

**PARTIAL REVISED SUBMISSION OF THE RUSSIAN
FEDERATION IN RESPECT OF THE CONTINENTAL SHELF OF
THE RUSSIAN FEDERATION IN THE SOUTH-EAST EURASIA
BASIN IN THE ARCTIC OCEAN**

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Executive summary

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FEDERAL AUTHORITIES RESPONSIBLE FOR THE PREPARATION:



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Federal Agency on Mineral Resources of the 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



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ABBREVIATIONS

OLCS	Outer limit of the continental shelf
Submission	Partial revised Submission of the Russian Federation in respect of the continental shelf of the Russian Federation in the south-east Eurasia Basin in the Arctic Ocean
Commission	Commission on the Limits of the Continental Shelf
Convention	United Nations Convention on the Law of the Sea of 1982
STG	Scientific and Technical Guidelines of the Commission on the Limits of the Continental Shelf
BOS	Base of the continental slope
FOS	Foot of the continental slope
Gardiner point	The outermost fixed point at which the thickness of sedimentary rocks is at least 1 percent of the shortest distance from such point to the foot of the continental slope in accordance with article 76(4)(a)(i) of the Convention
Hedberg line	The line delineated by reference to fixed points determined at a distance of 60 nautical miles from the foot of the continental slope in accordance with article 76(4)(a)(ii) of the Convention
M	Nautical mile

INTRODUCTION

The Russian Federation signed 1982 United Nations Convention on the Law of the Sea (“Convention”) on 10 December 1982 (then the USSR) and ratified it on 26 February 1997. The Convention entered into force for the Russian Federation on 11 April 1997. In accordance with Article 77 of the Convention, the Russian Federation proceeds from the fact that the rights of the coastal state over the continental shelf exist *ipso facto* and *ab initio*.

This Submission of the Russian Federation, which is made on the basis of paragraph 8 article 76 of the Convention, is a partial revised submission and covers the south-east part of Eurasian Basin in the Arctic Ocean. The area under consideration was included in the first Submission of the Russian Federation dated 10 December 2001 and the partial revised Submission of the Russian Federation in respect of the extended continental shelf in the Arctic Ocean dated 3 August 2015.

In accordance with the Commission's Recommendations on the partial revised Submission of the Russian Federation on the extended continental shelf in the Arctic Ocean dated 3 August 2015, the OLCS in the southern part of the Amundsen Basin should be defined in the partial revised Submission for this area.

The purpose of this Submission is the formation of formulae constructions and the definition of the OLCS of the Russian Federation in the south-east part of the Eurasia Basin in the Arctic Ocean in accordance with Article 76 of the Convention.

This Submission is based on the results of the consideration of the Submission of the Russian Federation in respect of the extended continental shelf in the Arctic Ocean dated 3 August 2015 in terms of the location of the BOS zone, the location of the FOS points and the classification of the Lomonosov Ridge as a submarine elevation in terms of the Convention.

Guided by the provisions of the Rules of Procedure of the Commission and the STG, and also taking into account the practice of the Commission, the Russian Federation reserves the right to submit addenda and changes to this partial revised Submission, which may be based on new or additional scientific data and may provide for changes of the line of the OLCS of the Russian Federation.

INSTITUTIONS RESPONSIBLE FOR PREPARATION OF THE SUBMISSION

Institutions responsible for the preparation of this Submission are the Ministry of Natural Resources and Environment of the Russian Federation, the Federal Agency on Mineral Resources, the Ministry of Foreign Affairs of the Russian Federation, the Ministry of Defence of the Russian Federation, the Department of Navigation and Oceanography of the Ministry of Defence of the Russian Federation and the Russian Academy of Sciences.

Materials of the Submission as well as the maps, figures, annexes, and relevant databases contained in the Submission were prepared by the Russian Research Institute of Geology and Mineral Resources of the World Ocean named after Academician I. S. Gramberg of the Federal Agency on Mineral Resources with the participation of the Russian Research Institute of Geology named after A. P. Karpinskiy of the Federal Agency on Mineral Resources.

