

Revision of the Mozambique Frontiers

a Cooperation Project

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54 countries

109 international frontiers:

- 26% follows natural features (mountains, rivers, ...)
- 44% astronomical lines
- 30% mathematical lines

(Wolfgang Döpcke, 1999)




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OUA – Cairo, 1964 – Resolution of the Inalienability of Colonial Boundaries



AU Assembly of Heads of States
Durban, 2002

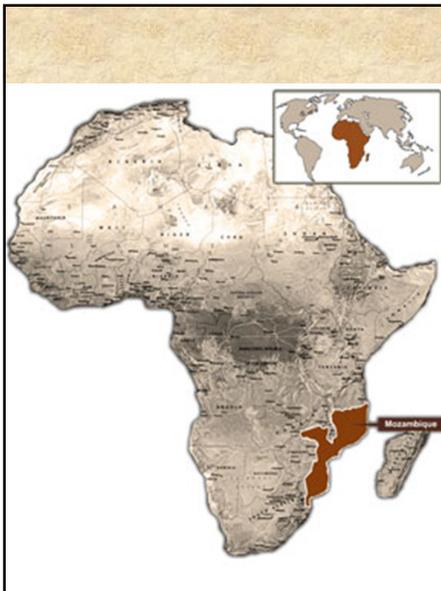
Ratified Cairo Declaration

African Conference of the Ministers
of Border Issues
Addis Abeba 2007

“African Union Border Declaration
Programme”



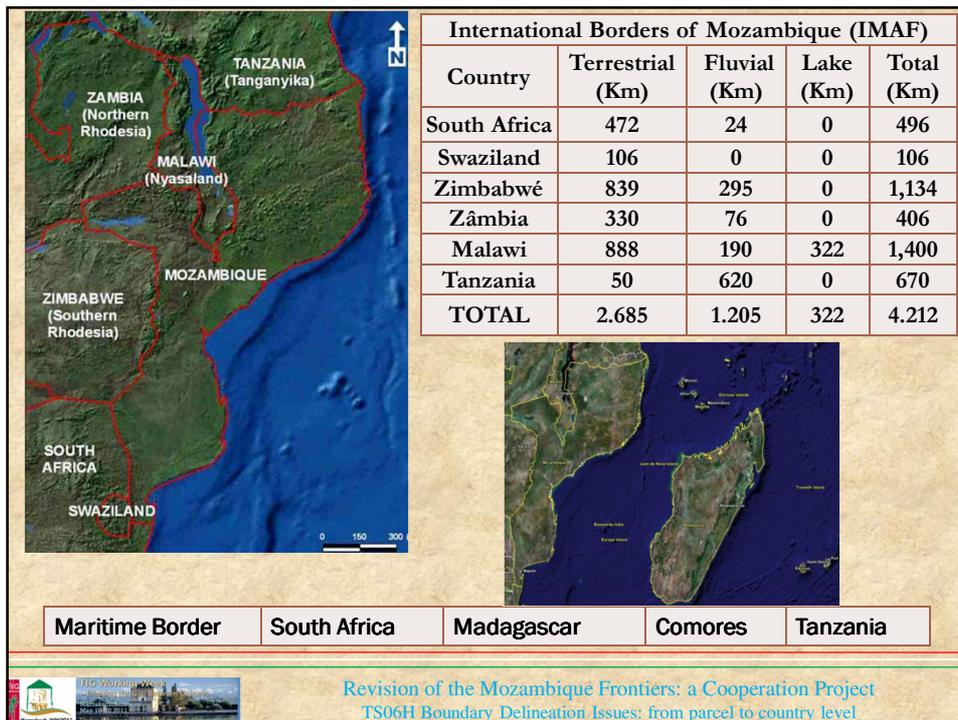
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Mozambique	
Territorial Area	799.380 Km ²
Land	786.380Km ²
Inland waters	13000 Km
Coastline	2700 Km
Aerial Space	8115 Km
	IMAF



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Confluence of Limpopo and Pafuri rivers - tripoint Mozambique-South Africa-Zimbabwe

