

Approved
by order of Ministry of Transport
of the Russian Federation
dated 03.10.2017 No. 404

MINISTRY OF TRANSPORT OF THE RUSSION FEDERATION

ORDER

On approval of the By-Laws in the sea port of Sochi

In accordance with Article 14 of the Federal Law No. 261-FL «On sea ports of the Russian Federation and amendments to the certain legislative acts of the Russian Federation» dated November 8, 2007 (Code of Laws of the Russian Federation, 2007, No. 46, art. 5557; 2008, No. 29 (part I), art. 3418, No. 30 (part II), art. 3616; 2009, No. 52 (part I), art. 6427; 2010, No. 19, art. 2291, No. 48, art. 6246; 2011, No. 1, art. 3, No. 13, art. 1688, No. 17, art. 2313, No. 30 (part I), art. 4590, 4594; 2012, No. 26, art. 3446; 2013, No. 27, art. 3477, No. 30 (part I), art. 4058; 2014, No. 45, art. 6153, No. 49 (part VI), art. 6928; 2015, No. 1(part I), art. 52, No. 29 (part I), art. 4339; 2016, No. 27 (part I), art. 4215, No. 27 (part II), art. 4282) it is hereby ordered:

1. To approve the attached By-Laws in the sea port of Sochi.
2. To declare the following orders of Ministry of Transport of the Russian Federation null and void:
3. No. 9 «On establishment of the compulsory pilotage areas in the sea port of Sochi» dated January 11, 2011 (registered in the Ministry of Justice of Russia on February 4, 2011, registration No. 19705);
4. No. 250 «On approval of the Rules and Regulations for the sea port of Sochi» dated September 21, 2011 (registered in the Ministry of Justice of Russia on October 5, 2011, registration No. 21981).

BY-LAWS IN SOCHI SEAPORT

I. General provisions

1. The By-Laws in the Sochi seaport (further referred to as By-Laws) are issued in accordance with the Federal Law No. 261-FL «On sea ports of the Russian Federation and amendments to the certain legislative acts of the Russian Federation» dated November 8, 2007, Federal Law No.81-FL «The Merchant Shipping Code of the Russian Federation» dated April 30, 1999, General Rules of navigation and mooring of vessels in the sea ports of the Russian Federation and on the approaches thereto (further referred to as General Rules).
2. These By-Laws comprise rules, regulations and relevant information as follows: description of the Sochi seaport (further referred to as seaport); procedures for arrival at and departure from the seaport including the safety of navigation requirements; navigation of vessels in the seaport water area and on the approaches to it; Vessel Traffic Control Service area and navigation regulations in the area covered by VTS; vessels' stay in the seaport water area at anchorages and alongside berths; ecological and quarantine requirements; means of communication to be used in the seaport water area and on its territory; the seaport limits and information on the approaches to the seaport; range of Sea Area A1 of the Global Maritime Distress and Safety System (further referred to as GMDSS); seaport capability to accommodate vessels; navigation period; areas for compulsory pilotage; depths available in the seaport water area and on the approaches to it; dangerous cargoes handling; information to be advised by the masters of vessels in the event of a threat of unlawful interference act in the seaport; transmission of data regarding navigational conditions as well as weather and sea conditions prevailing in the seaport, other information as prescribed by the acts of law of the Russian Federation pertaining to the merchant shipping.
3. These By-Laws pertain to all vessels irrespective of their national and departmental status as well as any legal entity or individual engaged in the activities of the seaport.
4. Navigation of vessels in the seaport and on the approaches to it, vessels' stay within the seaport water area shall be executed in compliance with the General Rules and these By-Laws.

II. Seaport Description

5. The seaport is located in the Black Sea and consists of the following Areas situated on the eastern coast of the Black Sea: Area No. 1 – «Ashe» Marine Terminal water area, Area No.2 – «Lazarevskoye» Marine Terminal water area, Area No.3 – «Vardane» Marine Terminal water area, Area No.4 – «Loo» Marine Terminal

water area, Area No.5 –« Dagomys» Marine Terminal water area, Area No.6 – «Mamayka» Marine Terminal water area, Area No.7 – «Novyye Sochi» Marine Terminal water area, Area No.8 comprises Inner Harbour, Cruise Harbour and anchorage No. 419; Area No. 9 - «Kurpark» Marine Terminal water area, Area No.10 - «Matsesta» Marine Terminal water area; Area No. 11 - «Khosta» Marine Terminal water area; Area No. 13 - «Kurgorodok» Marine Terminal water area; Area No. 14 - «Adler» Marine Terminal water area; Area No. 15 comprises the Cargo Area waters in the estuary of Mzymta river; Area No. 18 comprises anchorage No. 407.

6. The boundaries of the seaport are established by the Government Decree No. 393 –r of the Russian Federation dated March 30, 2009. The seaport water area is adjacent to the water area of the sea-based naval ships, vessels and launches of the Coastguard of the Border Service of the FSB of the Russian Federation.
7. The seaport is an ice-free port.
8. Navigation in the seaport is performed all the year round; the seaport operates round-the-clock and there is a permanent cargo and passenger border check-point available in the seaport to cross the state boundary of the Russian Federation.
9. For the period from November till April navigation in the seaport is performed in unfavourable hydro-meteorological conditions being characterized by the periodic resonance horizontal oscillations of water mass (further referred to as tyagun), currents frequently changing direction and speed varying from 6 up to 1,2 knots depending on wind direction and speed, precipitation, rivers flowing into the seaport water area, sea bottom relief as well as by the visibility in the seaport of less than 2 miles.
10. The seaport anchorages are not sheltered from winds or swell being unsafe for vessels during stormy weather and seas.
11. The seaport is defined as the GMDSS Sea Area A1.
12. Pilotage is compulsory in the seaport.
13. The seaport is acceptable to passenger and cargo traffic. The seaport is capable of handling general and bulk cargoes including dangerous goods of Class 3 as defined by the International Maritime Organization (further referred to as IMO).
14. Approaches to the seaport are to be referred to Appendix No. 1 to these By-Laws.
15. Communication channels of very high frequency (further referred to as VHF channels) to be used in the seaport are indicated in Appendix No. 2 to these By-Laws.
16. Anchorage Areas No. 407 and No. 419 are to be referred to Appendix No. 3 to these By-Laws.
17. Technical capabilities of the seaport to accept vessels, berths particulars and water

depths within the seaport are given in Chapter IX of these By-Laws and Appendix No. 4 to these By-Laws.

18. Fishing Areas Nos. 1 and 8 within the seaport water area are to be referred to Appendix No. 5 to these By-Laws.
19. Tug assistance is available in the seaport. Minimum number and power of tugs required for vessel's mooring/unmooring in the seaport to be referred to Appendix No. 6 to these By-Laws.
20. Within the seaport water area there is a sunken forward part of vessel in position Lat. 43°35,00' N., Long. 39°41,22' E with a depth of 11 meters over it, particular care shall be exercised when sailing in this position.

