



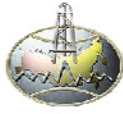
ADDENDUM

TO THE PARTIAL REVISED SUBMISSION
OF THE RUSSIAN FEDERATION
TO THE COMMISSION ON THE LIMITS OF THE CONTINENTAL SHELF
IN RESPECT OF THE CONTINENTAL SHELF IN THE AREA OF THE
GAKKEL RIDGE, NANSEN AND AMUNDSEN BASINS

EXECUTIVE SUMMARY

2021

BODIES RESPONSIBLE FOR PREPARATION:



Ministry of Natural Resources and Environment of the Russian Federation



*Federal Agency of Mineral Resources
Ministry of Natural Resources and Environment of the Russian Federation*



Ministry of Foreign Affairs of the Russian Federation



Ministry of Defence of the Russian Federation



*Department of Navigation and Oceanography
Ministry of Defence of the Russian Federation*



Russian Academy of Sciences

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ABBREVIATIONS

OLCS	Outer Limit of the Continental Shelf
Submission	Submission to the Commission on the Limits of the Continental Shelf in relation the continental shelf
Commission	Commission on the Limits of the Continental Shelf
Convention	1982 United Nations Convention on the Law of the Sea
STG	Scientific and Technical Guidelines of the Commission on the Limits of the Continental Shelf
FOS	Foot of the continental slope

INTRODUCTION

This document represents an addendum to the Executive Summary of the Submission of the Russian Federation, submitted to the Commission on August 3, 2015, constitutes an integral part of the abovementioned Executive Summary and is a subject to reading and consideration in conjunction with the said Executive Summary.

The Russian Federation, guided by the provisions of the Rules of Procedure and the STG of the Commission, and taking into account its practice, submits this Addendum to the Executive Summary of the Partial Revised Submission dated August 3, 2015, encompassing the Nansen and Amundsen basins, and the Gakkel Ridge. It has been prepared following the results of interaction with the Subcommittee established to consider the partial revised Submission of the Russian Federation, as well as on the basis of bathymetric, geophysical, and geological data, both available in published studies and obtained by the Russian Federation during recent scientific expeditions.

The purpose of this Addendum is to bring the line of the OLCS of the Russian Federation in the Arctic Ocean in compliance with the requirements of Article 76 of the Convention.

This Addendum and its consideration by the Commission are without prejudice to the question of maritime delimitation, which will be the subject of negotiations with the States concerned.

The submitted Addendum does not affect the exercise by the Russian Federation of the rights and obligations arising from international agreements on delimitation that have entered into force for it or are provisionally applied by it, in particular from the Treaty between the Russian Federation and the Kingdom of Norway on the Maritime Delimitation and Cooperation in the Barents Sea and the Arctic Ocean as of September 15, 2010.

The Russian Federation reserves the right to submit additions and changes to the partial revised Submission dated August 3, 2015 and to this Addendum, which may be based on new or additional scientific research data and may provide for a change in the OLCS line of the Russian Federation.

EXTENDED CONTINENTAL SHELF OF THE RUSSIAN FEDERATION IN THE ARCTIC OCEAN

The partial revised Submission of the Russian Federation for the establishment of the OLCS in the Arctic Ocean is prepared with the aim of referring to the extended continental shelf of the Russian Federation, in accordance with Article 76 of the Convention, the seabed and its subsoil in the central part of the Arctic Ocean, which are a natural prolongation of the Russian land territory.

The basis for putting forward rights to the extended continental shelf in the Arctic Ocean is appurtenance of the submitted areas to the continental shelf, as well as the fact that the outer limit of the continental shelf extends over 200 nautical miles from the baselines from which the breadth of the territorial sea is measured.

The seabed area of the Arctic Ocean considered in this Addendum and significant for the definition of the OLCS of the Russian Federation under Article 76 of the Convention encompasses the geomorphological shelf of the Gakkel Ridge, Nansen and Amundsen Basins as a part of the Eurasian Basin.

This Addendum, reflecting the changes in the OLCS of the Russian Federation in the Eurasian Basin, has been prepared in accordance with the Convention on the basis of paragraph 6 of Article 76 and the STG, where a special attention is attributed to the distinction between “submarine ridges” and “oceanic ridges of the deep ocean floor”.

