



EXECUTIVE SUMMARY

Partial Submission by
The Federated States of Micronesia
to the Commission on the Limits
of the Continental Shelf
concerning the
Area North of Yap

2021

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Preface

The Submission by the Federated States of Micronesia concerning the North of Yap Area was prepared upon the direction of the Office of the President and the Department of Justice (DOJ) through the guidance of the FSM Extended Continental Shelf Task Force composed of the following National Departments and Agencies:

- Department of Foreign Affairs
- Department of Justice
- Department of Resources and Development
- National Oceanic Resource Management Authority (NORMA)
- National Archive Historic and Cultural Preservation Office

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1. Introduction

- 1-1** This Executive Summary forms part of the Submission by the Federated States of Micronesia to the Commission on the Limits of the Continental Shelf ('the Commission') made pursuant to paragraph 8 of Article 76 of the 1982 United Nations Convention on the Law of the Sea ('the Convention'), in support of the establishment of the outer limits of the continental shelf in the region North of Yap that lies beyond 200 nautical miles ('M') from the baselines from which the breadth of the territorial sea of Federated States of Micronesia is measured.
- 1-2** The Federated States of Micronesia is a small island nation located in the Western Pacific Ocean, comprised of some 607 islands situated just above the equator and scattered over an area of approximately 3,008,473 km², with four State Governments (Yap, Chuuk, Pohnpei and Kosrae) duly established and recognized under the Constitution of the Federated States of Micronesia ('the Constitution'), ratified in 1978. The islands that form the Federated States of Micronesia are located in what was known as the Eastern and Western Caroline Islands prior to the adoption of the Constitution and the subsequent attainment of independence in 1986. The total land area of the Federated States of Micronesia is approximately 714 km². The State of Pohnpei includes *Pohnpei Island* - the largest island in the Federated States of Micronesia and the location of the capital, Palikir.
- 1-3** The Federated States of Micronesia acceded to the Convention on 29 April 1991. The *Territorial Boundaries & Economic Zones legislation, Title 18* ('Title 18') of the Code of the Federated States of Micronesia (Annotated) establishes the maritime zones of the Federated States of Micronesia consistent with the provisions of the Convention. In particular, Section 105B of Title 18 states that: "(1) There is hereby established a Continental Shelf comprising of the seabed and subsoil of the submarine areas that extend beyond the Territorial Sea throughout the natural prolongation of the land territory to the outer edge of the continental margin, or to a distance of 200 M from the baselines from which the breadth of the Territorial Sea is measured where the outer edge of the continental margin does not extend up to that distance." Section 105C of Title 18 also provides that: "Whenever the continental margin extends beyond 200 M from the baselines as defined in section 101, the outer limits of the continental shelf are to be established in accordance with Article 76 of the Convention." In this regard, Article 1 of the Constitution provides that the jurisdiction of the Federated States of Micronesia extends to a marine space of 200 miles measured outward from appropriate baselines and includes the continental shelf.
- 1-4** In accordance with the paragraph 1 of Article 76 of the Convention, a coastal State such as the Federated States of Micronesia has a continental shelf comprising the seabed and subsoil of the submarine areas that extend beyond the territorial sea throughout the natural prolongation of the land territory to the outer edge of the continental margin, up to the limits provided for in paragraphs 4 to 6 of Article 76, or to a distance of 200 M from the baselines from which the breadth of the territorial sea is measured (hereinafter

referred to as 'the territorial sea baselines') where the outer edge of the continental margin does not extend to that distance.

- 1-5** This entitlement to a continental shelf based on the application of Article 76 applies also to Islands in the same manner as it applies to coastal States by operation of Article 121 of the Convention.
- 1-6** Where the continental shelf extends beyond 200 M from the territorial sea baselines, a coastal State seeking to establish the outer limits of the continental shelf beyond 200 M consistent with the Convention, is required under paragraph 8 of Article 76 to submit information on such outer limits to the Commission on the Limits of the Continental Shelf (hereinafter referred to as 'the Commission'), which makes recommendations to the coastal State concerning the outer limits of the continental shelf consistent with the relevant provisions of Article 76 of the Convention.
- 1-7** Paragraph 1 of Article 76 of the Convention provides that a coastal State exercises over its continental shelf 'sovereign rights' for the purpose of exploring and exploiting its natural resources (see: Article 77, paragraph 1 of the Convention). Such sovereign rights of the coastal State over its continental shelf are exclusive in the sense that no one may exercise such rights without the express consent of the coastal State (see: Article 77, paragraph 2 of the Convention).
- 1-8** The Federated States of Micronesia has for the purposes of preparing this Submission, applied the relevant provisions of Article 76 of the Convention, together with the Rules of Procedure of the Commission on the Limits of the Continental Shelf (CLCS/40/Rev.1), adopted by the Commission on 17 April 2008 ('Rules of Procedure'), and the recommendations contained in the Scientific and Technical Guidelines of the Commission on the Limits of the Continental Shelf (CLCS/11) adopted by the Commission on 13 May 1999 ('the Guidelines'). The Federated States of Micronesia has also made reference where appropriate to aspects of the published recommendations concerning other Submissions examined by the Commission to date.
- 1-9** In accordance with Article 1 of Annex III to the Rules of Procedure and paragraphs 9.1.3 to 9.1.6
- this Executive Summary (FSM-ANY-ES-DOC);
 - the Main Body of the Submission (FSM-ANY-MB-DOC); and,
 - Supporting scientific and technical documents.
- 1-10** A separate section of this Executive Summary provides a brief outline of the region of continental shelf beyond 200M, including a depiction of the outer limits of the continental shelf determined by the Federated States of Micronesia.

2. Partial Submission

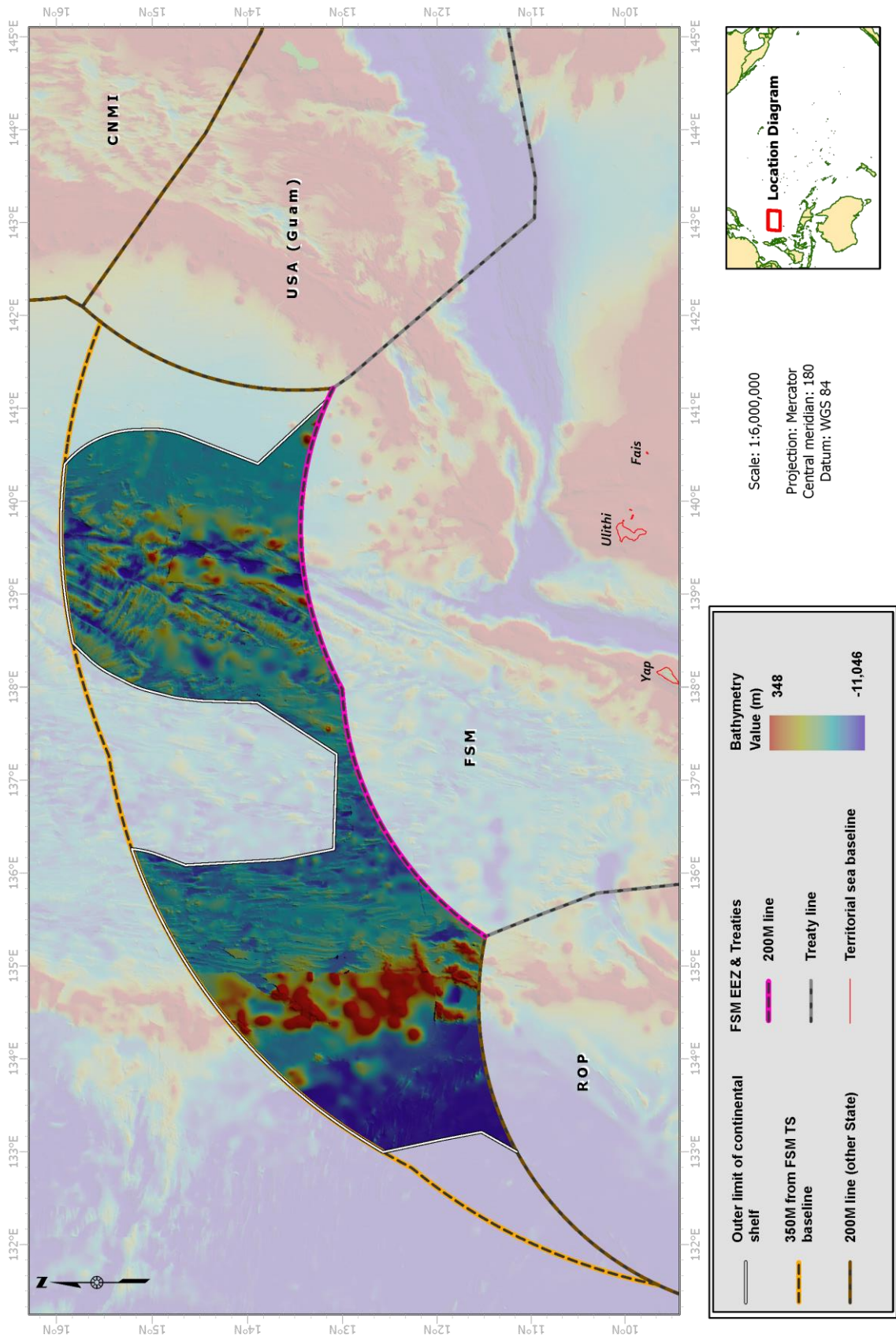
- 2-1** In accordance with paragraph 3 of Annex I to the Rules of Procedure, this Submission represents a partial submission in respect of a portion only of the continental shelf

beyond 200 M from the territorial sea baselines of the Federated States of Micronesia. This is without prejudice to any future submission with respect to other areas of the continental shelf beyond 200 M from the territorial sea baselines, either covering completely separate areas or areas that are in any way related to, or connected with, any existing or future extended continental shelf claim of the Federated States of Micronesia.