III. Procedures for arrival at and departure from the seaport

21. Information of vessel's arrival at the seaport shall be forwarded to the Harbour Master to: www.portcall.marinet.ru.
22. A vessel's clearance inwards or outwards is performed round the clock in the seaport. A vessel is allowed to be cleared in the roads with wind velocity not exceeding 8 meters per second and sea height not exceeding 1 meter.

IV. Navigation of vessels in the seaport water area and on the approaches to it

23. All vessels' movements within the seaport water area including anchoring, mooring/unmooring shall be performed according to the schedule.
24. The daily schedule is to be approved by the Harbour Master based on the information of vessel's arrival at the seaport and requests submitted by the masters of vessels (shipowners, marine agents) and operators of the berths.
25. Anchoring and weighing anchor, mooring/unmooring of vessels shall be carried out with the permission of the Harbour Master.
26. Movement of vessels within the seaport water area, anchoring and weighing anchor shall be regulated by Vessel Traffic Control Service (referred to as VTS) according to the daily schedule.
27. For entering the seaport water area which is bounded by straight lines joining the end of Outer Mole, cardinal buoy No.5, cardinal buoy No. 7, cardinal buoy No. 9, cardinal buoy No. 11, the western end of breakwater, the end of Middle Mole of the seaport (further referred to as Cruise Harbour) vessels shall proceed on the «Sochinskiy Podkhodnoy» linear alignment (direction 174,2° – 354,2°).

Vessels entering the Mzymta water area bounded by a straight line joining the extremities of South-Western Mole and Eastern Mole of the seaport (further referred to as Cargo Area) shall proceed along the «Imeretinskiy» sighting

alignment (direction $164,6^{\circ} - 344,6^{\circ}$) observing «Imeretinskiy» yellow light in the middle between green light on the head of Eastern Mole and red light on the head of South-Western Mole.

28. One-way traffic is established for vessels exceeding 50 metres in length within the seaport water area bounded by a straight line connecting the extremities of Middle Mole and Inner Mole of the seaport, within the seaport water area bounded by the leading line of «Sochinskiy Podkhodnoy» and the breakwater in Cruise Harbour and on the sighting leading line «Imeretinskiy» in Cargo Area, the movement direction being regulated by VTS. It is prohibited to make obstruction to maneuvering of any vessel being engaged in mooring/unmooring operation.
29. Pilotage in the seaport is to be performed round the clock.
30. Pilot shall be embarked or disembarked in the following positions:
 - Lat. $43^{\circ}32,7' N.$, Long. $39^{\circ}43,0' E.$, 2,1 miles distant from the Sochinskiy Lighthouse, bearing $185,5^{\circ}$.
 - Lat. $43^{\circ}23,30' N.$, Long. $39^{\circ}56,60' E$ in the Mzymta Area of the seaport waters.Compulsory Pilotage Areas Nos. 1 and 2 to be referred to Appendix 7 to these By-Laws.
31. Vessels shall be provided with pilots based on vessels' requests according to the daily schedule for mooring/unmooring of vessels in the seaport. Request for a pilot is to be forwarded 2 hours prior to the commencement of pilotage through the VTS. Cancellation of the request for a pilot should be made not less than 1 hour prior to the stipulated time of commencing the pilotage.
32. Should main engine, steering mechanism or anchoring gear fail a vessel shall be piloted with compulsory assistance of tugs.
33. Exempt from compulsory pilotage:
 - Sport and pleasure vessels of less than 500 gross tonnage;
 - Small vessels;
 - Passenger vessels sailing within the water area of the seaport and between the areas of the seaport water area;
 - Vessels engaged in the seaport operations for servicing and supplying ships in the seaport water area and on approaches to it and any objects of the seaport infrastructure (further referred to as seaport fleet);
 - Vessels used for the purpose of ensuring transport service and security with regard to objects being guarded by the state;
 - Naval ships, vessels and launches of the Coastguard of the Border Service of the FSB of the Russian Federation.
34. All vessels are allowed to navigate in the water area of Cruise Harbour and vessels less than 50 metres in length are allowed to navigate in Inner Harbour round the

clock with wind speed not exceeding 12 metres per second, wave height not over 1,5 metres and visibility not less than 5 cables.

Vessels of more than 50 metres but less than 120 metres in length are allowed to navigate in Inner Harbour and in the area between the breakwater and the entrance to Inner Harbour in daylight with a wind speed not exceeding 8 metres per second, wave height not over 1 metre and visibility at least 5 cables.

Vessels of more than 120 metres in length are only allowed to enter the Cargo Area waters in daylight provided a wind speed doesn't exceed 8 metres per second, wave height is not over 1 metre and visibility at least 5 cables. Vessels are allowed to leave the Cargo Area round the clock under the same hydro-meteorological conditions.

35. Under unfavorable sea and weather conditions stipulated in these By-Laws or when navigation and mooring of vessels in the water area of the seaport is not allowed vessels shall according to the directions of the VTS either go into anchor within anchorages Nos. 407, 419 or drift beyond the limits of anchorages Nos.407, 419 and keep clear of the leading line «Sochinskiy Podkhodnoy» or sighting leading line «Imeretinskiy».
36. Vessels shall navigate with particular care in the proximity to marine passenger terminals located in the Areas of «Adler», «Khosta», «Kurgorodok», «Matsesta», «Dagomys», «Loo» and «Lazarevskoe».
37. In Inner Harbour, Cruise Harbour or Cargo Area vessels shall navigate at the minimum speed required for steerage but not in excess of 5 knots.
38. When entering or leaving the seaport within less than 5 cables of the entrance to Cruise Harbour dynamically supported vessels shall proceed in the displacement mode.
39. Small vessels (except for the seaport fleet) in the water area of the seaport are prohibited:
 - to sail close to the berths alongside which the passenger operations and /or handling of dangerous goods are carried out as well as in the vicinity of the berths designated for vessels used for the purpose of ensuring transport service and security with regard to objects being guarded by the state as stipulated in paragraph 48 of these By-Laws and naval ships and vessels lying alongside these berths;
 - to sail within the water area of the seaport with wind speed exceeding 12 metres per second and/or visibility less than 2 cables;
 - to make obstruction to any vessel maneuvering in the water area of the seaport or impede the passage of a vessel while its entering or leaving the seaport.
40. Should a shipboard VHF radio station fail the vessel is prohibited to navigate in the water area of the seaport.
41. A vessel is not required to be cleared inwards or outwards if she:

- sails only within the seaport water area or between the Areas of the seaport water area;
- leaves the port limits subject to its return to the seaport after the period not exceeding 72 hours.

