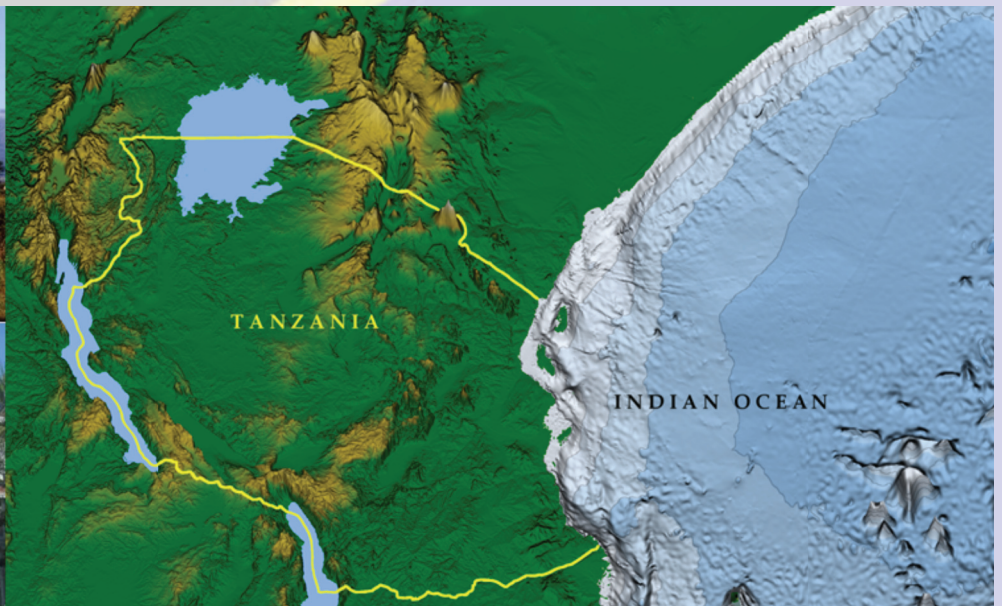


UNITED REPUBLIC OF TANZANIA

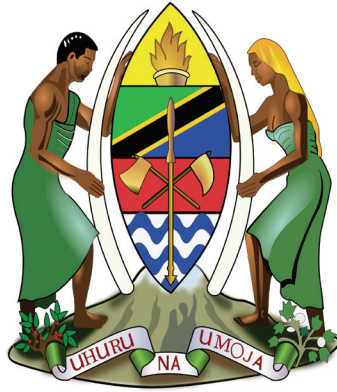


Partial Submission
on the
Continental Shelf beyond 200 Nautical Miles
to the
Commission on the Limits of the Continental Shelf
Pursuant to Part VI of and Annex II to the United Nations
Convention on the Law of the Sea 1982

Executive Summary



UNITED REPUBLIC OF TANZANIA



Partial Submission
on the
Continental Shelf beyond 200 Nautical Miles
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Nations Convention on the Law of the Sea 1982

Executive Summary

URT-DOC-001_18-01-2012

Preface

This Submission by the United Republic of Tanzania (“Tanzania” or “URT”) was prepared under the Tanzania Continental Shelf Delineation (TCSD) project.

The preparation of the Submission was undertaken under the guidance of National Steering and Technical Committees chaired by Permanent Secretary of the Ministry of Lands, Housing and Human Settlements Development (MLHHSD) and Director of Surveys and Mapping of Ministry of Lands, Housing and Energy (MLHE) of Zanzibar, respectively. The technical part of the project was carried out by a Technical Core Group (TCG).

The following Ministries and Institutions were involved in the preparation of the Submission:

- Ministry of Lands, Housing and Human Settlements Development
- Ministry of Foreign Affairs and International Cooperation
- Ministry of Energy and Minerals
- Ministry of Communication, Science and Technology
- Ministry of Lands, Housing and Energy (Zanzibar)
- Attorney General’s Chambers
- Tanzania Petroleum Development Corporation
- Institute of Marine Science - University of Dar es Salaam
- Ardhi University-Dar es Salaam

The above Ministries and Institutions provided experts who formed the Technical Core Group, which had the main responsibility of preparing the Submission. The following are the members of the TCG.

