

Executive Summary

2023



The Outer Limits of the Extended Continental Shelf of the United States of America

U.S.
Extended Continental Shelf
Project



Published by the U.S. Department of State

Additional information may be found on the following U.S.

Department of State website:

<https://www.state.gov/shelf>

This document may be cited as follows:

United States Department of State, *The Outer Limits of the Extended Continental Shelf of the United States of America: Executive Summary*. Washington, 2023.



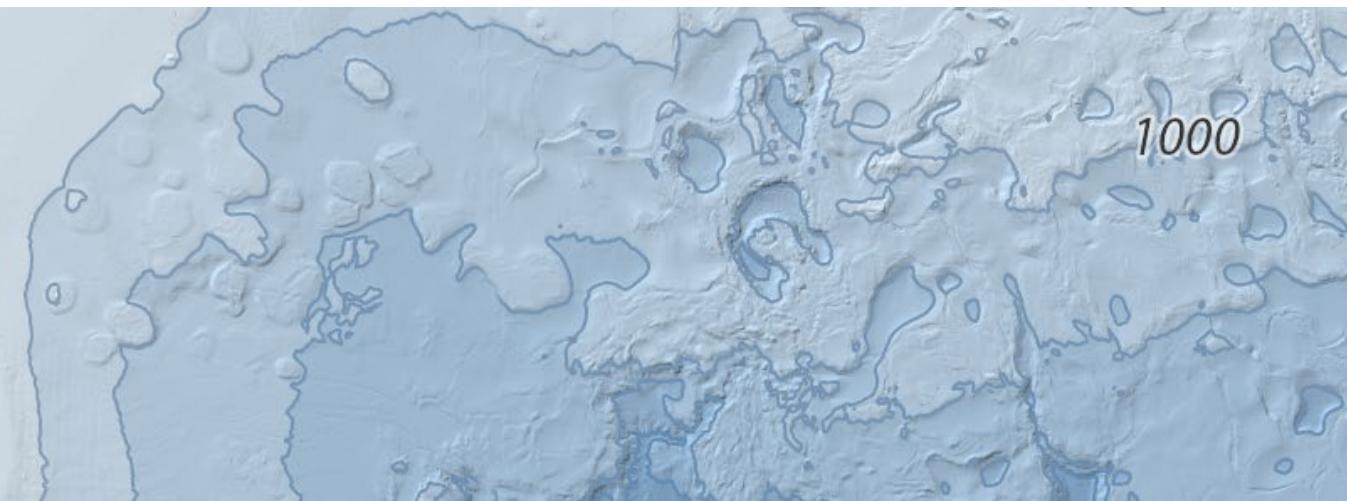


Contents

1. Introduction	6
2. Maps & Coordinates	8
3. Provisions of Article 76 Invoked	10
4. Data Collection	11
5. Commission Members Who Provided Advice	13
6. Neighboring Countries and Maritime Delimitation	13
7. Region-by-Region Overview	13
7.1 Arctic Region	15
7.2 Atlantic Region	21
7.3 Bering Sea Region	27
7.4 Eastern Gulf of Mexico Region	33
7.5 Western Gulf of Mexico Region	39
7.6 Mariana Islands Region	43
7.7 Pacific Region	49
8. Notes	53
Appendix: Fixed Points Comprising the Outer Limits of the Continental Shelf	54
Arctic Region	54
Atlantic Region	76
Bering Sea Region	82
Eastern Gulf of Mexico Region	83
Western Gulf of Mexico Region	84
Mariana Islands Region	85
Pacific Region	86

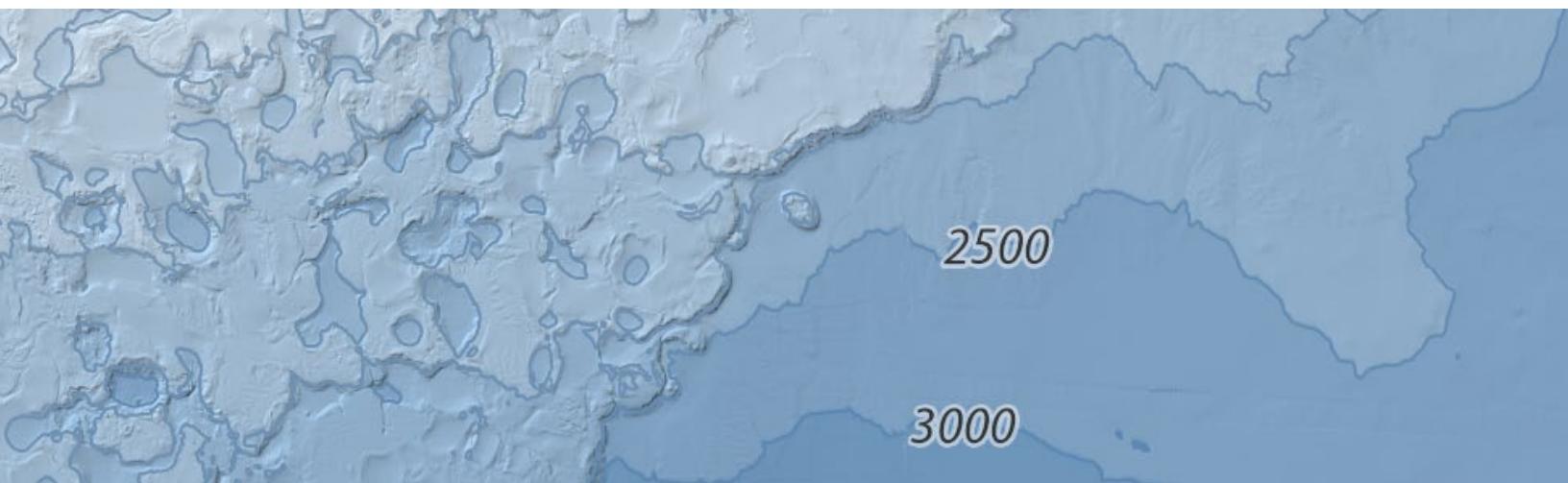
Maps

Map 1	U.S. Extended Continental Shelf Regions	9
Map 2	Arctic Region	16
Map 3	Outer limits of the U.S. continental shelf in the Arctic Region	18
Map 4	Atlantic Region	22
Map 5	Outer limits of the U.S. continental shelf in the Atlantic Region	24
Map 6	Bering Sea Region	28
Map 7	Outer limits of the U.S. continental shelf in the Bering Sea Region	30
Map 8	Eastern Gulf of Mexico Region	34
Map 9	Outer limits of the U.S. continental shelf in the Eastern Gulf of Mexico Region	36
Map 10	Western Gulf of Mexico Region	40
Map 11	Outer limits of the U.S. continental shelf in the Western Gulf of Mexico Region	41
Map 12	Mariana Islands Region	44
Map 13	Outer limits of the U.S. continental shelf in the Mariana Islands Region	47
Map 14	Pacific Region	50
Map 15	Outer limits of the U.S. continental shelf in the Pacific Region	52



Tables of Fixed Points Comprising the Outer Limits of the Continental Shelf

Table 1	Arctic Region	54
Table 2	Atlantic Region	76
Table 3	Bering Sea Region	82
Table 4	Eastern Gulf of Mexico Region	83
Table 5	Western Gulf of Mexico Region	84
Table 6	Mariana Islands Region	85
Table 7	Pacific Region	86



1. Introduction

This Executive Summary provides information on the outer limits of the U.S. continental shelf in areas beyond 200 nautical miles from the territorial sea baselines (referred to as the “extended continental shelf”). The United States has delineated these outer limits in accordance with the relevant provisions of the 1982 United Nations Convention on the Law of the Sea (Convention) and the Scientific and Technical Guidelines of the Commission on the Limits of the Continental Shelf.

In Presidential Proclamation No. 2667 of 1945, the United States asserted jurisdiction over the natural resources of the continental shelf off its coasts. The domestic laws of the United States provide for U.S. rights and jurisdiction relating to the continental shelf, consistent with international law. Such domestic laws include the Outer Continental Shelf Lands Act, first enacted in 1953. Under this statute, the outer limits of the U.S. “outer continental shelf” are the same as the outer limits of the U.S. extended continental shelf determined under international law.

Since its adoption in 1982, the United States has strongly supported the Convention and it has been the policy of the United States to act in a manner consistent with its provisions with respect to traditional uses of the ocean. The Convention generally reflects customary international law binding on all countries, including the provisions in Article 76 pertaining to delineating the outer limits of the continental shelf. In this regard, the United States has delineated the outer limits of its extended continental shelf consistent with Article 76. A country’s continental shelf rights are inherent under international law, including as reflected in Article 77 of the Convention, and *exist ipso facto and ab initio*.

The United States has prepared a package of data and documents on its continental shelf limits for submission to the Commission on the Limits of the Continental Shelf. This submission package was prepared consistent with the Commission’s Scientific and Technical Guidelines and provides detailed information on the outer limits of the U.S. extended continental shelf. The United States will file its submission package with the Commission upon accession to the Convention. The United States is also open to filing its submission package with the Commission as a non-Party to the Convention. This would be consistent with the Commission’s mandate to provide recommendations and advice to coastal States concerning the outer limits of the continental shelf and would support the rules-based system under the Convention for delineating the continental shelf and the seabed area beyond national jurisdiction.

The delineation of the outer limits of the U.S. extended continental shelf, including the preparation of this Executive Summary and the full U.S. submission package, has been coordinated by the U.S. Extended Continental Shelf (ECS) Task Force, an interagency body of the U.S. Government. The lead agencies of the U.S. ECS Task Force are the Department of State, the National Oceanic and Atmospheric Administration (NOAA), and the Department of the Interior, which includes the U.S. Geological Survey (USGS). From 2014 to 2023, analysis and documentation of the U.S. extended continental shelf was led by the U.S. ECS Project Office, located in Boulder, Colorado, at the NOAA National Centers for Environmental Information (NCEI). The U.S. ECS Project Office is staffed with experts from the Department of State, NOAA, and the University of Colorado and has been supported by close scientific and technical cooperation with scientists from the USGS and the Center for Coastal and Ocean Mapping/NOAA Joint Hydrographic Center, located at the University of New Hampshire. In addition to the agencies and organizations referred to previously, other members of the U.S. ECS Task Force have also made important contributions to delineating the outer limits of the U.S. extended continental shelf. As discussed in Section 4 of this Executive Summary, the U.S. extended continental shelf limits are supported by nearly two decades of extensive collection of marine geophysical data, including high-resolution multibeam data and multichannel seismic data.

This document describes the outer limits of the U.S. extended continental shelf in the following regions:

- Arctic
- Atlantic
- Bering Sea
- Eastern Gulf of Mexico
- Western Gulf of Mexico
- Mariana Islands
- Pacific

Map 1 shows the locations of these regions, which have a total extended continental shelf area of approximately 1 million square kilometers. Considering that data collection and the scientific study of U.S. continental margins are ongoing, the United States may delineate its extended continental shelf limits in additional areas in the future or revise the outer limits described herein.

2. Maps & Coordinates

Map 1 of this Executive Summary provides a general overview of the seven U.S. extended continental shelf regions delineated by the United States. Subsequent maps show the key geographic features of each region as well as the relevant points and lines relating to Article 76 of the Convention including the outer limits of the continental shelf. In addition to page-sized maps included in this document, the Executive Summary includes a poster-sized map for each U.S. extended continental shelf region. These maps provide more detailed information about the outer limits of the U.S. extended continental shelf in each region.

The Appendix of this Executive Summary lists the coordinates of latitude and longitude of the fixed points that define the outer limits of the continental shelf of the United States for each region.

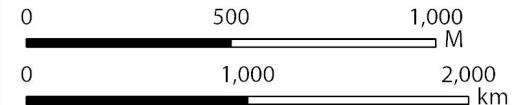
U.S. Extended Continental Shelf Regions

9

 U.S. ECS Regions

 U.S. Maritime Limits & Boundaries

Region	Square Kilometers
Arctic	520,400
Atlantic	239,100
Bering Sea	176,300
Eastern Gulf of Mexico	11,800
Western Gulf of Mexico	6,300
Mariana Islands	1,300
Pacific	32,500
Total	987,700



Projection: Lambert Conformal Conic



3. Provisions of Article 76 Invoked

The United States has applied the following provisions of Article 76 of the Convention to delineate the outer limits of its continental shelf:

- Paragraph 4, to establish the outer edge of the continental margin, including:
 - Paragraph 4(a)(i), to apply the sediment thickness formula, which is “a line delineated in accordance with paragraph 7 [of Article 76] by reference to the outermost fixed points at each of 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,”
 - Paragraph 4(a)(ii), to apply the 60 nautical mile formula, which is “a line delineated in accordance with paragraph 7 of [Article 76] by reference to fixed points not more than 60 nautical miles from the foot of the continental slope,” and
 - Paragraph 4(b), to determine the foot of the continental slope;
- Paragraph 5, to apply:
 - The distance constraint, located 350 nautical miles from the baselines from which the breadth of the U.S. territorial sea is measured, and
 - The depth constraint, located 100 nautical miles from the 2500 meter isobath;
- Paragraph 7, to delineate the outer limits of the continental shelf “by straight lines not exceeding 60 nautical miles in length, connecting fixed points, defined by coordinates of latitude and longitude;” and
- Paragraph 10, in cases where delimitation of the continental shelf between countries with opposite or adjacent coasts is relevant to the delineation of the outer limits of the continental shelf.

The table on the following page indicates which provisions of Article 76 are applied by the United States in its extended continental shelf regions.



U.S. Coast Guard Cutter Healy breaks ice alongside the Canadian Coast Guard Ship Louis S. St-Laurent in the Arctic.

Provisions of paragraphs 4, 5, 7, and 10 of Article 76 applied to U.S. extended continental shelf regions. Cells marked by a bullet character designate that the provision has been applied to the indicated region. Cells marked by dashes designate that the provision has not been applied.

Region	4(a)(i) Sediment Thickness Formula	4(a)(ii) 60 M Formula	4(b) Maximum Change in Gradient	5 Distance Constraint	5 Depth Constraint	7 \leq 60 M Straight Lines	10 Boundary Delimitation
Arctic	●	●	●	●	●	●	●
Atlantic	●	●	●	●	—	●	●
Bering Sea	●	●	●	●	—	●	●
Eastern Gulf of Mexico	●	—	●	●	—	●	●
Western Gulf of Mexico	—	●	●	●	—	●	●
Mariana Islands	—	●	●	●	—	●	●
Pacific	—	●	●	●	—	●	—

Note: M is nautical miles.

4. Data Collection

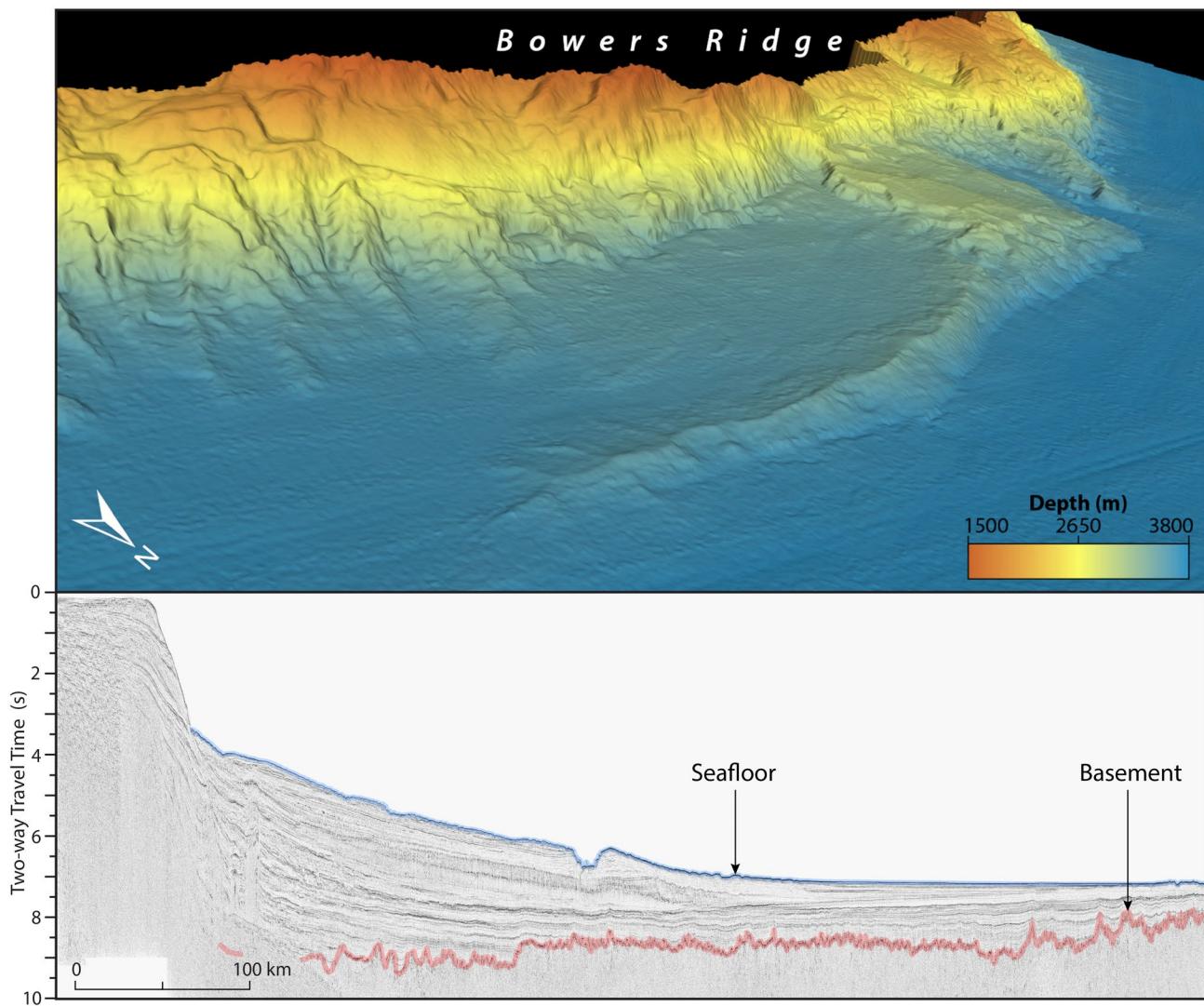
To apply the relevant provisions of Article 76 of the Convention, the United States has undertaken two decades of extensive collection of high-quality marine geophysical data. Since 2003, NOAA has mapped more than 3 million square kilometers of the ocean floor in support of the U.S. ECS Project. Bathymetric data were collected using state-of-the-art multibeam echosounders on 37 separate cruises totaling nearly 2.5 years of sea time. This is the largest offshore mapping effort ever conducted by the United States. Bathymetric data collection is coordinated by NOAA and undertaken by the Center for Coastal and Ocean Mapping/Joint Hydrographic Center, a cooperative partnership between NOAA and the University of New Hampshire.

Seismic data collection for the U.S. ECS Project is coordinated and undertaken by the USGS and includes 28,105 linear kilometers of seismic data acquired during 10 field programs between 2007 and 2016. Six of the seismic programs were conducted in cooperation with the government of Canada. For these cooperative efforts in the Arctic Ocean, the U.S. Coast Guard Cutter *Healy* collected multibeam bathymetric data and created a path through the ice for the Canadian Coast Guard Ship *Louis S. St-Laurent*, which followed collecting seismic reflection and refraction data with sensors towed or deployed behind the ship.

Data collected as part of the U.S. ECS Project are made available to the public for scientific use as quickly as possible after collection and processing. NOAA NCEI provides public access to the U.S. ECS Project data via its

data viewers and project data access page.¹ Making such data widely accessible supports the U.S. *Federal Data Strategy* by promoting public use of data to maximize the value of data for decision-making, accountability, and the public good.

In addition to data collected specifically to support the delineation of the U.S. extended continental shelf limits, the United States has also relied on pre-existing multibeam bathymetric data in the public domain and legacy seismic data available from a variety of sources including the University of Texas Institute for Geophysics, the Lamont-Doherty Earth Observatory of Columbia University, USGS, and U.S. Bureau of Ocean Energy Management.



Data of the seafloor and the sediments beneath it are essential for delineating the extended continental shelf limits of the United States. The top image shows full-coverage multibeam bathymetric data that provide a three-dimensional map of the seafloor in the Bering Sea Region. The bottom image depicts multichannel seismic data that provide a cross-section view of the sediments beneath the seafloor in the Atlantic Region.

¹ The NCEI data access page can be accessed from the Data Collection section of the U.S. Extended Continental Shelf Project website, <https://www.state.gov/shelf>.

5. Commission Members Who Provided Advice

The following current or former members of the Commission on the Limits of the Continental Shelf provided assistance to the United States relating to extended continental shelf analysis and documentation:

- Harald Brekke
- Aldino Campos
- Galo Carrera Hurtado
- Karl H.F. Hinz
- Wanda-Lee De Landro-Clarke
- Richard Thomas Haworth
- Martin Vang Heinesen
- Mazlan bin Madon
- Estevao Stefane Mahanjane
- David Cole Mosher
- Walter R. Roest
- Philip Alexander Symonds
- Toshitsugu Yamazaki
- Gonzalo Alejandro Yáñez Carrizo

Assistance to the United States was also provided by three experts who are not members of the Commission on the Limits of the Continental Shelf:

- Alain Murphy
- Scott Sweet
- Ray Wood

6. Neighboring Countries and Maritime Delimitation

The United States has existing maritime boundaries or unresolved maritime boundaries relevant to its extended continental shelf regions with the following neighboring countries:

- The Bahamas (Atlantic Region)
- Canada (Arctic and Atlantic Regions)
- Cuba (Eastern Gulf of Mexico Region)
- Japan (Mariana Islands Region)
- Mexico (Eastern and Western Gulf of Mexico Regions)
- Russian Federation (Arctic and Bering Sea Regions)

Section 7 of this Executive Summary discusses these boundary situations. With respect to all boundary situations, the outer limits of the U.S. continental shelf are without prejudice to the question of delimitation of the continental shelf between States with opposite or adjacent coasts, consistent with paragraph 10 of Article 76 of the Convention.

7. Region-by-Region Overview

The subsections that follow provide region-specific information on (1) the U.S. continental margin, (2) outer limits of the continental shelf, and (3) neighboring countries and maritime delimitation.

Arctic Region





7.1 Arctic Region

The Arctic Region of the U.S. continental shelf is located in the Arctic Ocean, north of the U.S. state of Alaska. This region is bounded by Canada to the east and the Russian Federation to the west.

The extended continental shelf of the United States in this region extends north to a distance of 350 nautical miles (in the east) and more than 680 nautical miles (in the west) from the territorial sea baselines of the United States.

