

# **MINISTRY OF TRANSPORT OF THE RUSSION FEDERATION**

## **ORDER**

**No. 25, January the 23<sup>rd</sup>, 2018**

### **ON APPROVAL OF THE BY-LAWS IN THE SEA PORT OF YEVPATORIYA**

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 6), art. 6928; 2015, No. 1 (part I), art. 52, No. 29 (part I), art. 4339; 2016, No.27, art. 4215; 2017, No. 27, art. 3945, No. 30, art. 4457) it is hereby ordered:  
To approve the attached By-Laws in the seaport of Yevpatoriya.

Minister

M.Y. Sokolov

Approved  
by Order of Ministry of Transport  
of the Russian Federation  
dated January the 23rd , 2018, No. 25

## **BY-LAWS IN YEVPATORIYA SEAPORT**

### **I. General provisions**

1. The By-Laws in the Yevpatoriya seaport (hereinafter «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» (hereinafter «MSC») 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 (hereinafter «General Rules»).
2. These By-Laws comprise rules, regulations and relevant information as follows: description of the Yevpatoriya seaport (hereinafter «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 requirements and waste to be disposed in the seaport, quarantine requirements; means of communication to be used in the seaport water area and on its territory; the seaport limits; approaches to the seaport; operating range of Sea Area A1 of the Global Maritime Distress and Safety System (hereinafter «GMDSS»); seaport capability to accommodate vessels; compulsory pilotage area; depths available in the seaport water area and alongside berths of the seaport; 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 sea and weather 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 comply with the General Rules and these By-Laws.

## II. Seaport Description

5. The seaport is located in the north-western part of the Black Sea on the western coast of the Crimean peninsula and consists of the areas situated:
  - Area No. 1 – in the north-western part of Kalamitskiy gulf (hereinafter «Yevpatoriyskiy area»);
  - Areas No. 2 and No. 3 – in the south-western part of Donuzlav lake (hereinafter «Donuzlav areas»);
  - Area No. 4 – in Yarylgachskaya bay and Panskoye lake (hereinafter «Chernomorskiy area»);

The boundaries of the seaport are established by the Government Decree of the Russian Federation No. 262 –r dated February 20, 2016.

6. 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.
7. The seaport is an ice-free port.
8. Navigation in the seaport is performed taking into account the following hydro-meteorological factors:
  - during the period from November to March there is a north-easterly wind of hurricane force which can reach the velocity over 30 metres per second;
  - ice-covering of ships and hydraulic structures may occur as a result of stormy winds blowing from the northern directions in combination with the air temperature below zero.
  - the velocity of southerly winds can reach 25-30 metres per second while the sea height attain five metres in the water area of the seaport and three metres in the inner harbour of the seaport and in Donuzlav lake.
9. The seaport is defined as Sea Area A1 of the Global Maritime Distress and Safety System.
10. The seaport is capable of embarking/disembarking passengers, carrying out cargo operations, replenishing the stock of food, fresh water and receiving domestic waste at the seaport berths. The seaport has at its disposal facilities for repairing vessels' equipment and carrying out diver's survey of vessels.
11. The seaport capability to accommodate vessels is given in Chapter X and Appendix No. 1 to these By-Laws.
12. Anchorage Areas are to be referred to Appendix No. 2 to these By-Laws.
13. Communication channels of very high frequency (hereinafter «VHF channels») to be used in the seaport are indicated in Appendix No. 3 to these By-Laws.

14. Approaches to the seaport to be referred to Appendix No. 4 to these By-Laws.
15. Seaport canals to be referred to Appendix No. 6 to these By-Laws.
16. The compulsory pilotage area is established within the water area of the seaport.

