

**Data sheet
confirming technical fitness of PJSC "NCSP" Sheskhari Terminal Berth 1
to accept tankers in for oil loading.**

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Vessel type	Oil tanker		
4	Hull type	Double hull		
5	Deadweight	140.000 t. - 242.000 t.		
6	Tanker's length/width	265,0 m – 332,0 m beam (width) up to 56,0 m		
7	Permissible berthing draft	23,4 m* Approach channel draught – 19,0 m.		
8	Minimum loaded freeboard	6,25 m		
9	Number of cargo manifolds for midship hose connection	3x16"		
10	Type of cargo manifold flanges	ANSI 150 lbs RF		
11	Flange thickness for 16" manifold connections	35 - 40 mm		
12	Distance between cargo manifold flange centerlines	at least 2 m		
13	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,0 m		
14	Distance (height wise) from drip tray (free space) to cargo manifold middle	0,7 – 1,3 m		
15	Distance between deck railing and cargo manifolds	4,5 m		
16	Maximum height of cargo manifolds above sea in ballast	up to 25,0 m		
17	Maximum load rate	At least 10 140 t/h		
18	Average oil load rate	at least 9 000 t/h		
19	Minimum oil load rate	675 t/h		
20	Oxygen content in cargo tanks atmosphere	no more than 8%		
21	Installation of starboard gangway on tanker's deck	Free deck space 3x3 m in the location of first bow cargo manifold at the distance ranging from 17 m to 30 m towards tanker's bow.		
	*Canal draught at berth is established by the Order of Novorossiysk Sea Port Master and can be changed.			
	**Data sheet Q88 for subject tanker is annexed to the request			

Data sheet
confirming technical fitness of PJSC "NCSP" Sheskharis Terminal Berth 1A
to accept tankers in for oil loading.

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Vessel type	Oil tanker		
4	Hull type	Double hull		
5	Deadweight	80.000 t - 170.000 t		
6	Tanker's length/width	232 m – 290 m beam (width) up to 52 m		
7	Permissible berthing draft	19,4 m* Approach channel draught – 19,0 m.		
8	Minimum loaded freeboard	4,8 m		
9	Number of cargo manifolds for midship hose connection	3x16"		
10	Type of cargo manifold flanges	ANSI 150 lbs RF		
11	Flange thickness for 16" manifold connections	35 - 40 mm		
12	Distance between manifold flange centerlines	at least 2,0 m		
13	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,0 m		
14	Distance (height wise) from drip tray (free space) to cargo manifold middle	0,7 – 1,3 m		
15	Distance between deck railing and cargo manifolds	4,5 m		
16	Maximum height of cargo manifolds above sea in ballast	up to 25,0 m		
17	Maximum load rate	DW = up to 120 000 t 8 500 t/h DW = 140 000 t 10 140 t/h		
18	Average oil load rate	DW = up to 120 000 t 6 000 t/h DW = 140 000 t and more 9 000 t/h		
19	Minimum load rate	675 t/h		
20	Oxygen content in cargo tanks atmosphere	no more than 8%		
21	Installation of starboard gangway on tanker's deck	Free deck space 3x3 m in the location of last stern cargo manifold at the distance of 20 m towards tanker's stern.		
*Canal draught at berth is established by the Order of Novorossiysk Sea Port Master and can be changed.				
**Data sheet Q88 for subject tanker is annexed to the request				

Data sheet
confirming technical fitness of PJSC “NCSP” Sheskharis Terminal Berth 2
to accept tankers in for gasoline loading.

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	40 000 – 105 500 t		
4	Tanker’s length/width	175,0 – 258,0 m beam (width) - 48,3 m		
5	Permissible berthing draft	13,7 m*		
6	Minimum loaded freeboard	2,5 m		
7	Tank vapour recovery system. Stationary inert gas system for cargo tanks	Evidence of availability and good working condition.		
8	Maintaining oxygen level in cargo tanks atmosphere through the duration of loading.	no more than 5%		
9	Quantity and diameter of cargo manifolds for midship hose connection.	2x16”		
10	Type of cargo manifold flanges.	ANSI 150 lbs RF		
11	Manifold flange thickness.	36,6-39,8 mm		
12	Quantity and diameter of Vapour manifolds (vapour recovery). Onboard location.	1x10” midship, outermost, stern side		
13	Vapour manifold flange	ANSI 150 lbs RF		
14	Vapour manifold flange thickness	30,2-33,4 mm		
15	Special requirements to Vapour flange	<u>The flange must be devoid of special stud</u>		
16	Distance between one cargo manifold and stern VAPOUR manifold (midship, stern side)	In the range 9,0 – 13,0 m		
17	Distance between the other cargo manifold and stern VAPOUR manifold (midship, stern side)	6,0 – 11,0 m		
18	Distance between cargo manifold flange centerlines	at least 2,0 m		
19	Width of drip tray (free space) from 16” cargo manifolds to its edge	at least 1,2 m		
20	Distance (height wise) from drip tray to cargo manifold middle	0,6 – 1,3 m		
21	Distance between deck railing and cargo manifolds	4,5 m		
22	Maximum/minimum height of cargo manifolds above sea in ballast.	18,0 m / 4,0 m		
23	Maximum gasoline load rate, which tanker must ensure	2520 t/h		
24	Average load rate, which tanker must ensure	1300 t/h		
25	Minimum gasoline load rate	420 t/h		
26	SBT discharge	Portside		
27	Accommodation ladder’s location on starboard	at 25 meters from stern VAPOUR manifold (midship, stern side)		