The permit for sailing within the seaport water area and beyond the limits of the seaport water area provided the vessel is to return to the seaport, shall be issued by the Harbour Master for the time period of not over than 90 days. The period of validity of such permit shall not extend over an expiration date of any of the ship's certificates prescribed in the Appendix 2 to the General Rules.

With respect to small vessels being in operation for non-commercial purpose as well as pleasure craft and sport sailing vessels the permit shall be issued for the period while a vessel's seaworthiness certificate being valid.

Non self-powered sport sailing vessels of up to 9 metres in length which are not provided with places intended for the rest are required neither to be cleared inwards or outwards nor to obtain a permit. When sailing within the seaport waters, within the entrance to the seaport and on the sea routes sport sailing vessels shall not impede the movement of any other vessel.

42. The permit for sailing within the seaport water area and beyond its limits subject to the vessel's return to the seaport, shall be issued by the Harbour Master provided the vessel, its crew, hull, engines, machinery and equipment/devices are in full compliance with the appropriate requirements in respect of safe navigation and protection of marine environment relevant to the documents specified in Appendixes Nos. 1 and 2 to the General Rules and an application has been submitted by the master of a vessel (shipowner) or marine agent including the following:

- IMO number;
- Ship's name in Russian and Latin alphabet;
- Ship's call sign;
- Ship's number given by the mobile maritime service;
- Name and IMO number of shipowner and operator of the ship;
- Ship's Class (name of the organization authorized to make a survey and give a class to ships);
- Ship's main particulars (type, build year, gross tonnage, deadweight, length overall, extreme breadth, depth, maximum draught, draught fore and aft, GMDSS area, authorized sailing area);
- operation activity in which a ship is engaged;
- number of crew members and their nationality;
- number of passengers on board and their nationality;
- intended area of sailing;
- sailing area and season restrictions;

- ship security data;
- information with regard to sanitary and epidemic conditions on board ship;
- Information if appropriate of any malfunction of ship's cargo handling facilities (machinery) as well as any non-compliance of the ship with the requirements of International Conventions in respect of the safety of life at sea, maritime safety, marine environment protection, transport security.

In the event of non-commercial small vessels, pleasure vessels of less than 500 gross tonnage and sport sailing vessels a permit for sailing within the seaport waters and beyond their limits provided the vessel is to return to the seaport shall be issued after a ship's ticket as well as licence to operate a small vessel, pleasure craft or sport sailing vessel respectively having been presented as well as an application of shipowner submitted to the Harbour Master in which an intended sailing area to be stated.

Small vessels being in operation for non-commercial purpose as well as pleasure vessels and sport sailing vessels may obtain the permit by e-mail after the appropriate documents required for granting of the above mentioned permit have been sent to: map@sochi.com.

43. The permit for sailing within the seaport water area and beyond its limits provided the vessel is to return to the seaport, shall be issued by the Harbour Master in writing including the data having been shown in application of the master of a ship (shipowner) or marine agent and the restrictions established for the vessel, date of issue of the permit and expiry date.

Vessels used for the purpose of ensuring transport service and security with regard to objects being guarded by the state are not required to submit an application for the permit stipulated above in this paragraph, their sailing within the seaport water area and beyond its limits subject to the vessel's return to the seaport will be performed with the notification of the Harbour Master.

Every time when entering or leaving the seaport vessels having in their possession the permit shall advise the Harbour Master of their intention to enter or leave the seaport on VHF Channel 11 or Channel 14 (reserve VHF Channel 68, call sign «Sochi-Traffic-Control»).

When notifying the Harbour Master of its entry or departure from the seaport a small vessel or sport sailing vessel, pleasure craft shall only indicate a number of the permit having been issued to it.

44. If the data stated in the application of the master of a vessel (shipowner) or marine agent submitted in order to obtain a permit for sailing within the seaport water area and beyond its limits provided the vessel is to return to the seaport, has been changed until the expiration of the permit, the master of the vessel (shipowner) or marine agent shall notify the Harbour Master and apply for the receipt of a new permit.
45. Vessels of less than 500 gross tonnage which are not provided with a shipboard VHF radio station are allowed to sail within the water area bounded by the

coastline, cardinal buoys Nos. 5, 7, 9, 11, 13, 15 and the end of Inner Mole.

46. Vessels navigating in the close proximity to fishing areas shall do so with particular caution.

Vessels being engaged in fishing in the water area of the seaport shall not cause obstruction to other vessels.

V. Vessel Traffic Control Service area and navigation regulations in the area covered by VTS

47. The operating area of the Vessel Traffic Control Service covers the water area bounded by straight lines connecting the positions:

Lat. 43°34,7' N, Long. 39°42,9' E - light on the head of Inner Mole;

Lat. 43°37' N, Long. 39°40,1' E;

Lat. 43°34,2' N, Long. 39°36,1' E;

Lat. 43°19,4' N, Long. 39°55,2' E;

Lat. 43°22,8' N, Long. 39°58,8' E;

Lat. 43°24,9' N, Long. 39°55,5' E - automatic radio post No.2 (further referred to as ARP No.2) in Cargo Area;

Lat. 43°28' N, Long. 39°52,5' E;

including the water areas of Inner Harbour, Cruise Harbour and Cargo Area.

Vessel Traffic Control Service (VTS) of the seaport of Sochi comprises Vessel Traffic Control Centre (further referred to as VTC), radio post No.1 and ARP No. 2 which ensure the routine activities, technical aids operation and location of equipment and personnel. For monitoring navigational situation in the area and regulating vessels' movements the VTS is provided with:

- two coast radar stations;
- automatic identification system;
- video surveillance system;
- means of VHF communication and hydro-meteorological monitoring system.

Antennas of radar stations are installed in the following positions:

Lat. 43°34,9' N, Long. 39°43,1' E - in Marine Passenger Terminal building;

Lat. 43°24,9' N, Long. 39°55,5' E - ARP No.2 in Cargo Area;

There are recommended routes Nos. 14, 77 and 78 as well as anchorages Nos. 419, 407 and the roads for vessels' lying at anchor while in quarantine.

48. Communication between vessels and VTC is effected on VHF Channel 14 (reserve VHF Channel 68), call sign «Sochi-Traffic-Control».

49. Before departing from the berth or weighing anchor a vessel shall make a request for VTC permission to get underway 5 minutes prior to the commencement of any movement. Unless the vessel commences the movement within 30 minutes after permission has been obtained the permission is cancelled and shall be requested again.
50. When entering the VTS area a vessel shall advise the following:
- IMO identification number (if applicable);
 - ship's name and type;
 - ship's number given by the mobile maritime service;
 - ship's national status (flag);
 - port of destination;
 - actual maximum draught;
 - type and quantity of cargo; dangerous goods available on board, if any, class;
 - number of crew members and passengers on board;
 - failure or malfunction of shipboard equipment and devices and other limitations in vessel's operation affecting the safety of navigation;
 - any other information on the request of VTS.