### **III. Procedures for arrival at and departure from the seaport including the safety of navigation requirements**

17. Information of vessel's arrival at and departure from the seaport shall be forwarded to the Harbour Master to: [www.portcall.marinet.ru](http://www.portcall.marinet.ru). All vessels' movements and stay within the seaport water area including anchoring/weighing anchor, mooring/unmooring shall be performed in accordance with the schedule to be approved by the Harbour Master daily on the ground of information of vessels' arrival.
18. A vessel's clearance inwards or outwards is performed round the clock in the seaport.
19. A vessel is not required to be cleared inwards or outwards by the Harbour Master if she:
  - sails only within the seaport water area;
  - leaves the port limits provided the vessel is to return to the seaport after the period not exceeding 72 hours.
20. 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 a marine agent including the following:
  - IMO identification number (if applicable);
  - Side number (for fishing vessel);
  - Ship's name in Russian and Latin alphabet;
  - Ship's call sign;
  - Ship's flag;
  - Ship's MMSI number;
  - Name and IMO number of shipowner (if any);
  - Name and IMO number of operator of the ship (if any);
  - Ship's class and name of the classification society having given a class to the ship;

- Ship's main particulars (type, build year, gross tonnage, deadweight, length overall, extreme breadth, depth moulded, air draught, modulus, maximum draught, draught fore and aft, GMDSS area, authorized sailing area);
- operation activity in which a ship is engaged;
- list of crew members ( second name, first name, middle name if any, nationality, rank on board, date and place of birth, type and number of identity document);
- sailing area (fishing area);
- season and sailing area restrictions;
- ship security data;
- information with regard to sanitary and epidemic conditions on board ship;
- Information of malfunction of ship's cargo handling facilities (machinery), if any, as well as any non-compliance of the ship with the international requirements in respect of the safety of life at sea, maritime safety, marine environment protection, transport security.

21. 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 on condition that the vessel, its crew, hull, engines, machinery and equipment/devices are in compliance with the appropriate requirements in respect of safe navigation and protection of marine environment certified by the appropriate documents and an application have been submitted by the master of a vessel (shipowner) or a marine agent.

With respect to small vessels being in operation for non-commercial purpose as well as pleasure craft and sport sailing vessels 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 for the period while certificates as regards seaworthiness of the vessel being valid.

Small vessels being in operation for non-commercial purpose as well as pleasure vessels and sport sailing vessels are allowed to obtain the permit for sailing within the seaport water area and beyond its limits provided the vessel is to return to the seaport by e-mail after the appropriate documents required for granting of the above mentioned permit have been sent to the Harbour Master by e-mail.

Non self-propelled sport sailing vessels 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 the above mentioned permit. Whilst sailing within the seaport waters or entering/leaving the seaport or sailing on sea routes the above vessels shall not impede the movement of any other ship.

Every time when entering or leaving the seaport a vessel having in its possession the permit shall advise the Harbour Master of its intention to enter or leave the seaport on VHF Channel 11 (calling channel 16), call sign «Yevpatoriya-Port-Control».

22. If the data stated in the application submitted by the master of a vessel (shipowner) or a marine agent 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 expiry date of the existing permit, the master of the ship (shipowner) or a marine agent shall notify the Harbour Master and apply for the receipt of a new permit.

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

23. All vessels' movements and stay within the seaport water area including anchoring/weighing anchor, mooring/unmooring shall be performed with the permission and according to the schedule except for small vessels, sport sailing vessels and pleasure craft. The daily schedule is to be approved by the Harbour Master on the ground of information of vessel's arrival to be forwarded in accordance with paragraph 17 of these By-Laws.
24. Vessels are allowed to navigate in the seaport with a wind speed not exceeding 12 metres per second, wave height not over 1 metre and visibility at least 3 cables. Within the water area of the seaport dynamically-supported vessels and air supported vessels shall proceed only in the displacement mode.
25. All vessels' movements within the seaport water area including anchoring and weighing anchor shall be regulated by VTS in accordance with the daily schedule.
26. Tug assistance is available in the seaport and on the approaches to it. Minimum number and power of tugs required for vessel's mooring/unmooring in the seaport to be referred to Appendix No. 5 to these By-Laws.

A vessel having two or more thrusters or twin-screw vessel with a thruster is exempted from compulsory tug assistance.