EXTENDED CONTINENTAL SHELF OF THE RUSSIAN FEDERATION IN THE SOUTH-EAST EURASIA BASIN IN THE ARCTIC OCEAN

This Submission is made to include in the extended continental shelf of the Russian Federation, in accordance with article 76 of the Convention, the seabed and its subsoil in the part of the Arctic Ocean next to the Laptev sea.

The basis for the extension of rights to the extended continental shelf in the part of the Arctic Ocean next to the Laptev sea is the identity of the submitted area to the continental shelf, as well as the OLCS position under Article 76 of the Convention at a distance of more than 200 M from the baselines from which the breadth of the territorial sea is measured.

The list of straight baseline points was used for determining of the 200 M zone of the Russian Federation. The list of straight baseline points was approved by Decree of the USSR Council of Ministers of 15 January 1985 and published in the book “Maritime Legislation of the Russian Federation” (1994) by the Main Department of Navigation and Oceanography of Ministry of Defence of the Russian Federation (admiralty No. 9055.1). An English translation of the said list has been officially handed over to the UN Secretary General and placed on the UN website (see List of straight baseline points 4450 “RUS_1985_Declaration”¹). The List contains coordinates of the straight baseline endpoints. The position of the normal baselines adjoining the straight baselines in this document is recorded with the text: *“onwards along the low-water line up to the base point No.”*.

The area of the seabed, considered in this Submission and relevant to the OLCS determination of the Russian Federation under article 76 of the Convention, covers south-east part of the Amundsen Basin and Gakkel Ridge of the Eurasia Basin of the Arctic Ocean and is shown in the illustration below (Fig. 1).

The OLCS line of this Submission consists of 39 fixed points, the first of which (11E1) is located on the line of the 200 M zone of the Russian Federation, and the last one(11H185) is connected by a segment of not more than 60 M with the last approved south-east point (4G1_rev) of the OLCS line in the Amundsen Basin of the Eurasian Basin in the Arctic Ocean, presented in the partial revised Submission of the Russian Federation in respect of the extended continental shelf in the Arctic Ocean dated 3 August 2015.

The geographical coordinates of the OLCS fixed points of the Russian Federation in the South-East Eurasia Basin in the Arctic Ocean are listed in Appendix 1 of this Executive summary.

¹ http://www.un.org/Depts/los/LEGISLATIONANDTREATIES/PDFFILES/RUS_1985_Declaration.pdf