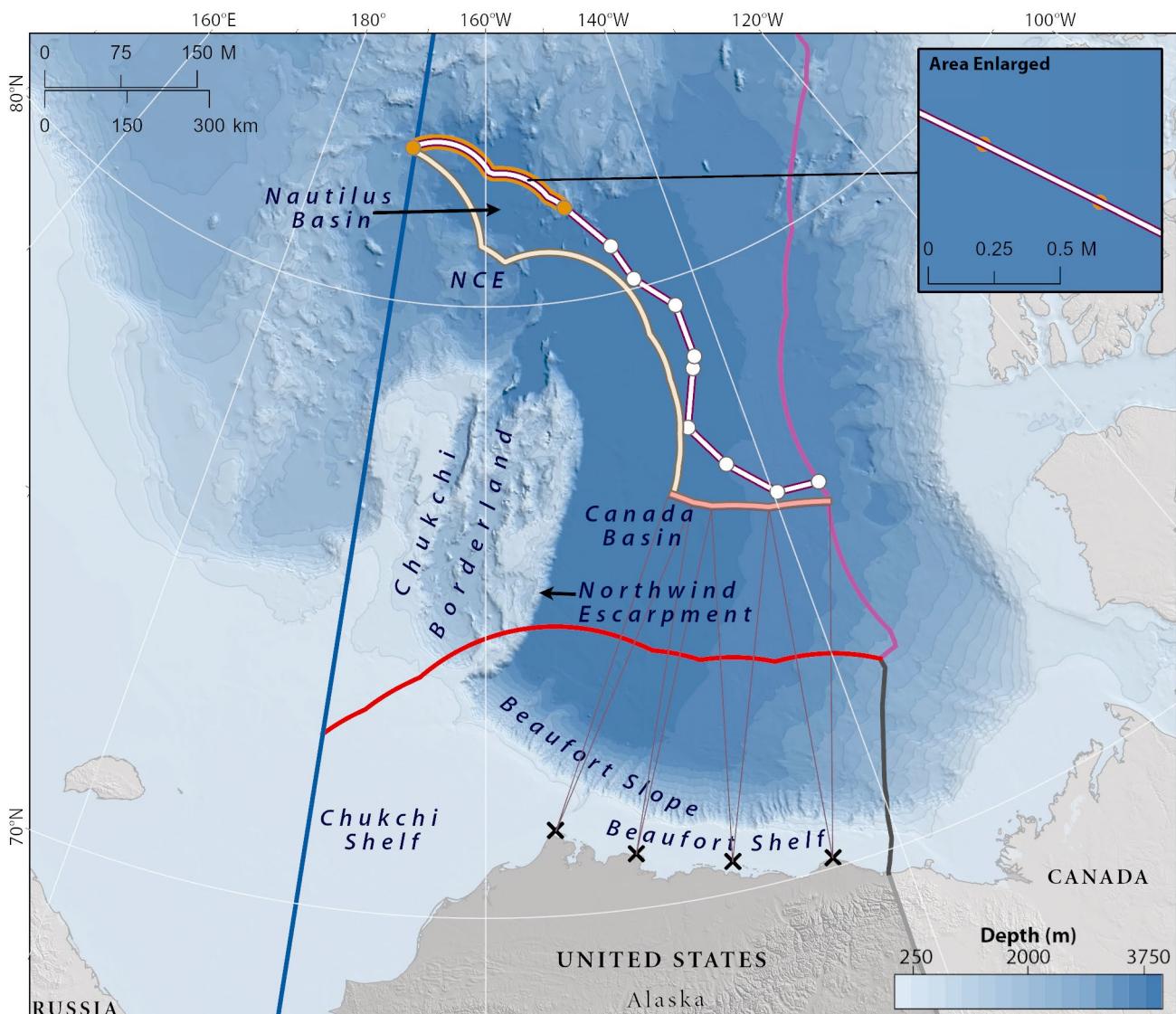


Continental Margin Overview

The continental margin of the United States in the Arctic Region extends north and northwest from Alaska and includes the Chukchi Borderland (Map 2). The continental margin in the Arctic Region is the submerged prolongation of the land mass of the U.S. state of Alaska.

Directly north of Alaska, the continental margin consists of the relatively narrow, low-gradient Beaufort Shelf and the complex Beaufort Slope, characterized by a series of canyons and ridges. Seaward of the Beaufort Slope is the flat-lying, sediment-filled Canada Basin. The Beaufort Shelf and Beaufort Slope are part of a continuous passive continental margin that continues to the northeast toward Canada and surrounds much of the deep Canada Basin.

To the northwest of Alaska, the continental margin is dominated by the Chukchi Borderland. The Chukchi Borderland is a complex seafloor elevation adjacent to and continuous with the Chukchi Shelf. Water depths within the Borderland range from approximately 300 to 2100 meters. The steep Northwind Escarpment bounds the east and northeast sides of the Chukchi Borderland and forms the transition to the deep ocean floor of the adjacent Canada Basin. At the northern end of the Chukchi Borderland is the northern Chukchi elevation, part of the Chukchi Borderland's lower slope, which transitions to the deep ocean floor of the Nautilus Basin. Extensive geophysical data and interpretation show that the Chukchi Borderland and the northern Chukchi elevation share a fundamental morphologic, structural, geochemical, geophysical, and tectonic connection with the Chukchi Shelf and northern Alaska.



- ✖ Point on the territorial sea baseline
- 60 M formula point
- Sediment thickness formula point
- Outer edge of the continental margin
- Depth constraint (2500 meters + 100 M)
- Distance constraint (350 M)
- U.S. 200 nautical mile limit
- Canada 200 nautical mile limit
- U.S.-Russia maritime boundary
- U.S.-Canada equidistant line (within 200 M)

Map 2: Arctic Region. The map depicts the outer edge of the continental margin (white line with purple edges), the 350 nautical mile distance constraint (orange line), the depth constraint (yellow line), the U.S.-Russia maritime boundary (blue line), and key geographic features of the region. NCE is northern Chukchi elevation. Inset shows point spacing of 0.5 nautical miles.

Outer Limits of the Continental Shelf

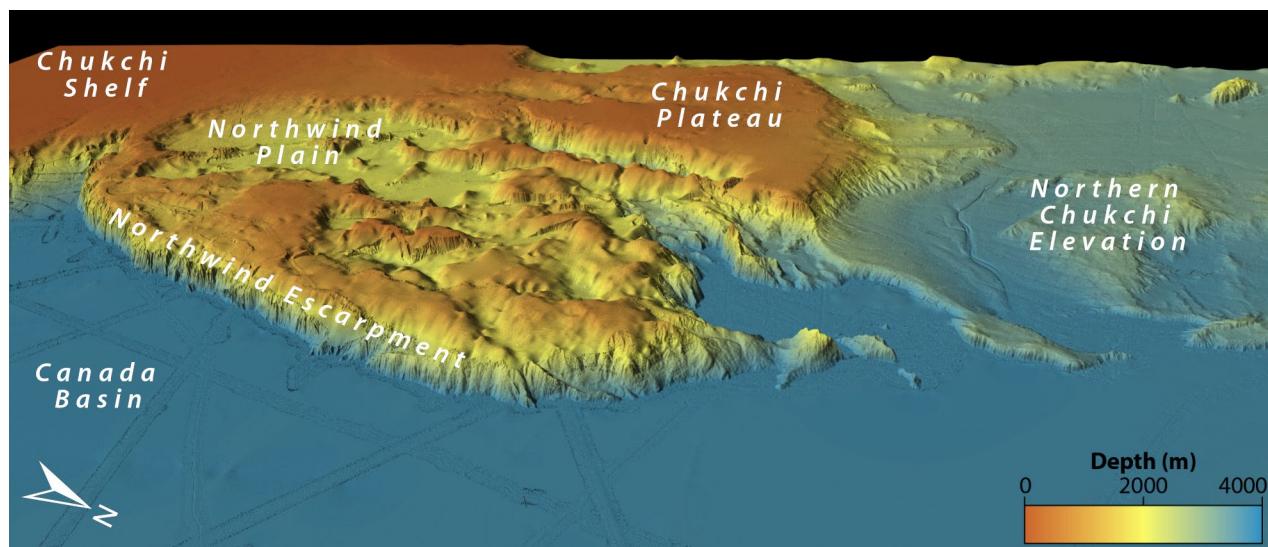
Map 3 and the accompanying poster-sized map depict the outer limits of the continental shelf of the United States in the Arctic Region delineated in accordance with Article 76 of the Convention. These outer limits are delineated from the Beaufort Slope and the Chukchi Borderland. The outer limits are formed by a combination of the distance and depth constraints (paragraph 5 of Article 76; Map 2) to the east and north, respectively. These constraints form the outer limits of the continental shelf because they are located landward of the outer edge of the continental margin, established in accordance with paragraph 4 of Article 76 (Map 2).

The outer limits are formed by straight lines not exceeding 60 nautical miles in length connecting 674 fixed points:

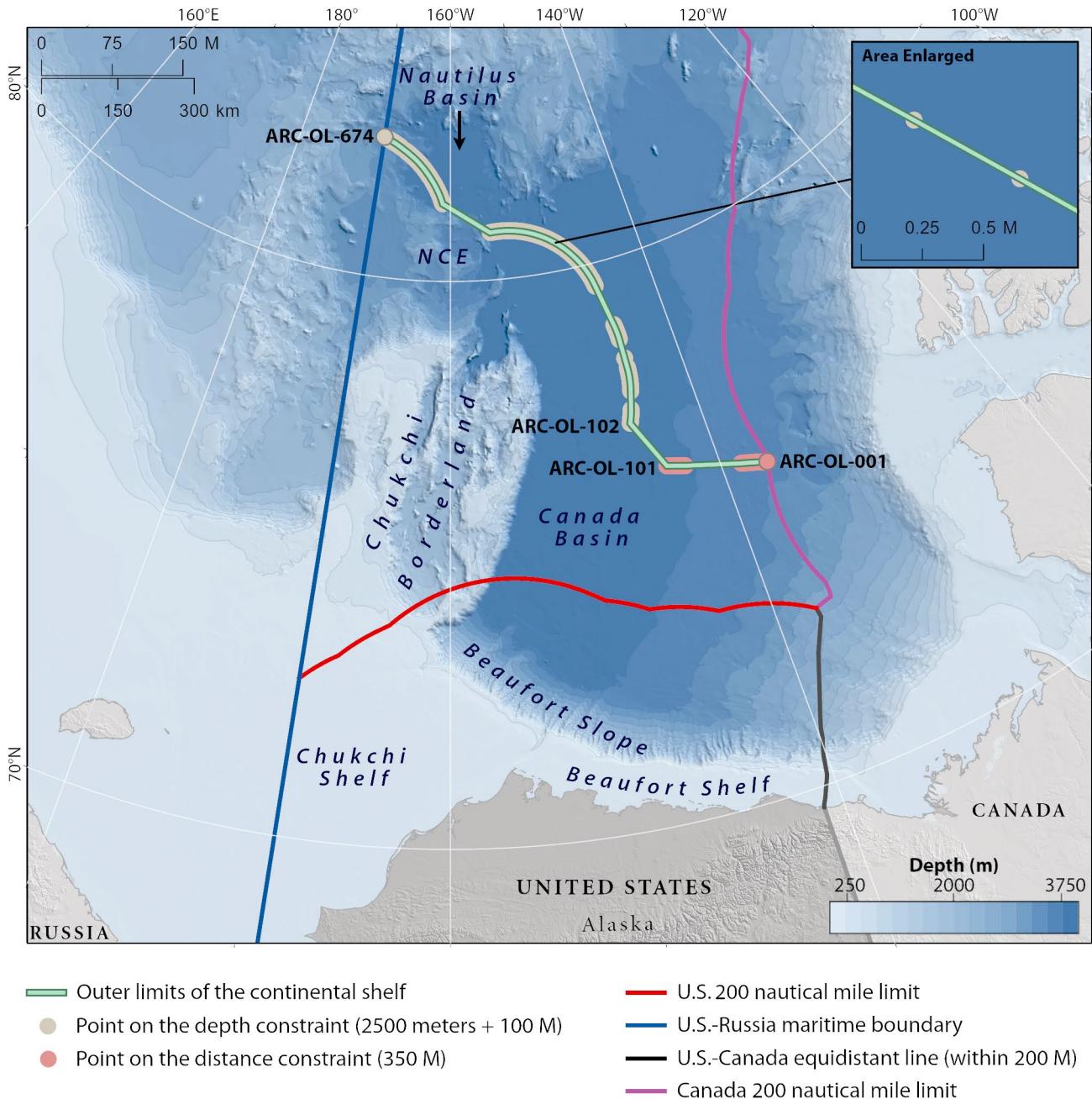
- Outer limit points ARC-OL-001 to ARC-OL-101 are fixed points located on the 350 nautical mile distance constraint (Article 76, paragraph 5). The first outer limit point, ARC-OL-001, is located on the 200 nautical mile limit of Canada. Along arcs, outer limit points have a spacing of 0.5 nautical miles.
- Outer limit points ARC-OL-102 to ARC-OL-674 are fixed points located on the depth constraint, 100 nautical miles from the 2500 meter isobath, which is a line connecting depths of 2500 meters (Article 76, paragraph 5). The last outer limit point, ARC-OL-674, is located on the U.S.-Russia maritime boundary. Along arcs, outer limit points have a spacing of 0.5 nautical miles.

The U.S.-Russia maritime boundary extends south of outer limit point ARC-OL-674 along the $168^{\circ} 58' 37''$ W meridian.

[Table 1](#) in the Appendix contains the coordinates of latitude and longitude for the outer limit points in the Arctic Region.



Bathymetric data enable three-dimensional maps of the ocean floor that reveal detailed terrain never before seen. This image depicts the Chukchi Borderland area in the Arctic Ocean, where the continental shelf of the United States extends more than 600 miles north of the Alaskan coast.



Map 3: Outer limits of the U.S. continental shelf in the Arctic Region. The outer limits (green line) are delineated by straight lines not exceeding 60 nautical miles in length connecting 674 fixed points. The outer limits are formed by points located on the 350 nautical mile distance constraint and the depth constraint (pink and beige points, respectively). Inset shows point spacing of 0.5 nautical miles.

Neighboring Countries and Maritime Delimitation

Maritime delimitation with the Russian Federation and Canada is relevant to the Arctic Region of the U.S. continental shelf.

In 1990, the United States and the USSR concluded the *Agreement between the United States of America and the Union of Soviet Socialist Republics on the Maritime Boundary* (1990 Agreement), which has been provisionally applied by agreement between the two countries since its date of signature. (The Russian Federation is the successor of the USSR with respect to the 1990 Agreement and the agreement to provisionally apply it.) The 1990 Agreement provides that the maritime boundary between the United States and the Russian Federation “extends north along the 168° 58' 37” W meridian through the Bering Strait and Chukchi Sea into the Arctic Ocean as far as permitted under international law.”

The United States has delineated the outer limits of its continental shelf in the Arctic Region consistent with the 1990 Agreement. As indicated previously, the westernmost fixed point delineating the outer limits of the continental shelf of the United States in the Arctic Region is located on the boundary established in the 1990 Agreement, “along the 168° 58' 37” W meridian.” None of the fixed points delineating the outer limits of the continental shelf of the United States are located west of the agreed boundary with the Russian Federation.

The United States and Canada have not concluded any maritime boundary agreements in the Arctic Region. Consultations between the United States and Canada have identified overlapping continental shelf entitlements of the two countries in the Arctic Ocean. Accordingly, the establishment of the outer limits of the continental shelf of the United States in the Arctic Region will depend on delimitation with Canada.

Canada has advised the United States that it would not object to the consideration of a U.S. submission by the Commission, without prejudice both to the delineation of the outer limits of its own continental shelf and to the matters relating to the delimitation of boundaries in this region between the United States and Canada.

Atlantic Region

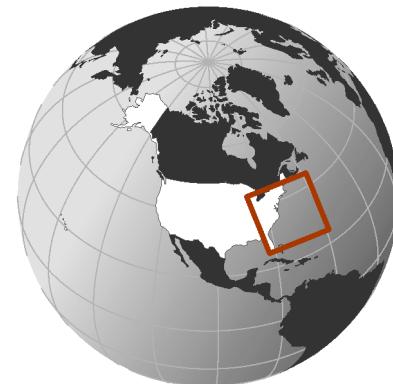




7.2 Atlantic Region

The Atlantic Region of the U.S. continental shelf is located in the Atlantic Ocean off the east coast of the continental United States. This region is bounded by Canada to the north and The Bahamas to the south.

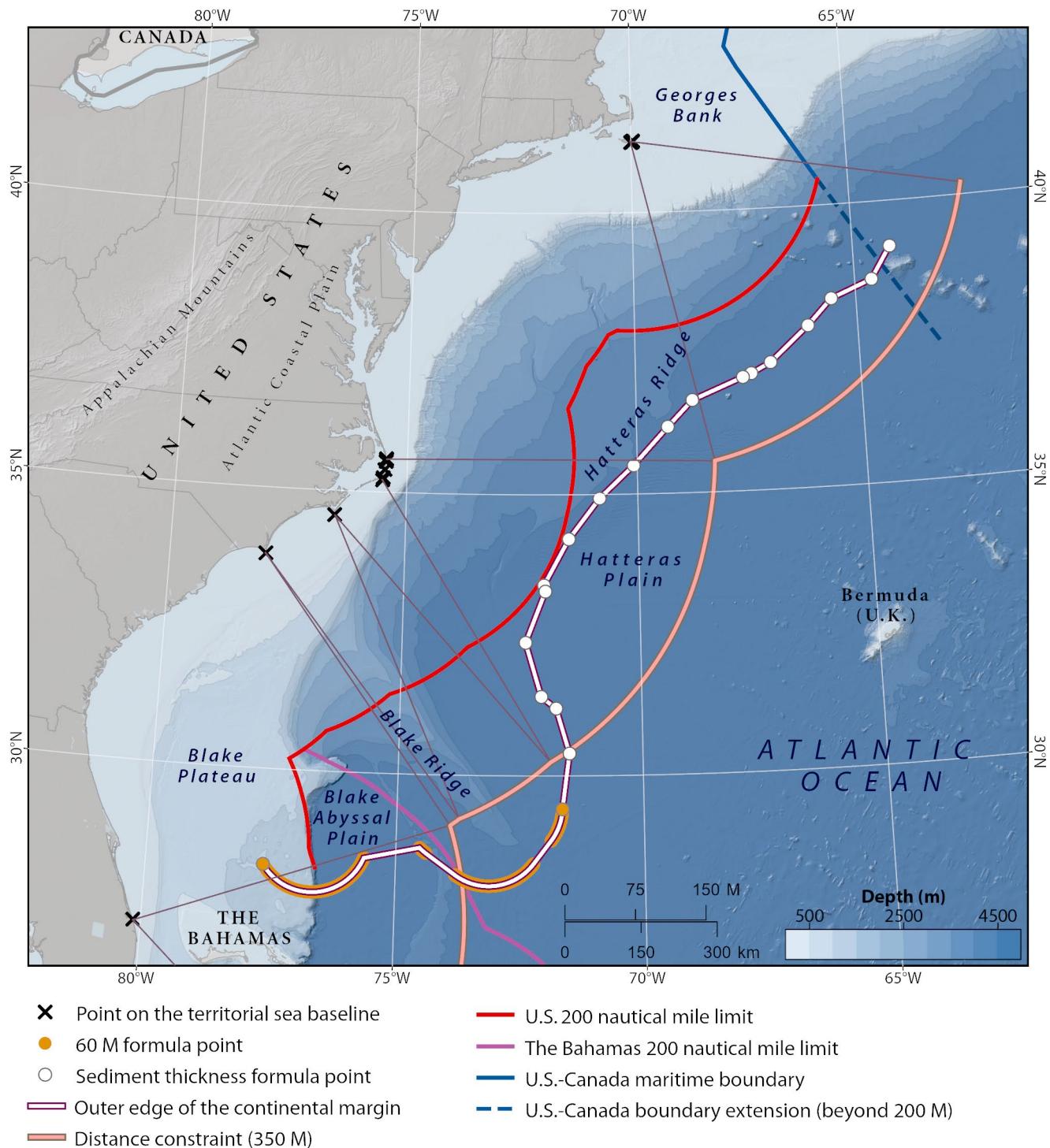
The extended continental shelf of the United States in this region extends to between 206 and 350 nautical miles from the territorial sea baselines of the United States.



Continental Margin Overview

The U.S. Atlantic continental margin is a continuous, mature passive continental margin spanning a north-to-south extent of more than 2200 kilometers from Canada to The Bahamas (Map 4). The continental margin in this region is the submerged prolongation of the land mass of the eastern United States. The U.S. land territory is geomorphologically continuous with the continental margin, including a shelf that varies in breadth from about 100 to 200 kilometers and a broad continental slope that flattens with depth. The northern part of the margin is often cited as a representative example of a passive continental margin.

The southern part of the margin is dominated by the Blake Plateau and the attached Blake Ridge. The Blake Plateau is a broad terrace with depths ranging from 500 to 1000 meters that transitions to the Blake Ridge, a complex sedimentary seafloor high. The landward portion of the Blake Ridge is broad and roughly triangular-shaped in map view. The seaward portion of the Blake Ridge narrows and projects to the southeast, extending more than 400 nautical miles from the coast. South of the Blake Ridge, the Blake Plateau transitions directly to the Blake Abyssal Plain at depths of about 5000 meters (Map 4).



Map 4: Atlantic Region. The map depicts the outer edge of the continental margin (white line with purple edges), the 350 nautical mile distance constraint (orange line), and key geographic features of the region.