	*Canal draught at berth is established by the Order of Novorossiysk Sea Port Master and can be changed.
	**Data sheet Q88 for subject tanker is annexed to the request
	***Manifold layout with ID numbers for cargo manifolds and distances between them (including VAPOUR manifold) on starboard is annexed to the request. Appendix 1

**Data sheet
confirming technical fitness of PJSC "NCSP" Sheskhari Terminal Berths 6-7
to accept tankers in for gasoline loading.**

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	15 000 – 65 500 t		
4	Tanker's length/width	up to 245,0 m beam (width) - 36,0 m		
5	Permissible berthing draft	Berth 6: 12,5 m* Berth 7: 12,6 m*		
6	Minimum loaded freeboard	2,5 m		
7	Tank vapour recovery system. Stationary inert gas system for cargo tanks	Evidence of availability and good working condition.		
8	Maintaining oxygen level in cargo tanks through the duration of loading.	no more than 5%		
9	Quantity and diameter of cargo manifolds for midship hose connection.	2x16"		
10	Type of cargo manifold flanges.	ANSI 150 lbs RF		
11	Manifold flange thickness.	36,6-39,8 mm		
12	Quantity and diameter of Vapour manifolds (vapour recovery). Onboard location.	1x10" midship, outermost, stern side		
13	Vapour manifold flange	ANSI 150 lbs RF		
14	Vapour manifold flange thickness	30,2-33,4 mm		
15	Special requirements to Vapour flange	<u>The flange must be devoid of special stud</u>		
16	Distance between one cargo manifold and stern VAPOUR manifold (midship, stern side)	In the range 13,0 +/- 11,0 m		
17	Distance between the other cargo manifold and stern VAPOUR manifold (midship, stern side)	In the range 9,5 +/- 1,5 m		
18	Distance between cargo manifold flange centerlines	at least 2,0 m		
19	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,2 m		
20	Distance (height wise) from drip tray to cargo manifold centerline	0,6 – 1,3 m		
21	Distance between deck railing and cargo manifolds	4,5 m		
22	Maximum/minimum height of cargo manifolds above sea in ballast.	13,5 m / 2,5 m		

23	Average load rate, which tanker must ensure	1200 t/h		
24	Maximum gasoline load rate, which tanker must ensure	1610 t/h		
25	Minimum gasoline load rate	420 t/h		
26	SBT discharge	Berth 6 - Portside Berth 7 - Starboard		
*Canal draught at berth is established by the Order of Novorossiysk Sea Port Master and can be changed.				
**Data sheet Q88 for subject tanker is annexed to the request				
***Manifold layout with ID numbers for cargo manifolds and distances between them (including VAPOUR manifold) on starboard is annexed to the request. Appendix 1				

**Data sheet
confirming technical fitness of PJSC "NCSP" Sheskhari Terminal Berth 3
to accept tankers in for gasoline loading.**

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	3 000 – 47 197 t		
4	Tanker's length/width	182, 5 m (205 m) beam (width) - 32,2 m		
5	Permissible berthing draft	10,6 m*		
6	Minimum loaded freeboard	2,0 m		
7	Tank vapour recovery system. Stationary inert gas system for cargo tanks	Evidence of availability and good working condition.		
8	Maintaining oxygen level in cargo tanks atmosphere through the duration of loading.	no more than 5%		
9	Quantity and diameter of cargo manifolds for midship hose connection.	2x16"		
10	Type of cargo manifold flanges.	ANSI 150 lbs RF		
11	Manifold flange thickness.	36,6-39,8 mm		
12	Quantity and diameter of Vapour manifolds (vapour recovery). Onboard location.	1x10" midship, outermost, stern side		
13	Vapour manifold flange	ANSI 150 lbs RF		
14	Vapour manifold flange thickness	30,2-33,4 mm		
15	Special requirements to Vapour flange	<u>The flange must be devoid of special stud</u>		
16	Distance between one cargo manifold and stern VAPOUR manifold (midship, stern side)	In the range 10,5 +/- 1,5 m		
17	Distance between the other cargo manifold and stern VAPOUR manifold (midship, stern side)	In the range 7,0 +/- 1,5 m		
18	Distance between cargo manifold flange centerlines	at least 2,0 m		
19	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,2 m		