At the same time, “submarine ridges” and “submarine elevations” are also distinct legal categories, since they are subject to separate provisions regarding the maximum outer limit (paragraph 7.1.6. of STG). “Submarine ridges” in accordance with paragraph 6 of Article 76 are ridges that grow into the continental margin, defined in accordance with paragraph 3, or extend from the continental margin further seaward, towards the deep ocean floor. On the “submarine ridges” (paragraph 3.1.7 of STG), the OLCS shall not exceed beyond 350 nautical miles from the baselines, from which the breadth of the territorial sea is measured.

The data obtained since lodging the Submission of the Russian Federation in 2015 indicate that the Gakkel Ridge is a submarine ridge that is a natural component of the continental margin of the Russian Federation in accordance with paragraph 6 of Article 76 of the Convention. On this basis, a constraint line of 350 nautical miles from the baselines of the Russian Federation has been used.

The Russian Federation refers to the provisions of paragraphs 1, 3, 4, 5 and 6 of Article 76 of the Convention in support of the establishment of an OLCS beyond 200 nautical miles. The OLCS line of the Russian Federation is constructed by fixed points connected by straight lines not exceeding 60 nautical miles, as provided for in paragraph 7 of Article 76 of the Convention

At the same time, the OLCS line in section IX, constructed along the limit line of 350 nautical miles from the baselines of the Russian Federation, runs from the exclusive economic zone of Denmark (the nearest point is 9D1) to point 9D110, and then is connected by a straight line not exceeding 60 nautical miles with point 5H14 constructed according to the Hedberg criterion.

The declared line of the OLCS of the Russian Federation to the south of point 9D1 goes along the outer limit of the exclusive economic zone of Denmark to point AO94 from the Recommendations of the Commission on the Norwegian OLCS dated March 27, 2009. Further, the OLCS line of the Russian Federation goes east along the recommended OLCS of Norway to easternmost point AO1Rev of the mentioned Recommendations of 2009.

From point AO1Rev, the OLCS line of the Russian Federation runs along the segment connecting that point to point 2G2 – westernmost fixed point of the OLCS of the Russian Federation from the Partial Revised Submission dated August 3, 2015 to point 2C1, at which that segment intersects with the line passing through points 7 and 8 established by the Treaty between the Russian Federation and the Kingdom of Norway on the Maritime Delimitation and Cooperation in the Barents Sea and the Arctic Ocean.

From point 2C1, the line of the OLCS of the Russian Federation goes further along the line established by the Treaty between the Russian Federation and the Kingdom of Norway on the Maritime Delimitation and Cooperation in the Barents Sea and the Arctic Ocean, to the outer limit of the exclusive economic zone of the Russian Federation.

BODIES, RESPONSIBLE FOR PREPARATION OF THE PARTIAL REVISED SUBMISSION OF THE RUSSIAN FEDERATION FOR THE ESTABLISHMENT THE OLCS IN THE ARCTIC OCEAN

The bodies responsible for the preparation of the partial revised Submission of the Russian Federation for the establishment of the OLCS in the Arctic Ocean are the Ministry of Natural Resources and Environment of the Russian Federation, the Federal Agency of Mineral Resources, the Ministry of Foreign Affairs of the Russian Federation, the Ministry of Defense of the Russian Federation, the Navigation and Oceanography Authority of the Ministry of Defense of the Russian Federation and the Russian Academy of Sciences.

The materials of the partial revised Submission of the Russian Federation for the establishment of the OLCS in the Arctic Ocean, as well as the maps, figures, applications and corresponding databases contained in the Submission were prepared by Russian Research Institute for Geology and Mineral Resources of the World Ocean named after Academician I. S. Gramberg and A. P. Karpinsky Russian Geological Research Institute of Federal Agency of Mineral Resources with the participation of the State Research Navigation and Hydrographic Institute.