Outer Limits of the Continental Shelf

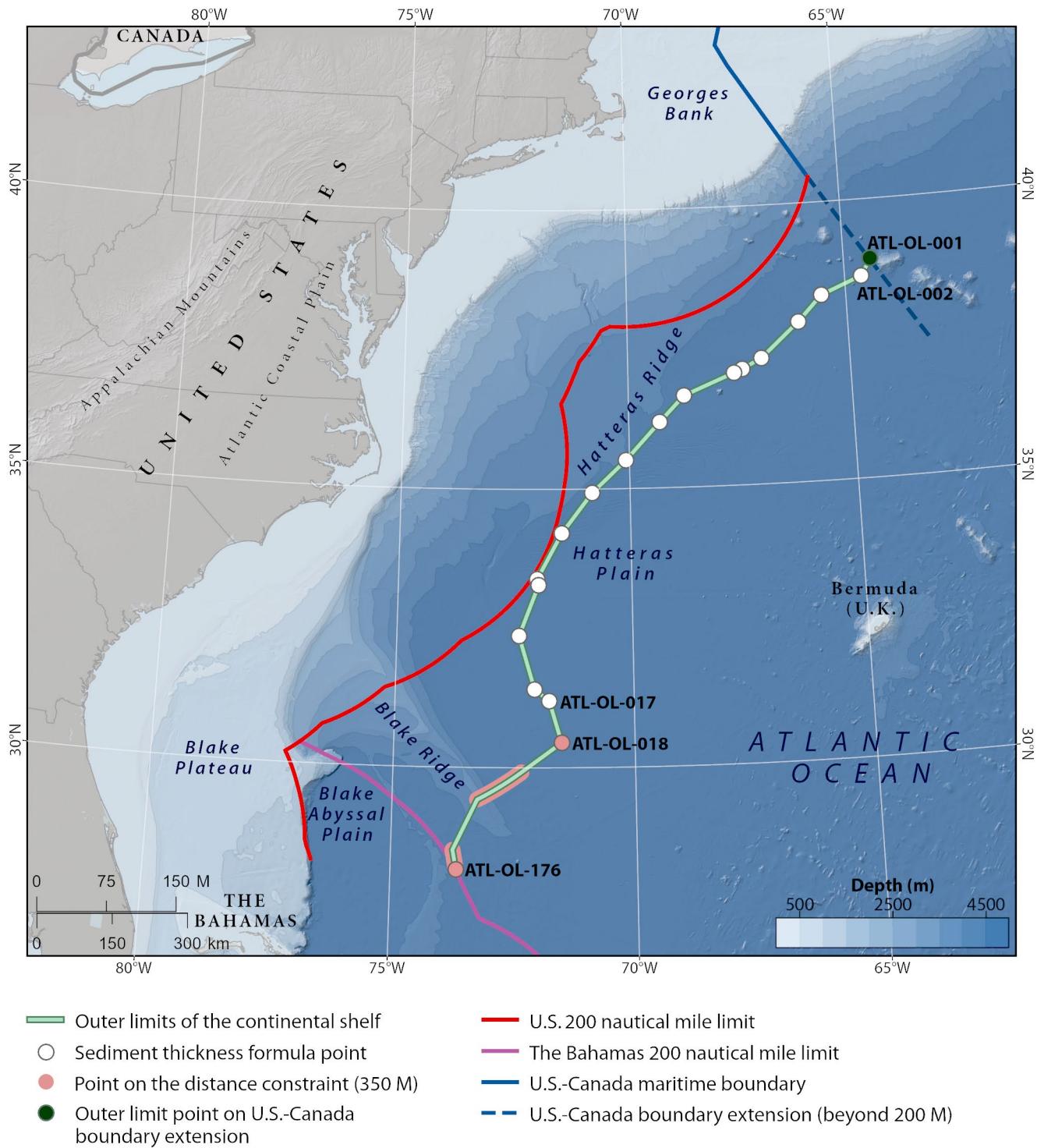
Map 5 and the accompanying poster-sized map depict the outer limits of the continental shelf of the United States in the Atlantic Region delineated in accordance with Article 76 of the Convention. The outer limits are formed by a combination of the sediment thickness formula (paragraph 4 of Article 76) in the north and the 350 nautical mile distance constraint (paragraph 5 of Article 76) in the south (Map 4). The outer limits are formed by straight lines not exceeding 60 nautical miles in length connecting 176 fixed points:

- Outer limit point ATL-OL-001 is a fixed point located at the intersection of the U.S.-Canada boundary extension beyond 200 nautical miles and a straight line connecting sediment thickness points.
- Outer limit points ATL-OL-002 to ATL-OL-017 are sediment thickness formula points.
- Outer limit points ATL-OL-018 to ATL-OL-176 are fixed points located on the 350 nautical mile distance constraint. Along the 350 nautical mile arcs, outer limit points have a spacing of 0.5 nautical miles. The final outer limit point (ATL-OL-176) is located on the 200 nautical mile limit of The Bahamas.

[Table 2](#) in the Appendix contains the coordinates of latitude and longitude for the outer limit points in the Atlantic Region.



Tuned air gun array in operation behind R/V Marcus G. Langseth in the Atlantic Ocean. The air gun array provides the seismic energy that penetrates the seabed and allows for measurement of sediment thickness.



Map 5: Outer limits of the U.S. continental shelf in the Atlantic Region. The outer limits (green line) are delineated by straight lines not exceeding 60 nautical miles in length connecting 176 fixed points. In the northern and central parts of the region, the outer limits are formed by the outer edge of the continental margin (sediment thickness formula points in white); in the southern part of the region, the outer limits are formed by points located on the 350 nautical mile distant constraint (pink points).

Neighboring Countries and Maritime Delimitation

Maritime delimitation with Canada and The Bahamas is relevant to the Atlantic Region of the U.S. continental shelf.

The United States and Canada have overlapping areas of continental shelf in the northern part of the Atlantic Region. In 1984, a Chamber of the International Court of Justice (ICJ) delimited the maritime boundary between the United States and Canada in the Atlantic Ocean out to a distance of 200 nautical miles from the U.S. coast. For purposes of delineating its continental shelf limits, the United States has computed an extension of the ICJ Chamber's line of delimitation into the area beyond 200 nautical miles from the U.S. coast, maintaining the same southeasterly trajectory. This extension of the ICJ Chamber's line of delimitation is without prejudice to future delimitation of the continental shelf beyond 200 nautical miles by the United States and Canada.

The continental shelf of the United States in the southern part of the Atlantic Region overlaps with the continental shelf described by The Bahamas in its 2014 submission to the Commission on the Limits of the Continental Shelf. The United States and The Bahamas have not concluded any maritime boundary agreements.

Accordingly, the establishment of the outer limits of the continental shelf of the United States in the Atlantic Region will depend on delimitation with Canada (in the north) and with The Bahamas (in the south).

Overlapping continental shelf entitlements in the Atlantic have been the subject of consultations between the United States and Canada and between the United States and The Bahamas. Canada has advised the United States that it would not object to the consideration of a U.S. submission by the Commission, without prejudice both to the delineation of the outer limits of its own continental shelf and to the matters relating to the delimitation of boundaries in this region between the United States and Canada. The Bahamas has similarly advised the United States that it would not object to the consideration of a U.S. submission by the Commission, without prejudice both to the delineation of the outer limits of its own continental shelf and to the matters relating to the delimitation of boundaries in this region between the United States and The Bahamas.

Bering Sea Region





7.3 Bering Sea Region

The Bering Sea Region of the U.S. continental shelf is located in the northern Pacific Ocean. This region is bounded by the Alaska mainland to the northeast, the Aleutian Islands (U.S.) to the south, and mainland Russia to the northwest.

The extended continental shelf of the United States in this region is bounded by the 200 nautical mile limit of the United States and by the U.S.-Russia maritime boundary. It extends to a distance of approximately 340 nautical miles from the territorial sea baselines of the United States.

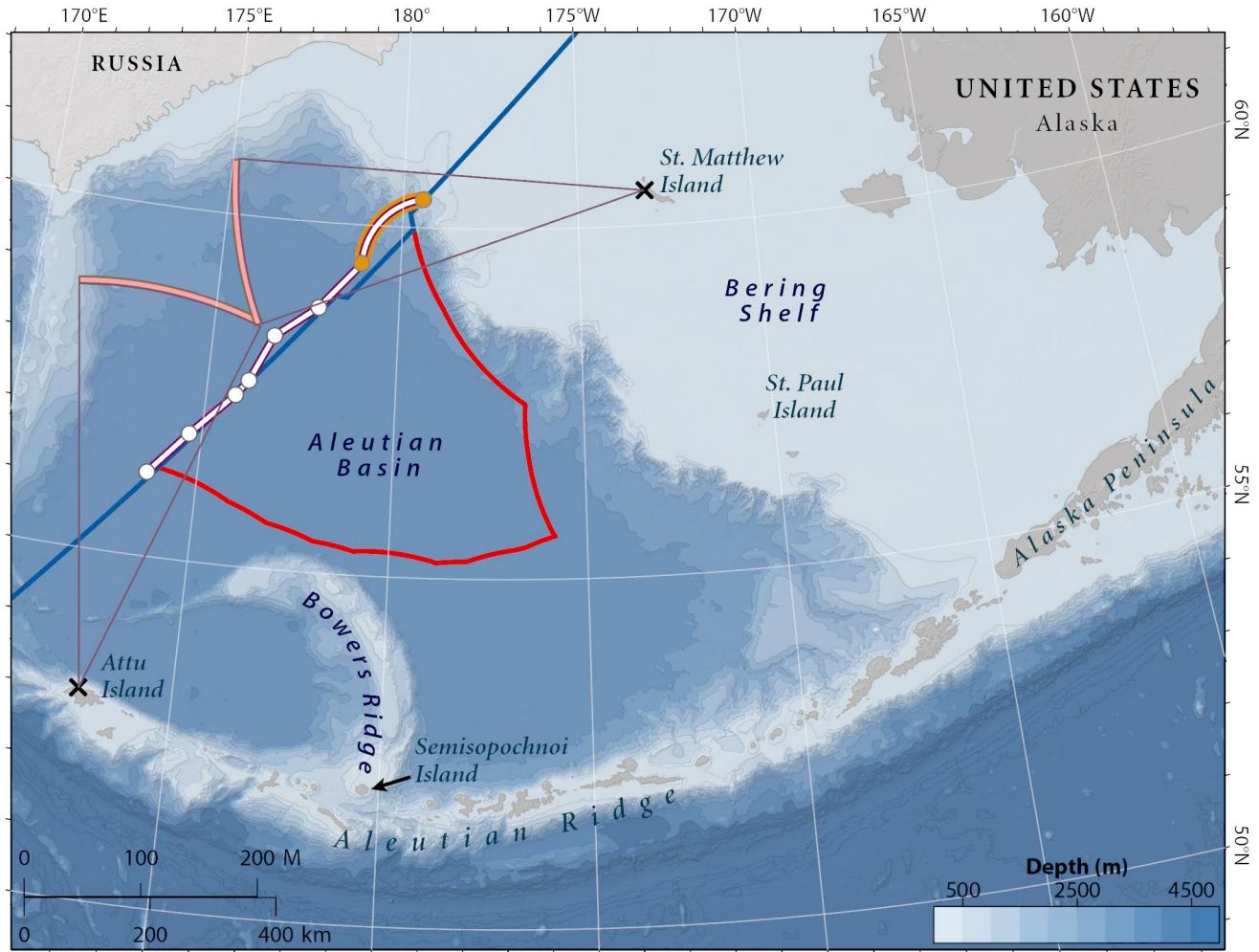


Continental Margin Overview

The continental margin of the United States in the Bering Sea Region includes the Bering Shelf to the northeast, the Aleutian Ridge to the south, and Bowers Ridge to the southwest (Map 6). The continental margin in this region is the submerged prolongation of the land mass of the U.S. state of Alaska. The land territory of Alaska, including its many islands, is geomorphologically continuous with the Bering Shelf, Aleutian Ridge, and Bowers Ridge. The flat-lying, sediment-filled Aleutian Basin lies seaward of and between these continental margin features.

The broad, low-gradient Bering Shelf is surmounted by several islands and extends 300 to 400 nautical miles from the coast of mainland Alaska. Its seaward edge is a complex, heavily incised slope with some of the largest submarine canyons in the world. The Aleutian Ridge is a continuous, arcuate volcanic ridge that separates the deep-water Pacific Ocean seafloor from the Bering Sea seafloor. It extends more than 2000 kilometers from the Alaska Peninsula and hosts more than 50 U.S. islands. Bowers Ridge, which hosts Semisopochnoi Island, branches northward from the Aleutian Ridge. The dominant slope feature of Bowers Ridge is its steep and rugged northern flank, which faces the Aleutian Basin.

Overall, the U.S. continental margin in the Bering Sea Region is continuous from the Bering Shelf, along the Aleutian Ridge, and along Bowers Ridge and encircles the Aleutian Basin.



- ✖ Point on the territorial sea baseline
- 60 M formula point
- Sediment thickness formula point
- ▬ Outer edge of the continental margin
- ▬ Distance constraint (350 M)
- ▬ U.S. 200 nautical mile limit
- ▬ U.S.-Russia maritime boundary

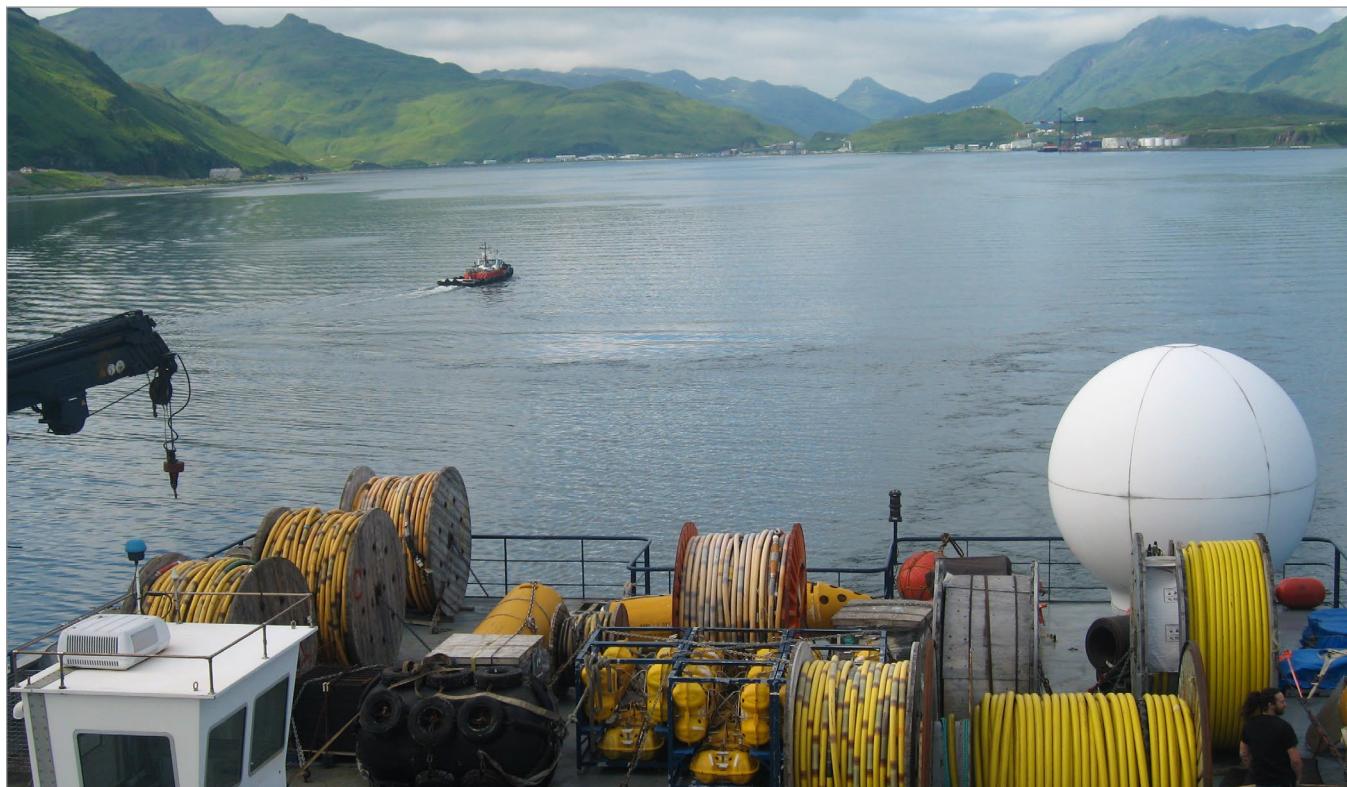
Map 6: Bering Sea Region. The map depicts the outer edge of the continental margin (white line with purple edges), the 350 nautical mile distance constraint (orange line), the U.S.-Russia maritime boundary (blue line), and key geographic features of the region.

Outer Limits of the Continental Shelf

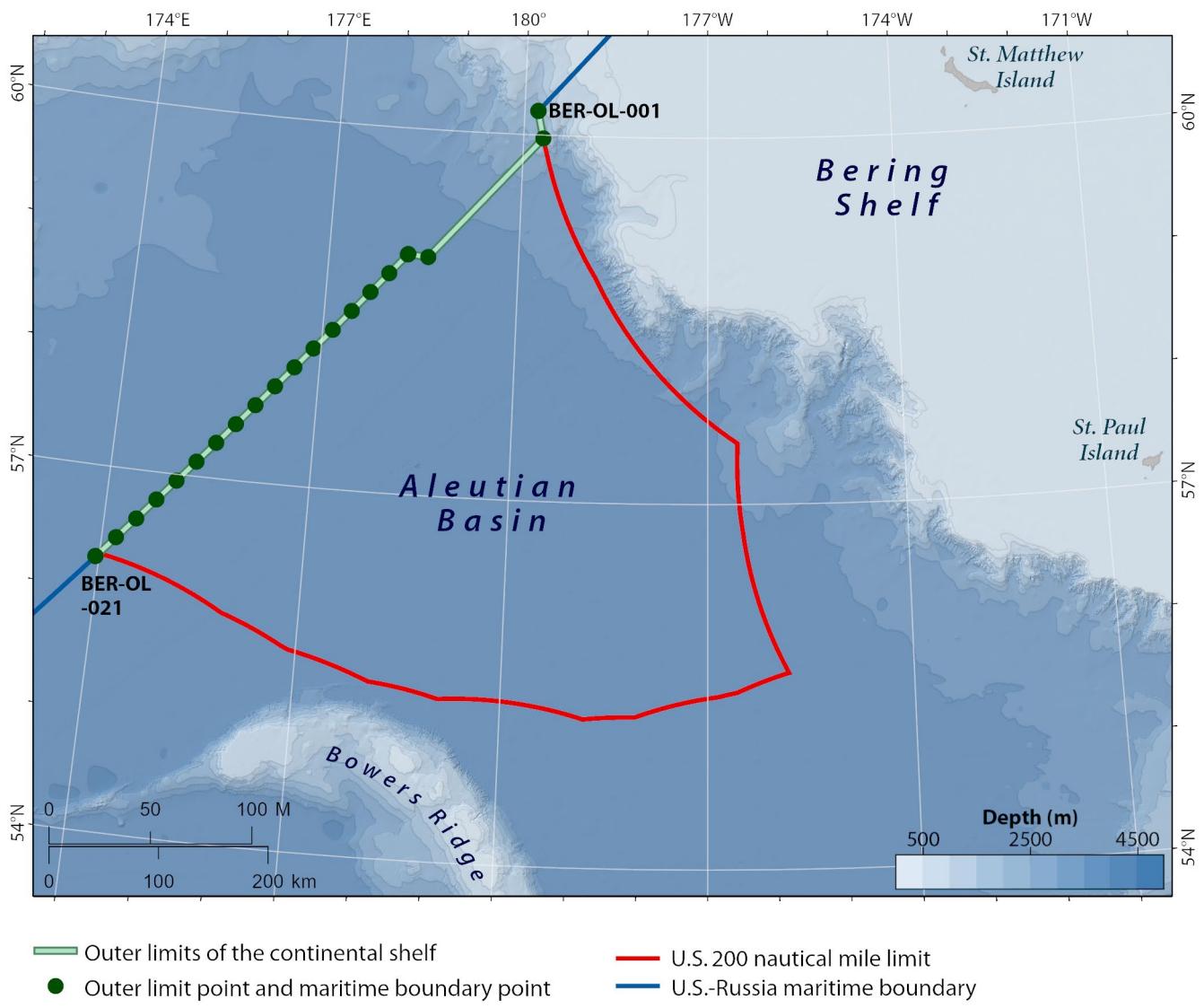
Map 7 and the accompanying poster-sized map depict the outer limits of the continental shelf of the United States in the Bering Sea Region. These outer limits correspond to the maritime boundary established between the United States and the Russian Federation in their 1990 Agreement. Specifically, the outer limits of the U.S. continental shelf in the Bering Sea Region are formed by 21 fixed points connected by lines or arcs, as set forth in the 1990 Agreement. These fixed points are the same as boundary points 36 to 56 in the 1990 Agreement.

The outer limits described previously, which are based on the 1990 Agreement between the United States and the Russian Federation, are located within (i.e., landward of) the outer edge of the continental margin delineated using the sediment thickness formula and the 60 nautical mile distance formula in accordance with paragraph 4 of Article 76. The outer edge of the continental margin and the boundary lie within (i.e., landward of) the 350 nautical mile distance constraint constructed in accordance with paragraph 5 of Article 76 (Map 6). Thus, the entirety of the area on the U.S. side of the boundary constitutes continental shelf under Article 76.

[Table 3](#) in the Appendix contains the coordinates of latitude and longitude for the outer limit points in the Bering Sea Region.



The rear deck of R/V Marcus G. Langseth as it departs Dutch Harbor, Alaska to collect data in the Bering Sea. The vessel collected the multichannel seismic data necessary to apply the sediment thickness formula in the Bering Sea Region. Image courtesy of Jennifer Jencks.



Map 7: Outer limits of the U.S. continental shelf in the Bering Sea Region. The outer limits (green line) are delineated by lines connecting 21 outer limit points (green points), consistent with the maritime boundary established in the 1990 U.S.-Russia Agreement.

Neighboring Countries and Maritime Delimitation

Maritime delimitation with the Russian Federation is relevant to the Bering Sea Region of the U.S. continental shelf.

The United States has delineated the outer limits of its continental shelf in the Bering Sea Region consistent with the 1990 Agreement between the United States and the Russian Federation. (This agreement is discussed above in Section 7.1, Arctic Region.) A portion of the U.S.-Russia maritime boundary established by the 1990 Agreement forms the outer limits of the U.S. continental shelf beyond 200 nautical miles in the Bering Sea Region.

Eastern Gulf of Mexico Region



7.4 Eastern Gulf of Mexico Region

The Eastern Gulf of Mexico Region of the U.S. continental shelf is located off the coast of the U.S. states of Alabama, Florida, Louisiana, and Mississippi in the eastern part of the Gulf of Mexico, a small ocean basin surrounded by the United States, Mexico, and Cuba.

The extended continental shelf of the United States in this region is bounded by the 200 nautical mile limit of the United States and by the U.S. maritime boundaries with Cuba and Mexico.