VI. Vessels' Stay in the seaport at anchor and alongside berths

51. Vessels may ride at anchor within Anchorage areas or lie alongside berths and pontoons of the seaport.
52. Berths designated for naval ships and vessels used for the purpose of ensuring transport service and security with regard to objects being guarded by the state are located southward of Berth No. 14 of Inner Harbour. Berths of the wing wall, pier and quay wall in the vicinity of Middle Mole are designated as base station for naval ships and vessels of the Federal Security Service.
53. In Inner Harbour there are pontoon piers «A», «B», «C», «D», «E» and berths Nos. 1,2,3,4,8,9,10,11,12,13 and 14 intended for lying of small vessels, pleasure craft and sport sailing vessels.

In the Cargo Area waters in the estuary of Mzymta River there are pontoon piers «A», «B», «C» and «D» intended for lying of small vessels, pleasure craft and sport sailing vessels.

Among the berths for small vessels, pleasure craft and sport sailing vessels in Inner Harbour and in the estuary of Mzymta river there is a number of berths which are allowed to be used for bunkering of small vessels, pleasure and sport sailing vessels from tank trucks. The berths designated for bunkering from tank trucks are provided with the fire-fighting and fuel spill combating equipment adequate for

response to emergency in case of fire or fuel spill.

54. Vessels shall go into anchor in anchorage areas Nos. 407 and 419 in compliance with the instructions having been obtained from VTS.
55. Vessels lying at anchor within the anchorages of the seaport shall maintain continuous radio watch on VHF Channels 14 and 16.
56. Embarkation and disembarkation of passengers shall be carried out at berths of Inner Harbour and Cruise Harbour within the «Sochi» water area, at berths of Cargo Area within the «Mzymta» water area and at berths of Marine Passenger Terminals of the «Adler», «Kurgorodok», «Lazarevskoe», «Loo», «Khosta», «Matsesta» and «Dagomys» water areas.
57. The berth operator shall give notice to the Harbour Master that the berth is prepared for mooring of a vessel an hour prior to the commencement of the vessel's mooring operation. The Harbour Master will advise the master of a vessel that the berth is ready for mooring of the vessel.

Berths Nos. 1,2,3,4,8,9,10,13,14 and pontoon piers «A», «B», «C», «D», «E» are prohibited to be used for fishing.

58. The Marine Passenger Terminals of «Adler», «Kurgorodok», «Khosta», «Matsesta», «Dagomys», «Loo» and «Lazarevskoe» Areas of the seaport waters are accessible to vessels with a wind speed not exceeding 5 metres per second and sea height of not more than Force 2.
59. Berthing/unberthing in the seaport can only be effected with compulsory tug assistance with regard to the following vessels:
 - Cargo ships and tankers of 40 metres and over in length;
 - Ro-Ro ships, passenger vessels and container ships of 60 metres and over in length.
60. When mooring/unmooring of vessels there will be the following number of mooring linesmen depending on the vessel's length:

| Vessel's length, metres | Number of mooring linesmen |
|-------------------------|----------------------------|
| up to 60 m | 1 |
| from 60 up to 90 | 2 |
| from 91 up to 120 | 3 |
| from 121 up to 140 | 4 |
| from 141 up to 200 | 6 |
| over 201 | 8 |

and a person in charge of mooring gang provided with a portable radio station to have communications with a pilot or shipmaster.

61. Mooring/unmooring to berths and pontoons in the seaport shall be carried out in

compliance with the restrictions stipulated in paragraph 30 of these By-Laws.

62. Transfer of passengers to / from vessels lying in the roads is allowed in the water area of the seaport with a wind speed not exceeding 5 metres per second, wave height not over 1 metre and visibility not less than 5 cables.
63. When in receipt of a gale warning vessels lying at bank protections of vertical type with under-berth slope in Cruise Harbour and Cargo Area waiting for shifting to other berths shall proceed to the nearest anchorage of the seaport.
64. On the receipt of a storm warning that the sea height is expected to increase over 2 metres vessels of less than 4000 gross tonnage shall leave anchorage areas No, 407 and No. 419 in accordance with paragraph 10 of these By-Laws. On the receipt of a storm warning of the expected increase of the sea height over 4 metres vessels of more than 4000 gross tonnage shall leave anchorage areas No, 407 and No. 419 in accordance with paragraph 10 of these By-Laws.
65. Actual wind reaching the velocity over 12metres per second seaport fleet vessels shall cease their work and proceed for lying in Inner Harbour, Cruise Harbour or Cargo Area.
66. With winds from southern directions reaching the velocity over 12 metres per second vessels lying at bank protections of vertical type with under-berth slope in Cruise Harbour and Cargo Area as well as vessels at berths intended for lying of the seaport fleet vessels in Inner Harbour shall leave for the roads in the water area of the seaport in order to prevent any damage either to mooring structures or vessels.
67. Vessels' lying alongside berths over a long period of time is allowed in the seaport excepting alongside bank protections of vertical type with under-berth slope in Cruise Harbour and Cargo Area and berths intended for lying of seaport fleet vessels in Inner Harbour.

VII. Ecological and Quarantine Requirements

68. All domestic and food waste from vessels will be received in the seaport.
69. After having been cleared inwards a vessel shall be provided with containers for disposal of domestic waste which are removed from vessel by the berth operator at the request of the master of a vessel or his representative.

The number of containers to be provided shall be agreed upon with the berth operator by the master of a vessel.

70. The water contaminated by oil and oil products as well as oil residues shall be discharged from vessels to seaport reception facilities consisting of two reservoirs of 26 cubic metres and 3,75 cubic metres capacity at berth No. 14 at the request of the master of a vessel or his representative having been submitted to the berth

operator.

71. Vessels which are provided with segregated water ballast tanks shall take water ballast on board and discharge it through piping which being separated from other piping is not used for transfer of oily and/or sewage water.
72. Should there be a suspected case of a highly infectious disease among the crew and passengers on board or after having arrived from the region where adverse sanitary-and-epidemic conditions prevail the vessel is required to proceed with the crew, passengers and cargo available on board to the roadstead contained by a circle of 2,5 cables radius centered in position : bearing 212° and 1,2 miles distant from the Sochinskiy Lighthouse or to berth No. 1 for quarantine to take epidemic preventive measures.

VIII. Means of communication to be used in the seaport water area and on its territory

73. Communication with vessels in the seaport is performed on VHF Channels or by telephone.
74. Communication with vessels in GMDSS Sea Area A1 is provided by coast base station «Sochi-Akhun», call sign «Base station «Sochi-Akhun»».
75. Any radio conversations on VHF Channels 9,11,14,16,68 and 74 are prohibited unless pertaining to the safety of navigation.
76. Vessels lying in the roads as well as alongside berths having no connection with shore telephone network shall keep constant VHF radio watch on Channels 14,16.