Professor Evelyne I. Mbede - Geologist,
Director of Science and Technology,
Ministry of Communication, Science and Technology
Chairperson TCG

Mr. Pandu S. Makame - Lawyer,
State Attorney,
Zanzibar - Vice President's Office
Co - Chairperson TCG

Mr. Justo N. Lyamuya - Hydrographer,
Assistant Director - Hydrographic Surveys,
Ministry of Lands, Housing and Human Settlements Development
Secretary TCG

Mr. Abdon D. Makishe - Geophysicist,
Senior Principal Geophysicist,
Tanzania Petroleum Development Corporation,
Deputy Secretary TCG

Mr. John A. Msemwa - Geodesist,
Assistant Director - Topographic and Geodetic Surveys,
Ministry of Lands, Housing and Human Settlements Development,
Member TCG

Mr. Kelvin R. Komba - Geophysicist,
Senior Principal Geophysicist,
Tanzania Petroleum Development Corporation,
Member TCG

Mr. Omary S. Mtunguja - Geophysicist,
Senior Principal Geophysicist,
Tanzania Petroleum Development Corporation,
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Professor Desiderius C. P. Masalu - Marine Geophysicist,
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Mr. Adam I. Zuberi – Geologist,
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Mr. Issa A. Hemed – Hydrographer,
Lecturer,
Ardhi University - Dar es Salaam,
Member TCG

Mr. Donald L. Chidowu – Lawyer,
Principal State Attorney,
Attorney General’s Chambers,
Member TCG

Mr. Richard A. Maridadi – Lawyer,
Legal Officer,
Ministry of Foreign Affairs and International Cooperation,
Member TCG

In preparing this Submission, Tanzania consulted with the Republics of Kenya and Seychelles on maritime boundary delimitation issues. The project received scientific data such as bathymetric, geological, geophysical and well data from the Tanzania Petroleum Development Corporation (TPDC), MHHLS, MLHE, WesternGeco of UK and One Stop Data Shop (OSDS) of UNEP/GRID-Arendal. Technical support was received from UNEP/GRID-Arendal and Geocap AS of Norway, GX Technology of Houston Texas, USA and Bundesanstalt für Geowissenschaften und Rohstoffe (BGR) of Germany. The project received financing from the Government of Tanzania and financial support from the Royal Norwegian Government.

Professor Lawrence Awosika current member of the Commission on the Limits of the Continental Shelf (CLCS) provided technical advice. Mr. Oeivind Loenne from GRID-Arendal of Norway also provided technical advice as consultant. Mr. Harald Sund and Mr. Erlend Kvinnesland from Geocap AS of Norway provided all the necessary support on the usage of the Geocap software.

Table of Contents

Preface.....	iii
ANNEXES.....	vii
FIGURES AND MAPS	vii
1. Introduction.....	1
2. Maps and Coordinates.....	4
3. Provisions of Article 76 Invoked	5
4. Advisory Assistance.....	7
5. Maritime Delimitations and absence of disputes	7
6. Outer Limit of the Extended Continental Shelf of Tanzania	8
Annex 1	9
Annex 2.....	10

ANNEXES

Annex 1: Table listing the points defining the outer limit of the extended continental shelf of the United Republic of Tanzania (Decimal degrees),

URT-ANN-001_18-01-2012

Annex 2: Table listing the points defining the outer limit of the extended continental shelf of the United Republic of Tanzania (Degrees, Minutes and Seconds),

URT-ANN-002_18-01-2012

FIGURES AND MAPS

Figure 1: Map of the United Republic of Tanzania.

Figure 2: Map showing the outer limit of the extended continental shelf of Tanzania.

Map 1: Outer limit of the extended continental shelf of the United Republic of Tanzania.

URT- MAP-001_18-01-2012¹

¹ A1 size Executive Summary map supplied separately

1. Introduction

- 1.1 This Executive Summary forms part of the Submission by the United Republic of Tanzania (Tanzania) 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).
- 1.2 Tanzania is an independent, sovereign, coastal State located in the Eastern Africa region. It is bound between latitudes 1° 00' and 11° 45' south of the Equator and longitudes 29° 15' and 41° 00' east of the Greenwich meridian. Tanzania is bordered by the Republics of Kenya and Uganda to the north, Rwanda and Burundi to the northwest, Democratic Republic of Congo to the west, Republic of Zambia to the southwest, Republic of Malawi and the Republic of Mozambique to the south. Tanzania also shares the waters of the Indian Ocean with the Republics of the Seychelles and Comoros to the east and southeast, respectively.
- 1.3 Tanzania has an estimated population of 44,485,000² and covers a total area of 948,740 square kilometers with land covering approximately 889,460 square kilometers. The coastline of Tanzania extends approximately 1,400 km in a north-south direction from the Tanzania-Kenya border to the Tanzania-Mozambique border to the south.