20	Distance (height wise) from drip tray to cargo manifold middle	0,6 – 1,3 m		
21	Distance between deck railing and cargo manifolds	4, 5 m		
22	Maximum/minimum height of cargo manifolds above sea in ballast	13,0 m /2,0 m		
23	Maximum gasoline load rate, which tanker must ensure	1610 t/h		
24	Average load rate, which tanker must ensure	1200 t/h		
25	Minimum gasoline load rate	420 t/h		
26	SBT ballast discharge	Portside		
*Canal draught at berth is established by the Order of Novorossiysk Sea Port Master and can be changed				
**Data sheet Q88 for subject tanker is annexed to the request				
***Manifold layout with ID numbers for cargo manifolds and distances between them (including VAPOUR manifold) on starboard is annexed to the request. Appendix 1				

**Data sheet
confirming technical fitness of PJSC "NCSP" Sheskhari Terminal Berth 8
to accept tankers in for gasoline loading.**

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	3 300 – 12 000 t		
4	Tanker's length/width	73,0 - 140,0 m beam (width) up to 17,5 m		
5	Permissible berthing draft	8,9 m*		
6	Minimum loaded freeboard	1,3 m		
7	Tank vapour recovery system. Stationary inert gas system for cargo tanks	Evidence of availability and good working condition.		
8	Maintaining oxygen level in cargo tanks atmosphere through the duration of loading.	no more than 5%		
9	Quantity and diameter of cargo manifolds for midship hose connection.	1x10"		
10	Type of cargo manifold flanges.	ANSI 150 lbs RF		
11	Cargo manifold flange thickness.	28,6-33,6 mm		
12	Quantity and diameter of Vapour manifolds (vapour recovery). Onboard location.	1x6" midship, outermost, bow side		
13	Vapour manifold flange	ANSI 150 lbs RF		
14	Special requirements to Vapour flange	<u>The flange must be devoid of special stud</u>		
15	Connection type between terminal vapour connection and Tanker Vapour Line	6" terminal flexible hose Bolt connection		
16	Special requirements for connection of vapour collection hose (terminal).	Availability of deck crane near cargo manifolds to suspend and retain terminal hose throughout loading operation.		
17	Distance from cargo terminal to Vapour	In the range		

	manifold (midship, bow side)	5,0 +/- 1,5 m		
18	Distance between cargo manifold flange centerlines	at least 2,0 m		
19	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,2 m		
20	Distance (height wise) from drip tray (free space) to cargo manifold middle	0,7 – 1,3 m		
21	Distance between deck railing and cargo manifolds	2,0 m		
22	Maximum/minimum height of cargo manifolds above sea in ballast.	10,0 m /2,0 m		
23	Maximum gasoline load rate, which tanker must ensure	1050 t/h		
24	Average load rate, which tanker must ensure	500 t/h		
25	Minimum gasoline load rate	420 t/h		
26	SBT ballast discharge	Portside		
	*Canal draught at berth is established by the Order of Novorossiysk Sea Port Master and can be changed.			
	**Data sheet Q88 for subject tanker is annexed to the request			
	***Manifold layout with ID numbers for cargo manifolds and distances between them (including VAPOUR manifold) on starboard is annexed to the request. Appendix 1			

Data sheet
confirming technical fitness of PJSC "NCSP" Sheskharis Terminal Berth 2 to accept tankers in for diesel fuel Euro (10 ppm.) loading.

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	40 000 – 105 500 t		
4	Tanker's length	175,0 – 258,0 m		
5	Tanker's width	48,3 m		
6	Permissible berthing draft	13,7 m		
7	Minimum loaded freeboard	2,5 m		
8	Quantity and diameter of cargo manifolds for midship hose connection.	2x16"		
9	Type of cargo manifold flanges.	ANSI 150 lbs RF		
10	Manifold flange thickness.	36,6-39,8 mm		
11	Distance between cargo manifold flange centerlines	at least 2,0 m		
12	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,2 m		
13	Distance (height wise) from drip tray (free space) to cargo manifold middle	0,6 – 1,3 m		
14	Distance between deck railing and cargo manifolds	4,5 m		
15	Maximum/minimum height of cargo manifolds above sea in ballast.	18,0 m / 4,0 m		
16	Maximum diesel fuel load rate, which tanker	4000 t/h		

	must ensure			
17	Average load rate	at least 2050 t/h		
18	Minimum diesel fuel load rate	400 t/h		
19	SBT discharge	Portside		
20	Oxygen content in cargo tanks atmosphere	no more than 8%		
21	Accommodation ladder's location on starboard	at 27 meters from the last (stern) cargo manifold		
*Data sheet Q88 for subject tanker is annexed to the request				

Data sheet
confirming technical fitness of PJSC "NCSP" Sheskhari Terminal Berths 6-7 to accept tankers in for diesel fuel Euro (10 ppm.) loading.