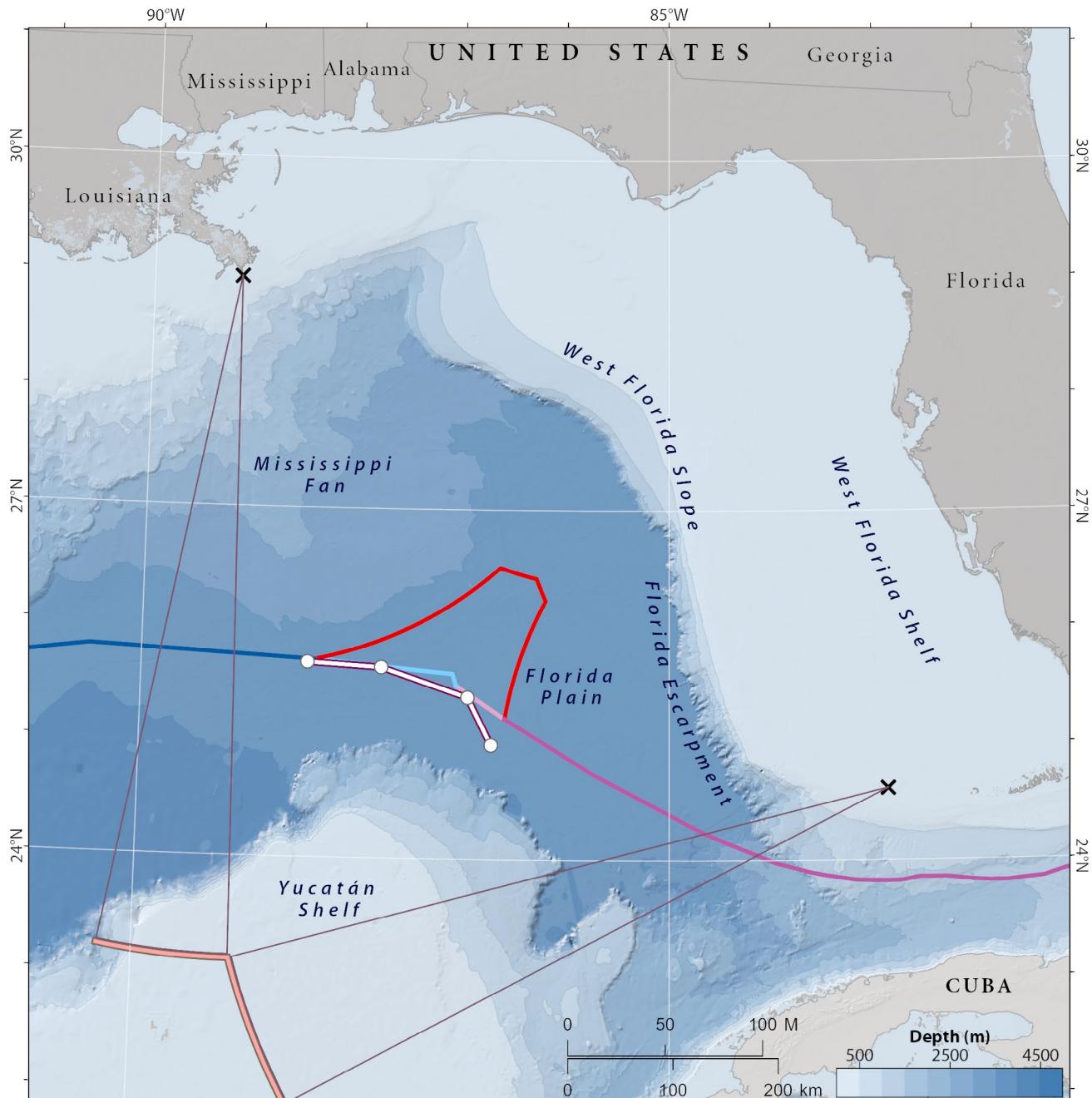
Continental Margin Overview

The continental margin of the United States in the Eastern Gulf of Mexico Region includes the broad, flat West Florida Shelf, the West Florida Slope, and the steep Florida Escarpment (Map 8). The flat-lying Florida Plain, underlain by a thick continuous sedimentary section, lies seaward of the U.S. continental margin. The U.S. continental margin in this region is the submerged prolongation of the land mass of the U.S. state of Florida. The land territory of Florida is geomorphologically continuous with the adjacent West Florida Shelf.

Outer Limits of the Continental Shelf

Map 9 and the accompanying poster-sized map depict the outer limits of the continental shelf of the United States in the Eastern Gulf of Mexico Region. These outer limits correspond with the continental shelf boundaries set forth in treaties concluded in 2017 between the United States and Cuba and between the United States and Mexico, discussed below. These continental shelf boundaries are located within (i.e., landward of) the outer edge of the continental margin delineated using the sediment thickness formula in paragraph 4 of Article 76. The boundaries also lie within the 350 nautical mile distance constraint constructed in accordance with paragraph 5 of Article 76 (Map 8). Thus, the entirety of the area on the U.S. side of these boundaries constitutes continental shelf under Article 76.





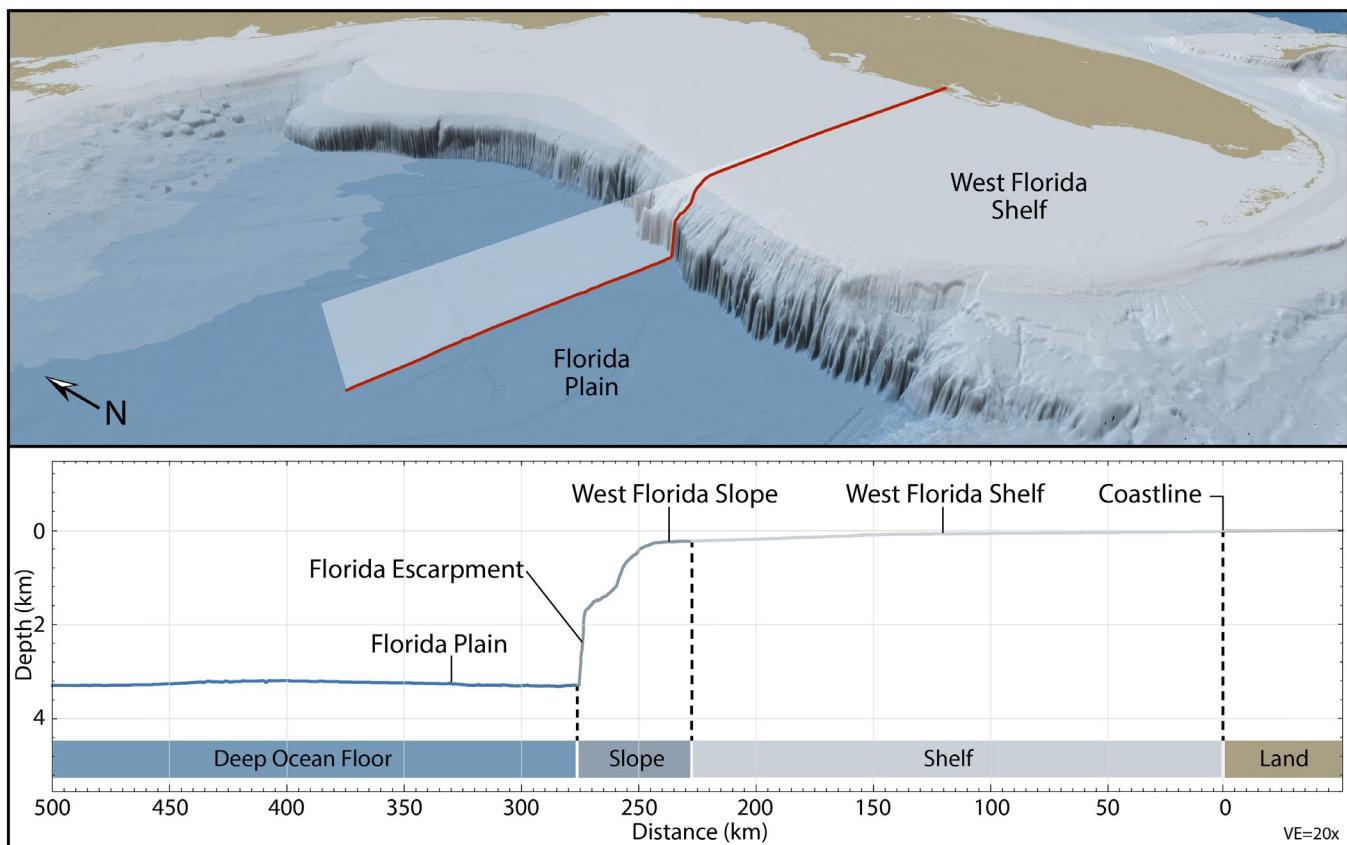
- | | |
|---|---------------------------------------|
| ✖ Point on the territorial sea baseline | — U.S. 200 nautical mile limit |
| ○ Sediment thickness formula point | — U.S.-Mexico maritime boundary, 1978 |
| — Outer edge of the continental margin | — U.S.-Mexico maritime boundary, 2017 |
| — Distance constraint (350 M) | — U.S.-Cuba maritime boundary, 1977 |
| | — U.S.-Cuba maritime boundary, 2017 |

Map 8: Eastern Gulf of Mexico Region. The map depicts the outer edge of the continental margin (white line with purple edges connecting sediment thickness formula points), the U.S.-Mexico and U.S.-Cuba maritime boundaries, and key geographic features of the region.

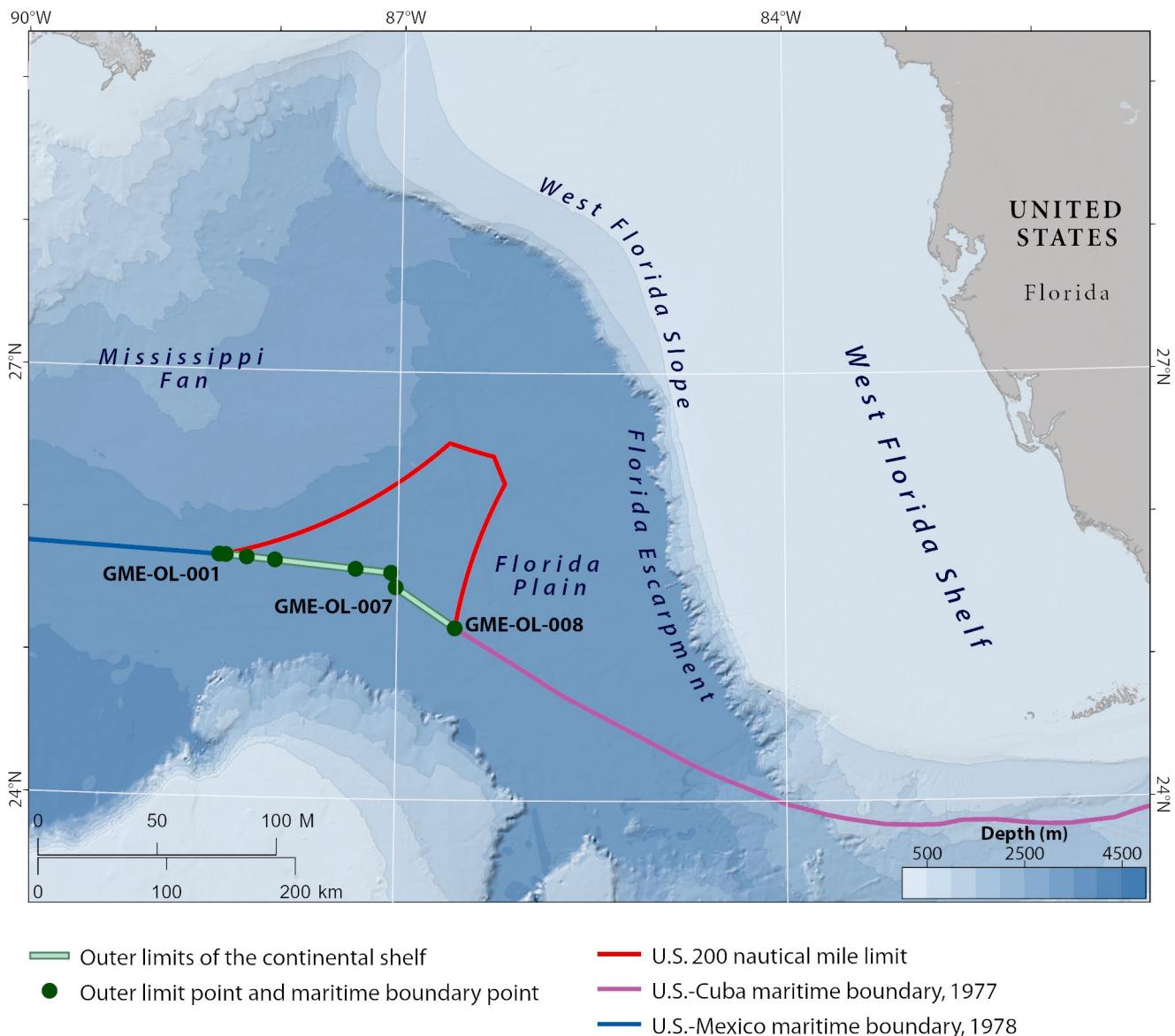
The outer limits are formed by eight fixed points connected by straight lines as described in the U.S.-Mexico and U.S.-Cuba boundary treaties of 2017.

- Outer limit point GME-OL-001 (farthest west) is boundary point 1 in the U.S.-Mexico Treaty of 2017. This point is also identical to the final (easternmost) boundary point in the U.S.-Mexico Treaty of 1978.
- Outer limit points GME-OL-002 to GME-OL-006 are boundary points 2 to 6 in the U.S.-Mexico Treaty of 2017.
- Outer limit point GME-OL-007 is boundary point 7 in the U.S.-Mexico Treaty of 2017 and also boundary point 2 in the U.S.-Cuba Treaty of 2017.
- Outer limit point GME-OL-008 (farthest east) is boundary point 1 in the U.S.-Cuba Treaty of 2017. This point is also identical to the final (westernmost) boundary point in the U.S.-Cuba Treaty of 1977.

[Table 4](#) in the Appendix contains the coordinates of latitude and longitude for the outer limit points in the Eastern Gulf of Mexico Region.



Bathymetric profiles across the continental margin are an important tool for analyzing and determining the U.S. extended continental shelf limits. This image is an example of a profile extending seaward from the west coast of Florida that diagrams the land, shelf, slope, and deep ocean floor in the Eastern Gulf of Mexico Region.



Neighboring Countries and Maritime Delimitation

Maritime delimitation with Cuba and Mexico is relevant to the Eastern Gulf of Mexico Region of the U.S. continental shelf.

Maritime boundary treaties concluded by the United States and Mexico and by the United States and Cuba delimit the entire continental shelf in the Gulf of Mexico. With respect to continental shelf beyond 200 nautical miles in the eastern Gulf of Mexico, these treaties include the following:

1. *Treaty between the Government of the United States of America and the Government of the United Mexican States on the Delimitation of the Maritime Boundary in the Eastern Gulf of Mexico*, signed January 18, 2017.
2. *Treaty between the United States of America and the Republic of Cuba on the Delimitation of the Continental Shelf in the Eastern Gulf of Mexico beyond 200 Nautical Miles*, signed January 18, 2017.

As described above, the outer limits of the continental shelf of the United States in the Eastern Gulf of Mexico Region correspond with the continental shelf boundaries set forth in those treaties.

Western Gulf of Mexico Region



7.5 Western Gulf of Mexico Region

The Western Gulf of Mexico Region of the U.S. continental shelf is located off the coast of the U.S. states of Texas and Louisiana in the western part of the Gulf of Mexico, a small ocean basin surrounded by the United States, Mexico, and Cuba.

The extended continental shelf of the United States in this region is bounded by the 200 nautical mile limit of the United States and by the U.S.-Mexico maritime boundary.



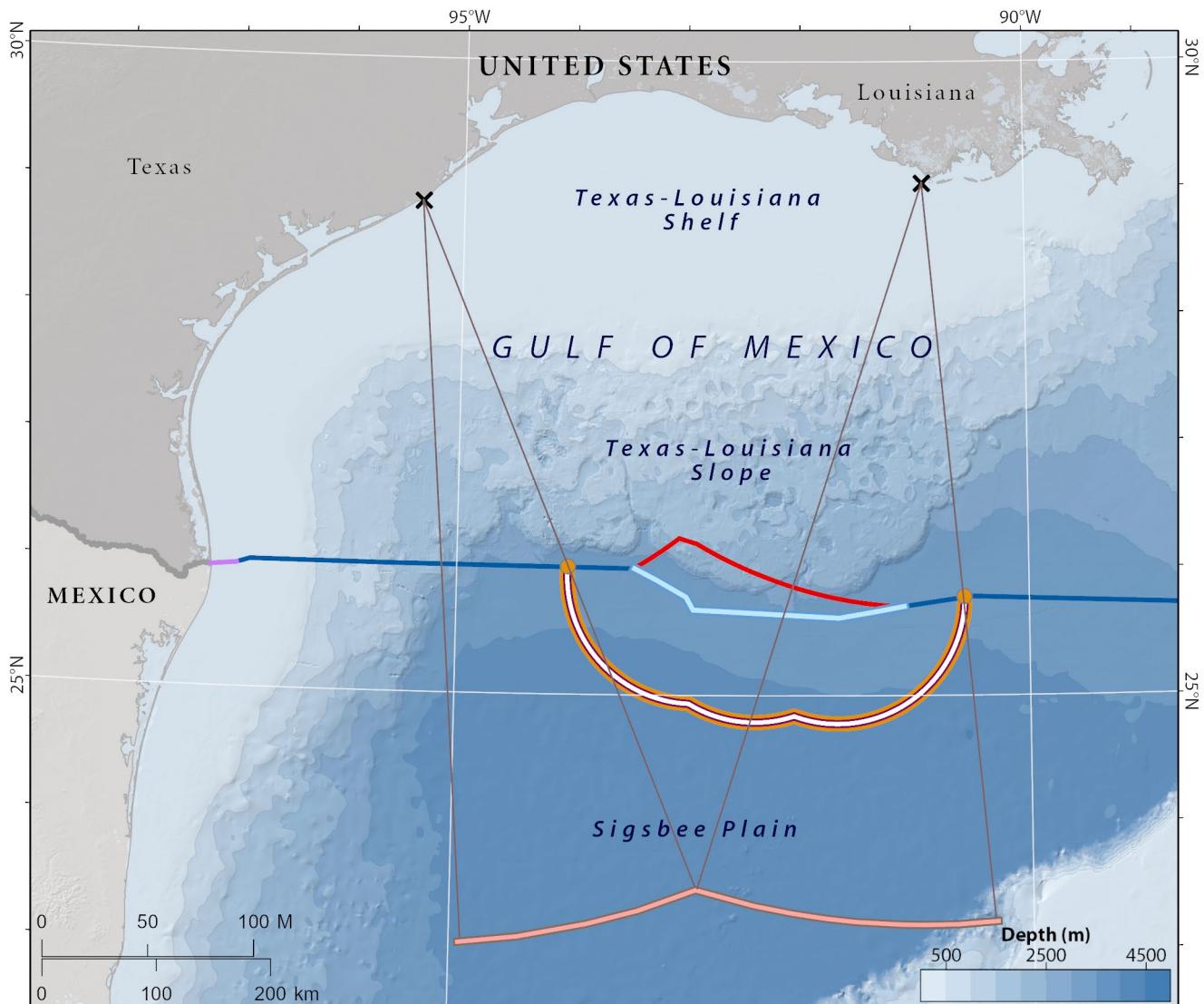
Continental Margin Overview

The continental margin of the United States in the Western Gulf of Mexico Region includes the broad, flat Texas-Louisiana Shelf, the Texas-Louisiana Slope, and the steep Sigsbee Escarpment (Map 10). Seaward of the U.S. continental margin is the flat-lying Sigsbee Plain in the middle of the Gulf of Mexico basin. The U.S. continental margin in this region is the submerged prolongation of the land mass of the U.S. states of Texas and Louisiana. The land territories of Texas and Louisiana are geomorphologically continuous with the adjacent Texas-Louisiana Shelf.

Outer Limits of the Continental Shelf

Map 11 and the accompanying poster-sized map depict the outer limits of the continental shelf of the United States in the Western Gulf of Mexico Region. These outer limits are composed of 16 fixed points that correspond to the continental shelf boundary set forth in the treaty between the United States and Mexico in 2000. These fixed points are located within (i.e., landward of) the outer edge of the continental margin delineated using the 60 nautical mile formula in paragraph 4 of Article 76. All outer limits points are also located within (i.e., landward of) the 350 nautical mile distance constraint constructed in accordance with paragraph 5 of Article 76 (Map 10). Thus, the entirety of the area on the U.S. side of the boundary constitutes continental shelf under Article 76.

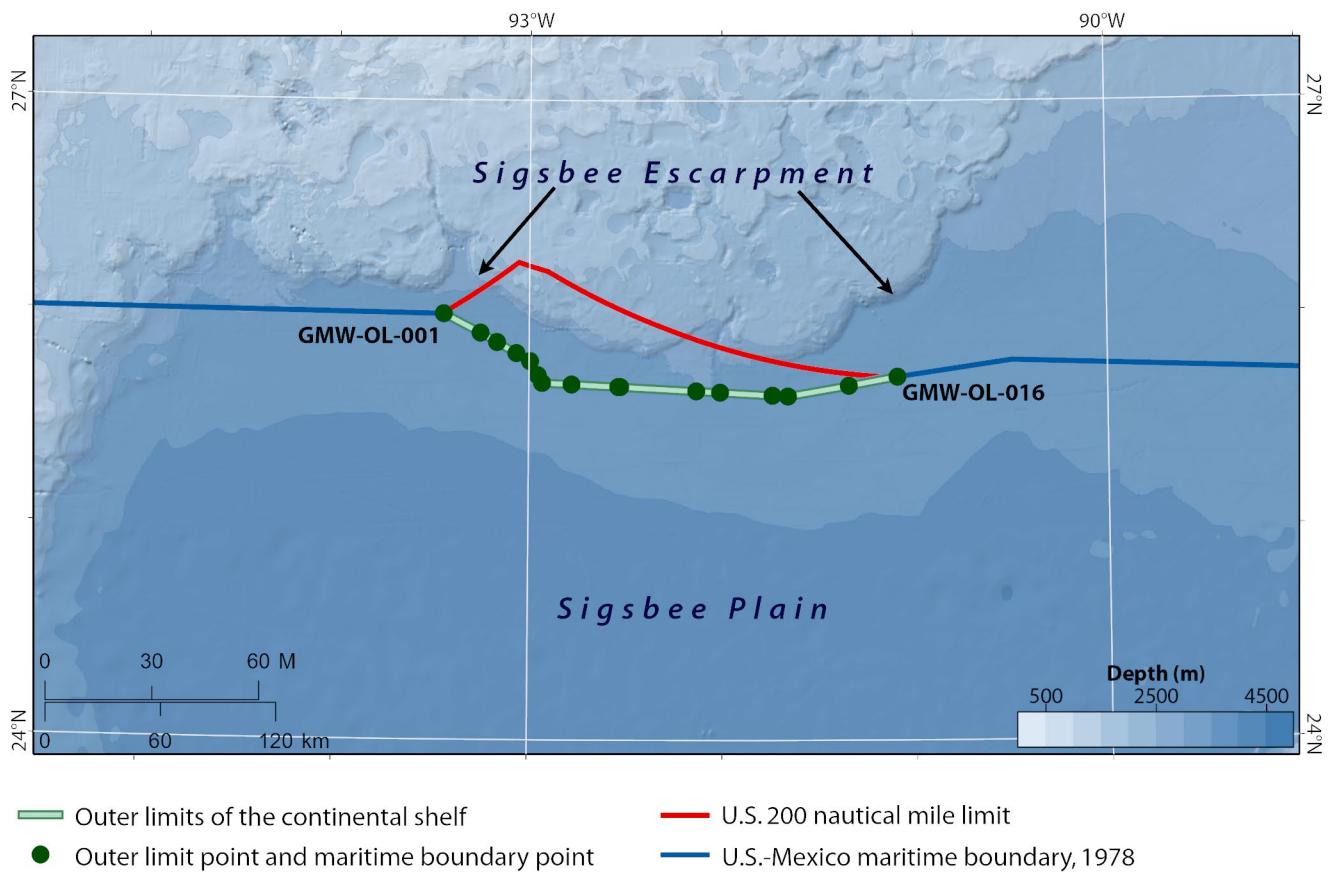
[Table 5](#) in the Appendix contains the coordinates of latitude and longitude for the outer limit points in the Western Gulf of Mexico Region.



- ✗ Point on the territorial sea baseline
- 60 M formula point
- Outer edge of the continental margin
- Distance constraint (350 M)

- U.S. 200 nautical mile limit
- U.S.-Mexico maritime boundary, 1970
- U.S.-Mexico maritime boundary, 1978
- U.S.-Mexico maritime boundary, 2000

Map 10: Western Gulf of Mexico Region. The map depicts the outer edge of the continental margin (white line with purple edges on top of orange 60 nautical mile formula points), the U.S.-Mexico maritime boundaries (blue), and key geographic features of the region.



