

Port of Murmansk.

Geographical coordinates of port:

Latitude - 69 - 00.0 North; Longitude - 033 -04.0 East.

Port of Murmansk is the world's largest port located behind polar circle. It is situated on the Kola peninsula at coast of Barents Sea.

Murmansk is the most Northern nonfreezing port in Russia. Only in very severe winters Kola bay's port area entirely becomes covered with ice. In these cases vessel's pilotage is carried out by ice-breakers and port tugs.

Depths on fairway and roads, which length is 22 miles, are quite deep that provides availability to work with any type of vessels.

On the water area adjoining to Murmansk, the berths of Murmansk Sea Commercial and Fishery Ports, Passenger Terminal, Oil Terminal, Ship repairing yards, various civil organizations and Naval units are situated.

Commercial port's area is divided into 3 cargo terminals. The first one is specialized on re-handling of apatite concentrate and mineral fertilizers. It consists of berths # 18 and 19. Specialized reloading equipment including railway trestle for unloading of railroad cars, the bunker-stores by capacity of 25000 mt, three reloading installations by productivity up to 1200 tons per hour each is installed.

The second cargo terminal specializes basically on re-handling bulk cargoes (ore, imported alumina). Besides handling of ISO containers, general cargoes to Dudinka, Spitsbergen and other ports of the Arctic coast of Russia is carried out. It includes 5 berths with depths up to 12,5 m.

On the third cargo terminal bulk and general cargoes is re-handled. It includes 9 cargo berths of depths from 7,7 up to 10,0 m and equipped by portal cranes. On six of them cargo works might be carried out as "railroad car - vessel " and vice versa.

Totally 16 cargo and 5 auxiliary berths are used in Commercial port. Their general extent is more than 3,4 km.

Most of them are equipped with railroads.

There are more than 50 portal cranes with capability from 5 up to 40 t, more than 120 fork-lifts from 1,5 up to 10 tons, special towing cars and rolltrailers, container loaders, 3 sets of specialized equipment for re-handling of mineral fertilizers.

In Commercial to port there are 6 covered storehouses of total area 28400m². One of them in capacity of 25 thousand tons is intended for storage apatite concentrate and mineral fertilizers. The total area of opened-air storages is 66000m².

Such export cargoes as apatite and iron ore concentrates, pellets, black and nonferrous metals, mineral fertilizers are processed in Commercial Port. Grain in bulk and alumina belong into a number of most stable import streams.

Among coasting cargoes dominate various cargoes intended for settlements of East and Western Arctic regions, Spitsbergen, cooper-nickel ore from Norilsk, coal from Spitsbergen, non-ferrous metals (copper, nickel) prevail. The re-handling of rubble is made for local needs.

In Commercial port heavy cargoes in weight of one place up to 40 tons can be re-handled.

The passenger area includes a passenger pier with two berthes a length of 148 m for a liner fleet, 3 floating piers for coasting vessels and passenger terminal. Depths at a pier are 6,5 m and at floating piers - up to 7,8 m.

There are 50 berthes of a small length with depths from 6,0 up to 8,5 m and general extent about 4,0 kms in the fishery port. Gantry cranes with capability from 3,2 up to 6 tns are established basically on berthes. There are some cranes with capability 10 tns. The port is divided into areas: 1-st and 2-nd cargo areas and coal base (3-rd cargo area).

Oil terminal consists of pier for oil tankers a length of 336 m on which almost all kinds of a bunker fuel are handled.

In a parallel way to it one more bunkering jetty is built. The total capacity of storage tanks for bunker fuel is about 100 000 tns.

50 berthes are belonged to the various enterprises and companies of town. The main part of them is intended for repairing, maintenance service, technical supervising, non-operated vessels and the various auxiliary purposes. However some berthes (especially JSC "Murmansk shipyard") are used for re-handling commercial cargos.

The commercial port and passenger area are serviced by about 50 boats of the harbor fleet including tugs of various power, launches and mooring boats, bunker fuel boats, bunker oil boats and water boat for supply by fuel oil and water to vessels on roads and at berthes. Their figure includes also passenger boats for 80 and 180 passengers used for local transportation.

Maritime administration of port Murmansk operates in port.

BERTHES in PORT of MURMANSK

No.	Description	Length, m	Depth, m	Cargo facilities	Storehouse, open-air / covered	Managing Company
Murmansk Sea Commercial Port						
2	Bulk cargo	195	8,2	30 portal cranes	open/cov.	JSC «Murmansk Commercial Seaport»
3	Non-operated vsls	127	10,0		-- /cov.	
4	Bulk cargo	207	10,7		open/ --	
5	General cargo	103	6,0		-- /cov.	
6	Bulk cargo	85	6,0		open/ --	
7	Bulk cargo	202	10,0		open/ --	
8	General cargo	231	6,6		-- /cov.	
9	Bulk cargo	213	10,2		open/ --	
10	Bulk cargo	240	10,2		open/cov.	
11	Auxiliary fleet	32	4,5		---	
12	Harbor fleet	198	12,5		---	
13	Bulk cargo	260	11,4	19 portal cranes	open/ --	
14	Bulk cargo	265	15,0		open/cov.	
15	General cargo	190	10,0		-- /cov.	
16	Harbor fleet	75	9,2	---	---	
17	Alumina cargo	247	12,5	Special facilities	---	
17o	Harbor fleet	68	6,0	---	---	
18	Bulk cargo	187	10,9	Special facilities	-- /cov.	
19	Fertilizer cargo	198	11,0	Special facilities	-- /cov.	
Passenger Terminal						
31	Passenger	148	6,5	---	---	---
32	Passenger	148	6,5			
33	Passenger	49	2,5			
34	Passenger	49	5,5			
35	Passenger	68	1,3			
36	Passenger	68	7,8			
37	Passenger	34	1,3			
38	Passenger	34	4,0			