- 2-2** The lodgment of this Submission follows the lodgment of the Joint Submission by the Federated States of Micronesia, Papua New Guinea and Solomon Islands concerning the Ontong Java Plateau on 9 May 2009, made jointly by the Federated States of Micronesia, the Independent State of Papua New Guinea and Solomon Islands pursuant to paragraph 8 of Article 76 of the Convention in support of the establishment by the three coastal States of the outer limits of the continental shelf in the Ontong Java Plateau Region (see: https://www.un.org/Depts/los/clcs_new/submissions_files/submission_fmpgsb_32_2009.htm), the lodgment of the Submission concerning the Eauripik Rise on 30 August 2013 (see: https://www.un.org/Depts/los/clcs_new/submissions_files/submission_fsm_67_2013.htm), and the Preliminary Information filed with respect to the Mussau Ridge (see: https://www.un.org/Depts/los/clcs_new/submissions_files/preliminary/fsm_preliminaryinfo.pdf).
- 2-3** Furthermore, in accordance also with paragraph 3 of Annex I to the Rules of Procedure, submissions for other areas of extended continental shelf may be claimed by the Federated States of Micronesia in the future, either separately or jointly with other state or states.

3. Maps and Coordinates

- 3-1** Two maps at an appropriate scale are included in this Executive Summary. Map 1 (FSM-ANY-MAP-ES-1) depicts the outer limits of the continental shelf of the Federated States of Micronesia in the region North of Yap showing the outer limit line and area of continental shelf extending beyond 200M from the territorial sea baseline. Map 2 (FSM-ANY-MAP-ES-2) depicts the outer limits of the continental shelf of the Federated States of Micronesia and provisions of Article 76 invoked.
- 3-2** A list of coordinates of the Article 76 fixed points that define the outer limits of the continental shelf are supplied in a table annexed to this Executive Summary. Table 1 (FSM-ES-DOC-ANNEX 1) lists the fixed points defining the outer limits of the continental shelf in the region North of Yap in decimal degrees. The provision of Article 76 invoked to support the establishment of each fixed point is indicated in the table, together with the distance between adjacent points.



FSM-ANY-MAP-ES-1. The outer limits of the continental shelf of the Federated States of Micronesia in the region North of Yap showing the outer limit line and area of continental shelf extending beyond 200M from the territorial sea baseline.

4. Provisions of Article 76 Invoked

- 4-1 Paragraphs 4 to 6 of Article 76 set out specific formula and constraints by which a coastal State such as the Federated States of Micronesia may establish the outer edge of its continental margin, and its legal continental shelf, wherever that margin extends beyond 200 M from the baselines from which the breadth of the territorial sea is measured.
- 4-2 As set out in paragraph 7 of Article 76, the coastal State is to delineate the outer limits of those portions of its continental shelf that extend beyond 200 M from the baselines by straight lines not exceeding 60 M in length, connecting fixed points defined by coordinates of latitude and longitude.
- 4-3 The Federated States of Micronesia invokes paragraphs 3, 4(a)(ii), 5 and 7 of Article 76 of the Convention in support of the determination of the outer limits of the continental shelf included in the Submission, as outlined in Section 6 of this Executive Summary.

5. Advisory Assistance

- 5-1 The Federated States of Micronesia was not assisted in the preparation of this Submission by any former or serving members of the Commission.
- 5-2 A list of advisers and technical experts who provided legal and technical assistance to the Federated States of Micronesia during the preparation of the Submission is included in the Preface to this Executive Summary.

6. Settled and Outstanding Delimitations

- 6-1 Title 18 provides that in cases where the Exclusive Economic Zone ('EEZ') of the Federated States of Micronesia overlaps with the EEZ of an opposite or adjacent coastal State, nothing in the Act operates to prevent the delimitation of such an area by agreement entered into between the Federated States of Micronesia and an opposite coastal State (see: section 7).
- 6-2 The Federated States of Micronesia has delimited maritime boundaries with the Republic of Palau in respect of those areas where the EEZ entitlements of the Federated States of Micronesia and those of Palau overlapped under the 2006 Palau-Federated States of Micronesia Maritime Boundary Treaty (see: <http://www.un.org/Depts/los/LEGISLATIONANDTREATIES/STATEFILES/FSM.htm>), which is referred to for information purposes only.

- 6-3** The Federated States of Micronesia notes that the present Submission may give rise to delimitations with neighboring countries, including the Republic of Palau. It is noted that the Republic of Palau lodged a claim of extended continental shelf in the so-called Kyushu Ridge, which overlaps the North of Yap Area. The Federated States of Micronesia formally notified the Republic of Palau regarding this ECS claim, conducted bilateral consultations in October 2019 with the technical team of Palau, and was given an assurance that it had no objection to the lodgement, and subsequent consideration of the Submission by the Commission shall be without prejudice to the determination of maritime boundaries under such circumstances.

7. Absence of Disputes

- 7-1** Article 9 of Annex II to the Convention provides that the actions of the Commission shall not prejudice matters relating to the delimitation of boundaries between States with opposite or adjacent coasts. The Federated States of Micronesia notes in this regard that the Commission has accordingly adopted a practice, contained in Annex I to the Rules of Procedure, which is intended to prevent the consideration of any submission that implicates or impacts upon a disputed continental shelf without the consent of the parties in dispute.
- 7-2** In accordance with paragraph 2(a) of Annex I to the Rules of Procedure, the Federated States of Micronesia wishes to inform the Commission that the area of the continental shelf that is the subject of this Submission is not subject to any dispute between the Federated States of Micronesia and any other State(s).
- 7-3** Further, in accordance with paragraph 2(b) of Annex I to the Rules of Procedure, the Federated States of Micronesia assures the Commission that, in its view, the consideration of this Submission will not prejudice matters relating to the delimitation of boundaries between the Federated States of Micronesia and any other State(s). The Federated States of Micronesia further confirms that the entire submission is submitted and should be considered without prejudice to any potential delimitation of maritime boundaries with neighbouring coastal States.