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Archive of Frontiers - Mozambique Documents (1856-1940)

- ANGÓNIA (1899-1947)
- BARUÉ (1897 – 1912)
- BRITISH CENTRAL ÁFRICA (1900-1949)
- KIONGA (1908)
- MANICA (1898)
- MAPUTO / TONGALAND (1888-1897)
- NIASSA (1898-1928)
- PAFÚRI (1856-1926)
- RODÉSIA (1903-1937)
- RODÉSIA DO SUL (1922-1940)
- RODÉSIA DO SUL / C^a de MOÇAMBIQUE (1893-1909)
- ROVUMA (1895-1937)
- SWAZILÂNDIA / MUSSUATE (1888-1901)
- SWAZILÂNDIA / NAMAACHA (1894-1924)
- TRANSVAL (1890-1926)

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Oficial and diplomatic documents

Correspondence

Proceedings of the meetings related to delimitation and definition of the frontiers;

Registry of informations, petitions, objections, opinions and discussions concerning delimitation and definition of the border lines;

Reports

Detailed accounts of the fieldwork;

Description and geographic coordinates of the beacons;

Topographic and geodesic works;

Sketch maps.

Interaes	Latitudes S	Longitudes E. Gr.
Pilar gordonio Tete	16.09.14,6	33.35.17,0
do Drobne, ut	14.40.14,0	33.43.51,0
do Muciale, ut	14.06.08,0	32.57.14,0
Makoulue, N.P.	14.29.56,0	32.35.24,6
Mareo NP 2	13.59.58,7	32.41.24,4
Mucali, N.P.	14.11.51,9	32.41.38,1
Chitumbulo (Mucali)	14.34.59,2	32.07.05,8
M. Friculua, Mareo 17	14.30.42,7	31.40.55,7
Mocimboa (Mucali)	14.51.06,9	31.33.50,1
Beanga, N.P.	15.01.25,2	31.06.07,9
Mareo NP 2	14.59.54,2	30.13.10,2

Resumo das calculos da Fronteira de Tete 1897/1905

MINDOÇA	MPOGOS	MINDOÇA
10.477	38.507,6	2.220
45.756	191.788	1.02.220
9.509.624	8.509.624	8.509.624
2.168.820	5.168.750	2.168.820
3.027.562	3.027.562	3.027.562
2.019.482	2.019.482	2.019.482
3.871.345	3.871.345	3.871.345
1.888.212	1.888.212	1.888.212
1.781.122	2.030.561	35.389
32.28.14.00	31.23.30.1	11.01.30.1
31.28.22.6	30.32.05.7	30.1.8.10
16.30.42.7	15.11.45.47	10.35.30.1
14.30.42.7	30.32.05.6	30.28.10.1
8.512.387	8.512.387	8.512.387
4.459.371	4.459.371	4.459.371
7.723.884	7.723.884	7.723.884
3.505.087	3.505.087	3.505.087
1.788.445	1.788.445	1.788.445

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COOPERATION PROJECT:

Implementation of a boundary information system for Mozambique

PARTICIPATING INSTITUTIONS:

- National Institute for Sea and Borders Affairs of Mozambique (IMAF)
- Portuguese Tropical Research Institute (IICT)
- Portuguese Army Geographical Institute (IGeoE)

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National Institute for Sea and Borders Affairs of Mozambique (IMAF):

A executive and technical body of the Mozambique government to execute all the activities related to the delimitation of the land, maritimal, aerial and riverine boundaries, including the delimitation of the Mozambican Continental shelf

Tropical Research Institute (IICT):

Oldest government agency that promotes tropical knowledge in human and natural sciences. It seeks to increase the scientific and technical capacity of CPLP countries and also to ensure the preservation and access to its documentation.