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	15 000 – 65 500 t		
4	Tanker's length	up to 245,0 m		
5	Tanker's width	36,0 m		
6	Permissible berthing draft	Berth 6: 12,5 m Berth 7: 12,6 m		
7	Minimum loaded freeboard	2,5 m		
8	Quantity and diameter of cargo manifolds for midship hose connection.	2x16"		
9	Type of cargo manifold flanges.	ANSI 150 lbs RF		
10	Manifold flange thickness.	36,6-39,8 mm		
11	Distance between cargo manifold flange centerlines	at least 2,0 m		
12	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,2 m		
13	Distance (height wise) from drip tray (free space) to cargo manifold middle	0,6 – 1,3 m		
14	Distance between deck railing and cargo manifolds	4,5 m		
15	Maximum/minimum height of cargo manifolds above sea in ballast.	13,5 m / 2,5 m		
16	Maximum gasoline load rate, which tanker must ensure	4000 t/h		
17	Average load rate	at least 2050 t/h		
18	Minimum diesel fuel load rate	400 t/h		
19	Oxygen content in cargo tanks atmosphere	no more than 8%		
20	SBT discharge	Berth 6 - Portside Berth 7 - Starboard		
*Data sheet Q88 for subject tanker is annexed to the request				

Data sheet
confirming technical fitness of PJSC "NCSP" Sheskhari Terminal Berth 3 to accept tankers in for diesel fuel Euro (10 ppm.) loading.

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	3 000 – 47 197 t		
4	Tanker's length	182,5 m (205 m)		
5	Tanker's width	32,2 m		
6	Permissible berthing draft	10,6 m		
7	Minimum loaded freeboard	2,0 m		
8	Quantity and diameter of cargo manifolds for midship hose connection.	2x16"		
9	Type of cargo manifold flanges.	ANSI 150 lbs RF		
10	Cargo manifold flange thickness.	36,6-39,8 mm		
11	Distance between cargo manifold flange centerlines	at least 2,0 m		
12	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,2 m		
13	Distance (height wise) from drip tray (free space) to cargo manifold middle	0,6 – 1,3 m		
14	Distance between deck railing and cargo manifolds	at least 2,0 m		
15	Maximum/minimum height of cargo manifolds above sea in ballast.	13,0 m /2,0 m		
16	Maximum gasoline load rate, which tanker must ensure	2000 t/h		
17	Average load rate	At least 1400 t/h		
18	Minimum diesel fuel load rate	400 t/h		
19	Oxygen content in cargo tanks atmosphere	no more than 8%		
20	SBT discharge	Portside		
	*Data sheet Q88 for subject tanker is annexed to the request			

Data sheet
confirming technical fitness of PJSC "NCSP" Sheskhari Terminal Berth 8 to accept tankers in for diesel fuel Euro (10 ppm.) loading.

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	3 300 – 12 000 t		
4	Tanker's length	73,0 - 140,0 m		
5	Tanker's width	17,5 m		
6	Permissible berthing draft	8,9 m		
7	Minimum loaded freeboard	1,3 m		
8	Quantity and diameter of cargo manifolds for midship hose connection.	1x10"		
9	Type of cargo manifold flanges.	ANSI 150 lbs RF		
10	Cargo manifold flange thickness.	28,6-33,6 mm		
11	Distance between cargo manifold flange centerlines	at least 2,0 m		
12	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,0 m		
13	Distance (height wise) from drip tray (free space) to cargo manifold centerline	0,7 – 1,3 m		
14	Distance between deck railing and cargo manifolds	2,0 m		
15	Maximum/minimum height of cargo manifolds above sea in ballast.	10,0 m /2,0 m		
16	Maximum diesel fuel load rate, which tanker must ensure	1245 t/h		
17	Average load rate	at least 500 t/h		
18	Minimum diesel fuel load rate	400 t/h		
19	Oxygen content in cargo tanks atmosphere	no more than 8%		
20	SBT discharge	Portside		
	*Data sheet Q88 for subject tanker is annexed to the request			

Data sheet
confirming technical fitness of PJSC "NCSP" Sheskhari Terminal Berths 6-7
to accept tankers in for diesel fuel (2000 ppm.) loading.

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	15 000 – 65 500 t		
4	Tanker's length	up to 245,0 m		
5	Tanker's width	36,0 m		
6	Permissible berthing draft	Berth 6: 12,5 m* Berth 7: 12,6 m*		
7	Minimum loaded freeboard	2,5 m		
8	Quantity and diameter of cargo manifolds for midship hose connection.	2x16"		
9	Type of cargo manifold flanges.	ANSI 150 lbs RF		
10	Cargo manifold flange thickness.	36,6-39,8 mm		
11	Distance between cargo manifold flange centerlines	at least 2,0 m		
12	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,2 m		
13	Distance (height wise) from drip tray (free space) to cargo manifold middle	0,6 – 1,3 m		
14	Distance between deck railing and cargo manifolds	4,5 m		
15.	Maximum/minimum height of cargo manifolds above sea in ballast.	13,5 m / 2,5 m		
16	Maximum gasoline load rate, which tanker must ensure	2000 t/h		
17	Average load rate	at least 700 t/h		
18	Minimum diesel fuel load rate	60 t/h		
19	Oxygen content in cargo tanks atmosphere	no more than 8%		
20	SBT discharge	Berth 6 - Portside Berth 7 - Starboard		
	*Canal draught at berth is established by the Order of Novorossiysk Sea Port Master and can be changed.			
	**Data sheet Q88 for subject tanker is annexed to the request			

Data sheet
confirming technical fitness of PJSC "NCSP" Sheskhari Terminal Berth 8
to accept tankers in for diesel fuel (2000 ppm.) loading.

