of Aids to Navigation (**in Japanese version** only)

https://www1.kaiho.mlit.go.jp/TUHO/shoshi/toudai/e_toudai.html

URL for Supplement to Sailing Directions

https://www1.kaiho.mlit.go.jp/TUHO/shoshi/tsuiho/supplement_en.html

Regional Coast Guard Headquarters and others provide updates on navigational safety information and events and others on the website (**in Japanese version** only)

URL of Regional Coast Guard Headquarters covers by this volume are follows:

	Regional Coast Guard Headquarters	URL
2nd Regional Area	2nd Regional Coast Guard Headquarters	https://www.kaiho.mlit.go.jp/02kanku/
	Hydrographic and Oceanographic Department, 2nd Regional Coast Guard Headquarters	https://www1.kaiho.mlit.go.jp/KAN2/
	Remark: The website of Coast Guard Offices located in the coverage area of 2nd Regional Coast Guard Headquarters, namely Aomori, Akita and Sakata can be accessed through the link page of the 2nd Regional Coast Guard Headquarters' website.	
7th Regional Area	7th Regional Coast Guard Headquarters	https://www.kaiho.mlit.go.jp/07kanku/
	Hydrographic and Oceanographic Department, 7th Regional Coast Guard Headquarters	https://www1.kaiho.mlit.go.jp/KAN7/top.htm
	Remark: The website of Senzaki Coast Guard Offices which is located in the coverage area of 7th Regional Coast Guard Headquarters can be accessed through the link page of the 7th Regional Coast Guard Headquarters' website.	
8th Regional Area	8th Regional Coast Guard Headquarters	https://www.kaiho.mlit.go.jp/08kanku/
	Hydrographic and Oceanographic Department, 8th Regional Coast Guard Headquarters	https://www1.kaiho.mlit.go.jp/KAN8/
	Remark: The website of Coast Guard Offices located in the coverage area of 8th Regional Coast Guard Headquarters, namely, Tsuruga, Maizuru, Sakai and Hamada can be accessed through the link page of the 8th Regional Coast Guard Headquarters' website.	
9th Regional Area	9th Regional Coast Guard Headquarters	https://www.kaiho.mlit.go.jp/09kanku/
	Hydrographic and Oceanographic Department, 9th Regional Coast Guard Headquarters	https://www1.kaiho.mlit.go.jp/KAN9/
	Remark: The website of Coast Guard Offices located in the coverage area of 9th Regional Coast Guard Headquarters, namely, Niigata, Fushiki, Kanazawa and Nanao can be accessed through the link page of the 9th Regional Coast Guard Headquarters' website.	

Port classification. Specified port, open port, quarantine port, immigration port, plant protection port, important port.

Outline. This port lies in the head of Tsuruga Wan, which is situated in the E part of Wakasa Wan. The port is divided into five sections. Mooring facilities are established in Section 1. Section 2 is about 25m in depth, and the bottom in most parts of Section 2 is mud. Section 3 occupies Jogu Wan (35° 41.1' N 136° 02.1' E), and is sheltered from the winds from all directions and affords good holding ground. Urasoko Wan (35° 44.2' N 136° 02.1' E), located in Section 5, affords shelter for small and medium vessels.

Weather and Climate. There are only a few sunny days throughout the year. The monthly average number of sunny days during the winter snow season is only 1. South-easterly winds prevail from spring through autumn. North-westerly winds prevail in winter. N and S winds blow any time of the year as a general tendency. Temperatures rarely go down to -5°C or less owing to the influence of Tsushima Warm Current. The climate in summer is hot and humid.

Tidal streams. The flood sets S and ebb sets N with a speed of 0.2kn or less. However, in the area S of a breakwater lighthouse of Section 1, the flood sets E and ebb sets W with a speed of 0.6kn.

Secondary undulation (Seiche). In this port, secondary undulation with a period of 10 to 65 minutes occurs, which may sometimes reach 0.2m in the difference of the sea level. A fatal accident induced by secondary undulation have occurred in Tsuruga Ko in February 2013.

Landmarks.

Landmark	Position	Remarks
Saiho-ga-Take	35° 42.6' N 136° 00.6' E	A mountain, 764m in height, capped with a blackish rock.
Radio tower	35° 42.3' N 136° 02.5' E	Stands on near Washi Saki.
Tezutsu Yama	35° 39.7' N 136° 04.9' E	A mountain, 171m in height. There is an observatory near the top.
Chimney	35° 40.3' N 136° 04.9' E	A chimney, 263m in height.