Map 11: Outer limits of the U.S. continental shelf in the Western Gulf of Mexico Region. The outer limits (green line) are delineated by straight lines not exceeding 60 nautical miles in length connecting 16 fixed points that are identical to those that comprise the U.S.-Mexico continental shelf boundary of 2000. (Note: At this scale, not all outer limits points are visible.)

Neighboring Countries and Maritime Delimitation

Maritime delimitation with Mexico is relevant to the Western Gulf of Mexico Region of the U.S. continental shelf.

In 2000, the United States and Mexico concluded the *Treaty between the Government of the United States of America and the Government of the United Mexican States on the Delimitation of the Continental Shelf in the Western Gulf of Mexico beyond 200 Nautical Miles*. The treaty, which entered into force in 2001, delimits the extended continental shelf in the western Gulf of Mexico. As described above, the outer limits of the continental shelf of the United States in the Western Gulf of Mexico Region correspond with the continental shelf boundary established in this treaty.

Mariana Islands Region

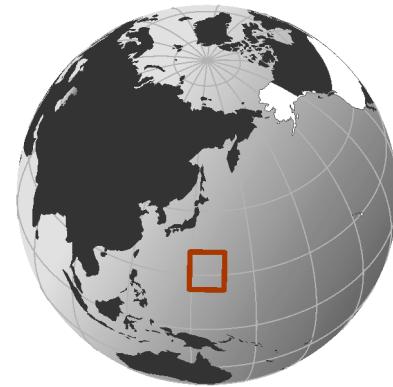




7.6 Mariana Islands Region

The Mariana Islands Region of the U.S. continental shelf is located in the western Pacific Ocean and includes the U.S. territories of Guam and the Commonwealth of the Northern Mariana Islands. This region is bounded Japan to the north and the Federated States of Micronesia to the south.

The extended continental shelf of the United States in this region is located northeast of the Mariana Islands and is bounded in part by the 200 nautical mile limits of the United States and Japan.

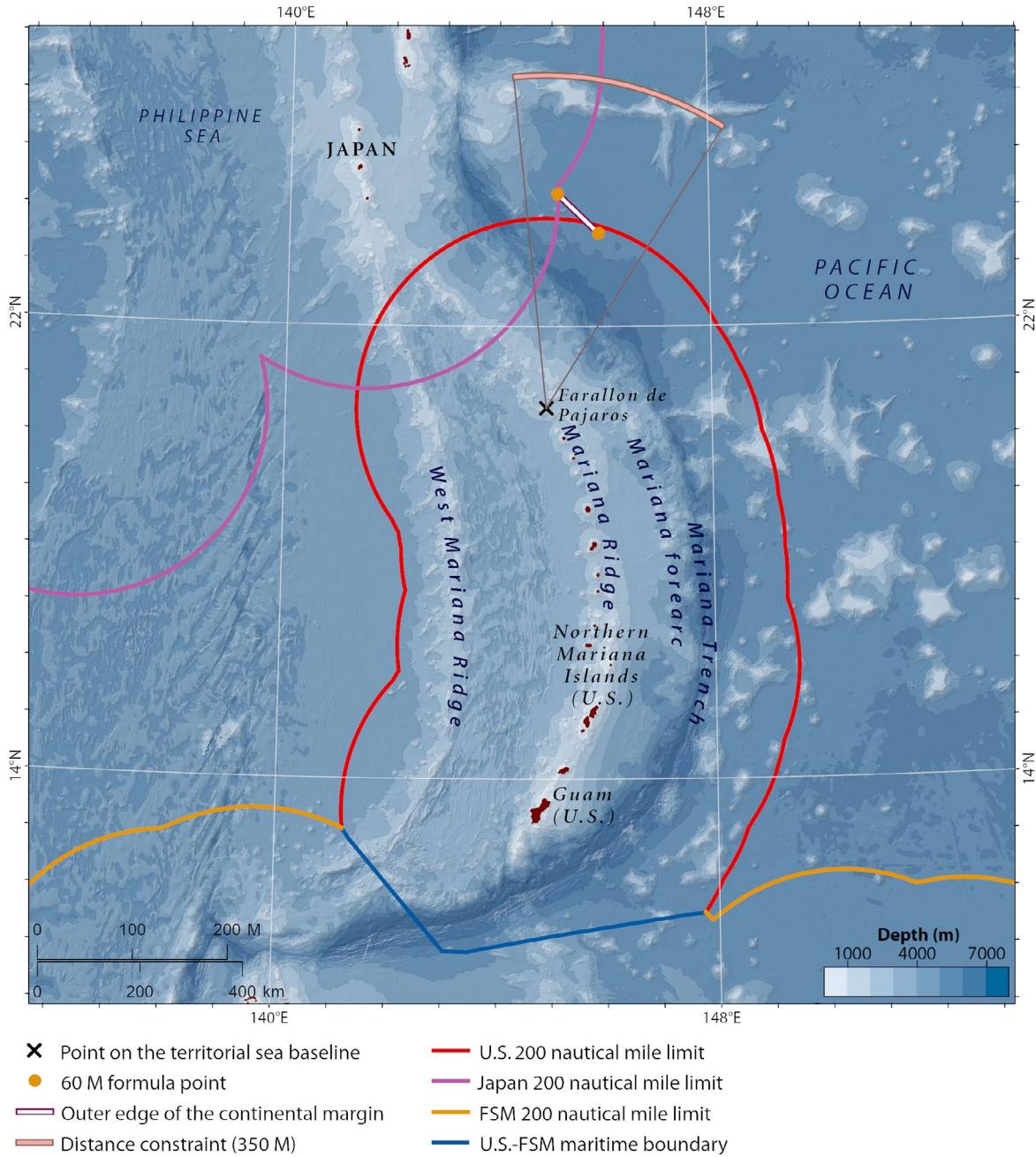


Continental Margin Overview

The continental margin of the United States in the Mariana Islands Region includes the Mariana Ridge and, to its east, the Mariana forearc (Map 12). The continental margin comprises the submerged prolongation of the U.S. land masses of the Mariana Islands. Guam and the 14 main islands of the Commonwealth of Northern Mariana Islands span a distance of approximately 850 kilometers along the Mariana Ridge. The northernmost of the Mariana Islands is Farallon de Pajaros.

The arcuate Mariana Ridge is a continuous island arc, with volcanically active islands and seamounts in the north and extinct volcanoes in the south. The islands and seamounts are connected by bathymetric saddles in water depths typically ranging from 2000 to 3000 meters, which are well above the depths of the surrounding deep ocean floor. The island edifices, seamounts, and intervening bathymetric saddles are part of a continuous margin along the Mariana Ridge.

The continental slope in this region includes the Mariana forearc, which descends steeply to the east and the northeast from the Mariana Ridge to the Mariana Trench, where the Pacific plate is subducting. Across the 200 kilometer span of the forearc, the slope is characterized by a major depth transition, with the seafloor descending from near sea-level to the 6000 to 8500 meter depths of the Mariana Trench. Subduction zone processes, including fluid expulsion, mud volcanism, and tectonic extension parallel to the Mariana Ridge, characterize the active forearc and create its complex morphology.



Map 12: Mariana Islands Region. The map depicts the outer edge of the continental margin (white line with purple edges), the 350 nautical mile distance constraint (orange line), relevant maritime limits and boundaries, and key geographic features of the region. FSM is Federated States of Micronesia.

Outer Limits of the Continental Shelf

Map 13 and the accompanying poster-sized map depict the outer limits of the continental shelf of the United States in the Mariana Islands Region delineated in accordance with Article 76 of the Convention. These outer limits are delineated by applying the 60 nautical mile formula (paragraph 4 of Article 76) from the base of the inner wall of the Mariana Trench.

The 60 nautical mile formula line forms the outer edge of the continental margin of the United States in this region. The outer edge of the continental margin is a single straight line connecting two 60 nautical mile formula points that are located inside the 200 nautical mile limits of Japan and the United States, respectively (Map 12 and Map 13, inset). The outer edge of the continental margin is also located within (i.e., landward of) the 350 nautical mile distance constraint constructed in accordance with paragraph 5 of Article 76 (Map 12). The outer limits of the continental shelf are formed by a straight line of 42.97 nautical miles in length connecting two fixed points:

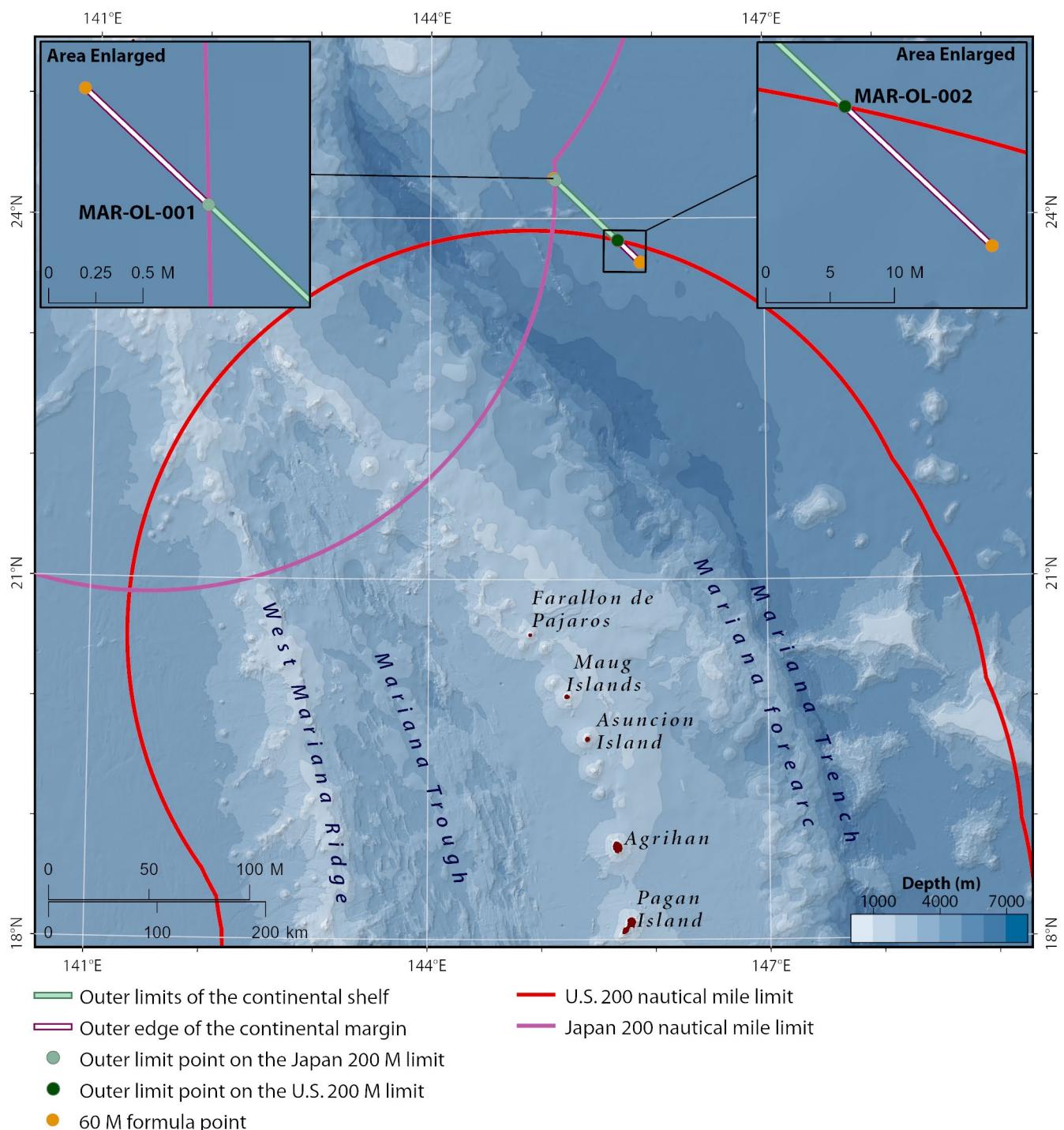
- Outer limit point MAR-OL-001 is located at the intersection of the Japan 200 nautical mile limit and the 60 nautical mile formula line described above.
- Outer limit point MAR-OL-002 is located at the intersection of the U.S. 200 nautical mile limit and the 60 nautical mile formula line described above.

[Table 6](#) in the Appendix contains the coordinates of latitude and longitude for the outer limit points in the Mariana Islands Region.

Neighboring Countries and Maritime Delimitation

Maritime delimitation with Japan is relevant to the Mariana Islands Region of the U.S. continental shelf. The United States and Japan have not concluded a boundary treaty delimiting the continental shelf in this region.

Overlapping continental shelf entitlements in the Mariana Islands Region have been the subject of consultations between the United States and Japan. The extended continental shelf of the United States in this region overlaps with the extended continental shelf of Japan in its Ogasawara Plateau Region. Accordingly, the establishment of the outer limits of the continental shelf of the United States in the Mariana Islands Region will depend on the delimitation of a maritime boundary with Japan. The outer limits of the continental shelf of the United States described above are without prejudice to the question of the delimitation of the continental shelf beyond 200 M between the United States and Japan.



Map 13: Outer limits of the U.S. continental shelf in the Mariana Islands Region. The outer limits (green line) are delineated by a straight line connecting two fixed points (light and dark green points). Insets show the construction of the outer limits, with points MAR-OL-001 and MAR-OL-002 located at the intersection of the outer edge of the continental margin (white line with purple edges) and the 200 nautical mile limits of Japan and the United States, respectively.

Pacific Region





7.7 Pacific Region

The Pacific Region of the U.S. continental shelf is located in the eastern Pacific Ocean, off the west coast of the continental United States.

The extended continental shelf of the United States in this region extends approximately 285 nautical miles from the territorial sea baselines of the United States.

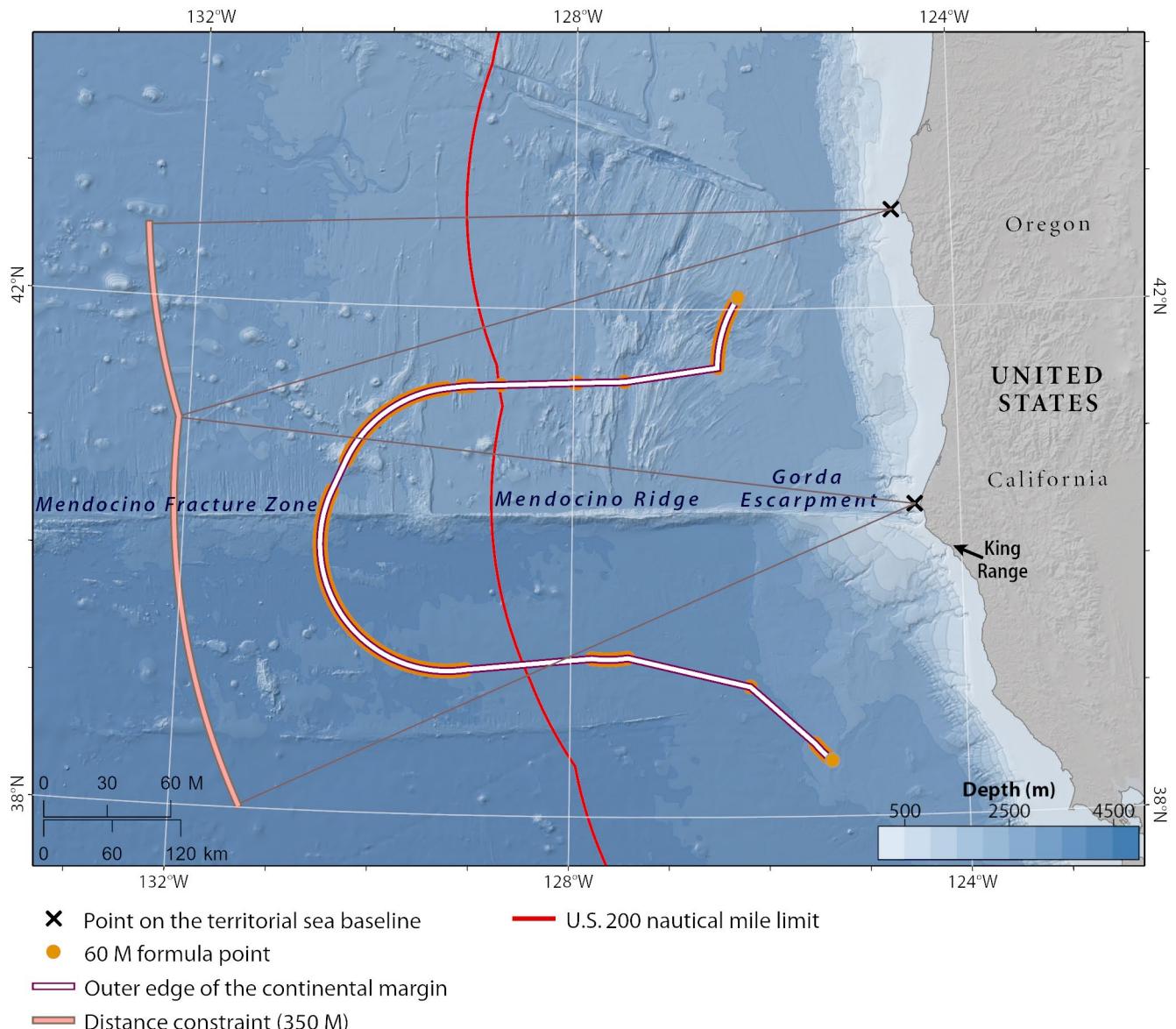


Continental Margin Overview

The continental margin of the United States in the Pacific Region includes the westward-projecting Mendocino Ridge (Map 14). It is the submerged prolongation of the land mass of the U.S. state of California. The land territory of California is geomorphologically continuous with Mendocino Ridge.

Mendocino Ridge is a 10 to 20 kilometer wide seafloor high that rises 1 to 2 kilometers above the adjacent deep ocean floor to its north and south, and extends more than 400 kilometers west from the California coast. It formed along the seismically active, transform plate boundary between the Pacific and Juan de Fuca plates—the Mendocino transform—that is uplifting and accreting material to North America.

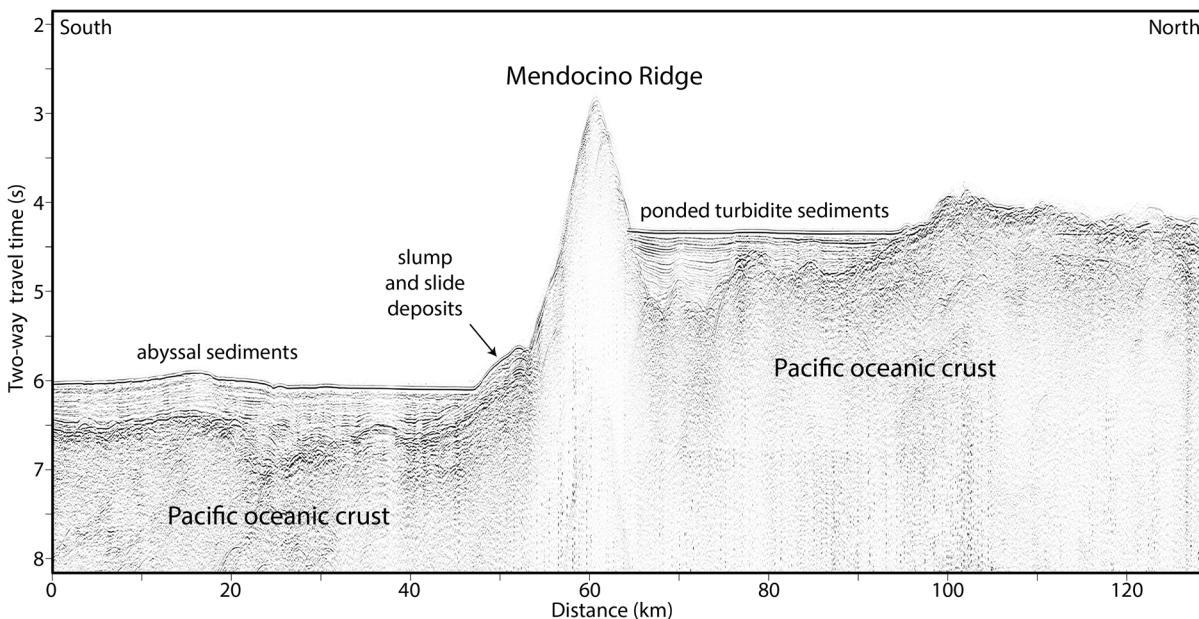
Plate boundary processes, as well as mass wasting and sedimentation, have resulted in today's complex margin morphology. Geophysical and geological data demonstrate onshore–offshore continuity between Mendocino Ridge and the adjacent U.S. land mass. The easternmost portion of this basaltic basement high is accreted onto the continent as part of the complex tectonics within the King Range of California.\



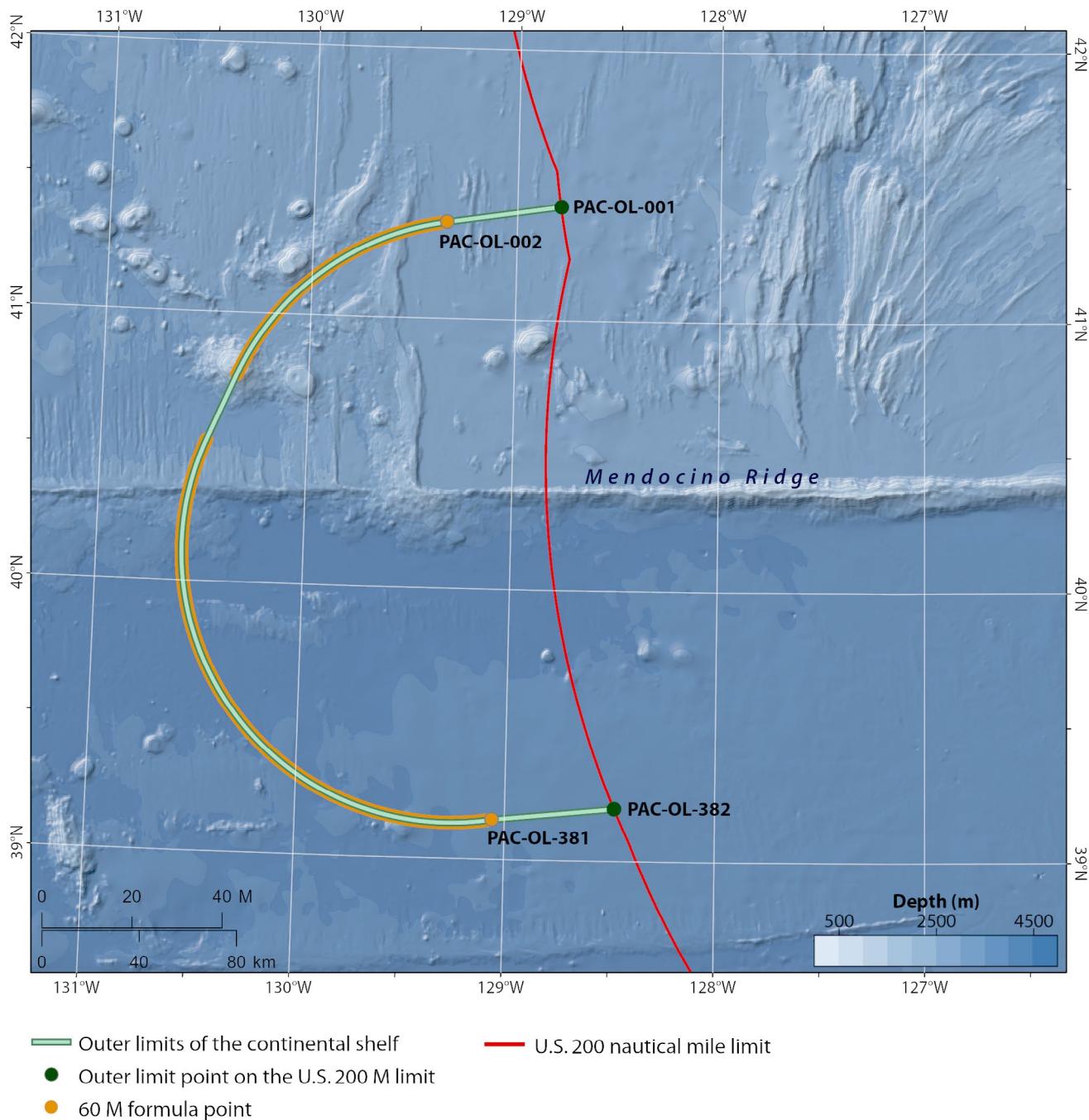
Outer Limits of the Continental Shelf

Map 15 and the accompanying poster-sized map depict the outer limits of the continental shelf of the United States in the Pacific Region delineated in accordance with Article 76 of the Convention. These outer limits are formed by the outer edge of the continental margin, which is established by applying the 60 nautical mile formula (paragraph 4 of Article 76) from foot of the continental slope points at the base of the steep northern and southern flanks of Mendocino Ridge. The outer limits are formed by straight lines not exceeding 60 nautical miles in length connecting 382 fixed points. Along arcs, outer limit points have a spacing of 0.5 nautical miles. The first (PAC-OL-001) and last (PAC-OL-382) fixed points are located on the 200 nautical mile limit of the United States. All outer limits points are located within (i.e., landward of) the 350 nautical mile distance constraint constructed in accordance with paragraph 5 of Article 76 (Map 14).