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	3 300 – 12 000 t		
4	Tanker's length	73,0 - 140,0 m		
5	Tanker's width	17,5 m		
6	Permissible berthing draft	8,9 m*		
7	Minimum loaded freeboard	1,3 m		
8	Quantity and diameter of cargo manifolds for midship hose connection.	1x10"		
9	Type of cargo manifold flanges.	ANSI 150 lbs RF		
10	Cargo manifold flange thickness.	28,6-33,6 mm		
11	Distance between cargo manifold flange centerlines	at least 2,0 m		
12	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,0 m		
13	Distance (height wise) from drip tray (free space) to cargo manifold centerline	0,7 – 1,3 m		
14	Distance between deck railing and cargo manifolds	2,0 m		
15	Maximum/minimum height of cargo manifolds above sea in ballast.	10,0 m /2,0 m		
16	Maximum diesel fuel load rate, which tanker must ensure	1260 t/h		
17	Average load rate	at least 500 t/h		
18	Minimum diesel fuel load rate	60 t/h		
19	Oxygen content in cargo tanks atmosphere	no more than 8%		
20	SBT discharge	Portside		
	*Canal draught at berth is established by the Order of Novorossiysk Sea Port Master and can be changed.			
	**Data sheet Q88 for subject tanker is annexed to the request			

Data sheet
confirming technical fitness of PJSC “NCSP” Sheskharis Terminal Berth 2 to accept tankers in
for fuel oil loading.

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	40 000 – 105 500 t		
4	Tanker's length/width	175,0 – 258,0 m Beam (width) - 48,3 m		
5	Permissible berthing draft	13,7 m*		
6	Minimum loaded freeboard	2,5 m		
7	Quantity and diameter of cargo manifolds for midship hose connection.	1x16" 1x12"		
8	Type of cargo manifold flanges	ANSI 150 lbs RF		
9	Cargo manifold flange diameter	16" = 36,6-39,8 mm 12" = 31,8-35,0 mm		
14	Distance between cargo manifold flange centerlines	at least 2,0 m		
15	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,2 m		
16	Distance (height wise) from drip tray (free space) to cargo manifold middle	0,6 – 1,3 m		
17	Distance between deck railing and cargo manifolds	4,5 m		
18	Maximum/minimum height of cargo manifolds above sea in ballast.	18,0 m / 4,0 m		
19	Average fuel oil load rate	at least 1000 t/h		
20	Minimum fuel oil load rate	150 t/h		
21	Oxygen content in cargo tanks atmosphere	no more than 8%		
22	SBT discharge	Portside		
23	Accommodation ladder's location on starboard	at 27 meters from the last (stern) cargo manifold		
	*Canal draught at berth is established by the Order of Novorossiysk Sea Port Master and can be changed.			
	**Data sheet Q88 for subject tanker is annexed to the request			

**Data sheet
confirming technical fitness of PJSC "NCSP" Sheskharis Terminal Berths 6-7 to accept tankers in
for fuel oil loading.**

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	15 000 – 65 500 t		
4	Tanker's length/width	up to 245,0 m beam (width) = up to 36,0 m		
5	Permissible berthing draft	Berth 6: 12,5 m* Berth 7: 12,6 m*		
6	Minimum loaded freeboard	2,5 m		
7	Quantity and diameter of cargo manifolds for midship hose connection.	2x16"		
8	Type of cargo manifold flanges	ANSI 150 lbs RF		
9	Cargo manifold flange thickness.	36,6-39,8 mm		
10	Distance between cargo manifold flange centerlines	at least 2,0 m		
11	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,2 m		
12	Distance (height wise) from drip tray (free space) to cargo manifold middle	0,6 – 1,3 m		
13	Distance between deck railing and cargo manifolds	4,5 m		
14	Maximum/minimum height of cargo manifolds above sea in ballast.	13,5 m / 2,5 m		
15	Average fuel oil load rate	at least 1000 t/h		
16	Minimum fuel oil load rate	150 t/h		
17	Oxygen content in cargo tanks atmosphere	no more than 8%		
18	SBT discharge	Berth 6 - Portside Berth 7 - Starboard		
	*Canal draught at berth is established by the Order of Novorossiysk Sea Port Master and can be changed.			
	*Data sheet Q88 for subject tanker is annexed to the request			

**Data sheet
confirming technical fitness of PJSC "NCSP" Sheskharis Terminal Berth 3 to accept tankers in
for fuel oil loading.**