Murmansk Sea Fishing Port						
0	Passenger	26	7,2	---	---	JSC «Murmansk Sea Fishing Port»
1	Non-operated vsls	56	7,2			
2	Non-operated vsls	56	7,2			
3	Ship repairing	56	7,2	5 cranes	---	JSC «Murmansk Sea Fishing Port»
4	Refrigerated cargo	56	7,2			
5	Refrigerated cargo	57	7,2			
6	Refrigerated cargo	57	7,2	---	---	JSC «Murmansk Sea Fishing Port»
6-a	Non-operated vsls	29	6,0			
7	Refrigerated cargo	45	7,2			
8	Refrigerated cargo	72	7,2	2 cranes	---	JSC «Murmansk Sea Fishing Port»
9	Refrigerated cargo	72	7,2			
10	Refrigerated cargo	72	7,2	---	---	JSC «Murmansk Sea Fishing Port»
11	Refrigerated cargo	73	7,2	4 cranes		
12	Refrigerated cargo	55	7,2			
13	Refrigerated cargo	55	7,2			
14	Refrigerated cargo	55	7,2	---	---	JSC «Murmansk Sea Fishing Port»
15	Refrigerated cargo	55	7,2			
16	Refrigerated cargo	55	7,2			
17	Refrigerated cargo	55	7,2	5 cranes	---	JSC «Murmansk Sea Fishing Port»
18	Non-operated vsls	51	6,0			
19	Non-operated vsls	51	6,0			
20	Non-operated vsls	51	6,0	---	---	JSC «Murmansk Sea Fishing Port»
21	Non-operated vsls	51	6,0			
22	General cargo	42	7,3	1 crane	---	JSC «Murmansk Sea Fishing Port»
23	General cargo	41	7,3	---		
24	General cargo	61	7,3			
25	Ship repairing	63	6,5	2 cranes	---	JSC «Murmansk Sea Fishing Port»
26	Ship repairing	63	6,0			
27	Ship repairing	63	6,0			
28	Ship repairing	64	6,0	---	---	JSC «Murmansk Sea Fishing Port»
29	Ship repairing	63	6,0			
30	General cargo	63	6,0	1 crane	---	JSC «Murmansk Sea Fishing Port»
31	General cargo	63	6,0	12 cranes		

32	General cargo	85	8,5			Port»
33	General cargo	85	8,5			
34	General cargo	78	8,5			
35	General cargo	73	8,5			
36	General cargo	74	8,5			
37	General cargo	115	7,3			
38	General cargo	115	7,3			
39	General cargo	125	8,5	19 cranes	---	JSC «Murmansk Sea Fishing Port»
40	General cargo	125	8,5			
41	General cargo	125	8,5			
42	General cargo	125	8,5			
43	General cargo	125	8,5			
44	General cargo	125	8,5			
45	General cargo	125	8,5			
45-a	Auxiliary fleet	53	8,5	---		
n/n	Coal cargo	299	8,3	5 cranes	---	
Oil terminal						
1	Oil	336	7,2	---	---	LLC «MurmanOil»
2	Oil	332	7,2			
Murmansk Shipyard						
1-9	Ship repairing	489	6,5	2 cranes	---	LLC «Murmansk Shipyard»
10	Metal scrap	90	6,5	---	---	JSC «Murmet "
11	General cargo	91	6,5	1 crane		
12	Ship repairing	90	6,5	1 crane	---	LLC «Murmansk Shipyard»
13	Ship repairing	91	6,5	---		
14	Ship repairing	90	6,5	1 crane		
15	Ship repairing	91	6,5	---		
16	Ship repairing	90	6,5	---		
17	Ship repairing	90	6,5	1 crane		
n/n	Ship repairing	270	7,5	3 cranes		
n/n	Ship repairing	270	7,5			
n/n	Ship repairing	108	6,5	---		
n/n	Ship repairing	108	6,5			

Draft Limitations

Place	MAX draft, m	MAX length, m	MAX breadth, m
Outer road	19,0 & more	unlimited	unlimited
Commercial port	16,0	270	-
Commercial port, Alumina terminal	10,2	-	-
Commercial port, Apatite terminal	10,2	-	-
Commercial port, Fertilizer terminal	10,2	-	-
Fishing port, cargo berthes	8,2	200	-
Fishing port, oil terminal	7,5	-	-
Passenger terminal	6,0	-	-

Sketch of Port