8. Regional Overview and Outer Limits of the Continental Shelf

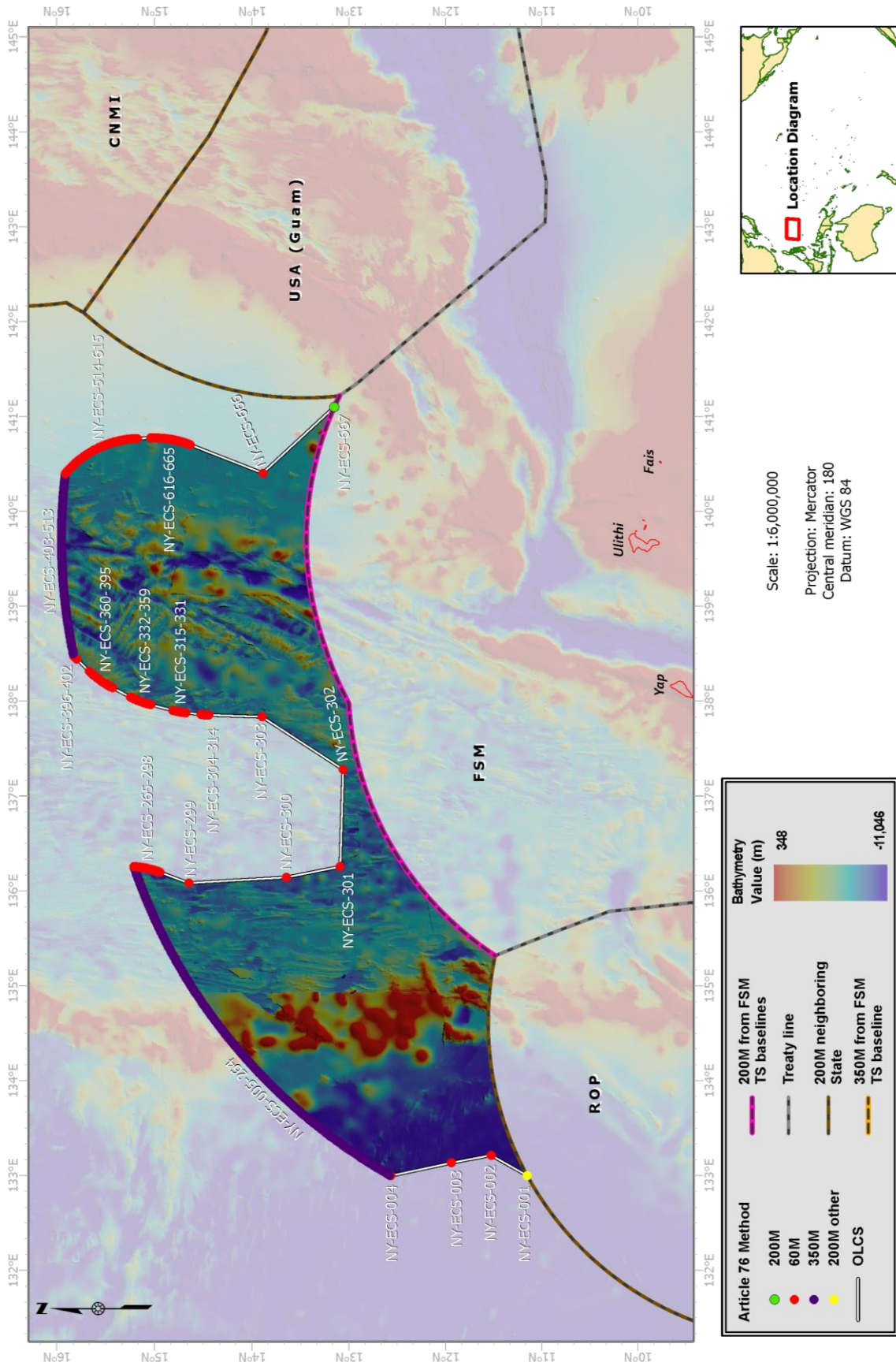
- 8-1** The extent of the continental shelf for the Federated States of Micronesia in the area North of Yap has been determined primarily based on morphology and comprises parts of the Palau-Kyushu Ridge, the northward projection of the Yap Arc into the Parece Vela Basin and all related seafloor highs.
- 8-2** The continental shelf of the Federated States of Micronesia extends beyond 200 M, via the Yap Arc to the Palau-Kyushu Ridge (or sometimes ‘Kyushu-Palau Ridge’) – a broadly north-south trending seafloor high occurring in the West Philippine Basin at depths ranging from 4500 m to less than 1500 m, and the northward projection of the Yap Arc into the Parece Vela Basin.
- 8-3** The Palau-Kyushu Ridge, the Yap arc-trench system and the Parece Vela Basin were formed over time by the eastward progression of Pacific Plate subduction beneath the Philippine Plate. The Yap Arc is an active arc system, associated with the Yap Trench, where the Caroline Plate is subducting beneath the Philippine Plate, while the now extinct Palau-Kyushu Ridge is a fragment of the proto-Izu-Bonin-Marianas arc system which was separated from the plate boundary by the now extinct Parece Vela back-arc basin.
- 8-4** The present-day Izu–Bonin–Mariana (IBM) arc-trench system is the convergent boundary between the Pacific and Philippine Sea plates in the Western Pacific Ocean. The IBM system extends over 2800 km south from Japan, to beyond Guam, and includes the Izu Islands, Bonin Islands, and Mariana Islands. It is the site of the deepest point in Earth’s ocean, the Challenger Deep in the Mariana Trench.
- 8-4** The natural prolongation of the continental shelf of the Federated States of Micronesia is predicated on an extension of the submerged prolongation of the island landmass of the atolls that together form the land territory of the country, with the submerged prolongation of *Yap* and *Ngulu* specifically demonstrated in this Submission. A detailed examination of the geology of the region is presented in [Chapter 2](#) of the Main Body of the Submission, which includes a discussion that is intended to clearly demonstrate the natural prolongation from the relevant landmass.
- 8-5** The scientific and technical data submitted by the Federated States of Micronesia in support of this Submission establishes that the outer edge of the continental margin extends beyond 200 M measured from the territorial sea baselines.
- 8-6** Applying the relevant provisions of Article 76, the outer limit of the extended continental shelf of the Federated States of Micronesia is defined by a total of 667 Article 76 fixed points:
- 1 point in the Western Area where the outer limit line intersects the 200 M of the Republic of Palau (NY-ECS-001), (Article 76, paragraph 4(a)(ii));

- 294 are defined by arcs 60 M from the foot of the slope (Article 76, paragraph 4(a)(ii)) (NY-ECS-002 to NY-ECS-004, NY-ECS-265 to NY-ECS-402, NY-ECS-514 to NY-ECS-666);
- 371 are defined by the constraint line 350 M from the territorial sea baselines (Article 76, paragraph 5) (NY-ECS-005 to NY-ECS-264, NY-ECS-403 to NY-ECS-513);
- 1 point defined by the Federated States of Micronesia 200 M line. The fixed point is in the Eastern area on the 200 M line generated from Ulithi Atoll in Yap State (NY-ECS-667);

8-7 The outer limits of the continental shelf extending beyond 200 M of the territorial sea baseline has been delineated by geodesic straight lines not exceeding 60 M in length used to connect the fixed points ('Article 76 fixed points'), defined by coordinates of latitude and longitude.

8-8 The outer limits of the continental shelf of the Federated States of Micronesia extending beyond 200 M from the baseline from which the breadth of the territorial sea is measured encloses an area of approximately 188,829 km².

8-9 Lists of the fixed points that have been constructed to delineate the outer limits of the continental shelf are given in the annex to this Executive Summary.



FSM-ANY-MAP-ES-2. The outer limits of the continental shelf of the Federated States of Micronesia and provisions of Article 76 invoked.

9. Authentication

- 9-1 All maps, charts and databases forming part of the Federated States of Micronesia were prepared by the Office of the President and Department of Justice, which is responsible for preparing such material and for certifying its quality and reliability.

10. Notes

Map Notes

- 10-1 For the purpose of the maps contained in this Submission, the EEZ entitlement of the Federated States of Micronesia has been depicted in accordance with, and subject to, the provisions of Title 18 and any applicable maritime boundary treaty concluded by the Federated States of Micronesia.
- 10-2 The depiction of 200 M lines other than those established by the Federated States of Micronesia is for the sole purpose of demonstrating the location of those fixed points at which the outer limit line delineating the outer limits of the continental shelf commences and terminates respectively. The construction of such 200M lines is based on information available at the time of production, and should not be taken to signify acceptance of the validity at international law of base-points, maritime zones or waters determined by another coastal State, with the exception of those cases where maritime boundary lines, coordinates or boundaries have been agreed in a maritime boundary treaty or agreement concluded between the Federated States of Micronesia and an opposite or adjacent coastal State.

Table Notes

- 10-3 The table included at Annex 1 to this Executive Summary list by number (identifiers) and coordinates (in latitude and longitude) the fixed points that define the outer limits of the continental shelf of the Federated States of Micronesia. The distance in nautical miles (M) from one point on the outer limit line to the previous point is given in the fourth column of the table.
- 10-4 All coordinates of fixed points defined according to the provisions of Article 76 of the Convention in this document are expressed using the World Geodetic System 1984 (WGS 84) reference coordinate system.

Abbreviations

- 10-5 The following abbreviations are used in the tables included at Annex 1 to denote the Article 76 provisions invoked:
- 60M: 60 M Formula point (Article 76, para. 4(a)(ii))

200M: 200 M line from the FSM territorial sea baseline (Article 76, para. 1)
350M: 350 M Constraint point (Article 76, para. 5).

Other abbreviations used:

200M other: 200 M line from the territorial sea baseline of an opposite or
adjacent coastal State
DD: Decimal degrees
ECS: Extended continental shelf
FP: Fixed point
M: nautical mile (1,852 meters)
WGS 84: World Geodetic System, 1984

Annex 1

FSM-ES-DOC-ANNEX 1

OLCS Fixed Point	Latitude	Longitude	Distance from previous (M)	Method
NY-ECS-001	11.1524206	132.9991212	0.000	200M other
NY-ECS-002	11.5271869	133.2132788	25.698	60M
NY-ECS-003	11.9401993	133.1336716	25.110	60M
NY-ECS-004	12.5698445	132.9967302	38.461	60M/350M
NY-ECS-005	12.5800471	133.0028680	0.708	350M
NY-ECS-006	12.5944351	133.0115812	1.000	350M
NY-ECS-007	12.6087984	133.0203369	1.000	350M
NY-ECS-008	12.6231368	133.0291353	1.000	350M
NY-ECS-009	12.6374503	133.0379762	1.000	350M
NY-ECS-010	12.6517386	133.0468595	1.000	350M
NY-ECS-011	12.6660018	133.0557852	1.000	350M
NY-ECS-012	12.6802396	133.0647532	1.000	350M
NY-ECS-013	12.6944520	133.0737635	1.000	350M
NY-ECS-014	12.7016337	133.0783387	0.506	350M
NY-ECS-015	12.7081155	133.0824695	0.457	350M
NY-ECS-016	12.7145920	133.0866090	0.457	350M
NY-ECS-017	12.7240255	133.0926591	0.666	350M
NY-ECS-018	12.7334476	133.0987278	0.666	350M
NY-ECS-019	12.7435646	133.1050314	0.708	350M
NY-ECS-020	12.7578244	133.1139658	1.000	350M
NY-ECS-021	12.7720588	133.1229426	1.000	350M
NY-ECS-022	12.7862677	133.1319616	1.000	350M
NY-ECS-023	12.8004510	133.1410228	1.000	350M
NY-ECS-024	12.8146087	133.1501261	1.000	350M
NY-ECS-025	12.8287405	133.1592715	1.000	350M
NY-ECS-026	12.8428463	133.1684588	1.000	350M
NY-ECS-027	12.8569261	133.1776881	1.000	350M
NY-ECS-028	12.8709797	133.1869592	1.000	350M
NY-ECS-029	12.8850070	133.1962721	1.000	350M
NY-ECS-030	12.8990079	133.2056268	1.000	350M
NY-ECS-031	12.9129823	133.2150230	1.000	350M
NY-ECS-032	12.9269300	133.2244608	1.000	350M
NY-ECS-033	12.9408509	133.2339402	1.000	350M
NY-ECS-034	12.9547449	133.2434609	1.000	350M
NY-ECS-035	12.9686119	133.2530230	1.000	350M
NY-ECS-036	12.9824518	133.2626264	1.000	350M