Portuguese Army Geographical Institute (IGeoE)

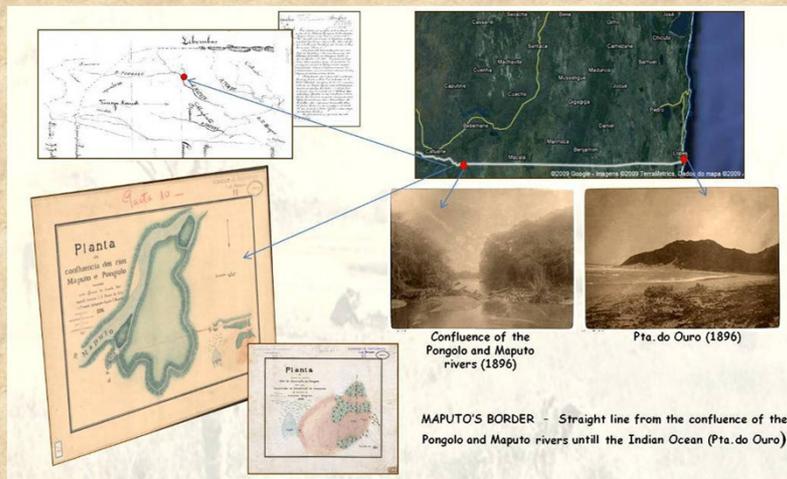
- Production and updating of Portugal's basic cartography on a scale 1:25000 (Portugal Military Map) as well as other derived maps
- Management of portuguese boundaries for wich is certified by the International Commission of Limits



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•an interdisciplinary team will be responsible for searching, compiling and analyzing all documents related to the Mozambique boundaries.

•selection of data to be associated with the historical-diplomatic database. Related geographic information will be extracted from the technical reports



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•Conversion of the documents into digital formats. For fragile documents or requiring special treatment, IgeoE has a special system composed of a digital camera with a coupled digital back and a vacuum system to hold the documents in place

•Optical character recognition

•elaboration of historical and diplomatic databases. Keywords and geographic descriptors will be associated to each document

N	Location	distance previous beacon (KM)
13	At the foot of Panda Hill	8.20
14		
15		
16	Near the Vasco da Gama pillar at the junction of the Matengo Balama road	9.70

ϕ (S) 14° 34' 40^{cc}.5 ϕ (S) 14° 45' 12^{cc}.6
 λ (E) 34° 31' 34^{cc}.9 λ (E) 34° 32' 49^{cc}.2

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GEODATABASE:

- Integrates decision support instruments
- User-friendly interface to visualize and query the databases and incorporate eventual changes at the beacon level
- Visualization and edition with a link to google earth enhancing real time operations on the ground and remote edition

Boundary GIS

campaign

Campanha de 2000

- Marco / Hito: 1 A P
- Ano de campo / Ano de campanha: 2000
- Situação / Situação: Bom estado/Buena
- Acabado / Acabado: Limpado/Se limpa
- Pintura: (Pintado/Se pinta)
- Foto: Liberar foto
- Vídeo: Liberar vídeo
- Observações:

Por comum acordo foi colocada a letra P no marco

Editar o Marco / Hito 1 A P

Quantar Atribuições

Localização Geográfica / Localización Geográfica

- Distrito: Viana do Castelo
- Município: Matagosa
- Alameda: Paredes
- Lugar: Paredes
- Lugar Ex: Lugar Ex
- Lugar: Localidade
- Lugar: Localidade (Portugal)
- latitude (Latitude): 42.10418242
- longitude (Longitude): -8.18765736
- WGS84 (WGS84)

Folhas

- Folha PT 200: 001
- Folha Ex 200: 001
- Folha PT 200: 131
- Folha Ex 200: 202
- Folha PT 200: MARCO2

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Tropical Knowledge
IICT 1883 - 2011

**Instituto
geográfico
do Exército**

Revisão das Fronteiras do Moçambique

This project:

- Responds to a specific demand of the Mozambique Government to access the basic information in order to redefine and rebuilt its limits
- Profits from the combination of a multidisciplinary research team from IICT, with the valuable practical knowledge and adequate tools of IGeoE and the local experience of Mozambican IMAF members.
- The final result will be the implementation of a BGIS that support the management and continuous characterization of Mozambique boundaries that contributes to support the stability and development of Mozambique, to prevent conflicts and in order to promote cooperation and peace as recognized by the AUBP and desired by all of us.



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