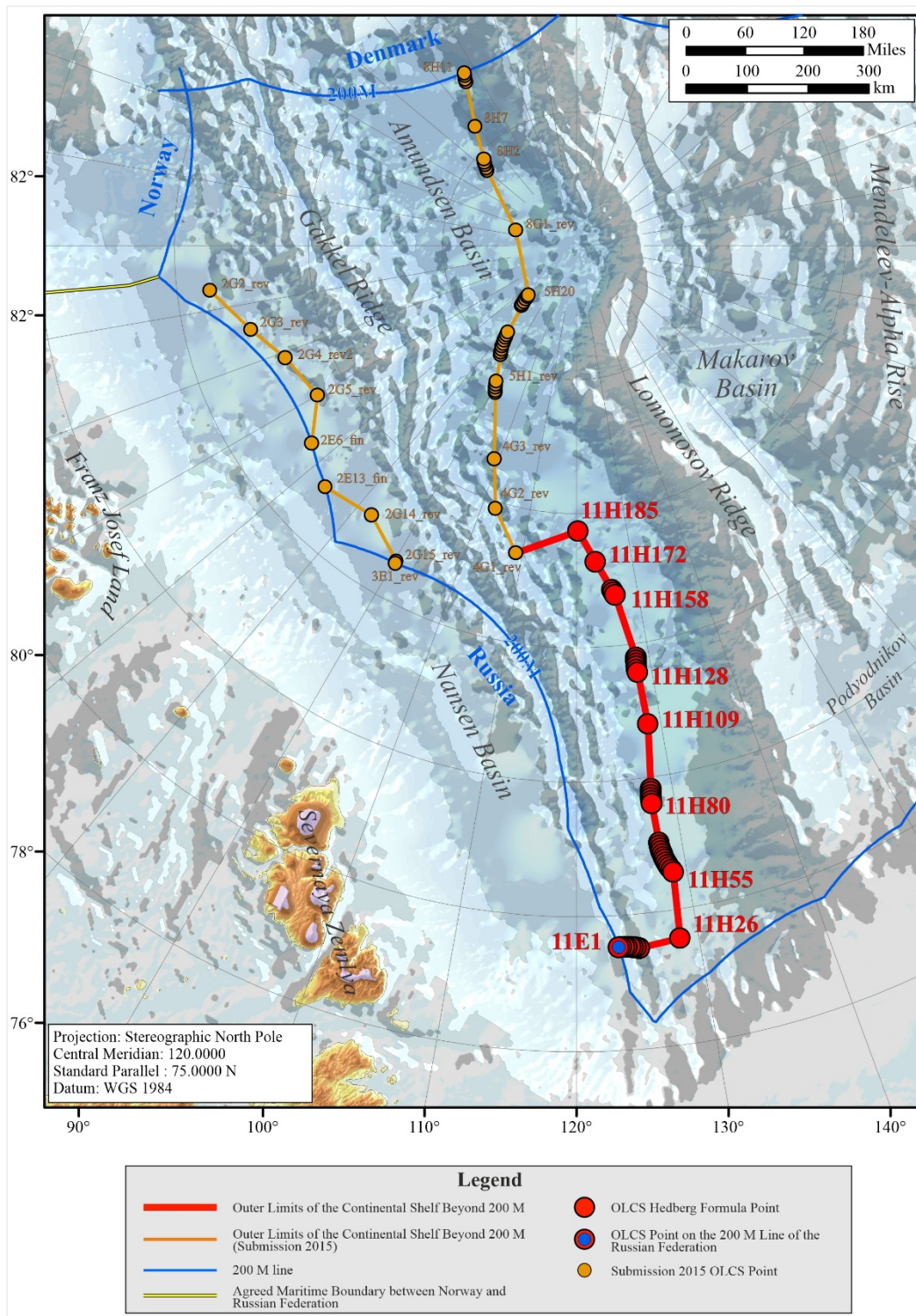


Fig. 1 OLCS line of the Russian Federation in the south-east Eurasia Basin in the Arctic Ocean

The claimed OLCS line of this Submission is formed by formula constructions from the already approved by the Commission FOS points along the Lomonosov Ridge, which was classified by the Commission as submarine elevation based on the results of consideration of the partial revised Submission of the Russian Federation in respect of the extended continental shelf in the Arctic Ocean dated 3 August 2015.

In accordance with paragraphs 3.2.1 and 3.2.3 of the STG, all distances this Submission are given in nautical miles (M) or metres (m).

Geodetic coordinates are given in degrees, with a precision of six decimal places in decimal.

In accordance with the paragraphs 3.2.8 – 3.2.13 of the STG, all geodetic coordinates and calculated distances used in the Submission are defined in the geocentric World Geodetic System WGS-84.

Russian national geodetic and cartographic source materials, which were used in the Submission, were converted from the State coordinate system of 1942 (Pulkovo-42” on the ellipsoid Krassovsky 1940) into World Geodetic System WGS-84.

For coordinate conversion from a geodetic coordinate system Pulkovo-42 in WGS-84 in the Russian Federation adopted the transformation parameters set forth both in the “Parameters of the Earth 1990 (PZ-90.02)” (enacted by the Russian Government Decree of 20 June 2007 No. 797-p) and in State Standard GOST R 51794-2008 “Global navigation satellite system. Coordinate systems. Methods of transformations of the coordinates of the designated point”.

The Manual S-60, published by the International Hydrographic Bureau (User’s Handbook on Datum transformations involving WGS-84. Monaco, 2003), contains data for coordinate transformation from the coordinate system of 1942 (Pulkovo-1942 Russia) in WGS-84.

All formula constructions in this Submission were carried out by means of the Geocap software.