[Table 7](#) in the Appendix contains the coordinates of latitude and longitude for the outer limit points in the Pacific Region.



The U.S. ECS Project used a variety of datasets to not only determine the extended continental shelf limits but also tell the geologic history. This is an example of how multichannel seismic data were used to depict and characterize Mendocino Ridge and the areas around it. Mendocino Ridge lies off the coast of California in the U.S. Pacific Region.



Map 15: Outer limits of the U.S. continental shelf in the Pacific Region. The outer limits (green line) are delineated by straight lines not exceeding 60 nautical miles in length connecting 382 fixed points.

Neighboring Countries and Maritime Delimitation

There are no neighboring countries relevant to the delineation of the outer limits of the U.S. continental shelf in the Pacific Region.

8. Notes

The content of this Executive Summary, including all maps, figures, and tables, was prepared by or under the direction of the U.S. Government.

Depictions of the 200 nautical mile limits of other countries are for illustrative purposes only and should not be understood as indicating acceptance by the United States under international law.

Bathymetric data depicted on maps:

1. General Bathymetric Chart of the Oceans (GEBCO), gridded bathymetric dataset at 15 arc-second grid cell size (Maps 1, and 4 to 15), and
2. International Bathymetric Chart of the Arctic Ocean (IBCAO), gridded bathymetric dataset at 500-m grid cell size (Maps 2 and 3).

Although GEBCO and IBCAO are used for cartographic purposes, all Article 76 analysis and delineation is carried out using high-resolution multibeam bathymetric data, described in Section 4 of this Executive Summary.



Scientists aboard the U.S. Coast Guard Cutter Healy examine a freshly dredged rock sample from the Chukchi Borderland in the Arctic. Dredged rock samples provide direct evidence of the natural connection of the Chukchi Borderland to northern Alaska.

Appendix: Fixed Points Comprising the Outer Limits of the Continental Shelf

Arctic Region

Table 1: List of the outer limit points in the Arctic Region. M is nautical miles. Coordinates in WGS84 (decimal degrees). Values for Distance to Previous Point are rounded to the nearest one-tenth of a nautical mile.

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-001	75.648860	-136.778228	—	Art. 76(5): 350 M distance constraint; point on Canada 200 M limit
ARC-OL-002	75.649727	-136.786746	0.1	Art. 76(5): 350 M distance constraint
ARC-OL-003	75.652854	-136.817738	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-004	75.655966	-136.848638	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-005	75.659063	-136.879692	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-006	75.662145	-136.910654	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-007	75.665212	-136.941770	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-008	75.668264	-136.972792	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-009	75.671301	-137.003969	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-010	75.674323	-137.035052	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-011	75.677330	-137.066290	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-012	75.680322	-137.097433	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-013	75.683299	-137.128730	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-014	75.686261	-137.159933	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-015	75.689208	-137.191290	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-016	75.692140	-137.222552	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-017	75.695056	-137.253967	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-018	75.697958	-137.285288	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-019	75.700844	-137.316762	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-020	75.703715	-137.348140	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-021	75.706571	-137.379672	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-022	75.709412	-137.411108	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-023	75.712237	-137.442697	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-024	75.715048	-137.474189	0.5	Art. 76(5): 350 M distance constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-025	75.717842	-137.505835	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-026	75.720623	-137.537384	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-027	75.723387	-137.569086	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-028	75.726137	-137.600691	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-029	75.728870	-137.632448	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-030	75.731590	-137.664109	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-031	75.734292	-137.695921	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-032	75.736981	-137.727636	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-033	75.739653	-137.759503	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-034	75.742311	-137.791272	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-035	75.744952	-137.823192	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-036	75.747580	-137.855015	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-037	75.750190	-137.886989	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-038	75.752786	-137.918865	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-039	75.755366	-137.950892	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-040	75.757932	-137.982820	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-041	75.760480	-138.014899	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-042	75.763015	-138.046879	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-043	75.765532	-138.079009	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-044	75.768036	-138.111041	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-045	75.770522	-138.143222	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-046	75.772996	-138.175304	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-047	75.775451	-138.207536	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-048	75.777893	-138.239669	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-049	75.780317	-138.271950	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-050	75.782728	-138.304132	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-051	75.785120	-138.336463	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-052	75.787500	-138.368694	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-053	75.789862	-138.401074	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-054	75.792210	-138.433353	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-055	75.794540	-138.465781	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-056	75.796858	-138.498108	0.5	Art. 76(5): 350 M distance constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-057	75.799157	-138.530584	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-058	75.801443	-138.562958	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-059	75.803710	-138.595480	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-060	76.093986	-142.486996	59.6	Art. 76(5): 350 M distance constraint
ARC-OL-061	76.096584	-142.519768	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-062	76.099168	-142.552439	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-063	76.101734	-142.585264	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-064	76.104287	-142.617989	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-065	76.106822	-142.650869	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-066	76.109343	-142.683648	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-067	76.111791	-142.715763	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-068	76.114285	-142.748714	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-069	76.114427	-142.750588	<0.1	Art. 76(5): 350 M distance constraint
ARC-OL-070	76.116899	-142.783574	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-071	76.119359	-142.816458	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-072	76.121800	-142.849495	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-073	76.124228	-142.882431	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-074	76.126639	-142.915518	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-075	76.128423	-142.940046	0.4	Art. 76(5): 350 M distance constraint
ARC-OL-076	76.129255	-142.951562	0.2	Art. 76(5): 350 M distance constraint
ARC-OL-077	76.131634	-142.984702	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-078	76.133999	-143.017740	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-079	76.136346	-143.050930	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-080	76.138680	-143.084017	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-081	76.140995	-143.117257	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-082	76.143297	-143.150394	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-083	76.145581	-143.183682	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-084	76.147852	-143.216868	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-085	76.150103	-143.250205	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-086	76.152343	-143.283438	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-087	76.154563	-143.316822	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-088	76.156771	-143.350103	0.5	Art. 76(5): 350 M distance constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-089	76.158959	-143.383535	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-090	76.161135	-143.416862	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-091	76.163291	-143.450340	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-092	76.165436	-143.483714	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-093	76.167560	-143.517237	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-094	76.169673	-143.550656	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-095	76.171765	-143.584225	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-096	76.173846	-143.617689	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-097	76.175907	-143.651302	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-098	76.177956	-143.684810	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-099	76.179985	-143.718467	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-100	76.182002	-143.752018	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-101	76.183998	-143.785719	0.5	Art. 76(5): 350 M distance constraint
ARC-OL-102	77.081172	-145.626830	59.9	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-103	77.088872	-145.613031	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-104	77.096586	-145.599388	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-105	77.104314	-145.585902	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-106	77.112057	-145.572574	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-107	77.119814	-145.559403	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-108	77.127585	-145.546391	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-109	77.135370	-145.533538	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-110	77.143168	-145.520845	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-111	77.150980	-145.508311	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-112	77.158805	-145.495939	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-113	77.166643	-145.483728	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-114	77.174494	-145.471679	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-115	77.182358	-145.459792	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-116	77.190234	-145.448069	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-117	77.197518	-145.437389	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-118	77.203850	-145.428219	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-119	77.211759	-145.416930	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-120	77.219679	-145.405807	0.5	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-121	77.227612	-145.394848	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-122	77.235556	-145.384056	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-123	77.243511	-145.373431	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-124	77.251478	-145.362973	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-125	77.259456	-145.352682	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-126	77.267444	-145.342560	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-127	77.275444	-145.332607	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-128	77.283453	-145.322823	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-129	77.291473	-145.313210	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-130	77.299503	-145.303766	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-131	77.307544	-145.294494	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-132	77.315593	-145.285393	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-133	77.627479	-144.928204	19.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-134	77.635532	-144.918930	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-135	77.641988	-144.911629	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-136	77.648285	-144.904572	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-137	77.656359	-144.895690	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-138	77.664442	-144.886987	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-139	77.672534	-144.878461	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-140	77.680635	-144.870114	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-141	77.688744	-144.861946	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-142	77.696861	-144.853957	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-143	77.704987	-144.846149	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-144	77.713121	-144.838522	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-145	77.721262	-144.831076	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-146	77.727624	-144.825389	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-147	77.729863	-144.823410	0.1	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-148	77.732101	-144.821444	0.1	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-149	77.736368	-144.817682	0.3	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-150	77.744526	-144.810632	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-151	77.752691	-144.803766	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-152	77.760864	-144.797083	0.5	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-153	77.769043	-144.790584	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-154	77.777228	-144.784269	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-155	77.785421	-144.778140	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-156	77.793619	-144.772196	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-157	77.801823	-144.766438	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-158	77.810034	-144.760867	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-159	77.818250	-144.755483	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-160	77.826471	-144.750287	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-161	77.834698	-144.745279	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-162	77.842930	-144.740459	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-163	77.851166	-144.735828	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-164	77.859408	-144.731387	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-165	77.867654	-144.727136	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-166	77.875904	-144.723076	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-167	77.884158	-144.719207	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-168	77.892416	-144.715529	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-169	77.900678	-144.712043	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-170	77.908944	-144.708749	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-171	77.917212	-144.705649	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-172	77.925484	-144.702742	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-173	77.933759	-144.700029	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-174	77.942036	-144.697510	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-175	77.950316	-144.695185	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-176	77.958598	-144.693056	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-177	77.966883	-144.691123	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-178	77.975169	-144.689386	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-179	77.983457	-144.687845	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-180	77.991746	-144.686501	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-181	78.000037	-144.685355	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-182	78.008329	-144.684406	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-183	78.016622	-144.683656	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-184	78.024915	-144.683105	0.5	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-185	78.033209	-144.682753	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-186	78.041503	-144.682600	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-187	78.049797	-144.682647	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-188	78.058091	-144.682895	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-189	78.214671	-144.687776	9.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-190	78.222965	-144.688114	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-191	78.565309	-144.706873	20.6	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-192	78.573602	-144.707487	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-193	78.581894	-144.708312	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-194	78.590186	-144.709347	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-195	78.598476	-144.710593	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-196	78.604872	-144.711699	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-197	78.612234	-144.713127	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-198	78.620520	-144.714935	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-199	78.628805	-144.716956	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-200	78.637087	-144.719189	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-201	78.645366	-144.721636	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-202	78.653644	-144.724297	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-203	78.661918	-144.727171	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-204	78.670190	-144.730261	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-205	78.678458	-144.733565	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-206	78.686723	-144.737085	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-207	78.694984	-144.740820	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-208	78.703242	-144.744772	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-209	78.710574	-144.748464	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-210	78.716839	-144.751738	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-211	78.725086	-144.756241	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-212	78.733328	-144.760961	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-213	78.741565	-144.765899	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-214	78.749798	-144.771055	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-215	78.758025	-144.776429	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-216	78.766247	-144.782023	0.5	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-217	78.774463	-144.787835	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-218	78.780698	-144.792395	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-219	78.788153	-144.798008	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-220	78.796353	-144.804396	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-221	78.804547	-144.811005	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-222	78.812734	-144.817834	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-223	78.820914	-144.824883	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-224	78.829087	-144.832154	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-225	78.837253	-144.839646	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-226	78.845411	-144.847360	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-227	79.591391	-145.604936	45.8	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-228	79.599527	-145.613824	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-229	79.607655	-145.622950	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-230	79.615774	-145.632316	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-231	79.623885	-145.641922	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-232	79.637744	-145.658571	0.9	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-233	79.645847	-145.668403	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-234	79.652143	-145.676217	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-235	79.659768	-145.685816	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-236	79.667848	-145.696233	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-237	79.675918	-145.706892	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-238	79.683515	-145.717160	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-239	79.690498	-145.726786	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-240	79.698540	-145.738111	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-241	79.706571	-145.749678	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-242	79.714591	-145.761488	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-243	79.722600	-145.773541	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-244	79.730598	-145.785836	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-245	79.738585	-145.798374	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-246	79.746559	-145.811156	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-247	79.754522	-145.824182	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-248	79.762472	-145.837451	0.5	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-249	79.770410	-145.850964	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-250	79.778335	-145.864721	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-251	79.786248	-145.878723	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-252	79.794147	-145.892969	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-253	79.802033	-145.907459	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-254	79.809905	-145.922194	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-255	79.817763	-145.937174	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-256	79.825608	-145.952400	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-257	79.833438	-145.967870	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-258	79.841253	-145.983585	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-259	79.849054	-145.999546	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-260	79.856840	-146.015752	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-261	79.864611	-146.032204	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-262	79.872366	-146.048901	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-263	79.880106	-146.065844	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-264	79.887830	-146.083033	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-265	79.895537	-146.100468	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-266	79.903229	-146.118148	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-267	79.910904	-146.136074	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-268	79.918562	-146.154246	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-269	79.926203	-146.172664	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-270	79.933826	-146.191327	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-271	79.941433	-146.210237	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-272	79.949021	-146.229392	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-273	79.956592	-146.248793	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-274	79.964144	-146.268440	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-275	79.970680	-146.285680	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-276	79.976923	-146.302352	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-277	79.984426	-146.322657	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-278	79.991909	-146.343208	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-279	79.999374	-146.364004	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-280	80.006819	-146.385046	0.5	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-281	80.014244	-146.406333	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-282	80.020394	-146.424194	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-283	80.027257	-146.444343	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-284	80.034629	-146.466280	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-285	80.041980	-146.488463	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-286	80.049311	-146.510889	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-287	80.056621	-146.533561	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-288	80.063909	-146.556476	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-289	80.071176	-146.579636	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-290	80.078421	-146.603040	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-291	80.085645	-146.626688	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-292	80.092846	-146.650579	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-293	80.100025	-146.674714	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-294	80.107181	-146.699091	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-295	80.114315	-146.723712	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-296	80.121425	-146.748575	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-297	80.128512	-146.773681	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-298	80.135576	-146.799028	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-299	80.142616	-146.824617	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-300	80.149632	-146.850448	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-301	80.156624	-146.876520	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-302	80.163591	-146.902833	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-303	80.189175	-147.000611	1.8	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-304	80.196104	-147.027360	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-305	80.203008	-147.054349	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-306	80.209886	-147.081579	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-307	80.216739	-147.109049	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-308	80.223566	-147.136758	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-309	80.230367	-147.164705	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-310	80.237142	-147.192892	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-311	80.243891	-147.221316	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-312	80.250614	-147.249979	0.5	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-313	80.257309	-147.278878	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-314	80.263978	-147.308014	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-315	80.270619	-147.337387	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-316	80.277233	-147.366995	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-317	80.283819	-147.396839	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-318	80.290377	-147.426917	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-319	80.296908	-147.457229	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-320	80.303409	-147.487775	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-321	80.309883	-147.518555	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-322	80.316327	-147.549567	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-323	80.322743	-147.580811	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-324	80.329129	-147.612286	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-325	80.335486	-147.643992	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-326	80.341813	-147.675928	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-327	80.348111	-147.708094	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-328	80.354378	-147.740488	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-329	80.360615	-147.773111	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-330	80.366822	-147.805961	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-331	80.372998	-147.839039	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-332	80.379143	-147.872342	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-333	80.385257	-147.905871	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-334	80.391339	-147.939625	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-335	80.397390	-147.973602	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-336	80.403409	-148.007803	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-337	80.409396	-148.042226	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-338	80.415351	-148.076871	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-339	80.421274	-148.111737	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-340	80.427164	-148.146823	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-341	80.433021	-148.182129	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-342	80.438845	-148.217653	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-343	80.444636	-148.253394	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-344	80.450394	-148.289352	0.5	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-345	80.456118	-148.325526	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-346	80.461808	-148.361915	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-347	80.467464	-148.398519	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-348	80.473085	-148.435335	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-349	80.478673	-148.472364	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-350	80.484225	-148.509603	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-351	80.489743	-148.547054	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-352	80.495226	-148.584714	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-353	80.500674	-148.622582	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-354	80.506086	-148.660657	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-355	80.511462	-148.698939	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-356	80.516803	-148.737427	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-357	80.522108	-148.776119	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-358	80.527376	-148.815014	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-359	80.532608	-148.854111	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-360	80.537804	-148.893410	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-361	80.542963	-148.932908	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-362	80.548084	-148.972606	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-363	80.553169	-149.012502	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-364	80.558216	-149.052594	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-365	80.563226	-149.092882	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-366	80.568198	-149.133364	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-367	80.573132	-149.174040	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-368	80.578028	-149.214908	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-369	80.582886	-149.255966	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-370	80.587706	-149.297215	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-371	80.592486	-149.338651	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-372	80.597228	-149.380276	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-373	80.601931	-149.422086	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-374	80.606595	-149.464080	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-375	80.611220	-149.506259	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-376	80.615805	-149.548619	0.5	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-377	80.619239	-149.580709	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-378	80.622709	-149.613419	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-379	80.627198	-149.656216	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-380	80.631647	-149.699192	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-381	80.636055	-149.742343	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-382	80.640423	-149.785670	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-383	80.644751	-149.829170	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-384	80.649037	-149.872842	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-385	80.653283	-149.916685	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-386	80.657488	-149.960698	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-387	80.661652	-150.004878	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-388	80.665774	-150.049225	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-389	80.669854	-150.093737	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-390	80.673893	-150.138413	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-391	80.677890	-150.183251	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-392	80.681845	-150.228249	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-393	80.685758	-150.273407	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-394	80.689629	-150.318722	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-395	80.693457	-150.364193	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-396	80.697242	-150.409819	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-397	80.700985	-150.455598	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-398	80.704685	-150.501529	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-399	80.708342	-150.547609	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-400	80.711955	-150.593837	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-401	80.715526	-150.640213	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-402	80.719052	-150.686733	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-403	80.722536	-150.733397	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-404	80.725975	-150.780203	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-405	80.729371	-150.827149	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-406	80.732722	-150.874233	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-407	80.736030	-150.921455	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-408	80.739293	-150.968812	0.5	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-409	80.742512	-151.016302	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-410	80.745686	-151.063924	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-411	80.748816	-151.111676	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-412	80.751901	-151.159557	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-413	80.754941	-151.207565	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-414	80.757936	-151.255697	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-415	80.760886	-151.303953	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-416	80.763791	-151.352330	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-417	80.766650	-151.400826	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-418	80.769464	-151.449441	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-419	80.772232	-151.498172	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-420	80.774954	-151.547017	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-421	80.777631	-151.595975	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-422	80.780262	-151.645043	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-423	80.782847	-151.694221	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-424	80.785386	-151.743505	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-425	80.787878	-151.792895	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-426	80.790324	-151.842388	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-427	80.792724	-151.891982	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-428	80.795077	-151.941676	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-429	80.797384	-151.991468	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-430	80.799644	-152.041356	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-431	80.801857	-152.091337	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-432	80.804024	-152.141411	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-433	80.806143	-152.191575	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-434	80.808215	-152.241827	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-435	80.810240	-152.292166	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-436	80.812218	-152.342589	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-437	80.814149	-152.393094	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-438	80.816032	-152.443680	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-439	80.817868	-152.494344	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-440	80.819657	-152.545085	0.5	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-441	80.821397	-152.595901	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-442	80.823090	-152.646789	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-443	80.824736	-152.697748	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-444	80.826333	-152.748776	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-445	80.827883	-152.799870	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-446	80.829385	-152.851029	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-447	80.830839	-152.902251	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-448	80.832244	-152.953533	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-449	80.833602	-153.004874	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-450	80.834912	-153.056272	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-451	80.836173	-153.107724	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-452	80.837386	-153.159229	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-453	80.838551	-153.210785	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-454	80.839667	-153.262389	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-455	80.840735	-153.314039	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-456	80.841754	-153.365734	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-457	80.842725	-153.417472	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-458	80.843648	-153.469249	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-459	80.844522	-153.521065	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-460	80.845347	-153.572918	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-461	80.846124	-153.624804	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-462	80.846852	-153.676723	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-463	80.847531	-153.728671	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-464	80.848162	-153.780648	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-465	80.848744	-153.832650	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-466	80.849277	-153.884676	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-467	80.849761	-153.936724	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-468	80.850196	-153.988791	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-469	80.850583	-154.040876	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-470	80.850921	-154.092977	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-471	80.851210	-154.145091	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-472	80.851450	-154.197216	0.5	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-473	80.851641	-154.249351	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-474	80.851783	-154.301492	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-475	80.851877	-154.353639	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-476	80.851921	-154.405788	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-477	80.851917	-154.457939	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-478	80.851863	-154.510088	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-479	80.851761	-154.562234	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-480	80.851610	-154.614374	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-481	80.851410	-154.666507	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-482	80.851161	-154.718630	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-483	80.850863	-154.770742	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-484	80.850517	-154.822840	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-485	80.850121	-154.874922	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-486	80.849677	-154.926986	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-487	80.849184	-154.979030	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-488	80.848642	-155.031052	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-489	80.848051	-155.083050	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-490	80.847412	-155.135021	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-491	80.846723	-155.186965	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-492	80.845987	-155.238877	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-493	80.845201	-155.290758	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-494	80.844367	-155.342604	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-495	80.843484	-155.394413	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-496	80.842553	-155.446183	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-497	80.841573	-155.497913	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-498	80.840545	-155.549600	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-499	81.380045	-160.923666	59.7	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-500	81.387954	-160.940313	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-501	81.395849	-160.957254	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-502	81.403730	-160.974489	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-503	81.411598	-160.992020	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-504	81.419452	-161.009846	0.5	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-505	81.427291	-161.027967	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-506	81.435116	-161.046384	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-507	81.442927	-161.065097	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-508	81.450722	-161.084106	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-509	81.458502	-161.103411	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-510	81.466267	-161.123013	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-511	81.474016	-161.142913	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-512	81.481749	-161.163109	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-513	81.489467	-161.183602	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-514	81.497167	-161.204393	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-515	81.504851	-161.225482	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-516	81.512519	-161.246868	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-517	81.520169	-161.268553	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-518	81.527802	-161.290535	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-519	81.535417	-161.312815	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-520	81.543015	-161.335394	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-521	81.550594	-161.358271	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-522	81.558156	-161.381447	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-523	81.565699	-161.404921	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-524	81.573223	-161.428694	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-525	81.580728	-161.452765	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-526	81.588214	-161.477135	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-527	81.595680	-161.501804	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-528	81.603127	-161.526772	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-529	81.610553	-161.552038	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-530	81.617960	-161.577602	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-531	81.625346	-161.603466	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-532	81.632712	-161.629628	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-533	81.640057	-161.656088	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-534	81.647380	-161.682847	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-535	81.654682	-161.709905	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-536	81.661963	-161.737261	0.5	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-537	81.669222	-161.764914	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-538	81.676458	-161.792866	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-539	81.683673	-161.821116	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-540	81.690865	-161.849664	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-541	81.698034	-161.878509	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-542	81.705180	-161.907651	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-543	81.712302	-161.937091	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-544	81.719402	-161.966828	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-545	81.726477	-161.996861	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-546	81.733529	-162.027191	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-547	81.740556	-162.057817	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-548	81.747559	-162.088739	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-549	81.754537	-162.119957	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-550	81.761490	-162.151470	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-551	81.768418	-162.183278	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-552	81.775321	-162.215381	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-553	81.782198	-162.247778	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-554	81.789049	-162.280470	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-555	81.795874	-162.313455	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-556	81.846851	-162.563618	3.7	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-557	81.853632	-162.597286	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-558	81.860386	-162.631249	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-559	81.867112	-162.665506	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-560	81.873812	-162.700056	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-561	81.880484	-162.734900	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-562	81.887128	-162.770036	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-563	81.893744	-162.805464	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-564	81.897623	-162.826441	0.3	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-565	81.903539	-162.858724	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-566	81.910086	-162.894871	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-567	81.916604	-162.931308	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-568	81.928118	-162.995926	0.9	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-569	81.934624	-163.032555	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-570	81.941100	-163.069474	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-571	81.947547	-163.106682	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-572	81.953965	-163.144179	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-573	81.960352	-163.181965	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-574	81.966710	-163.220038	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-575	81.973038	-163.258397	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-576	81.979335	-163.297043	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-577	81.985601	-163.335974	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-578	81.991837	-163.375189	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-579	81.998041	-163.414689	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-580	82.004214	-163.454472	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-581	82.010355	-163.494536	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-582	82.015663	-163.529562	0.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-583	82.021157	-163.566201	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-584	82.027210	-163.607042	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-585	82.033230	-163.648161	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-586	82.039218	-163.689559	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-587	82.045173	-163.731234	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-588	82.051095	-163.773186	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-589	82.056983	-163.815413	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-590	82.062838	-163.857915	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-591	82.068660	-163.900691	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-592	82.074447	-163.943739	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-593	82.080200	-163.987059	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-594	82.085918	-164.030649	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-595	82.091052	-164.070243	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-596	82.096573	-164.113284	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-597	82.102193	-164.157634	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-598	82.107778	-164.202251	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-599	82.113328	-164.247133	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-600	82.118841	-164.292279	0.5	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-601	82.124319	-164.337689	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-602	82.129761	-164.383360	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-603	82.135166	-164.429292	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-604	82.140535	-164.475483	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-605	82.145867	-164.521933	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-606	82.151162	-164.568639	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-607	82.156420	-164.615602	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-608	82.161641	-164.662818	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-609	82.166824	-164.710288	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-610	82.171969	-164.758010	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-611	82.177077	-164.805981	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-612	82.182146	-164.854202	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-613	82.187177	-164.902671	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-614	82.192169	-164.951385	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-615	82.197123	-165.000345	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-616	82.202037	-165.049548	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-617	82.225057	-165.281850	2.4	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-618	82.229906	-165.331576	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-619	82.234717	-165.381543	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-620	82.239487	-165.431749	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-621	82.244218	-165.482191	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-622	82.248909	-165.532869	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-623	82.253559	-165.583781	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-624	82.258169	-165.634925	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-625	82.262738	-165.686300	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-626	82.267267	-165.737904	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-627	82.271754	-165.789736	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-628	82.276200	-165.841793	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-629	82.280605	-165.894074	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-630	82.284968	-165.946577	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-631	82.338352	-166.600594	6.2	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-632	82.342592	-166.654048	0.5	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-633	82.346791	-166.707719	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-634	82.350947	-166.761605	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-635	82.355060	-166.815704	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-636	82.357659	-166.850288	0.3	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-637	82.361563	-166.902798	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-638	82.365568	-166.957432	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-639	82.369529	-167.012272	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-640	82.373447	-167.067317	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-641	82.377321	-167.122564	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-642	82.381152	-167.178013	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-643	82.384938	-167.233660	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-644	82.388681	-167.289504	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-645	82.392379	-167.345543	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-646	82.395905	-167.399788	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-647	82.397903	-167.430800	0.3	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-648	82.401499	-167.487285	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-649	82.405051	-167.543958	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-650	82.408557	-167.600817	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-651	82.412019	-167.657859	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-652	82.415435	-167.715083	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-653	82.418806	-167.772487	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-654	82.422131	-167.830068	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-655	82.425411	-167.887824	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-656	82.428645	-167.945753	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-657	82.431833	-168.003852	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-658	82.434975	-168.062120	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-659	82.438071	-168.120555	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-660	82.441121	-168.179153	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-661	82.444124	-168.237913	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-662	82.447081	-168.296833	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-663	82.449991	-168.355909	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-664	82.452854	-168.415141	0.5	Art. 76(5): 2500 meter + 100 M constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ARC-OL-665	82.455670	-168.474525	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-666	82.458440	-168.534058	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-667	82.461162	-168.593740	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-668	82.463836	-168.653567	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-669	82.466464	-168.713537	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-670	82.469044	-168.773647	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-671	82.471576	-168.833895	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-672	82.474060	-168.894280	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-673	82.476497	-168.954797	0.5	Art. 76(5): 2500 meter + 100 M constraint
ARC-OL-674	82.477370	-168.976944	0.2	Art. 76(5): 2500 meter + 100 M constraint; point on U.S.-Russia maritime boundary