² National Bureau of Statistics 2010 projections based on 2002 Census.

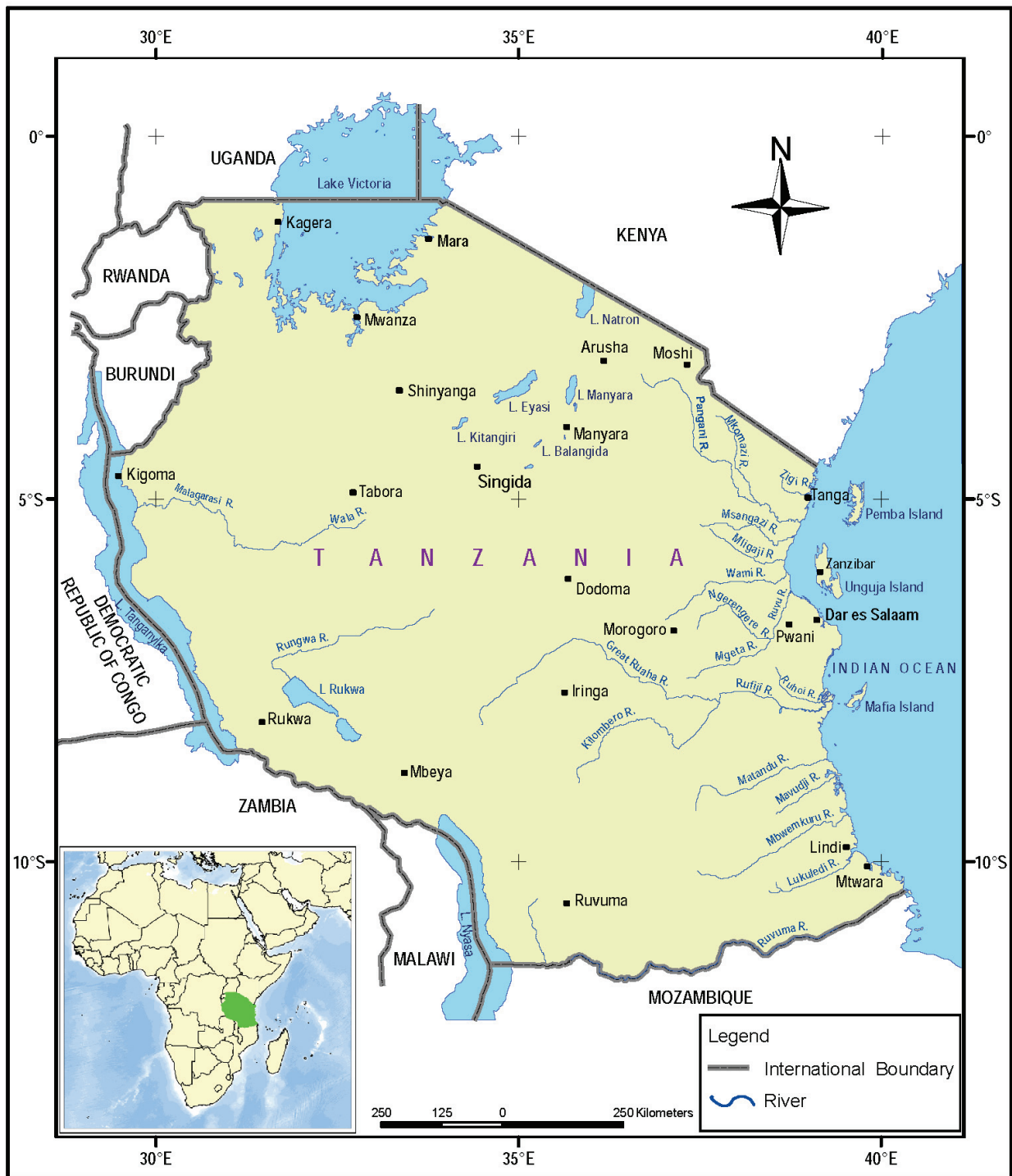


Figure 1: Map of the United Republic of Tanzania.