THE APPLICABLE PROVISIONS OF ARTICLE 76 OF THE CONVENTION

The provisions of the following paragraphs of article 76 of the Convention have been used to justify the OLCS position of the Russian Federation in this Submission:

- paragraph 1 – in relation to the concept of the continental shelf as a natural prolongation of land territory to the outer edge of the continental margin;
- paragraph 4 – in relation to the determination of the outer edge of the continental margin by reference to fixed points not more than 60 M from the FOS 76(4)(a)(ii);
- paragraph 5 – in relation to the constraint criteria for drawing the OLCS line at a distance not exceeding 350 M from the baselines from which the breadth of the territorial sea is measured;
- paragraph 7 – in relation to the OLCS establishment, where that shelf extends beyond 200 M from the baselines, by straight lines not exceeding 60 M in length, connecting fixed points defined by coordinates of latitude and longitude.

COMMISSION MEMBERS WHO PROVIDED ADVICE IN THE PREPARATION OF THE SUBMISSION

In preparing this Submission scientific advice was provided by Dr. I.F. Glumov (member of the Commission from 2012 to present) and Dr. Yu. B. Kazmin (member of the Commission from 1997 to 2012). None of the other former or current members of the Commission provided advice.

ISSUES OF MARITIME DELIMITATION

In accordance with Paragraph 2 of Annex 1 (CLCS/40/Rev.1) of the Rules of Procedure of the Commission, the Russian Federation informs the Commission of the presence of unresolved disputes of maritime delimitation in the areas significant for this Submission between the Russian Federation and the Kingdom of Denmark, and between the Russian Federation and Canada.

Kingdom of Denmark

The claimed areas in the Submission of the Kingdom of Denmark in respect of the continental shelf north of Greenland dated 15 December 2014 substantially overlap the areas included in this Submission.

The Russian Federation informs the Commission that in respect of delimitation of the continental shelf in the Arctic Ocean there is the following agreement between the Russian Federation and the Kingdom of Denmark in the context of paragraph 10 of Article 76 of the Convention, Article 9 of Annex II to the Convention and Rule 46 of the Rules of Procedure of the Commission and Annex 1 to the Rules of Procedure of the Commission (CLCS/40/Rev.1):

«When one State makes Submission to the Commission, the other State shall immediately forward to the Secretary-General of the UN a diplomatic note that exactly says:

1. A State does not object to the Commission considering the Submission of the other State and make recommendations thereon;
2. The recommendations made by the Commission in respect of the Submission of one State shall be without prejudice to the rights of the other State in the course of the Commission's consideration of its own Submission;
3. The above recommendations with respect to any State shall not prejudice the delimitation of the continental shelf between the two States.

Each Party refers to this agreement in its Submission to the Commission; requests the Commission to make recommendations based on this agreement; and requests the Secretary-General of the United Nations to declare the content of the above-mentioned diplomatic note to Member States of the United Nations and the States parties to the Convention.

Canada

The claimed areas in the Submission of Canada in respect of the continental shelf in the Arctic Ocean dated 23 May 2019 and in the Addendum to it dated 19 December 2022 also substantially overlap the areas included in this Submission.

The Russian Federation and Canada held consultations on this issue and reached the following understanding:

«When one State makes Submission to the Commission, the other State shall immediately forward to the Secretary-General of the UN a diplomatic note that exactly says:

1. A State does not object to the Commission considering the Submission of the other State and make recommendations thereon;
2. The recommendations made by the Commission in respect of the Submission of one State shall be without prejudice to the rights of the other State in the course of the Commission's consideration of its own Submission;
3. The above recommendations with respect to any State shall not prejudice the delimitation of the continental shelf between the two States.

Each Party refers to this agreement in its Submission to the Commission; requests the Commission to make recommendations based on this agreement; and requests the Secretary-General of the United Nations to declare the content of the above-mentioned diplomatic note to Member States of the United Nations and the States parties to the Convention.

In view of the above, the Russian Federation requests the Commission to consider these and other materials to this Submission and to make recommendations thereon, without prejudice to any subsequent transfer of data and other materials of the Russian Federation, the Kingdom of Denmark and Canada or to the delimitation of the continental shelf between the Russian Federation, the Kingdom of Denmark and Canada.