OLCS Fixed Point	Latitude	Longitude	Distance from previous (M)	Method
NY-ECS-037	12.9962645	133.2722710	1.000	350M
NY-ECS-038	13.0100498	133.2819567	1.000	350M
NY-ECS-039	13.0238076	133.2916835	1.000	350M
NY-ECS-040	13.0335371	133.2985989	0.708	350M
NY-ECS-041	13.0411735	133.3040396	0.556	350M
NY-ECS-042	13.0548754	133.3138492	1.000	350M
NY-ECS-043	13.0685496	133.3236997	1.000	350M
NY-ECS-044	13.0821958	133.3335909	1.000	350M
NY-ECS-045	13.0958139	133.3435228	1.000	350M
NY-ECS-046	13.1094039	133.3534953	1.000	350M
NY-ECS-047	13.1229655	133.3635083	1.000	350M
NY-ECS-048	13.1364988	133.3735618	1.000	350M
NY-ECS-049	13.1500036	133.3836556	1.000	350M
NY-ECS-050	13.1634797	133.3937898	1.000	350M
NY-ECS-051	13.1769271	133.4039642	1.000	350M
NY-ECS-052	13.1843972	133.4096430	0.556	350M
NY-ECS-053	13.1975454	133.4196699	0.980	350M
NY-ECS-054	13.2109266	133.4299361	1.000	350M
NY-ECS-055	13.2242787	133.4402422	1.000	350M
NY-ECS-056	13.2376015	133.4505882	1.000	350M
NY-ECS-057	13.2508950	133.4609741	1.000	350M
NY-ECS-058	13.2641591	133.4713996	1.000	350M
NY-ECS-059	13.2773936	133.4818648	1.000	350M
NY-ECS-060	13.2905984	133.4923696	1.000	350M
NY-ECS-061	13.3037734	133.5029138	1.000	350M
NY-ECS-062	13.3169185	133.5134975	1.000	350M
NY-ECS-063	13.3300335	133.5241204	1.000	350M
NY-ECS-064	13.3431184	133.5347826	1.000	350M
NY-ECS-065	13.3561731	133.5454839	1.000	350M
NY-ECS-066	13.3691975	133.5562244	1.000	350M
NY-ECS-067	13.3821913	133.5670038	1.000	350M
NY-ECS-068	13.3951546	133.5778221	1.000	350M
NY-ECS-069	13.4080872	133.5886792	1.000	350M
NY-ECS-070	13.4209890	133.5995750	1.000	350M
NY-ECS-071	13.4338599	133.6105095	1.000	350M
NY-ECS-072	13.4466998	133.6214826	1.000	350M
NY-ECS-073	13.4595085	133.6324941	1.000	350M
NY-ECS-074	13.4722860	133.6435440	1.000	350M
NY-ECS-075	13.4847836	133.6544153	0.980	350M
NY-ECS-076	13.4924922	133.6611320	0.605	350M

OLCS Fixed Point	Latitude	Longitude	Distance from previous (M)	Method
NY-ECS-077	13.5052047	133.6722614	1.000	350M
NY-ECS-078	13.5178856	133.6834290	1.000	350M
NY-ECS-079	13.5305349	133.6946345	1.000	350M
NY-ECS-080	13.5431524	133.7058780	1.000	350M
NY-ECS-081	13.5557379	133.7171594	1.000	350M
NY-ECS-082	13.5682915	133.7284785	1.000	350M
NY-ECS-083	13.5808130	133.7398353	1.000	350M
NY-ECS-084	13.5933022	133.7512297	1.000	350M
NY-ECS-085	13.6057592	133.7626616	1.000	350M
NY-ECS-086	13.6181837	133.7741309	1.000	350M
NY-ECS-087	13.6305756	133.7856375	1.000	350M
NY-ECS-088	13.6429350	133.7971814	1.000	350M
NY-ECS-089	13.6552615	133.8087624	1.000	350M
NY-ECS-090	13.6675553	133.8203804	1.000	350M
NY-ECS-091	13.6798160	133.8320354	1.000	350M
NY-ECS-092	13.6920438	133.8437273	1.000	350M
NY-ECS-093	13.7042383	133.8554559	1.000	350M
NY-ECS-094	13.7163996	133.8672212	1.000	350M
NY-ECS-095	13.7285275	133.8790230	1.000	350M
NY-ECS-096	13.7406219	133.8908614	1.000	350M
NY-ECS-097	13.7526827	133.9027361	1.000	350M
NY-ECS-098	13.7647099	133.9146472	1.000	350M
NY-ECS-099	13.7767032	133.9265944	1.000	350M
NY-ECS-100	13.7886627	133.9385778	1.000	350M
NY-ECS-101	13.8005882	133.9505971	1.000	350M
NY-ECS-102	13.8124796	133.9626524	1.000	350M
NY-ECS-103	13.8243367	133.9747435	1.000	350M
NY-ECS-104	13.8361596	133.9868703	1.000	350M
NY-ECS-105	13.8479481	133.9990328	1.000	350M
NY-ECS-106	13.8597021	134.0112308	1.000	350M
NY-ECS-107	13.8714215	134.0234642	1.000	350M
NY-ECS-108	13.8831061	134.0357329	1.000	350M
NY-ECS-109	13.8947560	134.0480369	1.000	350M
NY-ECS-110	13.9063709	134.0603760	1.000	350M
NY-ECS-111	13.9179509	134.0727501	1.000	350M
NY-ECS-112	13.9294958	134.0851592	1.000	350M
NY-ECS-113	13.9410054	134.0976031	1.000	350M
NY-ECS-114	13.9524798	134.1100817	1.000	350M
NY-ECS-115	13.9639187	134.1225950	1.000	350M
NY-ECS-116	13.9753221	134.1351428	1.000	350M

OLCS Fixed Point	Latitude	Longitude	Distance from previous (M)	Method
NY-ECS-117	13.9866900	134.1477250	1.000	350M
NY-ECS-118	13.9980221	134.1603415	1.000	350M
NY-ECS-119	14.0093185	134.1729923	1.000	350M
NY-ECS-120	14.0205790	134.1856772	1.000	350M
NY-ECS-121	14.0318034	134.1983962	1.000	350M
NY-ECS-122	14.0429918	134.2111490	1.000	350M
NY-ECS-123	14.0541441	134.2239357	1.000	350M
NY-ECS-124	14.0652600	134.2367561	1.000	350M
NY-ECS-125	14.0763396	134.2496100	1.000	350M
NY-ECS-126	14.0830270	134.2574053	0.605	350M
NY-ECS-127	14.0890340	134.2644118	0.544	350M
NY-ECS-128	14.1000524	134.2773221	1.000	350M
NY-ECS-129	14.1110342	134.2902658	1.000	350M
NY-ECS-130	14.1219792	134.3032427	1.000	350M
NY-ECS-131	14.1328874	134.3162528	1.000	350M
NY-ECS-132	14.1437588	134.3292958	1.000	350M
NY-ECS-133	14.1545931	134.3423718	1.000	350M
NY-ECS-134	14.1653903	134.3554805	1.000	350M
NY-ECS-135	14.1761503	134.3686219	1.000	350M
NY-ECS-136	14.1819859	134.3757818	0.544	350M
NY-ECS-137	14.1889710	134.3843672	0.652	350M
NY-ECS-138	14.1996605	134.3975703	1.000	350M
NY-ECS-139	14.2103125	134.4108058	1.000	350M
NY-ECS-140	14.2209270	134.4240736	1.000	350M
NY-ECS-141	14.2315038	134.4373735	1.000	350M
NY-ECS-142	14.2420429	134.4507055	1.000	350M
NY-ECS-143	14.2525441	134.4640694	1.000	350M
NY-ECS-144	14.2630075	134.4774652	1.000	350M
NY-ECS-145	14.2734328	134.4908927	1.000	350M
NY-ECS-146	14.2838201	134.5043518	1.000	350M
NY-ECS-147	14.2941691	134.5178424	1.000	350M
NY-ECS-148	14.3044799	134.5313644	1.000	350M
NY-ECS-149	14.3147523	134.5449177	1.000	350M
NY-ECS-150	14.3249863	134.5585022	1.000	350M
NY-ECS-151	14.3351817	134.5721177	1.000	350M
NY-ECS-152	14.3453385	134.5857642	1.000	350M
NY-ECS-153	14.3554566	134.5994415	1.000	350M
NY-ECS-154	14.3655358	134.6131495	1.000	350M
NY-ECS-155	14.3755762	134.6268882	1.000	350M
NY-ECS-156	14.3855776	134.6406573	1.000	350M