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	3 000 – 47 197 t		
4	Tanker's length/width	182,5 m (205 m) beam (width) - 32,2 m		
5	Permissible berthing draft	10,6 m*		
6	Minimum loaded freeboard	2,0 m		
7	Quantity and diameter of cargo manifolds for midship hose connection.	1x12"		
8	Type of cargo manifold flanges	ANSI 150 lbs RF		
9	Cargo manifold flange thickness.	31,8 - 35,0 mm		
10	Distance between cargo manifold flange centerlines	at least 2,0 m		
11	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,2 m		
12	Distance (height wise) from drip tray (free space) to cargo manifold middle	0,6 – 1,3 m		
13	Distance between deck railing and cargo manifolds	2,0 m		
14	Maximum/minimum height of cargo manifolds above sea in ballast.	13,0 m /2,0 m		
15	Average fuel oil load rate	at least 1000 t/h		
16	Minimum fuel oil load rate	150 t/h		
17	Oxygen content in cargo tanks atmosphere	no more than 8%		
18	SBT discharge	Portside		
	*Canal draught at berth is established by the Order of Novorossiysk Sea Port Master and can be changed.			
	**Data sheet Q88 for subject tanker is annexed to the request			

Data sheet
confirming technical fitness of PJSC “NCSP” Sheskharis Terminal Berth 8 to accept tankers in
for fuel oil loading.

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	3 300 – 12 000 t		
4	Tanker’s length/width	73,0 - 140,0 m beam (width) up to 17,5 m		
5	Permissible berthing draft	8,9 m*		
6	Minimum loaded freeboard	1,3 m		
7	Quantity and diameter of cargo manifolds for midship hose connection.	1x10”		
8	Cargo manifold flange type.	ANSI 150 lbs RF		
9	Cargo manifold flange thickness.	28,6-33,6 mm		
10	Distance between cargo manifold flange centerlines	at least 2,0 m		
11	Width of drip tray (free space) from 16” cargo manifolds to its edge	at least 1,0 m		
12	Distance (height wise) from drip tray (free space) to cargo manifold middle	0,7 – 1,3 m		
13	Distance between deck railing and cargo manifolds	2,0 m		
14	Maximum/minimum height of cargo manifolds above sea in ballast.	10,0 m /2,0 m		
15	Average load rate	1000 t/h		
16	Minimum fuel oil load rate	150 t/h		
17	Oxygen content in cargo tanks atmosphere	no more than 8%		
18	SBT discharge	Portside		
	*Canal draught at berth is established by the Order of Novorossiysk Sea Port Master and can be changed.			
	**Data sheet Q88 for subject tanker is annexed to the request			

**Data sheet
confirming technical fitness of PJSC "NCSP" Berth 26 Pier 5 to accept tankers in for diesel fuel Euro (10 ppm.) loading.**

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	up to 51 000 t		
4	Tanker's length	up to 197 m		
5	Tanker's width	up to 32,26 m		
6	Permissible berthing draft	12,8 m		
7	Minimum loaded freeboard	1,8 m		
8	Quantity and diameter of cargo manifolds for midship hose connection.	1x16"		
9	Type of cargo manifold flanges.	ANSI B 16.5 class 150		
10	Cargo manifold flange thickness.	min. 28 mm		
11	Distance between cargo manifold flange centerlines	at least 1,5 m		
12	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,5 m		
13	Distance (height wise) from drip tray (free space) to cargo manifold middle	0,5 – 1,3 m		
14	Distance between deck railing and cargo manifolds	min. 2,5 m max. 5,5 m		
15	Maximum/minimum height of cargo manifolds above sea in ballast.	16,5 m / 1,0 m		
16	Maximum load rate	up to 1500 m ³ /h		
17	SBT discharge	Starboard		
18	Oxygen content in cargo tanks atmosphere	no more than 8%		
	Data sheet Q88 for subject tanker is annexed to the request			
	*Canal draught at berth is established by the Order of Novorossiysk Port Master and can be changed.			

**Data sheet
confirming technical fitness of PJSC "NCSP" Berth 27 Pier 5 to accept tankers in for diesel fuel Euro (10 ppm.) loading.**

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	up to 47 500 t		
4	Tanker's length	up to 183 m		
5	Tanker's width	up to 32,26 m		
6	Permissible berthing draft	11,7* m		
7	Minimum loaded freeboard	1,8 m		
8	Quantity and diameter of cargo manifolds for midship hose connection.	1x16"		
9	Type of cargo manifold flanges.	ANSI B 16.5 class 150		
10	Cargo manifold flange thickness.	min. 28 mm		
11	Distance between cargo manifold flange centerlines	at least 1,5 m		
12	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,5 m		
13	Distance (height wise) from drip tray to cargo manifold middle	0,5 – 1,3 m		
14	Distance between deck railing and cargo manifolds	min. 2,5 m max. 5,5 m		
15	Maximum/minimum height of cargo manifolds above sea in ballast.	16,5 m / 1,0 m		
16	Maximum load rate	up to 1500 m ³ /h		
17	SBT discharge	Portside		
18	Oxygen content in cargo tanks atmosphere	no more than 8%		
	Data sheet Q88 for subject tanker is annexed to the request			
	*Canal draught at berth is established by the Order of Novorossiysk Port Master and can be changed.			