Final delimitation of the continental shelf of the Russian Federation in the Arctic Ocean with the Kingdom of Denmark and Canada shall be carried out in accordance with the provisions of Article 83 of the Convention (after the adoption of Commission recommendations on this Submission of the Russian Federation).

**APPENDIX №1. CATALOGUE OF GEOGRAPHIC COORDINATES OF THE
OLCS FIXED POINTS OF THE RUSSIAN FEDERATION IN THE SOUTH-
EAST EURASIA BASIN IN THE ARCTIC OCEAN**

Coordinate system WGS 84

№	OLCS fixed point name	Latitude, N (deg.)	Longitude, E (deg.)	Distance to the next OLCS fixed point (M)	Method; Article 76 criterion
1	11E1	79.530799	123.421039	2.6	Fixed point on 200 M zone line of the Russian Federation. Determined by calculating the intersection point of the 200 M zone line of the Russian Federation and the Hedberg line; 76(4)(a)(ii)
2	11H2	79.532138	123.654090	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
3	11H3	79.531353	123.900461	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
4	11H4	79.528367	124.146278	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
5	11H5	79.523187	124.390894	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
6	11H6	79.515827	124.633671	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
7	11H7	79.506305	124.873976	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
8	11H8	79.494648	125.111189	37.6	Fixed point on the Hedberg line; 76(4)(a)(ii)
9	11H26	79.568490	128.517885	59.4	Fixed point on the Hedberg line; 76(4)(a)(ii)
10	11H55	80.552768	128.763060	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
11	11H56	80.591596	128.626929	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
12	11H57	80.631341	128.500525	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)

№	OLCS fixed point name	Latitude, N (deg.)	Longitude, E (deg.)	Distance to the next OLCS fixed point (M)	Method; Article 76 criterion
13	11H58	80.671934	128.384193	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
14	11H59	80.713303	128.278270	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
15	11H60	80.755374	128.183084	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
16	11H61	80.798071	128.098954	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
17	11H62	80.841317	128.026189	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
18	11H63	80.885029	127.965085	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
19	11H64	80.929126	127.915925	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
20	11H65	80.973524	127.878977	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
21	11H66	81.018135	127.854493	35.3	Fixed point on the Hedberg line; 76(4)(a)(ii)
22	11H80	81.602202	127.670980	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
23	11H81	81.646972	127.666413	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
24	11H82	81.691726	127.675736	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
25	11H83	81.736373	127.699153	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
26	11H84	81.780820	127.736844	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
27	11H85	81.824974	127.788959	58.1	Fixed point on the Hedberg line; 76(4)(a)(ii)
28	11H109	82.783618	128.497058	47.4	Fixed point on the Hedberg line; 76(4)(a)(ii)

№	OLCS fixed point name	Latitude, N (deg.)	Longitude, E (deg.)	Distance to the next OLCS fixed point (M)	Method; Article 76 criterion
29	11H128	83.568994	128.136225	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
30	11H129	83.613698	128.114244	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
31	11H130	83.658466	128.110181	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
32	11H131	83.703210	128.124422	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
33	11H132	83.747835	128.157331	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
34	11H133	83.792250	128.209236	59.3	Fixed point on the Hedberg line; 76(4)(a)(ii)
35	11H158	84.756634	126.279597	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
36	11H159	84.796501	126.055880	2.7	Fixed point on the Hedberg line; 76(4)(a)(ii)
37	11H160	84.837175	125.848819	29.1	Fixed point on the Hedberg line; 76(4)(a)(ii)
38	11H172	85.273225	123.458488	31.8	Fixed point on the Hedberg line; 76(4)(a)(ii)
39	11H185	85.740067	120.316334	59.4	Fixed point on the Hedberg line; 76(4)(a)(ii)
40	4G1_Rev*	85.321318	108.835147		Gardiner point; 76(4)(a)(i)

** Point 4G1_Rev – the last approved south-eastern point of the OLCS line in the Amundsen Basin of the Eurasia Basin in the Arctic Ocean of the partial revised Submission of the Russian Federation in respect of the extended continental shelf in the Arctic Ocean dated 3 August 2015.*