OLCS Fixed Point	Latitude	Longitude	Distance from previous (M)	Method
NY-ECS-157	14.3955399	134.6544568	1.000	350M
NY-ECS-158	14.4054630	134.6682866	1.000	350M
NY-ECS-159	14.4153469	134.6821465	1.000	350M
NY-ECS-160	14.4251915	134.6960365	1.000	350M
NY-ECS-161	14.4349967	134.7099563	1.000	350M
NY-ECS-162	14.4447624	134.7239060	1.000	350M
NY-ECS-163	14.4544885	134.7378854	1.000	350M
NY-ECS-164	14.4608044	134.7470100	0.652	350M
NY-ECS-165	14.4662392	134.7548855	0.562	350M
NY-ECS-166	14.4758821	134.7689268	1.000	350M
NY-ECS-167	14.4854850	134.7829975	1.000	350M
NY-ECS-168	14.4950481	134.7970974	1.000	350M
NY-ECS-169	14.5045711	134.8112264	1.000	350M
NY-ECS-170	14.5140541	134.8253843	1.000	350M
NY-ECS-171	14.5234968	134.8395711	1.000	350M
NY-ECS-172	14.5328994	134.8537867	1.000	350M
NY-ECS-173	14.5422615	134.8680309	1.000	350M
NY-ECS-174	14.5515833	134.8823036	1.000	350M
NY-ECS-175	14.5608645	134.8966047	1.000	350M
NY-ECS-176	14.5701052	134.9109340	1.000	350M
NY-ECS-177	14.5793052	134.9252915	1.000	350M
NY-ECS-178	14.5884645	134.9396770	1.000	350M
NY-ECS-179	14.5975829	134.9540904	1.000	350M
NY-ECS-180	14.6066605	134.9685316	1.000	350M
NY-ECS-181	14.6156971	134.9830005	1.000	350M
NY-ECS-182	14.6246926	134.9974969	1.000	350M
NY-ECS-183	14.6336469	135.0120208	1.000	350M
NY-ECS-184	14.6425601	135.0265719	1.000	350M
NY-ECS-185	14.6514319	135.0411502	1.000	350M
NY-ECS-186	14.6602624	135.0557556	1.000	350M
NY-ECS-187	14.6690515	135.0703879	1.000	350M
NY-ECS-188	14.6777990	135.0850471	1.000	350M
NY-ECS-189	14.6865049	135.0997329	1.000	350M
NY-ECS-190	14.6951691	135.1144452	1.000	350M
NY-ECS-191	14.7037916	135.1291841	1.000	350M
NY-ECS-192	14.7123723	135.1439492	1.000	350M
NY-ECS-193	14.7209110	135.1587405	1.000	350M
NY-ECS-194	14.7294078	135.1735579	1.000	350M
NY-ECS-195	14.7378625	135.1884013	1.000	350M
NY-ECS-196	14.7462751	135.2032704	1.000	350M

OLCS Fixed Point	Latitude	Longitude	Distance from previous (M)	Method
NY-ECS-197	14.7546455	135.2181652	1.000	350M
NY-ECS-198	14.7629736	135.2330857	1.000	350M
NY-ECS-199	14.7712594	135.2480315	1.000	350M
NY-ECS-200	14.7795028	135.2630027	1.000	350M
NY-ECS-201	14.7877037	135.2779990	1.000	350M
NY-ECS-202	14.7958620	135.2930204	1.000	350M
NY-ECS-203	14.8039777	135.3080668	1.000	350M
NY-ECS-204	14.8120506	135.3231379	1.000	350M
NY-ECS-205	14.8200808	135.3382338	1.000	350M
NY-ECS-206	14.8280682	135.3533541	1.000	350M
NY-ECS-207	14.8360126	135.3684989	1.000	350M
NY-ECS-208	14.8439141	135.3836680	1.000	350M
NY-ECS-209	14.8517725	135.3988613	1.000	350M
NY-ECS-210	14.8595878	135.4140786	1.000	350M
NY-ECS-211	14.8673599	135.4293198	1.000	350M
NY-ECS-212	14.8750887	135.4445848	1.000	350M
NY-ECS-213	14.8827743	135.4598734	1.000	350M
NY-ECS-214	14.8904164	135.4751856	1.000	350M
NY-ECS-215	14.8980150	135.4905211	1.000	350M
NY-ECS-216	14.9055702	135.5058799	1.000	350M
NY-ECS-217	14.9130817	135.5212618	1.000	350M
NY-ECS-218	14.9205496	135.5366667	1.000	350M
NY-ECS-219	14.9279738	135.5520945	1.000	350M
NY-ECS-220	14.9353541	135.5675450	1.000	350M
NY-ECS-221	14.9426906	135.5830181	1.000	350M
NY-ECS-222	14.9499832	135.5985137	1.000	350M
NY-ECS-223	14.9572318	135.6140316	1.000	350M
NY-ECS-224	14.9644364	135.6295718	1.000	350M
NY-ECS-225	14.9715969	135.6451339	1.000	350M
NY-ECS-226	14.9787132	135.6607181	1.000	350M
NY-ECS-227	14.9857852	135.6763240	1.000	350M
NY-ECS-228	14.9928130	135.6919516	1.000	350M
NY-ECS-229	14.9997964	135.7076008	1.000	350M
NY-ECS-230	15.0067353	135.7232713	1.000	350M
NY-ECS-231	15.0136298	135.7389632	1.000	350M
NY-ECS-232	15.0204798	135.7546761	1.000	350M
NY-ECS-233	15.0272851	135.7704101	1.000	350M
NY-ECS-234	15.0340458	135.7861649	1.000	350M
NY-ECS-235	15.0407618	135.8019405	1.000	350M
NY-ECS-236	15.0474330	135.8177366	1.000	350M

OLCS Fixed Point	Latitude	Longitude	Distance from previous (M)	Method
NY-ECS-237	15.0540593	135.8335532	1.000	350M
NY-ECS-238	15.0606408	135.8493902	1.000	350M
NY-ECS-239	15.0671773	135.8652473	1.000	350M
NY-ECS-240	15.0736688	135.8811245	1.000	350M
NY-ECS-241	15.0801152	135.8970216	1.000	350M
NY-ECS-242	15.0865165	135.9129384	1.000	350M
NY-ECS-243	15.0928726	135.9288750	1.000	350M
NY-ECS-244	15.0991834	135.9448310	1.000	350M
NY-ECS-245	15.1054490	135.9608064	1.000	350M
NY-ECS-246	15.1116692	135.9768010	1.000	350M
NY-ECS-247	15.1151439	135.9857952	0.562	350M
NY-ECS-248	15.1183638	135.9941635	0.522	350M
NY-ECS-249	15.1244928	136.0101964	1.000	350M
NY-ECS-250	15.1305762	136.0262481	1.000	350M
NY-ECS-251	15.1366141	136.0423184	1.000	350M
NY-ECS-252	15.1426064	136.0584073	1.000	350M
NY-ECS-253	15.1485530	136.0745146	1.000	350M
NY-ECS-254	15.1544539	136.0906402	1.000	350M
NY-ECS-255	15.1603090	136.1067839	1.000	350M
NY-ECS-256	15.1661182	136.1229455	1.000	350M
NY-ECS-257	15.1718816	136.1391250	1.000	350M
NY-ECS-258	15.1775991	136.1553222	1.000	350M
NY-ECS-259	15.1832706	136.1715370	1.000	350M
NY-ECS-260	15.1888960	136.1877692	1.000	350M
NY-ECS-261	15.1944754	136.2040187	1.000	350M
NY-ECS-262	15.2000086	136.2202853	1.000	350M
NY-ECS-263	15.2054957	136.2365689	1.000	350M
NY-ECS-264	15.2109365	136.2528694	1.000	350M
NY-ECS-265	15.2123783	136.2572299	0.267	350M/60M
NY-ECS-266	15.2048912	136.2565636	0.449	60M
NY-ECS-267	15.1965599	136.2557501	0.500	60M
NY-ECS-268	15.1882355	136.2548653	0.500	60M
NY-ECS-269	15.1799184	136.2539091	0.500	60M
NY-ECS-270	15.1716094	136.2528817	0.500	60M
NY-ECS-271	15.1633090	136.2517831	0.500	60M
NY-ECS-272	15.1550178	136.2506134	0.500	60M
NY-ECS-273	15.1467363	136.2493727	0.500	60M
NY-ECS-274	15.1384651	136.2480611	0.500	60M
NY-ECS-275	15.1302048	136.2466788	0.500	60M
NY-ECS-276	15.1219559	136.2452257	0.500	60M