27. A vessel having steering gear, main engine or anchor gear immobilized may be towed within the water area of the seaport only with the permission of the Harbour Master.
28. A vessel is allowed to be towed on the approaches to the seaport and within the water area of the seaport unless the length of a towing line exceeds 50 metres. Towing alongside of more than one vessel is prohibited.
29. Small vessels, sport sailing vessels and pleasure craft of less than 500 gross tonnage are prohibited in the water area of the seaport:
- to navigate with wind speed exceeding 12 metres per second, wave height over one metre and/or visibility of less than three cables;
  - to navigate without VHF radio communication with VTS;
  - to approach any vessel lying at anchor at a distance of less than one cable;
  - to proceed under sail alone, i.e. not under its own power;

- to cross another ship ahead as well as to manoeuvre in close proximity to a vessel under way or vessel engaged in dredging operation or floating crane;
  - to make fast to floating or fixed aids to navigation or anchor in proximity to them.
30. Before commencing any movement a vessel shall make a request to get underway on VHF channels 16 and 11 and obtain the permission from VTS. Unless within 20 minutes the vessel commences the movement permitted, permission is cancelled and shall be applied for again.
31. Vessels are prohibited to navigate in the canal and the water area of Panskoye lake at speed exceeding three knots. There is one-way traffic established for vessels navigating along canals of the seaport.
32. Exempt from compulsory pilotage:
- small vessels;
  - fishing vessels less than 55 metres in length;
  - pleasure craft less than 500 gross tonnage;
  - sport sailing vessels;
  - vessels less than 500 gross tonnage;
  - vessels engaged in the seaport operations for servicing and supplying ships within the seaport water area and on the approaches to it and objects of the seaport infrastructure;
  - vessels not exceeding 90 metres in length servicing and supplying objects being engaged in hydrocarbon production within Chernomorskiy area.
33. Pilot shall be embarked or disembarked:
- Yevpatoriyskiy area - in position Lat. 45°09,30' N, Long. 33°21,00' E;
  - Donuzlav area – in position Lat. 45°18,75' N, Long. 32°57,80' E;
  - Chernomorskiy area – in position Lat. 45°34,60' N, Long. 32°47,30' E.
  - A pilot may also be taken on board at anchorages given in Appendix No.2 to these By-laws or at berths of the seaport.
34. Unless the main engine, steering or anchor gear is operational a vessel shall be piloted with compulsory tug assistance.

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

35. The traffic control functions of VTS in all areas of the seaport waters are performed by the Harbour Master's Service.
36. Vessels navigating on approaches to the seaport and within the water area of the

seaport shall advise VTS (Harbour Master's Service) on VHF channel 11 of:

- an expected time of arrival at berth or anchorage of the seaport;
- vessel's draught;
- crossing the seaport limits;
- anchoring, weighing anchor;
- commencement and completion of vessel's movement;
- embarkation or disembarkation of a pilot;
- passing the entry buoys of the canal leading to Donuzlav lake in position Lat. 45°19,50' N, Long. 32°59,04' E;
- passing the entry buoys of the canal leading to Panskoye lake in position Lat. 45°33,60' N, Long. 32°48,30' E;

37. Should main engine, steering gear and/or shipborne navigational aids affecting safety of navigation fail the master of a vessel shall immediately advise the Harbour Master's Service.

## **VI. Vessels' Stay in the seaport at anchorages and alongside berths**

38. Vessels may ride to anchor within seaport waters in Anchorage Areas Nos. 378, 379, 381, 382 and anchorage area in Yarylgachskaya bay given in Appendix No. 2 to these By-Laws or lie alongside berths of the seaport.

39. With southerly or south-westerly winds exceeding 15 metres per second vessels lying in anchorage area No. 382 shall leave the water area of the seaport at the request of the Harbour Master.

40. With north-easterly wind reaching over 12 metres per second vessels lying alongside berths of the seaport in Donuzlav areas shall leave the berths and either proceed to anchorages No. 378, 379, 381 or leave the seaport in accordance with the directions of the Harbour Master.

41. Shifting alongside the quay without tug assistance and a pilot available on board is allowed for a distance not exceeding the vessel's length with vessel's mooring lines being secured to bollards and the main engine ready for immediate use.

42. Within the water area of Yevpatoriya bay mooring of vessels exceeding 100 metres in length which freeboard is more than six metres with southerly winds over nine metres per second shall be carried out with the assistance of two tugs having power of not less than 882 kW each.

43. Mooring/unmooring of all vessels of 500 gross tonnage and over shall be carried out in the seaport with compulsory tug assistance, for details refer to Appendix No. 5 to these By-Laws.