- 1.4 Tanzania is a Contracting Party to the Convention, having signed it on 10th December 1982 and later ratified it on 30th September 1985 (see www.un.org/Depts/los/reference_files/status2010.pdf). The Tanzania maritime zones of territorial waters and the economic zone have been defined in the *Territorial Sea and Exclusive Economic Zone Act, Cap 238 R.E. 2002 as amended by Act No.17 of 2009* (www.un.org/Depts/los/legislationandtreaties/pdf/TZA_1989_Act.pdf). Tanzania also submitted a Preliminary Information Document (PID) indicative of the outer limit of the continental shelf pursuant to the decision of the Eighteenth Meeting of States Parties to the Convention (SPLOS/183) on 7th May 2009.
- 1.5 As provided for under paragraph 1 of Article 76, Tanzania has a continental shelf comprising the seabed and subsoil of the submarine areas that extend beyond its territorial sea throughout the natural prolongation of its 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 nautical miles (M) from the baselines, from which the breadth of the territorial sea of Tanzania is measured (territorial sea baselines) where the outer edge of the continental margin does not extend beyond that distance.
- 1.6 Paragraphs 4 to 6 of Article 76 set out a number of provisions by which a coastal State may establish the outer edge of its continental margin, and its legal continental shelf, wherever that margin extends beyond 200M from its territorial sea baselines.
- 1.7 As provided for 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 200M from its territorial sea baselines by straight lines not exceeding 60M in length, connecting fixed points ("Article 76 fixed points") defined by coordinates of latitude and longitude.

- 1.8 The present Submission is made by Tanzania in support of the establishment of the outer limit of the continental shelf where it extends beyond 200M from the territorial sea baselines.
- 1.9 Tanzania has for the purposes of preparing this Submission, applied the relevant provisions of Article 76 of the Convention, and in accordance 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 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).
- 1.10 The present Submission consists of three separate parts, as specified in Annex III to the Rules of Procedure and in paragraphs 9.1.3 to 9.1.6 of the Guidelines. The Submission is therefore organized and presented as follows:
- (a) Executive Summary;
 - (b) Main Body (containing analytical and descriptive part); and
 - (c) Supporting scientific and technical data.

2. Maps and Coordinates

- 2.1 Figure 2 depicts the outer limit of the extended continental shelf of Tanzania by reference to the fixed points required in paragraph 7 of Article 76 (“Article 76 fixed points”).
- 2.2 A list of the coordinates of “Article 76 fixed points” that define the outer limit of the extended continental shelf of Tanzania are supplied in two annexes to this Executive Summary. Annex 1 (URT-ANN-001_18-01-2012) lists the fixed points defining the outer limit of the extended continental shelf in decimal degrees. Annex 2 (URT-ANN-002_18-01-2012), lists the fixed points defining the outer limit of the extended continental shelf in degrees, minutes and seconds.

3. Provisions of Article 76 Invoked

- 3.1 Paragraphs 4 to 6 of Article 76 set out specific formulae and constraints by which a coastal State such as Tanzania may establish the outer edge of its continental margin, and its legal continental shelf, wherever that margin extends beyond 200M from the territorial sea baselines.
- 3.2 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 200M from the territorial sea baselines by straight lines not exceeding 60M in length, connecting fixed points defined by coordinates of latitude and longitude.
- 3.3 Tanzania applied the provisions of paragraph 4(a)(ii) of article 76 of the Convention, to pass the test of appurtenance using formula FOS+60M.
- 3.4 Tanzania invokes paragraphs 1, 2, 3, 4(a)(ii), 5 and 7 of Article 76 of the Convention in support of the determination of the outer limits of the extended continental shelf (ECS) included in the Submission, as outlined in Section 2 of this Executive Summary.