IX. Seaport capability to accommodate vessels, water depths in the seaport water area, berths particulars and depths alongside

77. «Sochi» Area of the seaport water area (Cruise Harbour and anchorage No. 419) is accessible to vessels drawing up to 8,8 metres with length of up to 311 metres and breadth up to 38,6 metres;
«Sochi» Area of the seaport water area (Inner Harbour) is accessible to vessels with draught up to 6,6 metres, length up to 120 metres and breadth up to 20 metres;
«Mzymta» Area of the seaport water area (Cargo Area) is accessible to vessels with draught up to 7,8 metres, length up to 140 metres and breadth up to 20 metres.
78. Data with regard to technical capabilities of the seaport to accept vessels as well as berths details and depths available in the seaport water area to be referred to the Appendix No.4 to these By-Laws.
79. Information of actual water depths available in the seaport water area, on

approaches to the seaport and alongside the berths as well as maximum allowable draught of vessels is brought to mariners' notice by the Harbour Master annually or in case of any change.

X. Dangerous Goods Handling

80. Dangerous goods of IMO Class 3 are handled in the seaport.
81. Tankers are allowed to lie alongside berths Nos. 1,2 and 3 of Cruise Harbour and berths Nos. 5,6 and 7 of Cargo Area as well as in anchorages No. 407 and No. 419 of the seaport.

XI. Information to be advised by the masters of vessels in the event of a threat of unlawful interference act in the seaport

82. If there is a threat of unlawful interference act in the seaport the master of a ship or ship security officer shall immediately inform the port facility security officer as well as the Harbour Master including as follows:

Ship's name and type;

Ship's position;

Nature of threat;

Source of information received;

Expected time of unlawful act.

83. Masters of ships shall immediately inform the Harbour Master or the port facility security officer on VHF channels as well as by the additional means of communication in the event of detection of any suspected articles or explosive devices or any indication of a terrorist act being in progress or about it, facts of unauthorized access to the ship, availability of any information that a terroristic act is being prepared as well as any breach of the established order or presence of suspected persons in the seaport etc; the information received will be communicated to all persons concerned by the Harbour Master.
84. The Harbour Master shall be provided by the marine terminal operators and masters of ships with information of the security level set on seaport facilities and on ships staying in the seaport respectively as well as of any changes in their security levels.
85. VHF Channels to be used by the Harbour Master:
 - to advise of a threat of unlawful interference act in the seaport and change in ship security level;

- to advise ship security officers and port facility security officers of a threat of unlawful interference act in the seaport and changes in security level of the port facilities and of the ships staying in the seaport or intending to enter the seaport.

Notification and acknowledgment of the receipt of such notification shall be made on VHF Channels immediately after the circumstances specified in the above notification have occurred.

XII. Transmission of navigation and hydro-meteorological information to the masters of vessels in the seaport

86. Daily hydro-meteorological and navigation information is transmitted in the seaport at 1200 hrs. Moscow time on VHF Channels 11 and 14.
87. In case of receiving of a storm warning by the Harbour Master that a wind speed is expected to increase over 12 metres per second the storm warning will be transmitted on VHF Channels 14 and 16 to all vessels in the seaport water area

Seaport Approaches

Approaches to the seaport comprise:

- the recommended route along the track from the intersection of recommended routes No. 14 and No. 77 in position Lat. $43^{\circ}34,37'$ N., Long. $39^{\circ}40,73'$ E until the intersection of recommended route No. 14 and boundary of the water area of Sochi seaport in position Lat. $43^{\circ}34,05'$ N, Long. $39^{\circ}40,73'$ E;
- the recommended route along the track from the intersection of recommended routes No. 14 and No. 78 in position Lat. $43^{\circ}31,5'$ N., Long. $39^{\circ}41,45'$ E until the pilot boarding position Lat. $43^{\circ}32,7'$ N., Long. $39^{\circ}43, 0'$ E.

VHF Channels in the seaport

Very High Frequency communication channels in the seaport

| Name | Call sign | VHF Channels | |
|---|-----------------------------|-----------------|-----------------|
| | | Calling channel | Working channel |
| Dispatcher of berths No. 5, 5A, 6, 7, 12 | «Sochi-2» | 12 | - |
| Vessel Traffic Control Service | «Sochi-traffic- control» | 14-11 | 68 |
| Port State Control Inspection | «Sochi-5» | 9 | 16,74 |
| Pilot Service | «Sochi-Pilot» | 14 | - |

Anchorage Areas

1. Anchorage area No. 407 is bounded by straight lines connecting the positions:
No. 1 - Lat. $43^{\circ}28,0' N$, Long. $39^{\circ}52,1' E$;
No. 2 - Lat. $43^{\circ}28,0' N$, Long. $39^{\circ}50,1' E$;
No. 3 - Lat. $43^{\circ}26,0' N$, Long. $39^{\circ}53,1' E$;
No. 4 - Lat. $43^{\circ}26,0' N$, Long. $39^{\circ}53,5' E$.

2. Anchorage area No. 419 is bounded by straight lines connecting the positions:
No. 1 - Lat. $43^{\circ}34,2' N$, Long. $39^{\circ}41,7' E$;
No. 2 - Lat. $43^{\circ}34,55' N$, Long. $39^{\circ}41,2' E$;
No. 3 - Lat. $43^{\circ}34,68' N$, Long. $39^{\circ}42,4' E$;
No. 4 - Lat. $43^{\circ}34,4' N$, Long. $39^{\circ}42,6' E$.

Seaport capability to accommodate vessels, berths particulars and depths alongside

| Berths | Berth location | Technical details | | | | | | Berth designation |
|-------------|--|----------------------|-----------------------------|------------------------------|-------------------------|------------------|-------------------------|---|
| | | Bert length (meters) | Depth at the berth (metres) | Ship parameters | | | | |
| | | | | Displacement (thousand tons) | Length overall (metres) | Breadth (metres) | Draught loaded (metres) | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Berth No. 1 | Area of the seaport water area bounded by a straight line connecting the ends of Middle Mole and Inner Mole of the seaport; in position: Lat. 43°34' 44,2" N, Long. 39°43'04,0" E; | 193 | 6,43-8,03 | 12000 | 153 | 21 | 6,6 | Passenger, used for lying of small vessels, pleasure craft, sport sailing vessels |
| Berth No.2 | Area of the seaport water area bounded by a straight line connecting the ends of Middle Mole and Inner Mole of the seaport; in position: Lat. 43°34' 46,2" N, Long. 39°43'09,2" E; | 140 | 4,63-7,43 | 6500 | 105 | 16 | 6 | Passenger, used for lying of small vessels, pleasure craft, sport sailing vessels |
| Berth No.3 | Area of the seaport water area bounded by a straight line connecting the ends of Middle Mole and Inner Mole of the seaport; in position: Lat. 43°34' 49,6" N, Long. 39°43'11,7" E; | 172,0 | 4,63-7,03 | 9000 | 137 | 20 | 6 | Passenger, used for lying of small vessels, pleasure craft, sport sailing vessels |
| Berth No. 4 | Area of the seaport water area bounded by a straight line connecting the ends of Middle Mole and Inner Mole of the seaport; in position: Lat. 43°34'54,4" N, Long. 39°43'07,2" E; | 86,53 | 4,0-7,1 | 600 | 62 | 10 | 4,2 | Used for lying of small vessels, pleasure craft, sport sailing vessels |