OLCS Fixed Point	Latitude	Longitude	Distance from previous (M)	Method
NY-ECS-277	15.1137191	136.2437020	0.500	60M
NY-ECS-278	15.1054949	136.2421079	0.500	60M
NY-ECS-279	15.0972839	136.2404434	0.500	60M
NY-ECS-280	15.0890866	136.2387087	0.500	60M
NY-ECS-281	15.0809036	136.2369038	0.500	60M
NY-ECS-282	15.0727355	136.2350290	0.500	60M
NY-ECS-283	15.0645828	136.2330844	0.500	60M
NY-ECS-284	15.0564462	136.2310701	0.500	60M
NY-ECS-285	15.0483261	136.2289862	0.500	60M
NY-ECS-286	15.0402231	136.2268329	0.500	60M
NY-ECS-287	15.0321378	136.2246104	0.500	60M
NY-ECS-288	15.0240708	136.2223188	0.500	60M
NY-ECS-289	15.0160226	136.2199584	0.500	60M
NY-ECS-290	15.0079937	136.2175291	0.500	60M
NY-ECS-291	14.9999848	136.2150313	0.500	60M
NY-ECS-292	14.9919963	136.2124652	0.500	60M
NY-ECS-293	14.9840289	136.2098308	0.500	60M
NY-ECS-294	14.9760830	136.2071285	0.500	60M
NY-ECS-295	14.9681593	136.2043583	0.500	60M
NY-ECS-296	14.9602582	136.2015205	0.500	60M
NY-ECS-297	14.9523804	136.1986153	0.500	60M
NY-ECS-298	14.9445263	136.1956429	0.500	60M
NY-ECS-299	14.6502858	136.0822665	18.774	60M
NY-ECS-300	13.6481166	136.1417810	59.971	60M
NY-ECS-301	13.0900231	136.2544071	33.984	60M
NY-ECS-302	13.0597209	137.2781693	59.978	60M
NY-ECS-303	13.8961002	137.8341446	59.606	60M
NY-ECS-304	14.4424880	137.8524061	32.659	60M
NY-ECS-305	14.4508519	137.8527117	0.500	60M
NY-ECS-306	14.4592131	137.8530889	0.500	60M
NY-ECS-307	14.4675709	137.8535376	0.500	60M
NY-ECS-308	14.4759247	137.8540577	0.500	60M
NY-ECS-309	14.4842741	137.8546494	0.500	60M
NY-ECS-310	14.4926183	137.8553124	0.500	60M
NY-ECS-311	14.5009569	137.8560469	0.500	60M
NY-ECS-312	14.5092892	137.8568527	0.500	60M
NY-ECS-313	14.5176146	137.8577298	0.500	60M
NY-ECS-314	14.5259327	137.8586781	0.500	60M
NY-ECS-315	14.6789016	137.8765720	9.198	60M
NY-ECS-316	14.6872115	137.8775918	0.500	60M

OLCS Fixed Point	Latitude	Longitude	Distance from previous (M)	Method
NY-ECS-317	14.6955129	137.8786828	0.500	60M
NY-ECS-318	14.7038052	137.8798448	0.500	60M
NY-ECS-319	14.7120877	137.8810779	0.500	60M
NY-ECS-320	14.7203600	137.8823820	0.500	60M
NY-ECS-321	14.7286213	137.8837569	0.500	60M
NY-ECS-322	14.7368713	137.8852027	0.500	60M
NY-ECS-323	14.7451091	137.8867191	0.500	60M
NY-ECS-324	14.7533344	137.8883061	0.500	60M
NY-ECS-325	14.7615465	137.8899636	0.500	60M
NY-ECS-326	14.7697449	137.8916915	0.500	60M
NY-ECS-327	14.7779290	137.8934897	0.500	60M
NY-ECS-328	14.7860981	137.8953580	0.500	60M
NY-ECS-329	14.7942518	137.8972964	0.500	60M
NY-ECS-330	14.8023895	137.8993047	0.500	60M
NY-ECS-331	14.8105106	137.9013828	0.500	60M
NY-ECS-332	15.0368273	137.9609439	13.957	60M
NY-ECS-333	15.0449313	137.9630932	0.500	60M
NY-ECS-334	15.0530175	137.9653121	0.500	60M
NY-ECS-335	15.0610855	137.9676004	0.500	60M
NY-ECS-336	15.0691346	137.9699580	0.500	60M
NY-ECS-337	15.0771643	137.9723847	0.500	60M
NY-ECS-338	15.0851741	137.9748804	0.500	60M
NY-ECS-339	15.0931634	137.9774448	0.500	60M
NY-ECS-340	15.1011316	137.9800779	0.500	60M
NY-ECS-341	15.1090781	137.9827794	0.500	60M
NY-ECS-342	15.1170025	137.9855492	0.500	60M
NY-ECS-343	15.1249041	137.9883871	0.500	60M
NY-ECS-344	15.1327825	137.9912929	0.500	60M
NY-ECS-345	15.1406370	137.9942663	0.500	60M
NY-ECS-346	15.1484671	137.9973073	0.500	60M
NY-ECS-347	15.1562723	138.0004155	0.500	60M
NY-ECS-348	15.1640520	138.0035909	0.500	60M
NY-ECS-349	15.1718057	138.0068331	0.500	60M
NY-ECS-350	15.1795328	138.0101419	0.500	60M
NY-ECS-351	15.1872329	138.0135172	0.500	60M
NY-ECS-352	15.1949053	138.0169586	0.500	60M
NY-ECS-353	15.2025495	138.0204661	0.500	60M
NY-ECS-354	15.2101650	138.0240392	0.500	60M
NY-ECS-355	15.2177513	138.0276779	0.500	60M
NY-ECS-356	15.2253078	138.0313817	0.500	60M

OLCS Fixed Point	Latitude	Longitude	Distance from previous (M)	Method
NY-ECS-357	15.2328340	138.0351506	0.500	60M
NY-ECS-358	15.2403294	138.0389842	0.500	60M
NY-ECS-359	15.2477934	138.0428822	0.500	60M
NY-ECS-360	15.4304826	138.1398603	12.278	60M
NY-ECS-361	15.4379149	138.1438256	0.500	60M
NY-ECS-362	15.4453148	138.1478548	0.500	60M
NY-ECS-363	15.4526818	138.1519478	0.500	60M
NY-ECS-364	15.4600154	138.1561042	0.500	60M
NY-ECS-365	15.4673150	138.1603238	0.500	60M
NY-ECS-366	15.4745802	138.1646062	0.500	60M
NY-ECS-367	15.4818105	138.1689512	0.500	60M
NY-ECS-368	15.4890053	138.1733585	0.500	60M
NY-ECS-369	15.4961642	138.1778277	0.500	60M
NY-ECS-370	15.5032866	138.1823586	0.500	60M
NY-ECS-371	15.5103720	138.1869509	0.500	60M
NY-ECS-372	15.5174200	138.1916042	0.500	60M
NY-ECS-373	15.5244301	138.1963183	0.500	60M
NY-ECS-374	15.5314017	138.2010927	0.500	60M
NY-ECS-375	15.5383344	138.2059273	0.500	60M
NY-ECS-376	15.5452277	138.2108215	0.500	60M
NY-ECS-377	15.5520811	138.2157752	0.500	60M
NY-ECS-378	15.5588941	138.2207880	0.500	60M
NY-ECS-379	15.5656663	138.2258594	0.500	60M
NY-ECS-380	15.5723971	138.2309892	0.500	60M
NY-ECS-381	15.5790862	138.2361771	0.500	60M
NY-ECS-382	15.5857330	138.2414226	0.500	60M
NY-ECS-383	15.5923371	138.2467253	0.500	60M
NY-ECS-384	15.5988980	138.2520851	0.500	60M
NY-ECS-385	15.6054152	138.2575014	0.500	60M
NY-ECS-386	15.6118884	138.2629738	0.500	60M
NY-ECS-387	15.6183170	138.2685021	0.500	60M
NY-ECS-388	15.6247005	138.2740858	0.500	60M
NY-ECS-389	15.6310386	138.2797245	0.500	60M
NY-ECS-390	15.6373308	138.2854179	0.500	60M
NY-ECS-391	15.6435767	138.2911656	0.500	60M
NY-ECS-392	15.6497758	138.2969671	0.500	60M
NY-ECS-393	15.6559277	138.3028221	0.500	60M
NY-ECS-394	15.6620319	138.3087301	0.500	60M
NY-ECS-395	15.6680881	138.3146907	0.500	60M
NY-ECS-396	15.7955274	138.4417489	10.585	60M