ANNEX. CATALOG OF GEOGRAPHICAL COORDINATES OF FIXED POINTS TO THE ADDENDUM

Coordinate system WGS 84

No	Outer Limit Fixed Point Name	Type of OLCS Fixed point	Latitude, N (deg.min.sec.)	Longitude, E/W (deg.min.sec.)	Latitude, N (deg.)	Longitude, +/- (deg.)	Distance between points (kilometers/ nautical miles)
1	2C1	Common	84°38'37"N	32°12'12"E	84.643642	32.203425	
Section IX (north-western part of the Nansen Basin)							
2	9D1	350M	84°16'51"N	5°13'55"E	84.2807092	5.2320645	- / -
3	9D2	350M	84°19'13"N	5°26'40"E	84.3201972	5.4444681	5/2.7
4	9D3	350M	84°21'34"N	5°39'46"E	84.3594415	5.6629052	5/2.7
5	9D4	350M	84°23'54"N	5°53'15"E	84.3984347	5.887464	5/2.7
6	9D5	350M	84°26'14"N	6°07'6"E	84.4371691	6.1182319	5/2.7
7	9D6	350M	84°28'32"N	6°21'19"E	84.475637	6.3552966	5/2.7
8	9D7	350M	84°30'50"N	6°35'55"E	84.5138305	6.5987456	5/2.7
9	9D8	350M	84°33'6"N	6°50'55"E	84.5517415	6.8486653	5/2.7
10	9D9	350M	84°35'22"N	7°06'19"E	84.5893619	7.1051417	5/2.7
11	9D10	350M	84°37'36"N	7°22'6"E	84.6266834	7.3682603	5/2.7
12	9D11	350M	84°39'49"N	7°38'17"E	84.6636975	7.6381054	5/2.7
13	9D12	350M	84°42'1"N	7°54'53"E	84.7003954	7.9147601	5/2.7
14	9D13	350M	84°44'12"N	8°11'54"E	84.7367685	8.1983063	5/2.7
15	9D14	350M	84°46'22"N	8°29'20"E	84.7728078	8.4888239	5/2.7
16	9D15	350M	84°48'31"N	8°47'11"E	84.8085042	8.7863918	5/2.7
17	9D16	350M	84°50'38"N	9°05'28"E	84.8438485	9.0910864	5/2.7
18	9D17	350M	84°52'44"N	9°24'11"E	84.8788313	9.4029821	5/2.7
19	9D18	350M	84°54'48"N	9°43'20"E	84.913443	9.7221506	5/2.7
20	9D19	350M	84°56'52"N	10°02'55"E	84.947674	10.0486609	5/2.7
21	9D20	350M	84°58'53"N	10°22'57"E	84.9815144	10.3825791	5/2.7
22	9D21	350M	85°00'54"N	10°43'26"E	85.0149543	10.7239687	5/2.7
23	9D22	350M	85°02'53"N	11°04'22"E	85.0479836	11.0728884	5/2.7
24	9D23	350M	85°04'50"N	11°25'46"E	85.0805921	11.4293938	5/2.7
25	9D24	350M	85°06'46"N	11°47'37"E	85.1127694	11.7935362	5/2.7
26	9D25	350M	85°08'40"N	12°09'55"E	85.1445051	12.1653622	5/2.7
27	9D26	350M	85°10'33"N	12°32'42"E	85.1757885	12.5449139	5/2.7
28	9D27	350M	85°12'26"N	12°56'7"E	85.2072636	12.9351391	5/2.7
29	9D28	350M	85°14'55"N	13°08'33"E	85.2485211	13.1425566	5/2.7
30	9D29	350M	85°17'23"N	13°21'28"E	85.2896235	13.3576716	5/2.7
31	9D30	350M	85°19'50"N	13°34'50"E	85.3305191	13.5804264	5/2.7
32	9D31	350M	85°22'16"N	13°48'40"E	85.3712001	13.8109832	5/2.7
33	9D32	350M	85°24'42"N	14°02'58"E	85.4116584	14.0495073	5/2.7
34	9D33	350M	85°27'7"N	14°17'46"E	85.4518856	14.296164	5/2.7