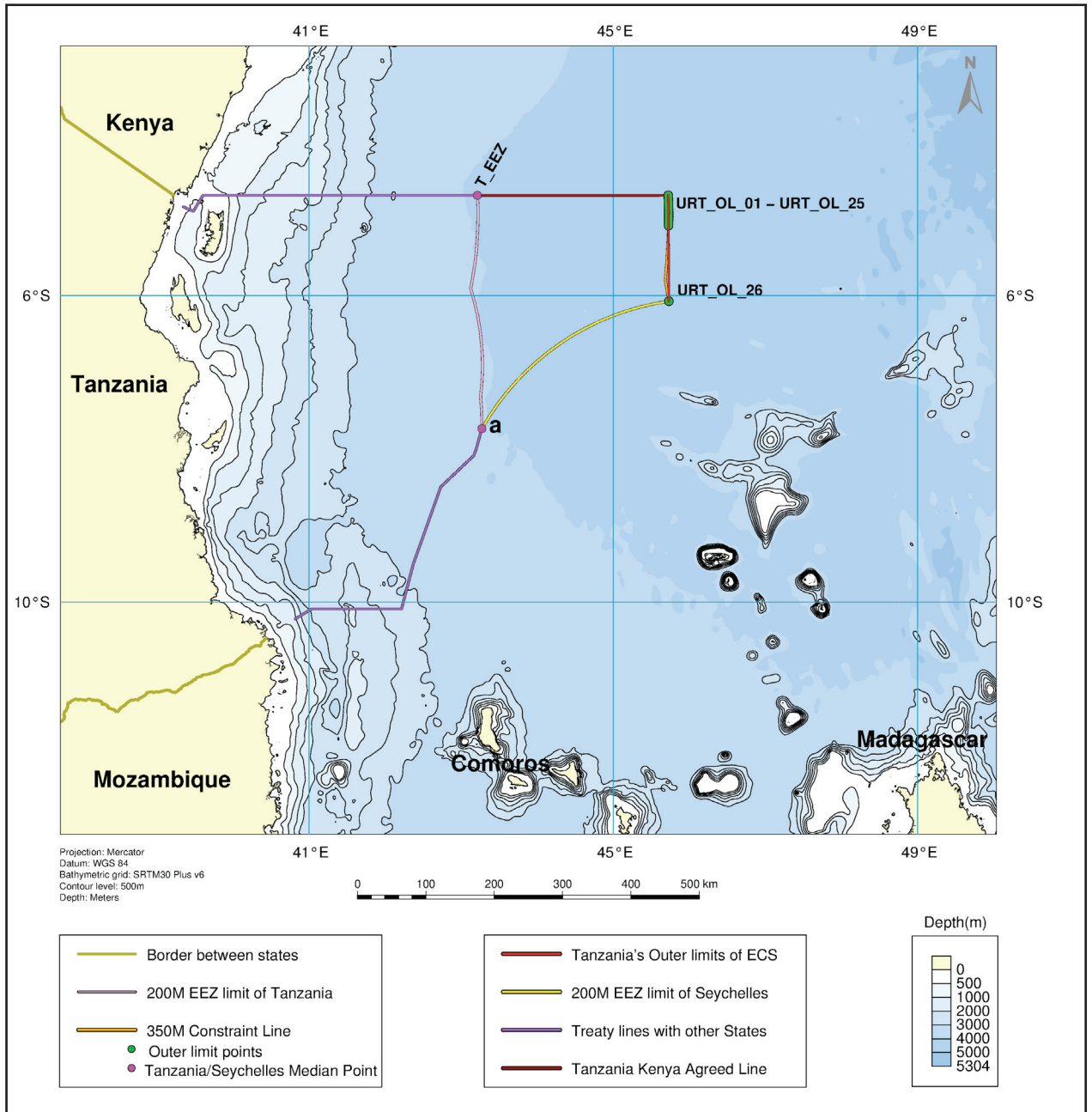


Figure 2: Map showing the outer limit of the extended continental shelf of Tanzania.

4. Advisory Assistance

- 4.1 Tanzania was assisted by Professor Lawrence Awosika a member of the Commission, in preparation of this Submission.
- 4.2 Other advisers and organizations that provided legal or technical assistance to Tanzania during the preparation of the Submission are mentioned in the Preface to this Executive Summary.

5. Maritime Delimitations and absence of disputes

- 5.1 Tanzania has overlapping maritime claims with the adjacent coastal States of the Republic of Kenya to the north and with the Republic of Seychelles to the east.
- 5.2 An agreement is in place between Tanzania and Kenya concerning the delimitation of maritime boundaries between the two countries through an *Exchange of Notes between the United Republic of Tanzania and the Republic of Kenya concerning the Delimitation of the Territorial Waters Boundary between the Two States*, which was established by an exchange of notes on 17th December 1975 and 9th July 1976 respectively. The ('Exchange of Notes') is viewable on-line at www.un.org/Depts/los/legislationandtreaties/pdf/treaties/TZA-KEN1976TW.pdf. Through the Exchange of Notes, the two countries have agreed to a single line delimiting the Territorial Sea and Exclusive Economic Zone (EEZ) boundary between the two countries.