Obstruction. Jogu Wan is fringed with foul ground.

Cautions for entering the port. The water depths between the port entrance and the head of the bay are considerably deep, and the passage is clear so that entering the port presents no difficulties by day or at night. Vessels should stay clear of the stationary nets laid in the E and W side of the bay entrance. When entering Urasoko Wan, vessel completely avoid the light buoy (35° 44.0' N 136° 02.6' E) in the entrance of the bay, then proceeds to the middle of bay.

Entry restriction. In order to prevent accidents due to ignition, general vessels are prohibited from entering a sea area within 30m a tanker loading inflammable materials, including a tank ship, mooring in the harbour. Tanker carrying dangerous inflammable materials displays a banner visible at night, reading *Dangerous Inflammable Cargo Aboard*, when moored in the harbour.

Facilities.

Name		Position	Length (Approx. m)	Depth (Approx. m)	Capacity (D/W×vessel)	Remarks
Mariyama North Quay	A	35° 40.5' N 136° 04.5' E	130	7.5 to 12.5	5,000 × 1	
	B		240	12 to 13	30,000 × 1	
	C		240	12 to 14	30,000 × 1	
	D	35° 40.7' N 136° 04.3' E	240	9.5	20,000t × 1	For car ferries.
Mariyama South Quay	A	35° 40.1' N 136° 03.9' E	280	14 to 14.5	50,000 × 1	Crane × 1.
	B	35° 40.1' N 136° 04.1' E	180	13.5 to 14	50,000 × 1	
Kanegasaki Quay	C	35° 39.8' N 136° 04.2' E	170	9 to 9.5	10,000 × 1	
	D		130	7.5	5,000 × 1	
Sakura Quay	E	35° 39.6' N 136° 04.3' E	100	5 to 6	2,000t × 2	
	F		90			
Horai Quay	G	35° 39.6' N 136° 04.1' E	390	5.5 to 6.5	6,000t × 3	
	H					
	I					

Kawasaki · Matsue Quay	A	35° 39.6' N 136° 03.9' E	200	7 to 7.5	10,000t × 1	
	B	35° 39.7' N 136° 03.7' E	370	8.5 to 9.5	15,000t × 2	Crane × 1.
	C					

In addition to the above, there are berths such as Hokuriku Electric Power-Tsuruga Cement Co-quay (capacity of 60,000D/W × 1) on the S side of Mariyama North Quay, and Kanegasaki A and B Quay for Patrol Vessels on the S side of Mariyama South A Quay.

Pilotage. As the Pilotage Law is not applied to Tottori Ko, pilotage is not compulsory but, pilots are available upon request. (Inquiries: Tsuruga Kairiku Unyu Kaisya, Ltd. Phone number: +81-770-22-3111)

Maximum size of vessel handled. Cruise ship *Diamond Princess* (115,875t, with a draught of 8.5m) berthed at Mariyama **South** Quay on **24 September 2025**.

Anchorage. Jogu Wan affords a good anchorage for small vessels, with a depth of about 20m, mud bottom. Urasoko Wan has a depth of about 20m in the middle part of the bay, mud ground, serves as a shelter anchorage for vessels of 500t class except when SE wind blows strongly.

Quarantine anchorage (35° 41.0' N 136° 02.4' E) is designated in the entrance of Jogu Wan. Vessels carrying dangerous cargo must anchor in the quarantine anchorage or section 2 or 4 except for the following areas: within a circle with a radius of 0.6M centered on the tip of the Mariyama Breakwater (35° 40.8' N 136° 03.4' E) and W of the line drawn 000° from the tip of Mariyama Breakwater. Vessels anchoring must keep a safe distance from the shore.

Cautions for anchoring. Many small-sized stationary nets and rafts for aquaculture are laid within 500m offshore of the E and W coasts of Tsuruga Wan. Shelter anchorage can be obtained in Jogu Wan or Urasoko Wan when strong northerly winds are blowing.

Typhoon and tsunami safety measures. In order to prevent disasters due to typhoon, tsunami and other abnormal weather, Typhoon and other abnormal weather Countermeasures Committee of Tsuruga Ko is established and they manage typhoon and tsunami damage prevention countermeasures, such as the communication of typhoon and tsunami information, warnings, and the issuing and cancelling of evacuation advisories for all vessels in the harbour. (Inquiries: Tsuruga Coast Guard Office)

Maritime authorities and facilities.