44. When berthing of vessels there will be the following number of mooring linesmen depending on the vessel's gross tonnage:

Vessel's gross tonnage, tons	Number of mooring linesmen
up to 300 t	1
from 301 up to 1500	2
from 1 501 up to 3000	3
from 3001 up to 5 000	4
Over 5001	5

As well as a person in charge of mooring gang to be available on the berth provided with a portable radio station to have communications with a shipmaster.

45. Diving operations in the seaport water area may be carried out with the permission of the Harbour Master on the ground of an application for underwater operations including the name of an organization or person conducting the underwater works as well as reason, date, time and place of such operations which is to be submitted not less than 24 hours prior to the commencement of the underwater works.
46. Vessels alongside berths are prohibited to keep their radar stations in the high-frequency radiation mode.
47. When alongside the quay a vessel is allowed to turn her propellers at low revolutions for the short time period for testing the main engine.
48. Shipboard operations requiring the immobilization of the main engine, steering or anchor gear as well as hot works or diving operations within the water area of the seaport shall be performed with the permission of the Harbour Master and to be agreed upon with the berth operator.

## **VII. Ecological requirements, waste to be disposed in the seaport, quarantine requirements**

49. All waste generated during the normal operation of the ship as defined in Annexes I, IV and V to the International Convention for the Prevention of Pollution from Ships, 1973/78, will be received in the seaport.
50. All waste from vessels liable to be disposed to the seaport reception facilities shall be separated according to the categories.
51. Oily and sewage water will not be removed from vessels lying at anchorages.
52. Oily and sewage water will be discharged from vessels lying alongside berths to a waste disposal vessel or tank truck on shore.

53. The ballast water from the segregated ballast tanks is permitted to be discharged in the seaport provided the ballast water has been taken or exchanged in the Black Sea at least 50 nautical miles from the nearest land and in water at least 200 meters in depth and the appropriate entry made in the Ballast Water Record Book.
54. Within the water area of the seaport and on approaches to it vessels are prohibited:
- to discharge overboard sewage water;
  - to dispose overboard wastes of any description;
  - to have naked lights aboard and burn refuse of any description;
  - to emit harmful substances into atmosphere unless the requirements for the prevention of air pollution from ships are complied with;
  - to clean, chip and paint vessel's hull including underwater hull cleaning without the permission of the Harbour Master;
  - to wash vessel's holds, decks and superstructure if the washing water that to be disposed overboard is contaminated by oil products or other harmful substances.
55. The master of a vessel shall immediately inform the Harbour Master of any pollution occurred within the seaport water area on VHF channels 16 and 11 including the following:
- time when oil/oil products spill was observed;
  - sea and weather conditions (sea state, velocity and direction of wind, visibility);
  - nature of pollution and its extension;
  - alleged source of pollution.
56. Should there be a suspected case of a highly infectious disease among the crew and passengers the vessel is required to proceed to anchorage area No. 381 in order to take epidemic preventive measures.

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

57. Vessels which are not fitted with shipboard radio station to keep radio watch on VHF channels indicated in Appendix No. 3 to these By-Laws are prohibited to navigate within the water area of the seaport.

All radio conversations regarding safety of navigation are conducted in the seaport on VHF Channels 11 and 16. Any radio conversations on the above mentioned channels are prohibited unless pertaining to the safety of navigation or traffic control.

58. Urgent messages in the seaport are transmitted to vessels on VHF channel 11. Vessels lying at anchorages of the seaport shall maintain continuous radio watch

on VHF Channels 11 and 16. Vessels lying alongside berths of the seaport shall keep constant VHF radio watch on Channel 11.

## **IX. Sea Area A1 of the Global Maritime Distress and Safety System**

59. The seaport defined as GMDSS Sea Area A1 is in close liaison with the Maritime Rescue Sub-Centre «Sevastopol».
60. The operating area of GMDSS Sea Area A1 is bounded by an arc radius 90 nautical miles centered in position Lat. 44°37,00' N, Long. 33°32,00' E.

## **X. Seaport capability to accommodate vessels**

61. The seaport is accessible:
  - in Yevpatoriyskiy area to vessels of up to 130 metres in length with a draught up to 4 metres;
  - in Donuzlav areas to vessels of up to 120 metres in length with a draught up to 4 metres;
  - in Chernomorskiy area to vessels of up to 135 metres in length with a draught up to 6 metres.
62. Data with regard to technical capabilities of the seaport to accept vessels and berths particulars to be referred to Appendix No.1 to these By-Laws.
63. Information of actual water depths alongside berths of the seaport and maximum allowable draughts of vessels is brought to mariners' notice by the Harbour Master annually or in case of any change.