No	Outer Limit Fixed Point Name	Type of OLCS Fixed point	Latitude, N (deg.min.sec.)	Longitude, E/W (deg.min.sec.)	Latitude, N (deg.)	Longitude, +/- (deg.)	Distance between points (kilometers/ nautical miles)
35	9D34	350M	85°29'35"N	14°31'19"E	85.4929503	14.5218555	5/2.7
36	9D35	350M	85°32'10"N	14°40'8"E	85.5362146	14.6689278	5/2.7
37	9D36	350M	85°34'46"N	14°49'23"E	85.5793588	14.8231804	5/2.7
38	9D37	350M	85°37'21"N	14°59'5"E	85.6223759	14.9848016	5/2.7
39	9D38	350M	85°39'55"N	15°09'14"E	85.6652596	15.1539877	5/2.7
40	9D39	350M	85°42'29"N	15°19'51"E	85.7080033	15.3309399	5/2.7
41	9D40	350M	85°45'2"N	15°30'57"E	85.7506002	15.5158659	5/2.7
42	9D41	350M	85°47'35"N	15°42'32"E	85.7930434	15.7089787	5/2.7
43	9D42	350M	85°50'7"N	15°54'38"E	85.8353255	15.9104969	5/2.7
44	9D43	350M	85°52'39"N	16°07'14"E	85.8774391	16.1206452	5/2.7
45	9D44	350M	85°55'10"N	16°20'23"E	85.9193765	16.3396544	5/2.7
46	9D45	350M	85°57'40"N	16°34'4"E	85.9611296	16.5677609	5/2.7
47	9D46	350M	86°00'10"N	16°48'19"E	86.0026902	16.8052071	5/2.7
48	9D47	350M	86°02'39"N	17°03'8"E	86.0440498	17.0522425	5/2.7
49	9D48	350M	86°05'7"N	17°18'33"E	86.0851994	17.3091205	5/2.7
50	9D49	350M	86°07'34"N	17°34'34"E	86.12613	17.5761026	5/2.7
51	9D50	350M	86°10'1"N	17°51'12"E	86.1668321	17.8534554	5/2.7
52	9D51	350M	86°12'26"N	18°08'29"E	86.2072959	18.1414507	5/2.7
53	9D52	350M	86°14'51"N	18°26'25"E	86.2475112	18.4403673	5/2.7
54	9D53	350M	86°17'15"N	18°45'2"E	86.2874676	18.7504886	5/2.7
55	9D54	350M	86°19'38"N	19°04'20"E	86.3271543	19.0721038	5/2.7
56	9D55	350M	86°21'60"N	19°24'20"E	86.36656	19.4055074	5/2.7
57	9D56	350M	86°24'20"N	19°45'4"E	86.4056731	19.7509988	5/2.7
58	9D57	350M	86°26'40"N	20°06'32"E	86.4444816	20.1088808	5/2.7
59	9D58	350M	86°28'59"N	20°28'46"E	86.4829732	20.479462	5/2.7
60	9D59	350M	86°31'16"N	20°51'47"E	86.521135	20.8630538	5/2.7
61	9D60	350M	86°33'32"N	21°15'36"E	86.5589537	21.2599708	5/2.7
62	9D61	350M	86°35'47"N	21°40'14"E	86.5964157	21.6705297	5/2.7
63	9D62	350M	86°38'1"N	22°05'42"E	86.6335068	22.0950508	5/2.7
64	9D63	350M	86°40'13"N	22°32'2"E	86.6702124	22.5338525	5/2.7
65	9D64	350M	86°42'23"N	22°59'14"E	86.7065174	22.9872558	5/2.7
66	9D65	350M	86°44'33"N	23°27'20"E	86.7424062	23.4555797	5/2.7
67	9D66	350M	86°46'40"N	23°56'21"E	86.7778628	23.9391415	5/2.7
68	9D67	350M	86°48'46"N	24°26'18"E	86.8128707	24.4382547	5/2.7
69	9D68	350M	86°50'51"N	24°57'12"E	86.8474128	24.953229	5/2.7
70	9D69	350M	86°52'53"N	25°29'4"E	86.8814715	25.4843675	5/2.7
71	9D70	350M	86°54'54"N	26°01'55"E	86.9150289	26.0319655	5/2.7
72	9D71	350M	86°56'53"N	26°35'47"E	86.9480663	26.5963094	5/2.7