Name	Telephone number
Tsuruga Coast Guard Office (Captain of the Port)	+81-770-22-4179
Tsuruga Branch Customs, Osaka Customs	+81-770-22-0025
Tsuruga Chosha, Fukui Transport Branch Office, Chubu District Transport Bureau	+81-770-22-0003
Tsuruga Detached Office, Osaka Quarantine Station	(Contact to Osaka Quarantine Station) +81-6-6571-4312
Fushiki Toyama Sub-station, Nagoya Hed Office, Plant Protection Station	+81-766-44-0954
Tsuruga Port and Harbour Office, Fukui Prefectural Government	+81-770-22-0369

Tugboats. Tugboats are available.

Supplies. Fresh water and fuel oil can be supplied.

Oil waste disposition facilities.

Name	Contact information	Hours of operation	Waste type	
			Waste heavy oil	Waste light oil
Fukui Prefectural Government	Tsuruga Port and Harbour Office Telephone: +81-770-22-0369	0830 – 1700	Bilge water	

Medical facility.

Name	Telephone number	Remarks
Municipal Tsuruga Hospital	+81-770-22-3611	

Facilities.

Name	Position	Length (Approx. m)	Depth (Approx. m)	Capacity (D/W×vessel)	Remarks	
Ohama Wharf	36° 37.6' N 136° 36.4' E	400	12 to 13	30,000 × 1	Multipurpose international container terminal.	
Sekiyu Quay	36° 37.1' N 136° 36.6' E	600	5 to 7	5,000 × 6		
Gorojima Wharf	36° 36.9' N 136° 37.0' E	240	2.5 to 6	10,000 × 1		
Gokuden Wharf	36° 36.6' N 136° 37.3' E	540	7 to 10.5	12,000 × 3	Two gantry cranes.	
Tomizu Wharf	36° 36.5' N 136° 37.1' E	370	7.5 to 8.5	12,000 × 2		
Muryoji Wharf	No.1	36° 36.5' N 136° 36.8' E	70	2.5 to 3.5	2,000 × 1	Kanazawa port cruise terminal.
	No.2, No.3		320	4 to 10	100,000 × 1	
Muryoji Jetty	36° 36.6' N 136° 36.6' E	270	2.5 to 5.5	2,000 × 3		
Ono Quay	36° 36.8' N 136° 36.5' E	180	3.5 to 4.5	1,000 × 3		

Maximum size of vessel handled. Cruise ship *MSC BELLISSIMA* (171,598t, with a draught of 8.7m) berthed at Ohama Wharf on 20 September 2025.

Anchorage. The bottom is fine sand in the area around 0.7 to 1M NW from N of the former Kanaiwa Ko (36° 36.2' N 136° 35.4' E), with a depth of 11 to 16m, slopes gently to seaward. A number of fishing facilities are set out. Care must be exercised when anchoring. A quarantine anchorage is situated about 1.4M NW of Ono Light.

Cautions for anchoring. The port is not suitable for anchorage because there is a risk of dragging anchor when strong NW winter monsoon is blowing.

Typhoon and tsunami safety measures. In order to prevent disasters due to typhoon, tsunami and other abnormal weather, Typhoon and other abnormal weather Countermeasures Committee of Kanazawa Ko is established and manages communication of information for all vessels in the port. Moreover, it should be noted that Captain of the Port may recommend subject to Port Regulation Law concerning actions, such as warnings, and the issuing and cancelling of evacuation advisories. (Inquiries: Kanazawa Coast Guard Office)

Maritime authorities and facilities.

Name	Telephone number
Kanazawa Coast Guard Office (Captain of the Port)	+81-76-267-0511
Kanazawa Branch Customs, Osaka Customs	+81-76-268-9181
Kanazawa-Nanao Detached Office, Niigata Quarantine Station	+81-761-21-3767 (Komatsu Airport Branch Office)
Komatsu Sub-branch, Chubu Airport Branch, Animal Quarantine Station	+81-761-24-1407 (Komatsu Airport)
Komatsu Airport Sub-branch, Fushiki-Toyama Sub-station, Nagoya Plant Protection Station	+81-761-24-1406
Kanazawa Sub-branch, Nagoya Regional Immigration Services Bureau	+81-76-222-2450
Kanazawa Port and Harbour Office, Ishikawa Prefectural Government	+81-76-268-1201

Ferryboats. Ferryboats are available.