## **XI. Dangerous Goods Handling**

64. Dangerous cargoes of IMO Classes 1-6 and 8 are handled at berth No. 3 in Chernomorskiy area of the seaport.

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

65. 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.
66. The Harbour Master is to be provided by the marine terminal operators with

information of the security level set on seaport facilities and by masters of ships of the security level set on ships staying in the seaport as well as of any changes in their security levels.

67. Notification of a threat of unlawful interference act in the seaport and change in the ship's security level as well as acknowledgment of the receipt of such notification shall be made on VHF Channels immediately after the circumstances specified in the above notification have occurred.
68. Masters of ships shall immediately inform the Harbour Master, the port facility security officer on VHF working 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.

### **XIII. Transmission of navigation and hydro-meteorological information to the masters of vessels in the seaport**

69. Daily navigation and hydro-meteorological information is transmitted at 12:00 local time by Harbour Master's Service on VHF Channel 11 and includes:
  - sea and weather forecast and warnings;
  - condition of aids to navigation;
  - factors impeding navigation of vessels.
70. Urgent navigation information, gale warnings and other urgent messages are transmitted on VHF channel 11 by the Harbour Master. Having received the above mentioned information the master of a vessel shall make acknowledgement of the receipt.

**Seaport capability to accommodate vessels, berths particulars and depths  
alongside berths**

Berth	Berth position	Berth details	
		Length (metres)	Depth (metres)
<b>Yevpatoriyskiy area</b>			
Cargo and passenger berth No. 3	Bearing 300° and distance 1,5 cables from beacon on berth No.2	154,00	4,3
Cargo and passenger berth No. 4	Bearing 310° and distance 2,0 cables from beacon on berth No.2	145,90	4,6
Cargo berth No.5	Bearing 315° and distance 2,6 cables from beacon on berth No.2	149,00	4,8
Cargo and passenger berth No. 6 with bank protection	Bearing 325° and distance 3,5 cables from beacon on berth No.2	174,00	3,2
Passenger pier «Park Frunze»	Bearing 255° and distance 7,2 cables from beacon on berth No.2	143,00	2,5
<b>Donuzlav areas</b>			
Cargo berth, North spit	Bearing 325° and distance 1,0 cables from red beacon on the North spit	152,30	4,2
<b>Chernomorskiy area</b>			
Port Fleet berth (auxiliary)	Bearing 230° and distance 4,5 cables from green beacon on the West spit	154,10	6,5
Berth No.1 technological	Bearing 240° and distance 3,0 cables from green beacon on the West spit	205,5	6,5
Berth No.2 technological	Bearing 250° and distance 3,0 cables from green beacon on the West spit	167,5	6,5
Berth No.3 technological	Bearing 260° and distance 3,0 cables from green beacon on the West spit	151,7	6,2
Northern berth technological	Bearing 265° and distance 2,0 cables from green beacon on the West spit	101,10	6,2
Extended part of Northern berth technological	Bearing 265° and distance 1,5 cables from green beacon on the West spit	289,4	6,3
Southern berth technological	Bearing 225° and distance 4,0 cables from green beacon on the West spit	502,2	6,5

### **Anchorage Areas**

Anchorage area No. 378 is located westward of the entrance canal to Donuzlav lake and bounded by straight lines joining the following positions:

Lat. 45°19,59' N, Long. 32°55,80' E;  
Lat. 45°20,52' N, Long. 32°56,60' E;  
Lat. 45°19,70' N, Long. 32°58,40' E;  
Lat. 45°19,03' N, Long. 32°57,19' E.

Anchorage area No. 379 is located south-eastward of Karakul cape in Donuzlav lake and bounded by straight lines joining the following positions:

Lat. 45°20,94' N, Long. 33°00,50' E;  
Lat. 45°21,65' N, Long. 33°01,53' E;  
Lat. 45°21,10' N, Long. 33°01,50' E;  
Lat. 45°20,89' N, Long. 33°01,10' E.