OLCS Fixed Point	Latitude	Longitude	Distance from previous (M)	Method
NY-ECS-397	15.8015351	138.4477653	0.500	60M
NY-ECS-398	15.8074940	138.4538336	0.500	60M
NY-ECS-399	15.8134035	138.4599533	0.500	60M
NY-ECS-400	15.8192633	138.4661240	0.500	60M
NY-ECS-401	15.8250729	138.4723453	0.500	60M
NY-ECS-402	15.8253970	138.4726982	0.028	60M/350M
NY-ECS-403	15.8301162	138.4957132	1.361	350M
NY-ECS-404	15.8335235	138.5126396	1.000	350M
NY-ECS-405	15.8368829	138.5295765	1.000	350M
NY-ECS-406	15.8401942	138.5465237	1.000	350M
NY-ECS-407	15.8434575	138.5634812	1.000	350M
NY-ECS-408	15.8466727	138.5804487	1.000	350M
NY-ECS-409	15.8498398	138.5974262	1.000	350M
NY-ECS-410	15.8529588	138.6144135	1.000	350M
NY-ECS-411	15.8560296	138.6314103	1.000	350M
NY-ECS-412	15.8590522	138.6484167	1.000	350M
NY-ECS-413	15.8620266	138.6654323	1.000	350M
NY-ECS-414	15.8649527	138.6824571	1.000	350M
NY-ECS-415	15.8678306	138.6994910	1.000	350M
NY-ECS-416	15.8706602	138.7165337	1.000	350M
NY-ECS-417	15.8734415	138.7335852	1.000	350M
NY-ECS-418	15.8761744	138.7506452	1.000	350M
NY-ECS-419	15.8788589	138.7677136	1.000	350M
NY-ECS-420	15.8814951	138.7847904	1.000	350M
NY-ECS-421	15.8840828	138.8018752	1.000	350M
NY-ECS-422	15.8866221	138.8189680	1.000	350M
NY-ECS-423	15.8891129	138.8360687	1.000	350M
NY-ECS-424	15.8915553	138.8531770	1.000	350M
NY-ECS-425	15.8939491	138.8702928	1.000	350M
NY-ECS-426	15.8962944	138.8874161	1.000	350M
NY-ECS-427	15.8985912	138.9045465	1.000	350M
NY-ECS-428	15.9008393	138.9216840	1.000	350M
NY-ECS-429	15.9030389	138.9388284	1.000	350M
NY-ECS-430	15.9051899	138.9559796	1.000	350M
NY-ECS-431	15.9072923	138.9731374	1.000	350M
NY-ECS-432	15.9093460	138.9903017	1.000	350M
NY-ECS-433	15.9113510	139.0074723	1.000	350M
NY-ECS-434	15.9133074	139.0246491	1.000	350M
NY-ECS-435	15.9152151	139.0418319	1.000	350M
NY-ECS-436	15.9170740	139.0590205	1.000	350M

OLCS Fixed Point	Latitude	Longitude	Distance from previous (M)	Method
NY-ECS-437	15.9188842	139.0762148	1.000	350M
NY-ECS-438	15.9206457	139.0934147	1.000	350M
NY-ECS-439	15.9223584	139.1106200	1.000	350M
NY-ECS-440	15.9240223	139.1278306	1.000	350M
NY-ECS-441	15.9256374	139.1450463	1.000	350M
NY-ECS-442	15.9272037	139.1622669	1.000	350M
NY-ECS-443	15.9287212	139.1794923	1.000	350M
NY-ECS-444	15.9301898	139.1967224	1.000	350M
NY-ECS-445	15.9316096	139.2139570	1.000	350M
NY-ECS-446	15.9329806	139.2311959	1.000	350M
NY-ECS-447	15.9343026	139.2484390	1.000	350M
NY-ECS-448	15.9355758	139.2656861	1.000	350M
NY-ECS-449	15.9368000	139.2829372	1.000	350M
NY-ECS-450	15.9379754	139.3001919	1.000	350M
NY-ECS-451	15.9391018	139.3174503	1.000	350M
NY-ECS-452	15.9401793	139.3347120	1.000	350M
NY-ECS-453	15.9412079	139.3519771	1.000	350M
NY-ECS-454	15.9421875	139.3692453	1.000	350M
NY-ECS-455	15.9431182	139.3865165	1.000	350M
NY-ECS-456	15.9439999	139.4037904	1.000	350M
NY-ECS-457	15.9448326	139.4210671	1.000	350M
NY-ECS-458	15.9456163	139.4383463	1.000	350M
NY-ECS-459	15.9463511	139.4556278	1.000	350M
NY-ECS-460	15.9470368	139.4729115	1.000	350M
NY-ECS-461	15.9476736	139.4901973	1.000	350M
NY-ECS-462	15.9482613	139.5074851	1.000	350M
NY-ECS-463	15.9488001	139.5247745	1.000	350M
NY-ECS-464	15.9492898	139.5420656	1.000	350M
NY-ECS-465	15.9497305	139.5593581	1.000	350M
NY-ECS-466	15.9501222	139.5766519	1.000	350M
NY-ECS-467	15.9504648	139.5939469	1.000	350M
NY-ECS-468	15.9507584	139.6112428	1.000	350M
NY-ECS-469	15.9510030	139.6285396	1.000	350M
NY-ECS-470	15.9511985	139.6458371	1.000	350M
NY-ECS-471	15.9513451	139.6631351	1.000	350M
NY-ECS-472	15.9514425	139.6804334	1.000	350M
NY-ECS-473	15.9514909	139.6977321	1.000	350M
NY-ECS-474	15.9514903	139.7150307	1.000	350M
NY-ECS-475	15.9514407	139.7323293	1.000	350M
NY-ECS-476	15.9513420	139.7496277	1.000	350M

OLCS Fixed Point	Latitude	Longitude	Distance from previous (M)	Method
NY-ECS-477	15.9511942	139.7669257	1.000	350M
NY-ECS-478	15.9509975	139.7842232	1.000	350M
NY-ECS-479	15.9507516	139.8015199	1.000	350M
NY-ECS-480	15.9504568	139.8188158	1.000	350M
NY-ECS-481	15.9501129	139.8361108	1.000	350M
NY-ECS-482	15.9497200	139.8534046	1.000	350M
NY-ECS-483	15.9492781	139.8706970	1.000	350M
NY-ECS-484	15.9487871	139.8879881	1.000	350M
NY-ECS-485	15.9482472	139.9052775	1.000	350M
NY-ECS-486	15.9476582	139.9225652	1.000	350M
NY-ECS-487	15.9470202	139.9398509	1.000	350M
NY-ECS-488	15.9463332	139.9571346	1.000	350M
NY-ECS-489	15.9455972	139.9744161	1.000	350M
NY-ECS-490	15.9448123	139.9916952	1.000	350M
NY-ECS-491	15.9439783	140.0089718	1.000	350M
NY-ECS-492	15.9430954	140.0262457	1.000	350M
NY-ECS-493	15.9421635	140.0435168	1.000	350M
NY-ECS-494	15.9411826	140.0607849	1.000	350M
NY-ECS-495	15.9401528	140.0780499	1.000	350M
NY-ECS-496	15.9390741	140.0953116	1.000	350M
NY-ECS-497	15.9379464	140.1125698	1.000	350M
NY-ECS-498	15.9367699	140.1298245	1.000	350M
NY-ECS-499	15.9355444	140.1470754	1.000	350M
NY-ECS-500	15.9342700	140.1643225	1.000	350M
NY-ECS-501	15.9329467	140.1815655	1.000	350M
NY-ECS-502	15.9315745	140.1988043	1.000	350M
NY-ECS-503	15.9301535	140.2160387	1.000	350M
NY-ECS-504	15.9286836	140.2332687	1.000	350M
NY-ECS-505	15.9271649	140.2504940	1.000	350M
NY-ECS-506	15.9255974	140.2677145	1.000	350M
NY-ECS-507	15.9239810	140.2849300	1.000	350M
NY-ECS-508	15.9223159	140.3021405	1.000	350M
NY-ECS-509	15.9206020	140.3193456	1.000	350M
NY-ECS-510	15.9188393	140.3365454	1.000	350M
NY-ECS-511	15.9170279	140.3537396	1.000	350M
NY-ECS-512	15.9151677	140.3709281	1.000	350M
NY-ECS-513	15.9132588	140.3881107	1.000	350M
NY-ECS-514	15.9122568	140.3969043	0.512	350M/60M
NY-ECS-515	15.9090544	140.4008573	0.298	60M
NY-ECS-516	15.9036293	140.4074413	0.500	60M

OLCS Fixed Point	Latitude	Longitude	Distance from previous (M)	Method
NY-ECS-517	15.8981512	140.4139780	0.500	60M
NY-ECS-518	15.8926203	140.4204670	0.500	60M
NY-ECS-519	15.8870370	140.4269077	0.500	60M
NY-ECS-520	15.8814019	140.4332999	0.500	60M
NY-ECS-521	15.8757152	140.4396429	0.500	60M
NY-ECS-522	15.8699773	140.4459363	0.500	60M
NY-ECS-523	15.8641887	140.4521798	0.500	60M
NY-ECS-524	15.8583498	140.4583729	0.500	60M
NY-ECS-525	15.8524609	140.4645152	0.500	60M
NY-ECS-526	15.8465226	140.4706062	0.500	60M
NY-ECS-527	15.8405351	140.4766455	0.500	60M
NY-ECS-528	15.8344990	140.4826327	0.500	60M
NY-ECS-529	15.8284146	140.4885674	0.500	60M
NY-ECS-530	15.8222824	140.4944492	0.500	60M
NY-ECS-531	15.8161028	140.5002776	0.500	60M
NY-ECS-532	15.8098763	140.5060523	0.500	60M
NY-ECS-533	15.8036032	140.5117728	0.500	60M
NY-ECS-534	15.7972841	140.5174388	0.500	60M
NY-ECS-535	15.7909193	140.5230499	0.500	60M
NY-ECS-536	15.7845093	140.5286056	0.500	60M
NY-ECS-537	15.7780545	140.5341057	0.500	60M
NY-ECS-538	15.7715555	140.5395497	0.500	60M
NY-ECS-539	15.7650126	140.5449372	0.500	60M
NY-ECS-540	15.7584264	140.5502679	0.500	60M
NY-ECS-541	15.7517972	140.5555413	0.500	60M
NY-ECS-542	15.7451256	140.5607573	0.500	60M
NY-ECS-543	15.7384120	140.5659153	0.500	60M
NY-ECS-544	15.7316568	140.5710150	0.500	60M
NY-ECS-545	15.7248607	140.5760561	0.500	60M
NY-ECS-546	15.7180239	140.5810382	0.500	60M
NY-ECS-547	15.7111471	140.5859610	0.500	60M
NY-ECS-548	15.7042307	140.5908242	0.500	60M
NY-ECS-549	15.6972751	140.5956274	0.500	60M
NY-ECS-550	15.6902809	140.6003702	0.500	60M
NY-ECS-551	15.6832486	140.6050524	0.500	60M
NY-ECS-552	15.6761786	140.6096736	0.500	60M
NY-ECS-553	15.6690715	140.6142336	0.500	60M
NY-ECS-554	15.6619276	140.6187319	0.500	60M
NY-ECS-555	15.6547477	140.6231684	0.500	60M
NY-ECS-556	15.6475320	140.6275426	0.500	60M