**Data sheet
confirming technical fitness of PJSC "NCSP" Berth 26 Pier 5 to accept tankers in for diesel fuel
loading/unloading.**

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	up to 51 000 t		
4	Tanker's length	up to 197 m		
5	Tanker's width	up to 32,26 m		
6	Permissible berthing draft	12,8 m		
7	Minimum loaded freeboard	1,8 m		
8	Quantity and diameter of cargo manifolds for midship hose connection.	2x10"		
9	Type of cargo manifold flanges.	ANSI B 16.5 class 150		
10	Manifold flange thickness.	min. 28 mm		
11	Distance between cargo manifold flange centerlines	at least 1,5 m		
12	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,5 m		
13	Distance (height wise) from dip tray to cargo manifold middle	0,5 – 1,3 m		
14	Distance between deck railing and cargo manifolds	min. 2,5 m max. 5,5 m		
15	Maximum/minimum height of cargo manifolds above sea in ballast.	14,5 m / 1,0 m		
16	Maximum load rate with one loading arm	up to 1500 m ³ /h		
17	SBT discharge	Starboard		
18	Oxygen content in cargo tanks atmosphere	no more than 8%		
	Data sheet Q88 for subject tanker is annexed to the request			
	*Canal draught at berth is established by the Order of Novorossiysk Port Master and can be changed.			

**Data sheet
confirming technical fitness of PJSC "NCSP" Berth 27 Pier 5 to accept tankers in for diesel fuel
loading/unloading.**

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	up to 47 500 t		
4	Tanker's length	up to 183 m		
5	Tanker's width	up to 32,26 m		
6	Permissible berthing draft	11,7* m		
7	Minimum loaded freeboard	1,8 m		
8	Quantity and diameter of cargo manifolds for midship hose connection.	2x10"		
9	Type of cargo manifold flanges.	ANSI B 16.5 class 150		
10	Manifold flange thickness.	min. 28 mm		
11	Distance between cargo manifold flange centerlines	at least 1,5 m		
12	Width of dip tray (free space) from 16" cargo manifolds to its edge	at least 1,5 m		
13	Distance (height wise) from dip tray to cargo manifold middle	0,5 – 1,3 m		
14	Distance between deck railing and cargo manifolds	min. 2,5 m max. 5,5 m		
15	Maximum/minimum height of cargo manifolds above sea in ballast.	14,5 m / 1,0 m		
16	Maximum load rate with one loading arm	up to 1500 m ³ /h		
17	SBT discharge	Portside		
18	Oxygen content in cargo tanks atmosphere	no more than 8%		
	Data sheet Q88 for subject tanker is annexed to the request			
	*Canal draught at berth is established by the Order of Novorossiysk Port Master and can be changed.			

Data sheet
confirming technical fitness of PJSC "NCSP" Berth 26 Pier 5
to accept tankers in for liquid mineral fertilizers (carbamid-ammoniac compound) loading.

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	up to 51 000 t		
4	Tanker's length	up to 197 m		
5	Tanker's width	up to 32,26 m		
6	Permissible berthing draft	12,8 m		
7	Minimum loaded freeboard	1,8 m		
8	Quantity and diameter of cargo manifolds for midship hose connection.	1x10"		
9	Type of cargo manifold flanges.	ANSI B 16.5 class 150		
10	Manifold flange thickness.	min. 28 mm		
11	Distance between cargo manifold flange centerlines	at least 1,5 m		
12	Width of dip tray (free space) from 16" cargo manifolds to its edge	at least 1,5 m		
13	Distance (height wise) from dip tray to cargo manifold middle	0,5 – 1,3 m		
14	Distance between deck railing and cargo manifolds	min. 2,5 m max. 5,5 m		
15	Maximum/minimum height of cargo manifolds above sea in ballast.	14,5 m / 1,0 m		
16	Maximum load rate	up to 1000 m ³ /h		
17	SBT discharge	Starboard		
18	Oxygen content in cargo tanks atmosphere	no more than 8%		
	Data sheet Q88 for subject tanker is annexed to the request			
	*Canal draught at berth is established by the Order of Novorossiysk Port Master and can be changed.			

Data sheet
confirming technical fitness of PJSC "NCSP" Berth 27 Pier 5
to accept tankers in for liquid mineral fertilizers (carbamid-ammoniac compound) loading.

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	up to 47 500 t		
4	Tanker's length	up to 183 m		
5	Tanker's width	up to 32,26 m		
6	Permissible berthing draft	11,7* m		
7	Minimum loaded freeboard	1,8 m		
8	Quantity and diameter of cargo manifolds for midship hose connection.	2x10"		
9	Type of cargo manifold flanges.	ANSI B 16.5 class 150		
10	Manifold flange thickness.	min. 28 mm		
11	Distance between cargo manifold flange centerlines	at least 1,5 m		
12	Width of dip tray (free space) from 16" cargo manifolds to its edge	at least 1,5 m		
13	Distance (height wise) from dip tray to cargo manifold middle	0,5 – 1,3 m		
14	Distance between deck railing and cargo manifolds	min. 2,5 m max. 5,5 m		
15	Maximum/minimum height of cargo manifolds above sea in ballast.	14,5 m / 1,0 m		
16	Maximum load rate	up to 1000 m ³ /h		
17	SBT discharge	Portside		
18	Oxygen content in cargo tanks atmosphere	no more than 8%		
	Data sheet Q88 for subject tanker is annexed to the request			
	*Canal draught at berth is established by the Order of Novorossiysk Port Master and can be changed.			