In addition, the two countries have an agreement signed on 23rd June 2009, to extend the maritime boundary from the 1976 agreement to the outermost limits of continental shelf, and such other outermost limits of national jurisdiction as may be determined by international law.

- 5.3 An agreement is in place between Tanzania and Seychelles, signed on 23rd January 2002, regarding the Delimitation of the Maritime Boundary of the EEZ and Continental Shelf limits between the two countries on areas where the two zones overlap (viewable on-line at www.un.org/Depts/los/legislationandtreaties/pdf/TZA-SYC2002MB.pdf).
- 5.4 Tanzania and Seychelles have signed a Memorandum of Understanding (MoU) dated 2nd May 2011 spelling out a no prejudice to each Submission in areas where there could be potential overlaps.
- 5.5 Tanzania hence declares that there are no disputes in the region relevant to this Submission on the outer limits of the continental shelf beyond 200M which are determined without prejudice to the delimitation of continental shelf boundaries between neighboring States in accordance to paragraph 10 of Article 76.

6. Outer Limit of the Extended Continental Shelf of Tanzania

- 6.1 The outer limit of the extended continental shelf of Tanzania encloses an area of approximately 61,000km² extending beyond 200M from the Territorial Sea baseline of Tanzania (Figure 2).
- 6.2 Tanzania has determined the outer limit of the extended continental shelf by constructing an outer limit line composed of 26 fixed points as presented in Tables in Annex 1 and Annex 2.
- 6.3 Each successive pair of fixed points defining the outer limit of the extended continental shelf of Tanzania is connected by straight lines not exceeding 60M in length, drawn in accordance with paragraph 7 of Article 76 of the Convention.
- 6.4 All coordinates of fixed points defined according to the provisions of Article 76 of the Convention are expressed in this document in the WGS84 geodetic reference system.

Annex 1

URT-ANN-001_18-01-2012: Table Listing the Fixed Points Delimiting the Outer Limit (URT_OL) of the Extended Continental Shelf of the United Republic of Tanzania (Decimal Degrees).

Point ID	Latitude (Decimal Deg)	Longitude (Decimal Deg)	Distance (To Previous Point) (M)	Article 76 Criterion
T-EEZ	-4.683414	43.218000	-	TZ 200M TZ KE BND ³
URT_OL_01	-4.683414	45.720478	150.238	TZ KE BND TZ 350M
URT_OL_02	-4.696146	45.721256	0.762	TZ Baseline + 350M
URT_OL_03	-4.712880	45.721935	1.000	TZ Baseline + 350M
URT_OL_04	-4.729615	45.722569	1.000	TZ Baseline + 350M
URT_OL_05	-4.746353	45.723152	1.000	TZ Baseline + 350M
URT_OL_06	-4.763092	45.723690	1.000	TZ Baseline + 350M
URT_OL_07	-4.779832	45.724182	1.000	TZ Baseline + 350M
URT_OL_08	-4.796574	45.724621	1.000	TZ Baseline + 350M
URT_OL_09	-4.813318	45.725018	1.000	TZ Baseline + 350M
URT_OL_10	-4.830061	45.725365	1.000	TZ Baseline + 350M
URT_OL_11	-4.846807	45.725662	1.000	TZ Baseline + 350M
URT_OL_12	-4.863553	45.725914	1.000	TZ Baseline + 350M
URT_OL_13	-4.880299	45.726120	1.000	TZ Baseline + 350M
URT_OL_14	-4.897046	45.726276	1.000	TZ Baseline + 350M
URT_OL_15	-4.913794	45.726387	1.000	TZ Baseline + 350M
URT_OL_16	-4.930542	45.726448	1.000	TZ Baseline + 350M
URT_OL_17	-4.947289	45.726463	1.000	TZ Baseline + 350M
URT_OL_18	-4.964037	45.726429	1.000	TZ Baseline + 350M
URT_OL_19	-4.980784	45.726349	1.000	TZ Baseline + 350M
URT_OL_20	-4.997531	45.726223	1.000	TZ Baseline + 350M
URT_OL_21	-5.014278	45.726048	1.000	TZ Baseline + 350M
URT_OL_22	-5.031024	45.725826	1.000	TZ Baseline + 350M
URT_OL_23	-5.047770	45.725555	1.000	TZ Baseline + 350M
URT_OL_24	-5.064514	45.725235	1.000	TZ Baseline + 350M
URT_OL_25	-5.081258	45.724869	1.000	TZ Baseline + 350M
URT_OL_26	-6.073760	45.729572	59.264	TZ 350M SEY 200M
a	-7.744224	43.270519	-	TZ 200M SEY 200M ⁴