Tugboats. Tugboats are available.

Supplies. Fresh water can be supplied. Fuel oil supply barges are available.

Repairs. There is a shipyard that can accommodate vessels of up to 100t.

keeping clear of Sohama Dashi and Shichiko Guri. Then, alter course to 233° at a position abeam of W extremity of Shin Saki, bearing 200° (see the recommended track shown on Chart W158).

· Vessels approaching W of No.1 Wharf, should alter course to 258° at the point the summit of Tera Shima bearing 336°, and steer for Ishizaki Byobu. Then, pass midway between Asa Guri and Kamiya Dashi, and proceed to N of Ose Asa. Then, pass the W side of Ose Light buoy (37° 05.2' N 136° 58.3' E) and the W side of Nanao Ko Waka Dashi W Light Buoy. Then, alter course as necessary for the berth.

· Vessels approaching E of No.2 Wharf, should follow the directions for vessels approaching W of No.1 Wharf, until Ishizaki Byobu. Then, pass midway between Asa Guri and Sakida Dashi, steering for the Nanao Ko No. 13 Light Buoy and Meshima Light. Then, pass the E side of Me Shima and head for an appropriate berth, keeping clear of reefs including Kanomo (37° 03.7' N 136° 59.1' E), Matsu Dashi (37° 03.5' N 136° 58.9' E) and Yokomo (37° 03.4' N 136° 58.8' E).

Precautions for entering the port. Caution must be exercised to avoid the shoals extending in the port.

Pilotage. Pilotage is available upon request. (Inquiries: Nanao Pilot Association. See *Chapter 6 PILOTAGE* of Part 1 for the details.)

Entry restriction. In order to prevent accidents due to ignition, general vessels are prohibited from entering a sea area within 30m a tanker loading inflammable materials, including a tank ship, mooring in the harbour. Tanker carrying dangerous inflammable materials displays a banner visible at night, reading *Dangerous Inflammable Cargo Aboard*, when moored in the harbour.

Facilities.

Name		Position	Length (Approx. m)	Depth (Approx. m)	Capacity (D/W×vessel)	Remarks
Ota Wharf	Ota Special Quay by materials	37° 03.5' N 136° 59.5' E	185	Unsurveyed		Collapsed quay
	Ota No.2 Quay	37° 03.5' N 136° 59.6' E	185	9.5 to 10	15,000 × 1	
	Ota No.3 Quay	37° 03.5' N 136° 59.4' E	260	11.5 to 12	18,000 × 1	
Ota Mooring Post		37° 03.6' N 136° 59.8' E	200	10	12,000 × 1	
No.2 Wharf E Side Quay		37° 03.1' N 136° 58.8' E	165	9	10,000 × 1	
No.1 Wharf	E Side Pier	37° 03.1' N 136° 58.6' E	180	Unsurveyed		Collapsed quay
	W Side Pier	37° 03.1' N 136° 58.5' E	220	7.5	Passenger 15,000 × 1 Cargo 6,000 × 1	Aseismic quay

In addition to the above, ENEOS Globe Gas Terminal Pier (capacity; 60,000 D/W × 1) is located about 0.5M SSE of Koizumi Saki and Hokuriku Electric Power private pier for Nanao-Ota Thermal Power Station (capacity; 2,000 to 60,000 D/W × 3) is located about 0.5M ESE of Me Shima.

Maximum size of vessel handled. Cargo ship *AKATSUKI* (57,036t, with a draught of 14.4m) berthed at the private pier for Nanao-Ota Thermal Power Station (37° 04.2' N 137° 00.2' E) on 11 February 2018.

Anchorage. Anchorage space is limited as the shoals are scattered in the bay. The area near the quarantine anchorage in the Section 2 has a depth of about 17m, sheltered from the NW winds, the bottom is mud, affords anchorage for vessels under 5,000t. The area with a depth of 10m or more, which extend between the Section 2 and 3, are often used by vessels under 1,000t.

Vessels carrying dangerous cargos must use Section 2 or 3 when they anchor.