Anchorage area No. 381 is located southward of the entrance canal to Donuzlav lake and bounded by straight lines joining the following positions:

Lat. 45°18,15' N, Long. 32°58,58' E;  
Lat. 45°18,85' N, Long. 32°59,64' E;  
Lat. 45°17,48' N, Long. 33°01,53' E;  
Lat. 45°16,80' N, Long. 33°00,50' E.

Anchorage area No. 382 is located south-eastward of Karantinnyy cape and contained by a circle of 3,5 cables radius centered in position:

Lat. 45°10,00' N, Long. 33°23,70' E.

Anchorage area is located in Yarylgachskaya bay southward of Chyornyy cape and bounded by straight lines joining the following positions:

Lat. 45°34,03' N, Long. 32°48,80' E;  
Lat. 45°34,33' N, Long. 32°48,89' E;  
Lat. 45°34,61' N, Long. 32°49,48' E;  
Lat. 45°34,47' N, Long. 32°50,33' E.

### Very High Frequency communication channels in the seaport

<b>Name</b>	<b>VHF Channels</b>	<b>Call sign</b>
Harbour Master's Service (VTS) in Yevpatoriyskiy area	16, 11	«Yevpatoriya–Port-Control»
Harbour Master's Service (VTS) in Donuzlav areas	16, 11	«Yevpatoriya–Radio-5»
Harbour Master's Service (VTS) in Chernomorskiy area	16, 11	«Yarylgach–Port-Control»
Dispatcher of Yevpatoriya seaport	11	«Kalmar-2»
Dispatcher of «Chernomorneftegas»	6	«Yarylgach-92»

### **Approaches to the seaport**

Approaches to the seaport in Yevpatoriyskiy area are bounded by an arc radius three nautical miles centered in position Lat.  $45^{\circ}11,17'$  N, Long.  $33^{\circ}22,85'$  E, the coastline and the limit of the water area of the seaport.

Approaches to the seaport in Donuzlav areas are bounded by straight lines joining the following positions:

Lat.  $45^{\circ}19,66'$  N, Long.  $32^{\circ}59,80'$  E;

Lat.  $45^{\circ}19,51'$  N, Long.  $32^{\circ}59,28'$  E;

Lat.  $45^{\circ}17,70'$  N, Long.  $32^{\circ}55,85'$  E;

Lat.  $45^{\circ}17,82'$  N, Long.  $32^{\circ}55,70'$  E.

Approaches to the seaport in Chernomorskiy area are bounded by straight lines joining the following positions:

Lat.  $45^{\circ}36,40'$  N, Long.  $32^{\circ}45,20'$  E;

Lat.  $45^{\circ}34,15'$  N, Long.  $32^{\circ}48,20'$  E;

Lat.  $45^{\circ}34,03'$  N, Long.  $32^{\circ}48,00'$  E;

Lat.  $45^{\circ}36,30'$  N, Long.  $32^{\circ}45,15'$  E.

**Minimum number and power of tugs required for mooring/unmooring operations  
in the seaport (not less)**

Ship's gross tonnage	Minimum number and power of tugs (kilowatt, kW)	
	berthing	unberthing
From 501 up to 1500	1 x 220 or 1 x 882	1 x 220 or 1 x 882
From 1501 up to 3500	2 x 441 or 1 x 882 and 1 x 220	2 x 441 or 1 x 882 and 1 x 220
From 3501 up to 5 000	1 x 882 1 x 220	1 x 882 1 x 220

### **Seaport canals**

Canal leads to Donuzlav lake, axis with direction  $52,5^{\circ}$  -  $232,5^{\circ}$  is between position Lat.  $45^{\circ}19,40'$  N, Long.  $32^{\circ}58,80'$  E and position Lat.  $45^{\circ}20,25'$  N, Long.  $33^{\circ}00,40'$  E. The canal is marked by buoys and has the length of 1,4 nautical miles, width – 120 metres and depth – 10 metres.

Canal leads from Yarylgachskaya bay to Panskoye lake , axis with direction  $03^{\circ}$  -  $183^{\circ}$  is between position Lat.  $45^{\circ}33,64'$  N, Long.  $32^{\circ}48,38'$  E and position Lat.  $45^{\circ}33,20'$  N, Long.  $32^{\circ}48,35'$  E. The canal is marked by buoys and has the length of 0,5 nautical mile, width – 100 metres and depth – 9 metres.