**Data sheet
confirming technical fitness of PJSC "NCSP" Berth 26 Pier 5
to accept tankers in for vegetable oil loading.**

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	up to 51 000 t		
4	Tanker's length	up to 197 m		
5	Tanker's width	up to 32,26 m		
6	Permissible berthing draft	12,8 m		
7	Minimum loaded freeboard	1,8 m		
8	Quantity and diameter of cargo manifolds for midship hose connection.	1x6"		
9	Type of cargo manifold flanges.	ANSI B 16.5 class 150		
10	Manifold flange thickness.	min. 28 mm		
11	Distance between cargo manifold flange centerlines	at least 1,5 m		
12	Width of drip tray (free space) from cargo manifold flanges to its edge	at least 1,5 m		
13	Distance (height wise) from drip tray to cargo manifold middle	0,5 – 1,3 m		
14	Distance between deck railing and cargo manifolds	min. 2,5 m max. 5,5 m		
15	Maximum/minimum height of cargo manifolds above sea in ballast.	10 m / 2 m		
16	Maximum load rate	up to 900 m ³ /h		
17	SBT discharge	Starboard		
18	Oxygen content in cargo tanks atmosphere	no more than 8%		
19	Onboard loading equipment (crane, derrick)	Located near cargo manifolds, for hose delivery and their suspension during loading operations.		
	Data sheet Q88 for subject tanker is annexed to the request			
	*Canal draught at berth is established by the Order of Novorossiysk Port Master and can be changed.			

Data sheet

confirming technical fitness of PJSC "NCSP" Berth 27 Pier 5 to accept tankers in for vegetable oil loading

#	Tanker properties	Required properties	Actual properties	Notes
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	up to 47 500 t		
4	Tanker's length	up to 183 m		
5	Tanker's width	up to 32,26 m		
6	Permissible berthing draft	11,7* m		
7	Minimum loaded freeboard	1,8 m		
8	Quantity and diameter of cargo manifolds for midship hose connection.	1x6"		
9	Type of cargo manifold flanges.	ANSI B 16.5 class 150		
10	Manifold flange thickness.	min. 28 mm		
11	Distance between cargo manifold flange centerlines	at least 1,5 m		
12	Width of drip tray (free space) from 16" cargo manifolds to its edge	at least 1,5 m		
13	Distance (height wise) from drip tray to cargo manifold middle	0,5 – 1,3 m		
14	Distance between deck railing and cargo manifolds	min. 2,5 m max. 5,5 m		
15	Maximum/minimum height of cargo manifolds above sea in ballast.	10 m / 2 m		
16	Maximum load rate	up to 900 m ³ /h		
17	SBT discharge	Portside		
18	Oxygen content in cargo tanks atmosphere	no more than 8%		
19	Onboard loading equipment (crane, derrick)	Located near cargo manifolds, for hose delivery and their suspension during loading operations.		
	Data sheet Q88 for subject tanker is annexed to the request			
	*Canal draught at berth is established by the Order of Novorossiysk Port Master and can be changed.			

Data sheet
confirming technical fitness of PJSC "NCSP" Berths 25, 25A Pier 4 to accept tankers in for petroleum products loading.

#	Tanker properties	Required properties	Actual properties	Remarks: -
1	Tanker name			
2	Cargo to be loaded and its quantity			
3	Deadweight	up to 51 000 t		
4	Tanker's length	up to 183 m		
5	Tanker's width	up to 32,26 m		
6	Permissible berthing draft	#25-12,8 m, #25-13,0 m		
7	Minimum loaded freeboard	2,2 m		
8	Quantity and diameter of cargo manifolds for midship hose connection.	1-3x12"		
9	Type of cargo manifold flanges.	ANSI B 16.5 class 150		
10	Manifold flange thickness.	min. 28 mm		
11	Distance between cargo manifold flange centerlines	at least 1,3 m		
12	Width of drip tray (free space) from cargo manifold flanges to its edge	at least 1,3 m		
13	Distance (height wise) from drip tray to cargo manifold middle	0,45 – 1,6 m		
14	Distance between deck railing and cargo manifolds	min. 1,5 m max. 6,0 m		
15	Maximum/minimum height of cargo manifolds above sea in ballast.	15,0 m / 1,0 m		
16	Maximum load rate	up to 2500 m ³ /h		
17	SBT discharge	Starboard/Portside		
18	Oxygen content in cargo tanks atmosphere	no more than 8%		
	Data sheet Q88 for subject tanker is annexed to the request			
	*Canal draught at berth is established by the Order of Novorossiysk Port Master and can be changed.			