Precautions for anchoring. The water depth of the port is relatively shallow. The quarantine anchorage has a depth of about 17m, and there is a risk of dragging anchor when strong NW wind blows continuously. The bottom is poor holding ground as sludges are accumulated entire area of the bay. Caution must be exercised when anchoring. Vessels should not anchor within a circle of radius 600m centred on Nanao Ko No.13 Light Buoy (37° 05.3' N 136° 59.7' E) and within a circle of radius 350m centred Ose Light Buoy (37° 05.2' N 136° 58.3' E) as large vessels alter their courses in these areas.

Ohama	Ohama - 4.5m No.1 Quay	39° 46.2' N 140° 02.9' E	60	3	700 × 1	
	Ohama - 4.5m No.2 Quay	39° 46.2' N 140° 03.0' E	60	2 to 3	700 × 1	
	Ohama - 10m No.1 Quay	39° 46.4' N 140° 03.0' E	185	9.5 to 10	15,000 × 1	
	Ohama - 10m No.2 Quay	39° 46.2' N 140° 02.9' E	185	9 to 9.5	15,000 × 1	
	Ohama - 10m No.3 Quay	39° 46.0' N 140° 02.9' E	185	9 to 9.5	15,000 × 1	
Honko	Nakashima No.1 Quay	39° 45.3' N 140° 03.5' E	161	8.5 to 9	10,000 × 1	
	Nakashima No.2 Quay	39° 45.4' N 140° 03.4' E	185	9.5	15,000 × 1	
	Nakashima No.3 Quay	39° 45.5' N 140° 03.3' E	185	9 to 9.5	15,000 × 1	
	North Wharf A Quay	39° 45.3' N 140° 03.5' E	122	6 to 7	5,000 × 1	
	North Wharf B Quay	39° 45.3' N 140° 03.6' E	155	6 to 6.5	5,000 × 1	
	South Wharf C Quay	39° 45.2' N 140° 03.6' E	155	4.5 to 5	2,000 × 1	
	South Wharf D Quay	39° 45.1' N 140° 03.6' E	90	5.5	2,000 × 1	
Shimohama - 5m Quay		39° 45.0' N 140° 03.8' E	345	3.5 to 5	1,000 × 4	Fish market.
Inter Harbour Naiko	Terauchi Wharf	39° 44.7' N 140° 04.0' E	200	6 to 7	5,000 × 2	
Mukaihama	Mukaihama - 7.5m No.1 Quay	39° 44.9' N 140° 03.7' E	130	7	5,000 × 1	
	Mukaihama - 7.5m No.2 Quay		130		5,000 × 1	
	Mukaihama - 10m No.1 Quay	39° 45.0' N 140° 03.4' E	186	8.5 to 9	15,000 × 1	
	Mukaihama - 10m No.2 Quay	39° 45.1' N 140° 03.3' E	186	8 to 8.5	15,000 × 1	
	Mukaihama - 10m No.3 Quay	39° 45.2' N 140° 03.2' E	185	8.5 to 10	15,000 × 1	
	Mukaihama - 12m Quay	39° 45.3' N 140° 03.1' E	240	12	30,000 × 1	

Maximum size of vessel handled. Cruise ship *MSC BELLISSIMA* (171,598t, with a draught of 8.7m) berthed at the Nakashima No.2-3 Quays on **19 September** 2025.

Anchorage. Vessels carrying dangerous cargoes shall anchor in Section 2.

Maritime authorities and facilities.

Name	Telephone number
Akita Coast Guard Office (Captain of the Port)	+81-18-845-1624
Akita Funakawa Branch Customs	+81-18-845-0735
Akita Transport Branch Office, Tohoku District Transport Bureau	+81-18-863-5811
Akita Branch Office, Sendai Regional Immigration Service Bureau	+81-18-895-5221
Akita Sub-branch, Niigata Branch Office, Yokohama Plant Protection Station	+81-18-845-1411
Akita-Funakawa Detached Office, Sendai Quarantine Station	+81-18-846-8280
Akita Port and Harbour Office, Akita Prefectural Government	+81-18-845-2021

Tugboats. Tugboats are available.

Supplies. Fresh water and fuel oil can be supplied. Fuel oil supply barges are available.

Medical facilities.

Name	Telephone number	Remarks
Akita City Hospital	0570-01-4171	For domestic call
Akita Welfare Medical Center	+81-18-880-3000	

Maritime traffic. There are services of car ferry (18,229t) between Tsuruga Ko and Tomakomai Ko, calling at Akita Ko and Niigata Ko.