OLCS Fixed Point	Latitude	Longitude	Distance from previous (M)	Method
NY-ECS-557	15.6402812	140.6318543	0.500	60M
NY-ECS-558	15.6329958	140.6361033	0.500	60M
NY-ECS-559	15.6256762	140.6402891	0.500	60M
NY-ECS-560	15.6183230	140.6444116	0.500	60M
NY-ECS-561	15.6109367	140.6484704	0.500	60M
NY-ECS-562	15.6035178	140.6524652	0.500	60M
NY-ECS-563	15.5960668	140.6563959	0.500	60M
NY-ECS-564	15.5885842	140.6602621	0.500	60M
NY-ECS-565	15.5810707	140.6640635	0.500	60M
NY-ECS-566	15.5735266	140.6677999	0.500	60M
NY-ECS-567	15.5659525	140.6714711	0.500	60M
NY-ECS-568	15.5583489	140.6750768	0.500	60M
NY-ECS-569	15.5507165	140.6786168	0.500	60M
NY-ECS-570	15.5430556	140.6820907	0.500	60M
NY-ECS-571	15.5353669	140.6854985	0.500	60M
NY-ECS-572	15.5276509	140.6888398	0.500	60M
NY-ECS-573	15.5199081	140.6921144	0.500	60M
NY-ECS-574	15.5121391	140.6953221	0.500	60M
NY-ECS-575	15.5043444	140.6984627	0.500	60M
NY-ECS-576	15.4965245	140.7015360	0.500	60M
NY-ECS-577	15.4886800	140.7045417	0.500	60M
NY-ECS-578	15.4808115	140.7074797	0.500	60M
NY-ECS-579	15.4729194	140.7103498	0.500	60M
NY-ECS-580	15.4650044	140.7131518	0.500	60M
NY-ECS-581	15.4570670	140.7158854	0.500	60M
NY-ECS-582	15.4491077	140.7185505	0.500	60M
NY-ECS-583	15.4411271	140.7211470	0.500	60M
NY-ECS-584	15.4331258	140.7236747	0.500	60M
NY-ECS-585	15.4251043	140.7261333	0.500	60M
NY-ECS-586	15.4170632	140.7285227	0.500	60M
NY-ECS-587	15.4090030	140.7308428	0.500	60M
NY-ECS-588	15.4009243	140.7330935	0.500	60M
NY-ECS-589	15.3928277	140.7352744	0.500	60M
NY-ECS-590	15.3847137	140.7373856	0.500	60M
NY-ECS-591	15.3765828	140.7394269	0.500	60M
NY-ECS-592	15.3684358	140.7413982	0.500	60M
NY-ECS-593	15.3602730	140.7432992	0.500	60M
NY-ECS-594	15.3520952	140.7451300	0.500	60M
NY-ECS-595	15.3439028	140.7468903	0.500	60M
NY-ECS-596	15.3356964	140.7485800	0.500	60M

OLCS Fixed Point	Latitude	Longitude	Distance from previous (M)	Method
NY-ECS-597	15.3274767	140.7501992	0.500	60M
NY-ECS-598	15.3192441	140.7517475	0.500	60M
NY-ECS-599	15.3109993	140.7532250	0.500	60M
NY-ECS-600	15.3027428	140.7546316	0.500	60M
NY-ECS-601	15.2944752	140.7559672	0.500	60M
NY-ECS-602	15.2861970	140.7572316	0.500	60M
NY-ECS-603	15.2779090	140.7584248	0.500	60M
NY-ECS-604	15.2696115	140.7595467	0.500	60M
NY-ECS-605	15.2613052	140.7605973	0.500	60M
NY-ECS-606	15.2529908	140.7615765	0.500	60M
NY-ECS-607	15.2446686	140.7624842	0.500	60M
NY-ECS-608	15.2363395	140.7633204	0.500	60M
NY-ECS-609	15.2280038	140.7640850	0.500	60M
NY-ECS-610	15.2196622	140.7647779	0.500	60M
NY-ECS-611	15.2113153	140.7653993	0.500	60M
NY-ECS-612	15.2029637	140.7659489	0.500	60M
NY-ECS-613	15.1946079	140.7664268	0.500	60M
NY-ECS-614	15.1862485	140.7668330	0.500	60M
NY-ECS-615	15.1778861	140.7671674	0.500	60M
NY-ECS-616	15.0368454	140.7720697	8.431	60M
NY-ECS-617	15.0284805	140.7723325	0.500	60M
NY-ECS-618	15.0201138	140.7725235	0.500	60M
NY-ECS-619	15.0117457	140.7726428	0.500	60M
NY-ECS-620	15.0033771	140.7726904	0.500	60M
NY-ECS-621	14.9950083	140.7726662	0.500	60M
NY-ECS-622	14.9866399	140.7725703	0.500	60M
NY-ECS-623	14.9782727	140.7724026	0.500	60M
NY-ECS-624	14.9699071	140.7721633	0.500	60M
NY-ECS-625	14.9615437	140.7718523	0.500	60M
NY-ECS-626	14.9531831	140.7714696	0.500	60M
NY-ECS-627	14.9448259	140.7710154	0.500	60M
NY-ECS-628	14.9364726	140.7704896	0.500	60M
NY-ECS-629	14.9281239	140.7698922	0.500	60M
NY-ECS-630	14.9197803	140.7692234	0.500	60M
NY-ECS-631	14.9114424	140.7684831	0.500	60M
NY-ECS-632	14.9031108	140.7676715	0.500	60M
NY-ECS-633	14.8947861	140.7667886	0.500	60M
NY-ECS-634	14.8864688	140.7658344	0.500	60M
NY-ECS-635	14.8781595	140.7648092	0.500	60M
NY-ECS-636	14.8698588	140.7637128	0.500	60M

OLCS Fixed Point	Latitude	Longitude	Distance from previous (M)	Method
NY-ECS-637	14.8615672	140.7625454	0.500	60M
NY-ECS-638	14.8532854	140.7613072	0.500	60M
NY-ECS-639	14.8450139	140.7599981	0.500	60M
NY-ECS-640	14.8367532	140.7586184	0.500	60M
NY-ECS-641	14.8285041	140.7571680	0.500	60M
NY-ECS-642	14.8202669	140.7556471	0.500	60M
NY-ECS-643	14.8120424	140.7540559	0.500	60M
NY-ECS-644	14.8038310	140.7523944	0.500	60M
NY-ECS-645	14.7956333	140.7506627	0.500	60M
NY-ECS-646	14.7874500	140.7488610	0.500	60M
NY-ECS-647	14.7792815	140.7469895	0.500	60M
NY-ECS-648	14.7711285	140.7450482	0.500	60M
NY-ECS-649	14.7629914	140.7430373	0.500	60M
NY-ECS-650	14.7548710	140.7409570	0.500	60M
NY-ECS-651	14.7467676	140.7388073	0.500	60M
NY-ECS-652	14.7386819	140.7365885	0.500	60M
NY-ECS-653	14.7306145	140.7343007	0.500	60M
NY-ECS-654	14.7225659	140.7319441	0.500	60M
NY-ECS-655	14.7145366	140.7295188	0.500	60M
NY-ECS-656	14.7065273	140.7270251	0.500	60M
NY-ECS-657	14.6985384	140.7244631	0.500	60M
NY-ECS-658	14.6905706	140.7218329	0.500	60M
NY-ECS-659	14.6826243	140.7191349	0.500	60M
NY-ECS-660	14.6747001	140.7163691	0.500	60M
NY-ECS-661	14.6667986	140.7135358	0.500	60M
NY-ECS-662	14.6589204	140.7106351	0.500	60M
NY-ECS-663	14.6510659	140.7076674	0.500	60M
NY-ECS-664	14.6432356	140.7046327	0.500	60M
NY-ECS-665	14.6354303	140.7015314	0.500	60M
NY-ECS-666	13.8893122	140.4020236	47.869	60M
NY-ECS-667	13.1522804	141.0993111	59.998	200M

Table listing the points defining the outer limits of the Extended Continental Shelf of the Federated States of Micronesia in the Eauripik Rise region (Decimal Degrees, WGS 84)