| | | | | | | | | |
|--------------|---|-------|-----------|------|------|------|-----|---|
| Berth No.5 | Area of the seaport water area bounded by a straight line connecting the ends of Middle Mole and Inner Mole of the seaport; in position: Lat. 43°34'55,7" N, Long. 39°43'06,6" E; | 60,3 | 1,73-4,33 | 58,6 | 35,1 | 11 | 3,6 | Passenger |
| Berth No. 5a | Area of the seaport water area bounded by a straight line connecting the ends of Middle Mole and Inner Mole of the seaport; in position: Lat. 43°34'54,7" N, Long. 39°43'05,7" E; | 46,9 | 5,0 | 478 | 40 | 10,1 | 2,7 | Passenger |
| Berth No.6 | Area of the seaport water area bounded by a straight line connecting the ends of Middle Mole and Inner Mole of the seaport; in position: Lat. 43°34'55,7" N, Long. 39°43'06,6" E; | 52,15 | 4,23-6,63 | 58,6 | 35,1 | 11 | 3,6 | Passenger |
| Berth No.7 | Area of the seaport water area bounded by a straight line connecting the ends of Middle Mole and Inner Mole of the seaport; in position: Lat. 43°34'54,6" N, Long. 39°43'07,6" E; | 48,85 | 1,83-5,33 | 58,6 | 35,1 | 11 | 3,6 | Passenger |
| Berth No.8 | Area of the seaport water area bounded by a straight line connecting the ends of Middle Mole and Inner Mole of the seaport; in position: Lat. 43°34'54,8" N, Long. 39°43'09,8" E; | 83,50 | 1,03-4,53 | 250 | 65 | - | 2,2 | Used for lying of small vessels, pleasure craft, sport sailing vessels |
| Berth No.9 | Area of the seaport water area bounded by a straight line connecting the ends of Middle Mole and Inner Mole of the seaport; in position: Lat. 43°34'56,4" N, Long. 39°43'10,8" E; | 58,60 | 1,03-1,63 | 53 | 27,2 | 4,8 | 0,9 | Passenger, used for lying of small vessels, pleasure craft, sport sailing vessels |
| Berth No.10 | Area of the seaport water area bounded by a straight line connecting the ends of Middle Mole and Inner Mole of the seaport; in position: Lat. 43°34'58,6" N, Long. | 91,90 | 1,83-5,3 | 400 | 51,5 | 9 | 3,1 | Passenger, used for lying of small vessels, pleasure craft, sport |

| | | | | | | | | |
|--|--|--------|-----------|------|---|-------|-----|--|
| | 39°43'08,4" E; | | | | | | | sailing vessels |
| BerthNo.12 | Area of the seaport water area bounded by a straight line connecting the ends of Middle Mole and Inner Mole of the seaport; in position: Lat. 43°35'02,2" N, Long. 39°43'04,2" E; | 83,53 | 4,0 | 100 | 28,7 | 7 | 3 | Used for lying of small vessels, pleasure craft, sport sailing vessels |
| Berth No.13 | Area of the seaport water area bounded by a straight line connecting the ends of Middle Mole and Inner Mole of the seaport; in position: Lat. 43°35'00,2" N, Long. 39°43'00,5" E; | 148,20 | 5,23-7,23 | 3739 | 105 | 17,5 | 5,5 | Used for lying of small vessels, pleasure craft, sport sailing vessels |
| Berth No.14 | Area of the seaport water area bounded by a straight line connecting the ends of Middle Mole and Inner Mole of the seaport; in position: Lat. 43°34'58,2" N, Long. 39°42'58,5" E; | 35,50 | 4,33-7,63 | | | | | Used for lying of small vessels, pleasure craft, sport sailing vessels |
| Berthage for lying of Port Fleet vessels | Area of the seaport water area bounded by a straight line connecting the ends of Middle Mole and Inner Mole of the seaport; in position: Lat. 43°34'41,8" N, Long. 39°42'52,6" E; | 180 | 4,43-5,43 | - | 58,3 | 12,64 | 4,6 | For Seaport Fleet |
| Pontoon pier «A» | Area of the seaport water area bounded by straight line connecting the ends of Northern and Southern Moles, Middle and Inner Moles of the seaport; in position: Lat. 43°34'44,9" N, Long. 39°43'05,3" E; | 143,0 | 7,7-9,2 | - | Ship length, metres/ number of ships 25/23 30/13 40/11 50/10 65/9 | - | - | Lying of pleasure craft, sailing and small vessels |

| | | | | | | | | |
|---------------------|--|-----|---------|---|---|---|---|--|
| Pontoon pier «B» | Area of the seaport water area bounded by a straight line connecting the ends of Northern and Southern Moles, Middle and Inner Moles of the seaport; in position: Lat. 43°34'49,0" N, Long. 39°43'11,8" E; | 103 | 6,3-9,0 | - | Ship Length, metres/ number of ships 12/27 23/17 30/1 | - | - | Lying of pleasure craft, sailing and small vessels |
| Pontoon pier «C» | Area of the seaport water area bounded by a straight line connecting the ends of Northern and Southern Moles, Middle and Inner Moles of the seaport; in position: Lat. 43°34'50,7" N, Long. 39°43'10,3" E; | 103 | 7,0-8,8 | - | Ship Length, metres/ number of ships 12/30 18/20 30/1 | - | - | Lying of pleasure craft, sailing and small vessels |
| Pontoon pier «D» | Area of the seaport water area bounded by a straight line connecting the ends of Northern and Southern Moles, Middle and Inner Moles of the seaport; in position: Lat. 43°34'52,2" N, Long. 39°43'09,1" E; | 103 | 5,5-9,0 | - | Ship Length, metres/ number of ships 18/21 23/16 30/1 | - | - | Lying of pleasure craft, sailing and small vessels |
| Pontoon pier «E» | Area of the seaport water area bounded by a straight line connecting the ends of Northern and Southern Moles, Middle and Inner Moles of the seaport; in position: Lat. 43°34'53,9" N, Long. 39°43'07,7" E; | 103 | 4-9,1 | - | Ship Length, metres/ number of ships 12/373 18/6 20/7 | - | - | Lying of pleasure craft, sailing and small vessels |