Atlantic Region

Table 2: List of the outer limit points in the Atlantic Region. M is nautical miles. Coordinates in WGS84 (decimal degrees). Values for Distance to Previous Point are rounded to the nearest one-tenth of a nautical mile.

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ATL-OL-001	38.905000	-64.392292	—	Art. 76(4)(a)(i): sediment thickness formula; point located at the intersection of a straight line connecting STP-1 and STP-2 and the U.S.-Canada boundary extension beyond 200 nautical miles
ATL-OL-002	38.626417	-64.620030	19.8	Art. 76(4)(a)(i): sediment thickness formula
ATL-OL-003	38.331444	-65.557815	47.6	Art. 76(4)(a)(i): sediment thickness formula
ATL-OL-004	37.877221	-66.116298	38.0	Art. 76(4)(a)(i): sediment thickness formula
ATL-OL-005	37.260735	-66.992063	55.8	Art. 76(4)(a)(i): sediment thickness formula
ATL-OL-006	37.081071	-67.431569	23.7	Art. 76(4)(a)(i): sediment thickness formula
ATL-OL-007	37.019608	-67.621243	9.8	Art. 76(4)(a)(i): sediment thickness formula
ATL-OL-008	36.644833	-68.758685	59.2	Art. 76(4)(a)(i): sediment thickness formula
ATL-OL-009	36.181790	-69.314812	38.7	Art. 76(4)(a)(i): sediment thickness formula
ATL-OL-010	35.509520	-70.078668	54.9	Art. 76(4)(a)(i): sediment thickness formula
ATL-OL-011	34.931101	-70.828741	50.6	Art. 76(4)(a)(i): sediment thickness formula
ATL-OL-012	34.206847	-71.497220	54.6	Art. 76(4)(a)(i): sediment thickness formula
ATL-OL-013	33.385252	-72.029324	55.9	Art. 76(4)(a)(i): sediment thickness formula
ATL-OL-014	33.276756	-71.999232	6.7	Art. 76(4)(a)(i): sediment thickness formula
ATL-OL-015	32.364559	-72.413228	58.5	Art. 76(4)(a)(i): sediment thickness formula
ATL-OL-016	31.403007	-72.082675	60.0	Art. 76(4)(a)(i): sediment thickness formula
ATL-OL-017	31.196463	-71.776196	20.0	Art. 76(4)(a)(i): sediment thickness formula
ATL-OL-018	30.447158	-71.520658	46.8	Art. 76(4)(a)(i): sediment thickness formula and Art. 76(5): 350 M distance constraint; point located at the intersection of a straight line connecting STP-17 and STP-18 and the 350 M distance constraint.
ATL-OL-019	29.919863	-72.351233	53.5	Art. 76(5): 350 M distance constraint
ATL-OL-020	29.914941	-72.358940	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-021	29.910001	-72.366672	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-022	29.905097	-72.374394	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-023	29.900175	-72.382141	0.5	Art. 76(5): 350 M distance constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ATL-OL-024	29.895289	-72.389876	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-025	29.890386	-72.397638	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-026	29.885518	-72.405388	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-027	29.880633	-72.413164	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-028	29.875784	-72.420929	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-029	29.870917	-72.428719	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-030	29.866086	-72.436498	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-031	29.861238	-72.444303	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-032	29.856425	-72.452095	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-033	29.851595	-72.459915	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-034	29.846801	-72.467722	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-035	29.841990	-72.475555	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-036	29.837214	-72.483376	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-037	29.832421	-72.491224	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-038	29.827664	-72.499059	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-039	29.822889	-72.506920	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-040	29.818150	-72.514770	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-041	29.813395	-72.522645	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-042	29.808674	-72.530508	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-043	29.803937	-72.538398	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-044	29.799235	-72.546275	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-045	29.794517	-72.554178	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-046	29.789834	-72.562069	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-047	29.785134	-72.569987	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-048	29.780469	-72.577891	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-049	29.775788	-72.585822	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-050	29.771142	-72.593741	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-051	29.766479	-72.601686	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-052	29.761852	-72.609618	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-053	29.757208	-72.617576	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-054	29.752600	-72.625522	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-055	29.747975	-72.633494	0.5	Art. 76(5): 350 M distance constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ATL-OL-056	29.743385	-72.641453	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-057	29.738779	-72.649439	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-058	29.734208	-72.657411	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-059	29.729621	-72.665411	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-060	29.725069	-72.673397	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-061	29.720501	-72.681410	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-062	29.715967	-72.689409	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-063	29.711418	-72.697435	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-064	29.706903	-72.705448	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-065	29.702373	-72.713487	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-066	29.697878	-72.721513	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-067	29.693366	-72.729566	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-068	29.688890	-72.737605	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-069	29.684397	-72.745671	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-070	29.679940	-72.753723	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-071	29.675466	-72.761802	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-072	29.671027	-72.769867	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-073	29.666573	-72.777960	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-074	29.662154	-72.786038	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-075	29.657718	-72.794143	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-076	29.653318	-72.802234	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-077	29.648902	-72.810353	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-078	29.644521	-72.818456	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-079	29.640124	-72.826588	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-080	29.635762	-72.834704	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-081	29.631384	-72.842849	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-082	29.627041	-72.850978	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-083	29.622682	-72.859135	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-084	29.618359	-72.867277	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-085	29.614019	-72.875447	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-086	29.609715	-72.883602	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-087	29.605395	-72.891784	0.5	Art. 76(5): 350 M distance constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ATL-OL-088	29.601110	-72.899952	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-089	29.596809	-72.908147	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-090	29.592543	-72.916327	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-091	29.588262	-72.924534	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-092	29.584015	-72.932727	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-093	29.579753	-72.940947	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-094	29.575526	-72.949152	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-095	29.571283	-72.957384	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-096	29.567076	-72.965602	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-097	29.562852	-72.973847	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-098	29.558664	-72.982076	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-099	29.554460	-72.990333	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-100	29.550291	-72.998575	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-101	29.546107	-73.006845	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-102	29.541958	-73.015098	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-103	29.537793	-73.023380	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-104	29.533663	-73.031646	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-105	29.529518	-73.039940	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-106	29.525408	-73.048218	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-107	29.521282	-73.056524	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-108	29.517191	-73.064814	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-109	29.513085	-73.073132	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-110	29.509014	-73.081434	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-111	29.504928	-73.089764	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-112	29.500876	-73.098078	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-113	29.496810	-73.106420	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-114	29.492777	-73.114745	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-115	29.488731	-73.123099	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-116	29.484718	-73.131437	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-117	29.480691	-73.139802	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-118	29.476698	-73.148151	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-119	29.472691	-73.156529	0.5	Art. 76(5): 350 M distance constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ATL-OL-120	29.468718	-73.164889	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-121	29.464731	-73.173278	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-122	29.460777	-73.181651	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-123	29.456810	-73.190051	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-124	29.452876	-73.198435	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-125	29.448928	-73.206847	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-126	29.445015	-73.215242	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-127	29.441087	-73.223666	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-128	29.437193	-73.232072	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-129	29.433285	-73.240508	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-130	29.429411	-73.248925	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-131	29.425523	-73.257372	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-132	28.521200	-73.746301	59.9	Art. 76(5): 350 M distance constraint
ATL-OL-133	28.513049	-73.744375	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-134	28.504870	-73.742443	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-135	28.496714	-73.740545	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-136	28.488530	-73.738640	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-137	28.480369	-73.736768	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-138	28.472180	-73.734890	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-139	28.464015	-73.733045	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-140	28.455821	-73.731194	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-141	28.447651	-73.729376	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-142	28.439453	-73.727552	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-143	28.431279	-73.725760	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-144	28.423076	-73.723963	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-145	28.414896	-73.722199	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-146	28.406689	-73.720428	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-147	28.398505	-73.718691	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-148	28.390293	-73.716947	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-149	28.382105	-73.715237	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-150	28.373889	-73.713520	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-151	28.365697	-73.711836	0.5	Art. 76(5): 350 M distance constraint

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
ATL-OL-152	28.357476	-73.710147	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-153	28.349279	-73.708490	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-154	28.341054	-73.706827	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-155	28.332853	-73.705197	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-156	28.324624	-73.703561	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-157	28.316419	-73.701958	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-158	28.308186	-73.700349	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-159	28.299977	-73.698772	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-160	28.291740	-73.697191	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-161	28.283527	-73.695641	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-162	28.275285	-73.694086	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-163	28.267068	-73.692563	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-164	28.258823	-73.691036	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-165	28.250602	-73.689540	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-166	28.242353	-73.688039	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-167	28.234128	-73.686569	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-168	28.225875	-73.685095	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-169	28.217647	-73.683653	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-170	28.209390	-73.682206	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-171	28.201158	-73.680791	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-172	28.192898	-73.679370	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-173	28.184663	-73.677982	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-174	28.176399	-73.676589	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-175	28.168160	-73.675227	0.5	Art. 76(5): 350 M distance constraint
ATL-OL-176	28.160232	-73.673917	0.5	Art. 76(5): 350 M distance constraint; point on the 200 M limit of The Bahamas

Bering Sea Region

Table 3: List of the outer limit points in the Bering Sea Region. Coordinates in WGS84 (decimal degrees).

Outer Limit Point	Latitude	Longitude	Method
BER-OL-001	60.194167	-179.780278	Art. 76(10): Point 36 on U.S.-Russia boundary
BER-OL-002	59.972778	-179.681944	Art. 76(10): Point 37 on U.S.-Russia boundary
BER-OL-003	58.955000	178.566389	Art. 76(10): Point 38 on U.S.-Russia boundary
BER-OL-004	58.970556	178.251389	Art. 76(10): Point 39 on U.S.-Russia boundary
BER-OL-005	58.966111	178.243611	Art. 76(10): Point 40 on U.S.-Russia boundary
BER-OL-006	58.801667	177.970556	Art. 76(10): Point 41 on U.S.-Russia boundary
BER-OL-007	58.636667	177.698056	Art. 76(10): Point 42 on U.S.-Russia boundary
BER-OL-008	58.471111	177.426111	Art. 76(10): Point 43 on U.S.-Russia boundary
BER-OL-009	58.304722	177.155000	Art. 76(10): Point 44 on U.S.-Russia boundary
BER-OL-010	58.137500	176.884444	Art. 76(10): Point 45 on U.S.-Russia boundary
BER-OL-011	57.969722	176.614444	Art. 76(10): Point 46 on U.S.-Russia boundary
BER-OL-012	57.801111	176.345278	Art. 76(10): Point 47 on U.S.-Russia boundary
BER-OL-013	57.631667	176.076389	Art. 76(10): Point 48 on U.S.-Russia boundary
BER-OL-014	57.461667	175.808611	Art. 76(10): Point 49 on U.S.-Russia boundary
BER-OL-015	57.291111	175.541111	Art. 76(10): Point 50 on U.S.-Russia boundary
BER-OL-016	57.119722	175.274167	Art. 76(10): Point 51 on U.S.-Russia boundary
BER-OL-017	56.947500	175.008056	Art. 76(10): Point 52 on U.S.-Russia boundary
BER-OL-018	56.774722	174.742222	Art. 76(10): Point 53 on U.S.-Russia boundary
BER-OL-019	56.601111	174.477222	Art. 76(10): Point 54 on U.S.-Russia boundary
BER-OL-020	56.426944	174.212778	Art. 76(10): Point 55 on U.S.-Russia boundary
BER-OL-021	56.251944	173.948889	Art. 76(10): Point 56 on U.S.-Russia boundary

Eastern Gulf of Mexico Region

Table 4: List of the outer limit points in the Eastern Gulf of Mexico Region. Coordinates in WGS84 (decimal degrees).

Outer Limit Point	Latitude	Longitude	Method
GME-OL-001	25.699417	-88.384894	Art. 76(10): Point 1 on U.S.-Mexico boundary
GME-OL-002	25.698383	-88.334067	Art. 76(10): Point 2 on U.S.-Mexico boundary
GME-OL-003	25.685397	-88.171717	Art. 76(10): Point 3 on U.S.-Mexico boundary
GME-OL-004	25.667461	-87.952567	Art. 76(10): Point 4 on U.S.-Mexico boundary
GME-OL-005	25.613831	-87.325197	Art. 76(10): Point 5 on U.S.-Mexico boundary
GME-OL-006	25.590275	-87.051397	Art. 76(10): Point 6 on U.S.-Mexico boundary
GME-OL-007	25.487900	-87.013733	Art. 76(10): Point 7 on U.S.-Mexico boundary; Point 2 on U.S.-Cuba boundary
GME-OL-008	25.207300	-86.553308	Art. 76(10): Point 1 on U.S.-Cuba boundary

Western Gulf of Mexico Region

Table 5: List of the outer limit points in the Western Gulf of Mexico Region. M is nautical miles. Coordinates in NAD83 (decimal degrees), which are considered equivalent to WGS84 for purposes of delineating the outer limits of the U.S. continental shelf.

Outer Limit Point	Latitude	Longitude	Method
GMW-OL-001	25.997028	-93.445139	Art. 76(4) & 76(10): 60 M formula; Point 16 on U.S.-Mexico Boundary
GMW-OL-002	25.907611	-93.252750	Art. 76(4) & 76(10): 60 M formula; Point 15 on U.S.-Mexico Boundary
GMW-OL-003	25.864167	-93.167500	Art. 76(4) & 76(10): 60 M formula; Point 14 on U.S.-Mexico Boundary
GMW-OL-004	25.812556	-93.066361	Art. 76(4) & 76(10): 60 M formula; Point 13 on U.S.-Mexico Boundary
GMW-OL-005	25.776083	-92.994861	Art. 76(4) & 76(10): 60 M formula; Point 12 on U.S.-Mexico Boundary
GMW-OL-006	25.710333	-92.954444	Art. 76(4) & 76(10): 60 M formula; Point 11 on U.S.-Mexico Boundary
GMW-OL-007	25.674250	-92.932222	Art. 76(4) & 76(10): 60 M formula; Point 10 on U.S.-Mexico Boundary
GMW-OL-008	25.667556	-92.779111	Art. 76(4) & 76(10): 60 M formula; Point 9 on U.S.-Mexico Boundary
GMW-OL-009	25.656611	-92.537139	Art. 76(4) & 76(10): 60 M formula; Point 8 on U.S.-Mexico Boundary
GMW-OL-010	25.656194	-92.527889	Art. 76(4) & 76(10): 60 M formula; Point 7 on U.S.-Mexico Boundary
GMW-OL-011	25.637056	-92.133139	Art. 76(4) & 76(10): 60 M formula; Point 6 on U.S.-Mexico Boundary
GMW-OL-012	25.630750	-92.009861	Art. 76(4) & 76(10): 60 M formula; Point 5 on U.S.-Mexico Boundary
GMW-OL-013	25.617000	-91.738639	Art. 76(4) & 76(10): 60 M formula; Point 4 on U.S.-Mexico Boundary
GMW-OL-014	25.612833	-91.658167	Art. 76(4) & 76(10): 60 M formula; Point 3 on U.S.-Mexico Boundary
GMW-OL-015	25.661972	-91.342000	Art. 76(4) & 76(10): 60 M formula; Point 2 on U.S.-Mexico Boundary
GMW-OL-016	25.703917	-91.090278	Art. 76(4) & 76(10): 60 M formula; Point 1 on U.S.-Mexico Boundary

Mariana Islands Region

Table 6: List of the outer limit points in the Mariana Islands Region. M is nautical miles. Coordinates in WGS84 (decimal degrees).

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
MAR-OL-001	24.316155	145.120626	—	Point on Japan 200 M limit
MAR-OL-002	23.816920	145.683481	42.97	Point on U.S. 200 M limit

Pacific Region

Table 7: List of the outer limit points in the Pacific Region. M is nautical miles. Coordinates in WGS84 (decimal degrees). Values for Distance to Previous Point are rounded to the nearest 0.1 nautical mile.