No	Outer Limit Fixed Point Name	Type of OLCS Fixed point	Latitude, N (deg.min.sec.)	Longitude, E/W (deg.min.sec.)	Latitude, N (deg.)	Longitude, +/- (deg.)	Distance between points (kilometers/ nautical miles)
73	9D72	350M	86°58'50"N	27°10'40"E	86.9805647	27.1776733	5/2.7
74	9D73	350M	87°00'45"N	27°46'35"E	87.0125047	27.7763182	5/2.7
75	9D74	350M	87°02'38"N	28°23'33"E	87.0438661	28.3924887	5/2.7
76	9D75	350M	87°04'29"N	29°01'35"E	87.0746286	29.0264132	5/2.7
77	9D76	350M	87°06'17"N	29°40'42"E	87.1047711	29.6782973	5/2.7
78	9D77	350M	87°08'5"N	30°20'20"E	87.1348119	30.3388101	5/2.7
79	9D78	350M	87°09'53"N	31°00'25"E	87.1648131	31.0070079	5/2.7
80	9D79	350M	87°11'39"N	31°41'38"E	87.1941608	31.6939892	5/2.7
81	9D80	350M	87°13'22"N	32°23'60"E	87.2228324	32.3999148	5/2.7
82	9D81	350M	87°15'3"N	33°07'30"E	87.2508052	33.1249139	5/2.7
83	9D82	350M	87°16'41"N	33°52'9"E	87.2780559	33.8690824	5/2.7
84	9D83	350M	87°18'16"N	34°37'57"E	87.304561	34.6324764	5/2.7
85	9D84	350M	87°19'49"N	35°24'54"E	87.3302966	35.4151098	5/2.7
86	9D85	350M	87°21'19"N	36°13'1"E	87.3552389	36.2169511	5/2.7
87	9D86	350M	87°22'46"N	37°02'17"E	87.3793636	37.0379221	5/2.7
88	9D87	350M	87°24'10"N	37°52'40"E	87.4026466	37.8778903	5/2.7
89	9D88	350M	87°25'30"N	38°44'12"E	87.4250636	38.7366667	5/2.7
90	9D89	350M	87°26'48"N	39°36'50"E	87.4465904	39.6140056	5/2.7
91	9D90	350M	87°28'2"N	40°30'35"E	87.4672032	40.5095995	5/2.7
92	9D91	350M	87°29'13"N	41°25'23"E	87.4868781	41.4230745	5/2.7
93	9D92	350M	87°30'20"N	42°21'14"E	87.5055919	42.3539915	5/2.7
94	9D93	350M	87°31'24"N	43°18'7"E	87.5233215	43.3018409	5/2.7
95	9D94	350M	87°32'24"N	44°15'58"E	87.5400448	44.2660456	5/2.7
96	9D95	350M	87°33'21"N	45°14'45"E	87.55574	45.2459544	5/2.7
97	9D96	350M	87°34'13"N	46°14'27"E	87.5703863	46.2408451	5/2.7
98	9D97	350M	87°35'2"N	47°14'60"E	87.5839637	47.2499269	5/2.7
99	9D98	350M	87°35'47"N	48°16'20"E	87.5964533	48.2723364	5/2.7
100	9D99	350M	87°36'28"N	49°18'26"E	87.6078374	49.3071442	5/2.7
101	9D100	350M	87°37'5"N	50°21'12"E	87.6180994	50.3533545	5/2.7
102	9D101	350M	87°37'38"N	51°24'36"E	87.6272241	51.4099093	5/2.7
103	9D102	350M	87°38'7"N	52°28'32"E	87.6351979	52.4756934	5/2.7
104	9D103	350M	87°38'31"N	53°32'58"E	87.6420086	53.5495379	5/2.7
105	9D104	350M	87°38'52"N	54°37'49"E	87.6476457	54.6302286	5/2.7
106	9D105	350M	87°39'8"N	55°42'59"E	87.6521003	55.7165095	5/2.7
107	9D106	350M	87°39'19"N	56°48'26"E	87.6553656	56.8070911	5/2.7
108	9D107	350M	87°39'27"N	57°54'2"E	87.6574364	57.9006573	5/2.7
109	9D108	350M	87°39'30"N	58°59'45"E	87.6583093	58.9958753	5/2.7
110	9D109	350M	87°39'29"N	60°05'29"E	87.6579829	60.0913994	5/2.7

No	Outer Limit Fixed Point Name	Type of OLCS Fixed point	Latitude, N (deg.min.sec.)	Longitude, E/W (deg.min.sec.)	Latitude, N (deg.)	Longitude, +/- (deg.)	Distance between points (kilometers/ nautical miles)
111	9D110	350M	87°39'23"N	61°11'9"E	87.6564578	61.1858843	5/2.7
112	5H14	Hedberg	88°21'04"N	81°35'38"E	88.351117	81.5941241	109.9/59.3