| | | | | | | | | |
|---|--|-----|----------|-----|-------|------|-----|----------------------------|
| | | | | | 30/5 | | | |
| Berth No.1 | Area of the Cruise Harbour water area bounded by straight lines joining the end of Outer Mole, cardinal buoy No.5, cardinal buoy No. 7, cardinal buoy No. 9, cardinal buoy No. 11, the western end of breakwater, the end of Middle Mole; in position Lat. 43°34'40,3" N, Long. 39°42'38,4" E; | 355 | 8,7-10,5 | - | 295,2 | 32,2 | 8 | Passenger |
| Berth No. 2 | Area of the Cruise Harbour water area bounded by straight lines joining the end of Outer Mole, cardinal buoy No.5, cardinal buoy No. 7, cardinal buoy No. 9, cardinal buoy No. 11, the western end of breakwater, the end of Middle Mole; in position Lat. 43°34'29,7" N, Long. 39°42'42,4" E; | 375 | 9,1-10-9 | - | 311 | 38,6 | 8,8 | Passenger |
| Berth No.3 | Area of the Cruise Harbour water area bounded by straight lines joining the end of Outer Mole, cardinal buoy No.5, cardinal buoy No. 7, cardinal buoy No. 9, cardinal buoy No. 11, the western end of breakwater, the end of Middle Mole; in position Lat. 43°34'44,6" N, Long. 39°42'48,8" E; | 165 | 7,9-8,9 | - | 134 | 21 | 6,5 | Lying of passenger ferries |
| Bank protection of vertical type with under-berth slope | Area of the Cruise Harbour water area bounded by straight lines joining the end of Outer Mole, cardinal buoy No.5, cardinal buoy No. 7, cardinal buoy No. 9, cardinal buoy No. 11, the western end of breakwater, the end of Middle Mole; in position Lat. 43°34'46,7" N, Long. 39°42'44,0" E; | 260 | 7,7-10,2 | | | | | Bank protection |
| Pier «Lazarevskoe» | Lazarevskoye settlement; in position: Lat. 43°54'19,6" N, Long. 39°19'33,0" E; | 144 | 3,43 | 478 | 40 | 11 | 3,6 | Passenger |

| | | | | | | | | |
|----------------------|---|-------|------|------|-----|----|------|--------------------------|
| Pier «Loo» | Loo settlement; in position: Lat. 43°41'51,4" N, Long. 39°35'12,9" E; | 125,4 | 3,13 | 478 | 40 | 11 | 3,6 | Passenger |
| Pier «Dagomys» | Dagomys settlement; in position: Lat. 43°39'07,0" N, Long. 39°38'52,6" E; | 131,7 | 3,83 | 478 | 40 | 11 | 3,6 | Passenger |
| Pier «Matsesta» | Matsesta settlement; in position: Lat. 43°32'34,8" N, Long. 39°47'20,4" E; | 163,0 | 3,73 | 478 | 40 | 11 | 3,6 | Passenger |
| Pier «Khosta» | Khosta settlement; in position: Lat. 43°30'39,3" N, Long. 39°51'47,5" E; | 130,5 | 3,63 | 478 | 40 | 11 | 3,6 | Passenger |
| Pier «Kurgorodok» | Kurgorodok settlement; in position: Lat. 43°28'09,9" N, Long. 39°53'36,5" E; | 131,7 | 3,95 | 478 | 40 | 11 | 3,6 | Passenger |
| Pier «Adler» | Adler settlement; in position: Lat. 43°25'15,7" N, Long. 39°54'58,3" E; | 153,5 | 3,63 | 478 | 40 | 11 | 3,6 | Passenger |
| Berth No.1 | Cargo Area waters of the Sochi seaport in the estuary of Mzymta river bounded by a straight line connecting the ends of South-Western Mole and Eastern Mole of the seaport; in position: Lat. 43°24'32,7" N, Long. 39°56'18,0" E; | 160 | 8,7 | 8740 | 140 | 20 | 7,65 | General cargoes handling |
| Berth No.2 | Cargo Area waters of the Sochi seaport in the estuary of Mzymta river bounded by a straight line connecting the ends of South-Western Mole and Eastern Mole of the seaport; in position: Lat. 43°24'36,5" N, Long. 39°56'12,4" E; | 160 | 8,7 | 8740 | 140 | 20 | 7,65 | General cargoes handling |
| Berth No.3 | Cargo Area waters of the Sochi seaport in the estuary of Mzymta river bounded by a straight line connecting the ends of South-Western Mole and Eastern Mole of the seaport; in position: Lat. 43°24'40,0" N, Long. 39°56'06,6" E; | 160 | 8,7 | 8740 | 140 | 20 | 7,65 | General cargoes handling |

| | | | | | | | | |
|---|---|-------|-----|------|---------------------------|----|------|--|
| Berth No.4 | Cargo Area waters of the Sochi seaport in the estuary of Mzymta river bounded by a straight line connecting the ends of South-Western Mole and Eastern Mole of the seaport; in position: Lat. 43°24'43,4" N, Long. 39°56'0,9" E; | 160 | 8,7 | 8740 | 140 | 20 | 7,65 | General cargoes handling |
| Berth No. 5 | Cargo Area waters of the Sochi seaport in the estuary of Mzymta river bounded by a straight line connecting the ends of South-Western Mole and Eastern Mole of the seaport; in position: Lat. 43°24'46,8" N, Long. 39°55'55,4" E; | 160 | 8,7 | 8740 | 140 | 20 | 7,65 | General cargoes handling |
| Berth No.6 | Cargo Area waters of the Sochi seaport in the estuary of Mzymta river bounded by a straight line connecting the ends of South-Western Mole and Eastern Mole of the seaport; in position: Lat. 43°24'42,7" N, Long. 39°55'51,7" E; | 167,2 | 8,7 | 8740 | 140 | 20 | 7,65 | Bulk cargoes handling |
| Berth No.7 | Cargo Area waters of the Sochi seaport in the estuary of Mzymta river bounded by a straight line connecting the ends of South-Western Mole and Eastern Mole of the seaport; in position: Lat. 43°24'39,2" N, Long. 39°55'56,8" E; | 155,4 | 8,7 | 6000 | 112,7 | 16 | 6,96 | Bulk cargoes handling |
| Bank protection of vertical type with under-berth slope | Cargo Area waters of the Sochi seaport in the estuary of Mzymta river bounded by a straight line connecting the ends of South-Western Mole and Eastern Mole of the seaport; in position: Lat. 43°24'46,4" N, Long. 39°55'50,9" E; | 150 | 8,7 | | | | | Bank protection |
| Pontoon Pier «A» | Cargo Area waters of the Sochi seaport in the estuary of Mzymta river bounded by a straight line connecting the ends of South-Western Mole and Eastern Mole of the seaport; in position: Lat. 43°24'32,7" N, Long. | 44,9 | | - | Ship length, metres 15 | - | - | Lying of pleasure craft, sailing and small vessels |