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
PAC-OL-001	41.422234	-128.787324	—	Point on U.S. 200 M limit
PAC-OL-002	41.356271	-129.353869	25.9	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-003	41.354928	-129.364791	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-004	41.353516	-129.375696	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-005	41.352034	-129.386585	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-006	41.350483	-129.397457	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-007	41.348862	-129.408311	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-008	41.347173	-129.419146	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-009	41.345414	-129.429961	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-010	41.343587	-129.440756	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-011	41.341691	-129.451530	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-012	41.339726	-129.462282	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-013	41.337693	-129.473011	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-014	41.335592	-129.483716	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-015	41.333422	-129.494397	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-016	41.331185	-129.505053	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-017	41.328879	-129.515684	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-018	41.326506	-129.526287	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-019	41.324065	-129.536863	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-020	41.321558	-129.547412	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-021	41.318983	-129.557931	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-022	41.316341	-129.568420	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-023	41.313632	-129.578879	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-024	41.310857	-129.589307	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-025	41.308015	-129.599703	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-026	41.305107	-129.610066	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-027	41.302134	-129.620396	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-028	41.299094	-129.630692	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-029	41.295989	-129.640953	0.5	Art. 76(4)(a)(ii): 60 M formula

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
PAC-OL-030	41.292819	-129.651178	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-031	41.289584	-129.661367	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-032	41.286284	-129.671518	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-033	41.282919	-129.681632	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-034	41.279490	-129.691707	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-035	41.275997	-129.701743	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-036	41.272440	-129.711739	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-037	41.268819	-129.721694	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-038	41.265135	-129.731608	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-039	41.261389	-129.741479	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-040	41.257579	-129.751308	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-041	41.253707	-129.761093	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-042	41.249772	-129.770834	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-043	41.245776	-129.780530	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-044	41.241718	-129.790181	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-045	41.237599	-129.799784	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-046	41.233418	-129.809341	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-047	41.229177	-129.818851	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-048	41.224876	-129.828312	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-049	41.220514	-129.837723	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-050	41.216092	-129.847085	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-051	41.211611	-129.856397	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-052	41.207071	-129.865658	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-053	41.202472	-129.874867	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-054	41.197814	-129.884023	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-055	41.193098	-129.893127	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-056	41.188325	-129.902177	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-057	41.183494	-129.911172	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-058	41.178605	-129.920113	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-059	41.173660	-129.928998	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-060	41.168658	-129.937827	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-061	41.163601	-129.946599	0.5	Art. 76(4)(a)(ii): 60 M formula

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
PAC-OL-062	41.158487	-129.955314	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-063	41.153319	-129.963971	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-064	41.148095	-129.972569	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-065	41.142816	-129.981108	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-066	41.137484	-129.989587	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-067	41.132097	-129.998005	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-068	41.126657	-130.006363	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-069	41.121164	-130.014659	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-070	41.115619	-130.022892	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-071	41.110021	-130.031063	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-072	41.104371	-130.039171	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-073	41.098670	-130.047214	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-074	41.092917	-130.055193	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-075	41.087115	-130.063107	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-076	41.081261	-130.070956	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-077	41.075358	-130.078738	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-078	41.069406	-130.086454	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-079	41.063404	-130.094103	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-080	41.057355	-130.101683	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-081	41.051257	-130.109196	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-082	41.045111	-130.116640	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-083	41.038918	-130.124014	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-084	41.032678	-130.131319	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-085	41.026392	-130.138553	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-086	41.020060	-130.145717	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-087	41.013683	-130.152809	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-088	41.007261	-130.159830	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-089	41.000794	-130.166778	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-090	40.994283	-130.173654	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-091	40.987729	-130.180456	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-092	40.981131	-130.187185	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-093	40.974491	-130.193840	0.5	Art. 76(4)(a)(ii): 60 M formula

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
PAC-OL-094	40.967808	-130.200420	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-095	40.961084	-130.206925	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-096	40.954319	-130.213354	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-097	40.947513	-130.219708	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-098	40.940667	-130.225985	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-099	40.933780	-130.232186	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-100	40.926855	-130.238310	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-101	40.919891	-130.244355	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-102	40.912888	-130.250323	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-103	40.905848	-130.256213	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-104	40.898771	-130.262024	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-105	40.891656	-130.267755	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-106	40.884506	-130.273407	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-107	40.877319	-130.278980	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-108	40.870098	-130.284472	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-109	40.862841	-130.289883	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-110	40.855551	-130.295213	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-111	40.848226	-130.300462	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-112	40.840869	-130.305629	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-113	40.833479	-130.310714	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-114	40.826056	-130.315717	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-115	40.818602	-130.320637	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-116	40.811117	-130.325474	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-117	40.803602	-130.330228	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-118	40.796056	-130.334898	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-119	40.788481	-130.339484	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-120	40.780877	-130.343986	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-121	40.773244	-130.348403	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-122	40.765584	-130.352736	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-123	40.524405	-130.486030	15.7	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-124	40.516695	-130.490195	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-125	40.508959	-130.494274	0.5	Art. 76(4)(a)(ii): 60 M formula

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
PAC-OL-126	40.501198	-130.498268	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-127	40.493410	-130.502176	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-128	40.485599	-130.505998	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-129	40.477763	-130.509734	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-130	40.469903	-130.513384	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-131	40.462020	-130.516946	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-132	40.454115	-130.520422	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-133	40.446188	-130.523810	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-134	40.438240	-130.527112	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-135	40.430270	-130.530325	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-136	40.422281	-130.533451	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-137	40.414271	-130.536489	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-138	40.406243	-130.539439	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-139	40.398196	-130.542300	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-140	40.390131	-130.545073	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-141	40.382048	-130.547758	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-142	40.373948	-130.550353	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-143	40.365833	-130.552860	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-144	40.357701	-130.555277	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-145	40.349554	-130.557606	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-146	40.341393	-130.559845	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-147	40.333217	-130.561994	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-148	40.325029	-130.564054	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-149	40.316827	-130.566024	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-150	40.308613	-130.567905	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-151	40.300387	-130.569695	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-152	40.292150	-130.571395	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-153	40.283902	-130.573006	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-154	40.275644	-130.574526	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-155	40.267377	-130.575956	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-156	40.259101	-130.577296	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-157	40.250817	-130.578545	0.5	Art. 76(4)(a)(ii): 60 M formula

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
PAC-OL-158	40.242525	-130.579704	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-159	40.234226	-130.580772	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-160	40.225920	-130.581750	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-161	40.217609	-130.582637	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-162	40.209292	-130.583434	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-163	40.200970	-130.584140	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-164	40.192644	-130.584755	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-165	40.184314	-130.585280	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-166	40.175981	-130.585714	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-167	40.167646	-130.586058	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-168	40.159309	-130.586311	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-169	40.150970	-130.586473	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-170	40.142631	-130.586545	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-171	40.134291	-130.586527	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-172	40.125952	-130.586417	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-173	40.117614	-130.586218	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-174	40.109277	-130.585927	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-175	40.100943	-130.585547	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-176	40.092611	-130.585076	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-177	40.084283	-130.584515	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-178	40.075958	-130.583864	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-179	40.067638	-130.583122	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-180	40.059323	-130.582291	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-181	40.051013	-130.581369	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-182	40.042710	-130.580358	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-183	40.034413	-130.579257	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-184	40.026124	-130.578067	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-185	40.017842	-130.576787	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-186	40.009569	-130.575417	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-187	40.001305	-130.573959	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-188	39.993051	-130.572411	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-189	39.984807	-130.570774	0.5	Art. 76(4)(a)(ii): 60 M formula

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
PAC-OL-190	39.976573	-130.569049	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-191	39.968351	-130.567234	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-192	39.960141	-130.565332	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-193	39.951943	-130.563340	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-194	39.943758	-130.561261	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-195	39.935587	-130.559094	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-196	39.927430	-130.556838	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-197	39.919288	-130.554495	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-198	39.911160	-130.552065	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-199	39.903049	-130.549547	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-200	39.894954	-130.546943	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-201	39.886876	-130.544251	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-202	39.878815	-130.541473	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-203	39.870773	-130.538608	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-204	39.862749	-130.535657	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-205	39.854744	-130.532621	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-206	39.846759	-130.529498	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-207	39.838794	-130.526290	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-208	39.830850	-130.522997	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-209	39.822927	-130.519619	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-210	39.815026	-130.516156	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-211	39.807148	-130.512608	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-212	39.799292	-130.508977	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-213	39.791460	-130.505261	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-214	39.783652	-130.501462	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-215	39.775868	-130.497580	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-216	39.768110	-130.493615	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-217	39.760377	-130.489566	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-218	39.752670	-130.485436	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-219	39.744990	-130.481223	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-220	39.737337	-130.476929	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-221	39.729712	-130.472553	0.5	Art. 76(4)(a)(ii): 60 M formula

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
PAC-OL-222	39.722115	-130.468095	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-223	39.714547	-130.463557	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-224	39.707009	-130.458939	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-225	39.699499	-130.454240	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-226	39.692021	-130.449462	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-227	39.684573	-130.444604	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-228	39.677156	-130.439667	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-229	39.669771	-130.434651	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-230	39.662419	-130.429557	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-231	39.655099	-130.424385	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-232	39.647813	-130.419135	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-233	39.640560	-130.413808	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-234	39.633342	-130.408404	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-235	39.626159	-130.402924	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-236	39.619010	-130.397367	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-237	39.611898	-130.391735	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-238	39.604822	-130.386028	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-239	39.597783	-130.380245	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-240	39.590780	-130.374389	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-241	39.583816	-130.368458	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-242	39.576890	-130.362454	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-243	39.570002	-130.356376	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-244	39.563153	-130.350226	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-245	39.556344	-130.344004	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-246	39.549575	-130.337709	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-247	39.542847	-130.331343	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-248	39.536159	-130.324907	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-249	39.529513	-130.318399	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-250	39.522909	-130.311822	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-251	39.516347	-130.305175	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-252	39.509827	-130.298459	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-253	39.503351	-130.291674	0.5	Art. 76(4)(a)(ii): 60 M formula

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
PAC-OL-254	39.496919	-130.284822	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-255	39.490530	-130.277901	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-256	39.484186	-130.270913	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-257	39.477887	-130.263859	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-258	39.471633	-130.256739	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-259	39.465425	-130.249552	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-260	39.459263	-130.242301	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-261	39.453148	-130.234984	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-262	39.447080	-130.227604	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-263	39.441059	-130.220160	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-264	39.435086	-130.212653	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-265	39.429161	-130.205083	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-266	39.423284	-130.197451	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-267	39.417457	-130.189757	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-268	39.411679	-130.182002	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-269	39.405951	-130.174187	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-270	39.400273	-130.166312	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-271	39.394646	-130.158377	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-272	39.389070	-130.150384	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-273	39.383545	-130.142332	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-274	39.378071	-130.134223	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-275	39.372650	-130.126056	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-276	39.367281	-130.117832	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-277	39.361965	-130.109553	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-278	39.356702	-130.101218	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-279	39.351493	-130.092828	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-280	39.346337	-130.084383	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-281	39.341235	-130.075885	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-282	39.336189	-130.067333	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-283	39.331196	-130.058729	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-284	39.326260	-130.050073	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-285	39.321378	-130.041366	0.5	Art. 76(4)(a)(ii): 60 M formula

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
PAC-OL-286	39.316553	-130.032607	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-287	39.311784	-130.023799	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-288	39.307071	-130.014940	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-289	39.302415	-130.006033	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-290	39.297816	-129.997077	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-291	39.293275	-129.988073	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-292	39.288791	-129.979022	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-293	39.284365	-129.969925	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-294	39.279998	-129.960781	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-295	39.275689	-129.951592	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-296	39.271440	-129.942359	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-297	39.267249	-129.933081	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-298	39.263118	-129.923759	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-299	39.259047	-129.914395	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-300	39.255036	-129.904989	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-301	39.251085	-129.895541	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-302	39.247195	-129.886052	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-303	39.243365	-129.876522	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-304	39.239597	-129.866953	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-305	39.235890	-129.857345	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-306	39.232244	-129.847699	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-307	39.228661	-129.838015	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-308	39.225139	-129.828294	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-309	39.221680	-129.818536	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-310	39.218283	-129.808743	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-311	39.214949	-129.798914	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-312	39.211678	-129.789051	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-313	39.208471	-129.779154	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-314	39.205326	-129.769224	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-315	39.202245	-129.759262	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-316	39.199229	-129.749268	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-317	39.196276	-129.739243	0.5	Art. 76(4)(a)(ii): 60 M formula

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
PAC-OL-318	39.193387	-129.729187	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-319	39.190563	-129.719101	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-320	39.187803	-129.708987	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-321	39.185109	-129.698844	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-322	39.182479	-129.688673	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-323	39.179914	-129.678475	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-324	39.177415	-129.668251	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-325	39.174981	-129.658001	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-326	39.172613	-129.647726	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-327	39.170310	-129.637427	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-328	39.168074	-129.627104	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-329	39.165904	-129.616759	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-330	39.163800	-129.606391	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-331	39.161762	-129.596001	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-332	39.159791	-129.585591	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-333	39.157887	-129.575160	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-334	39.156049	-129.564710	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-335	39.154278	-129.554241	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-336	39.152575	-129.543754	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-337	39.150938	-129.533250	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-338	39.149369	-129.522729	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-339	39.147867	-129.512192	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-340	39.146433	-129.501640	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-341	39.145066	-129.491073	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-342	39.143766	-129.480492	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-343	39.142535	-129.469899	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-344	39.141371	-129.459292	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-345	39.140275	-129.448674	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-346	39.139248	-129.438045	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-347	39.138288	-129.427406	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-348	39.137396	-129.416757	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-349	39.136573	-129.406099	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-350	39.135817	-129.395433	0.5	Art. 76(4)(a)(ii): 60 M formula

Outer Limit Point	Latitude	Longitude	Distance to Previous Point (M)	Method
PAC-OL-351	39.135130	-129.384759	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-352	39.134511	-129.374079	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-353	39.133961	-129.363392	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-354	39.133479	-129.352700	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-355	39.133065	-129.342004	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-356	39.132720	-129.331303	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-357	39.132444	-129.320600	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-358	39.132235	-129.309893	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-359	39.132096	-129.299185	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-360	39.132025	-129.288476	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-361	39.132022	-129.277767	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-362	39.132088	-129.267058	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-363	39.132222	-129.256349	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-364	39.132425	-129.245643	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-365	39.132697	-129.234939	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-366	39.133036	-129.224238	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-367	39.133445	-129.213542	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-368	39.133921	-129.202849	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-369	39.134466	-129.192162	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-370	39.135080	-129.181481	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-371	39.135762	-129.170807	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-372	39.136512	-129.160141	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-373	39.137330	-129.149482	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-374	39.138216	-129.138832	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-375	39.139171	-129.128192	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-376	39.140194	-129.117562	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-377	39.141284	-129.106943	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-378	39.142443	-129.096336	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-379	39.143669	-129.085741	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-380	39.144963	-129.075160	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-381	39.146324	-129.064592	0.5	Art. 76(4)(a)(ii): 60 M formula
PAC-OL-382	39.194329	-128.479047	27.5	Point on U.S. 200 M limit

Thank you to the more than 300 people from over 50 organizations who contributed to the successful delineation of the U.S. extended continental shelf limits. We are grateful for the 20 years of efforts, over three years of ship time, and countless hours of discussing, analyzing, and refining the U.S. continental shelf limits along with the supporting data and documentation.

Heather Allen	John Campagnoli	Jake Fortune	Mary Glakin
Jessica Allen	Derek Campbell	Chris Fox	Brian Israel
Brian Akers	Megan Campbell	Patty Fryer	Ruth Jackson
Barbara Ambrose	Aldino Campos	Jennifer Fulford	Christine Jacobs
Andrea Andersen	Suzanne Carbotte	Jim Gardner	Martin Jakobsson
Christian Andreasen	Galo Carrera Hurtado	Amy Gartman	Jennifer Jencks
Scott Angelle	Borden Chapman	Isabel Gates	Clifton Johnson
Tim Arcano	Dale Chayes	Helen Gibbons	Liza Johnson
Andrew Archer	Jason Chaytor	Bijan Gilanshah	Paul Johnson
Andrew Armstrong	Deping Chian	Paul Godfried	Sarah Jorgensen
David Armstrong	Jon Childs	Chris Goldfinger	Andrew (AJ) Judaprawira
Matt Arsenault	Gail Christeson	Fred Gorrell	Jim Kendall
Roland Arsenault	Pablo Clemente-Colón	Arthur Grantz	Daniel Kennedy
Constance Arvis	Bernard Coakley	Garry Greene	Eric Kihn
Wayne Baldwin	Tracy Conrad	Jeremy Greenwood	Elizabeth Kim
Alicia Balster-gee	Lori Cook	Susan Gregersen	Suzette Kimball
David Balton	Renee Crain	John Griffith	Stephen Kopach
Betsy Baker	Catherine Creese	Sean Gulick	Dan Kowal
Tim Baker	VeeAnn Cross	John Haines	Gerhard Kuska
Susan Banet	Walter Cruickshank	Bridgette Haley	Ruth Lane
Steve Barnum	Janine Czarnecki	John Hall	Bill Lang
John Barron	Finn Dahl	Gregory Hammer	John LaRocque
Ginger Barth	Peter Dal Ferro	Erika Hammar-Klose	Larry Lawver
Kevin Baumert	Erika Davis	Pat Hart	Mike Layne
Yannick Beaudoin	Carolyn Degnan	Richard Haworth	Nina Lebedeva-Ivanova
Steven Bergman	Wanda-Lee De Landro-Clarke	Maggie Hayes	Erin LeFevre
Jonathan Berkson	George Dellagiarino	Jim Hein	Alan Leonard
Margot Bohan	Mary-Lynn Dickson	Martin Heinesen	Oliver Lewis
Susan Biniaz	John Diebold	Sam Heller	Elliot Lim
Evan Bloom	Leo Dillon	Stephanie Herring	Emily Lindow
Adam Bloomquist	Eric Doornbos	Sean Higgins	Iris Lowery
Kai Boggild	Rose Dufour	Karl Hinz	Mitch Lyle
Jim Bowers	Barry Eakins	Robin Holcomb	Dave MacFarland
Harald Brekke	Brian Edwards	Terry Holman	Aliya Mahmood
Joann Breland	Margo Edwards	Susan Hoover	Giuseppe Masetti
Richard Brennan	Esther Eng	John Hopper	Mazlan bin Madon
Charlie Broadwater	Wayne Estabrooks	David Houseknecht	Estevao Stefane Mahanjane
Maureen Brooks	Lori Faeth	Bob Houtman	Matthew Malkowski
Kelly Brumley	John Farrell	Natalie Howard	Christian Marcussen
Brian (Bucky) Buckowski	William Fessenden	Cheri Hunter	Kylara Martin
Maxine Burkett	Jessica Fitzpatrick	Debbie Hutchinson	Fernando Martinez
Brian Calder	Dave Forcucci	James Gibson	David Martinson

Milo Mason	John Oliver	Simon Stephenson	Captain and crew of <i>Research Vessel Atlantis</i> (2014)
Larry Mayer	Peter Oppenheimer	Laura Strickler	Captain and crew of <i>U.S. Navy Ship Bowditch</i> (2006)
Patricia McCrory	Renee Orr	Scott Sweet	Captain and crew of <i>Research Vessel Davidson</i> (2003)
Timothy McCune	Roger Parsons	Philip Symonds	Captain and crew of <i>Research Vessel Fugro Supporter</i> (2016)
Sam McDonald	Hardy Pearce	Ken Tanaka	Captains and crew of <i>U.S. Coast Guard Cutter Healy</i> (2003, 2004, 2007, 2008, 2009, 2010, 2011, 2012, 2016)
John McDonough	Victoria Pease	George Tate	Captain and crew of <i>U.S. Navy Ship Henson</i> (2004)
Jenny McKee	Timothy Petty	Brian Taylor	Captains and crew of <i>Research Vessel Kilo Moana</i> (2005, 2010, 2011, 2014, 2015, 2017, 2018)
Bob McLaughlin	Sandra Phillips	Steve Textoris	Captains and crew of <i>Research Vessel Marcus G. Langseth</i> (2011, 2014, 2015)
Craig McLean	Joseph Pica	Robert Thieler	Captains and crew of <i>Canadian Coast Guard Cutter Louis S. St-Laurent</i> (2007, 2008, 2009, 2010, 2011, 2016)
Sue McLean	Rob Pockalny	Peter Thomas	Captains and crew of <i>NOAA Ship Okeanos Explorer</i> (2009, 2018)
Evan McQuinn	Rex Poling	Luke Thompson	Captain and crew of <i>Research Vessel Norseman II</i> (2011)
Ellen Mecray	Paul Post	Steve Thur	Captain and crew of <i>Research Vessel Northern Resolution</i> (2007)
Monica Medina	Walli Rainey	Laura Torresan	Captain and crew of <i>U.S. Navy Ship Pathfinder</i> (2005)
Rachel Medley	Kumkum Ray	Mike Torresan	Captain and crew of <i>Research Vessel Roger Revelle</i> (2008)
Brian Melchior	Bobby Reese	Andrea Travnicek	Captains and crew of <i>NOAA Ship Ronald H. Brown</i> (2012, 2016)
Pedro Melendez	J. Ashley Roach	Anne Trehu	Captain and crew of <i>U.S. Navy Ship Sumner</i> (2010)
Emily Menashes	Steve Roberts	Peter Trizenberg	
Mahlet Mesfin	Walter Roest	David Twichell	
Brian Meyer	Peter Rona	Maria Urbina	
Anna Milan	Bob Rowland	Doug Vandegraft	
Elizabeth Miller	Susan Russell-Robinson	Brian Van Pay	
John Miller	Bill Ryan	Ole Varmer	
Joyce Miller	Rick Saltus	Jesse Varner	
Nathan Miller	Allison Saunders	Sara Veasey	
Todd Miller	Dan Scheirer	Jacob Verhoef	
Jerry Mills	Kenli Kim	Peter Vogt	
John Mimikakis	William Shedd	Roland Von Huene	
Kira Mizell	David Scholl	Maureen Walton	
Barbara Moore	Suzanne Schwartz	Robin Warnken	
Carla Moore	John Shimeld	Beth Wenstrom	
Melissa Moreland	Tom Shipley	Carl Wentworth	
Greg Mountain	Sandy Shor	Cisco Werner	
David Mosher	Mark Simonoff	Meredith Westington	
Brian Muehling	Ray Sliter	Amanda Williams	
Alain Murphy	Holly Smith	Doug Wilson	
Nathan Nagy	John Smith	Jerry Winterer	
Keone Nakoa	Robert Smith	Emily Woglom	
Lawrence Nault	Shepard Smith	Florence Wong	
Doug Nedrich	Walter Smith	Kenneth Wong	
David Neufeld	Rick Stanley	Ray Wood	
Roxanne Nikolaus	Amy Stern	Warren Wood	
Gordon Oakey	Bob Stern	Toshitsugu Yamazaki	
Greg O'Brien	Dalaina Stewart	Gonzalo Yáñez Carrizo	
Tom O'Brien	Kelly Stroker	Kathryn Youel Page	
James O'Clock	Maura Sullivan		
Laura Ohlmann	Nikonda Surrett		