³ Tanzania-Kenya Agreed EEZ boundary point

⁴ Tanzania-Seychelles EEZ boundary point

Annex 2

URT-ANN-002_18-01-2012: Table Listing the Fixed Points Delimiting the Outer Limit (URT_OL) of the Extended Continental Shelf of the United Republic of Tanzania (Degrees Minutes and Seconds).

Point ID	Latitude (South)			Longitude (East)			Distance (To Previous Point) (M)	Article 76 Criterion
	Deg	Min	Sec	Deg	Min	Sec		
T-EEZ	4	41	0.291	43	13	04.800	-	TZ_200M_TZ_KE_BND ⁵
URT_OL_01	4	41	0.291	45	43	13.721	150.238	TZ_KE_BND_TZ_350M
URT_OL_02	4	41	46.126	45	43	16.522	0.762	TZ_Baseline + 350M
URT_OL_03	4	42	46.368	45	43	18.966	1.000	TZ_Baseline + 350M
URT_OL_04	4	43	46.614	45	43	21.248	1.000	TZ_Baseline + 350M
URT_OL_05	4	44	46.871	45	43	23.347	1.000	TZ_Baseline + 350M
URT_OL_06	4	45	47.131	45	43	25.284	1.000	TZ_Baseline + 350M
URT_OL_07	4	46	47.395	45	43	27.055	1.000	TZ_Baseline + 350M
URT_OL_08	4	47	47.666	45	43	28.636	1.000	TZ_Baseline + 350M
URT_OL_09	4	48	47.945	45	43	30.065	1.000	TZ_Baseline + 350M
URT_OL_10	4	49	48.220	45	43	31.314	1.000	TZ_Baseline + 350M
URT_OL_11	4	50	48.505	45	43	32.383	1.000	TZ_Baseline + 350M
URT_OL_12	4	51	48.791	45	43	33.290	1.000	TZ_Baseline + 350M
URT_OL_13	4	52	49.076	45	43	34.032	1.000	TZ_Baseline + 350M
URT_OL_14	4	53	49.366	45	43	34.594	1.000	TZ_Baseline + 350M
URT_OL_15	4	54	49.658	45	43	34.993	1.000	TZ_Baseline + 350M
URT_OL_16	4	55	49.951	45	43	35.213	1.000	TZ_Baseline + 350M
URT_OL_17	4	56	50.240	45	43	35.267	1.000	TZ_Baseline + 350M
URT_OL_18	4	57	50.533	45	43	35.144	1.000	TZ_Baseline + 350M
URT_OL_19	4	58	50.822	45	43	34.856	1.000	TZ_Baseline + 350M
URT_OL_20	4	59	51.112	45	43	34.403	1.000	TZ_Baseline + 350M
URT_OL_21	5	0	51.401	45	43	33.773	1.000	TZ_Baseline + 350M
URT_OL_22	5	1	51.686	45	43	32.974	1.000	TZ_Baseline + 350M
URT_OL_23	5	2	51.972	45	43	31.998	1.000	TZ_Baseline + 350M
URT_OL_24	5	3	52.250	45	43	30.846	1.000	TZ_Baseline + 350M
URT_OL_25	5	4	52.529	45	43	29.528	1.000	TZ_Baseline + 350M
URT_OL_26	6	4	25.536	45	43	46.459	59.264	TZ_350M_SEY_200M
a	7	44	39.206	43	16	13.868	-	TZ_200M_SEY_200M ⁶

⁵ Tanzania-Kenya Agreed EEZ boundary point

⁶ Tanzania-Seychelles EEZ boundary point