| | | | | | | | | |
|------------------|---|------|--|---|---------------------------|---|---|--|
| | 39°56'18,0" E; | | | | | | | |
| Pontoon pier «B» | Cargo Area waters of Cargo water area of the Sochi seaport in the estuary of Mzymta river bounded by a straight line connecting the ends of South-Western Mole and Eastern Mole of the seaport; in position: Lat. 43°24'32,7" N, Long. 39°56'18,0" E; | 44,9 | | - | Ship length, metres 15 | - | - | Lying of pleasure craft, sailing and small vessels |
| Pontoon Pier «C» | Cargo Area waters of the Sochi seaport in the estuary of Mzymta river bounded by a straight line connecting the ends of South-Western Mole and Eastern Mole of the seaport; in position: Lat. 43°24'32,7" N, Long. 39°56'18,0" E; | 44,9 | | - | Ship length, metres 15 | - | - | Lying of pleasure craft, sailing and small vessels |
| Pontoon Pier «D» | Cargo Area waters of the Sochi seaport in the estuary of Mzymta river bounded by a straight line connecting the ends of South-Western Mole and Eastern Mole of the seaport; in position: Lat. 43°24'32,7" N, Long. 39°56'18,0" E; | 74,8 | | - | Ship length, metres 25 | - | - | Lying of pleasure craft, sailing and small vessels |

Fishing Areas No. 1 and No. 8 in the seaport water area

The Fishing water area No. 1 is bounded by straight lines connecting the following positions: Lat. 43°23' 10,38" N, Long. 40°0'2,27" E in prohibited area of Psou river; Lat. 43°20' 39,05" N, Long. 39°59'6,83" E; Lat. 43°21' 30,41" N, Long. 39°55'36,24" E; Konstantinovskiy Mys - Lat. 43°23' 56,02" N, Long. 39°56'56,03"E; and further along the coastline till Lat. 43°23' 10,38" N, Long. 40°0'2,27" E in the prohibited area of Psou river. Coastline extends for 4,7 kilometers.

The Fishing water area No. 8 is bounded by straight lines connecting positions: Lat. 43°43' 8" N, Long. 39°33'0" E - Buu river; Lat. 43°45' 9" N, Long. 39°30'0" E - Yakornaya Shchel river; Lat. 43°40' 55" N, Long. 39°30'16" E and Lat. 43°44' 01" N, Long. 39°27'16" E. The area extends for 5 kilometres along the coastline and 5 kilometres seaward.

Minimum number and power of tugs required for mooring/unmooring operations in the seaport

- 1 Minimum number and power of tugs required for mooring/unmooring of cargo ships and tankers in the seaport

| Ship's deadweight (tons) | Minimum number and power of tugs (kilowatt, kW) (not less) | | Escort Tug |
|--------------------------|--|-------------------|-------------------|
| | berthing | unberthing | |
| 500-1500 400-2000 | 1 x 1180 kilowatt | 1 x 1180 kilowatt | 1 x 1180 kilowatt |
| 1501-15000 2001-10000 | 2 x 1180 kilowatt | 2 x 1180 kilowatt | 2 x 1180 kilowatt |

2. Minimum number and power of tugs required for mooring/unmooring of passenger vessels, roll-on/roll-off (ro-ro) vessels and container vessels in Cargo Area

| Ship's length (metres) | Minimum number and power of tugs (kilowatt, kW) (not less) | | Escort Tug |
|------------------------|--|-------------------|-------------------|
| | berthing | unberthing | |
| 60-90 | 1 x 1180 kilowatt | 1 x 1180 kilowatt | 1 x 1180 kilowatt |
| 91-120 | 2 x 1180 kilowatt | 2 x 1180 kilowatt | 1 x 1180 kilowatt |

3. Minimum number and power of tugs required for mooring/unmooring of passenger vessels and roll-on/roll-off (ro-ro) vessels in Inner Harbour and Cruise Harbour

| Ship's length (metres) | Minimum number and power of tugs (kilowatt, kW) (not less) | | Escort Tug |
|------------------------|--|-------------------|-------------------|
| | berthing | unberthing | |
| 60-90 | 1 x 1180 kilowatt | 1 x 1180 kilowatt | 1 x 1180 kilowatt |
| 91-200* | 2 x 1180 kilowatt | 2 x 1180 kilowatt | 1 x 1180 kilowatt |
| 201-311** | 2 x 2360 kilowatt | 2 x 2360 kilowatt | 2 x 2360 kilowatt |

*twin-screw vessel with a thruster being in working order is allowed to be assisted by one tug with a wind speed not exceeding 8 metres per second;

**twin-screw vessel with a thruster being in working order is allowed to be assisted by two tugs of 2360 kilowatt total power with a wind speed not exceeding 8 metres per second.

Compulsory Pilotage Areas

1. Pilotage Area No.1 is bounded by the coastline and straight lines joining the positions:

No. 1 - Lat. 43°34' 19,1" N, Long. 39°42'56,2" E;
No. 2 - Lat. 43°33' 30,0" N, Long. 39°42'30,0" E;
No. 3 - Lat. 43°33' 30,0" N, Long. 39°43' 12,0" E;
No. 4 - Lat. 43°33' 38,2" N, Long. 39°43' 12,9" E;
No. 5 - Lat. 43°33' 55,0" N, Long. 39°43'10,8" E;
No. 6 - Lat. 43°34' 04,8" N, Long. 39°43'18,2" E;
No. 7 - Lat. 43°34' 12,0" N, Long. 39°43' 16,0" E;
No. 8 - Lat. 43°34' 21,1" N, Long. 39°43' 09,2" E;
No. 9 - Lat. 43°34' 29,7" N, Long. 39°43'02,2" E;
No. 10 - Lat. 43°34' 31,3" N, Long. 39°42'58,3" E;
No. 11 - Lat. 43°34' 34,3" N, Long. 39°42' 56,7" E;
No. 12 - Lat. 43°34' 42,1" N, Long. 39°43' 00,0" E;

2. Pilotage Area No.2 is bounded by the coastline and straight lines joining the positions:

No. 1 - Lat. 43°24' 52,1" N, Long. 39°55'37,3" E;
No. 2 - Lat. 43°23' 57,0" N, Long. 39°54'25,0" E;
No. 3 - Lat. 43°23' 15,0" N, Long. 39°55' 27,0" E;
No. 4 - Lat. 43°24' 00,0" N, Long. 39°56' 20,5" E;
No. 5 - Lat. 43°24' 30,4" N, Long. 39°56'19,1" E;