

Article 76

Variations in annotation and implementation seen in submission documents for the claim of Extended Continental Shelf



Shin TANI

Chairman of ABLOS
IHO/IAG Advisory Board on the Law of the Sea
t@ni.777.ac





ABLOS



United Nations Convention on the Law Of the Sea UNCLOS

Law Of the Sea Treaty
LOST

ABLOS

not AB-LOS





- abandon
- abase
- abash
- abattoir
- abduct
- aberrance
- abet
- abeyance
- abhor
- abide

ABLOS

- abject
- abjure
- ablation
- abnormal
- abolish
- abomb
- abominate
- abort
- abrade



- abrogate
- abrupt
- abscess
- abscond
- absence
- absurd
- abuse
- abusive
- abysmal





ABLOS



United Nations Convention on the Law Of the Sea UNCLOS

Law Of the Sea Treaty
LOST

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IHO/IAG Advisory Board on the Law Of the Sea





TOR of ABLOS



To provide advice, guidance and, where applicable, offer expert interpretation of the technical aspects of the Law of the Sea to the parent Organizations, their Member States or to other organizations on request.





UNCLOS and ABLOS



UNCLOS

a very technical convention

chart	12 art.	20 times	Hydrogr
distance	10 art.	14 times	Geodesy
nautical mile	11 art.	11 times	Geodesy
coordinate	3 art.	6 times	Geodesy
low tide elevation	2 art.	6 times	Hydrogr
low water line	4 art.	5 times	Hydrogr
low water mark	1 art.	5 times	Hydrogr
metre	3 art.	4 times	Geodesy
ratio of water & land	1 art.	2 times	Geodesy
median line	1 art.	1 time	Geodesy



Technical terms in Article 76 only

- natural prolongation, subscil, landing significant thickness of sedimental prolongation in the sedi
- geodetic data, distance of 250 rautical miles, 350 nautical miles 100 rautical miles, coordinates of cliede and longitude
- continental shelf, seabed, continental margin, shelf, slope, rise, deep ocean foor, plateaux, cap, bank, spur, oceaning idees a lower ridges, submarine per all post 2,300 metre isobath, foot of the continental slope, maximum change in the gradient





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their Member States or to

other organizations on request.



Annex II to the UNCLOS

The Commission may cooperate, to the extent considered necessary and useful, with the Intergovernmental Oceanographic Commission of UNESCO, the International Hydrographic Organization and other competent international organizations with a view to exchanging scientific and technical information which might be of assistance in discharging the Commission's responsibilities.





TOR of ABLOS



To review State practice and jurisprudence on Law of the Sea matters which are relevant to the work of ABLOS so as to be in a position to provide expert advice when needed.



Rights of the coastal State over its continental shelf

The coastal State exercises over the continental shelf sovereign rights for the purpose of exploring it and exploiting its natural resources.

The rights referred to in paragraph 1 are exclusive ...

The natural resources referred to in this Part consist of the mineral and other non-living resources of the seabed and subsoil together with living organisms belonging to sedentary species

. . .







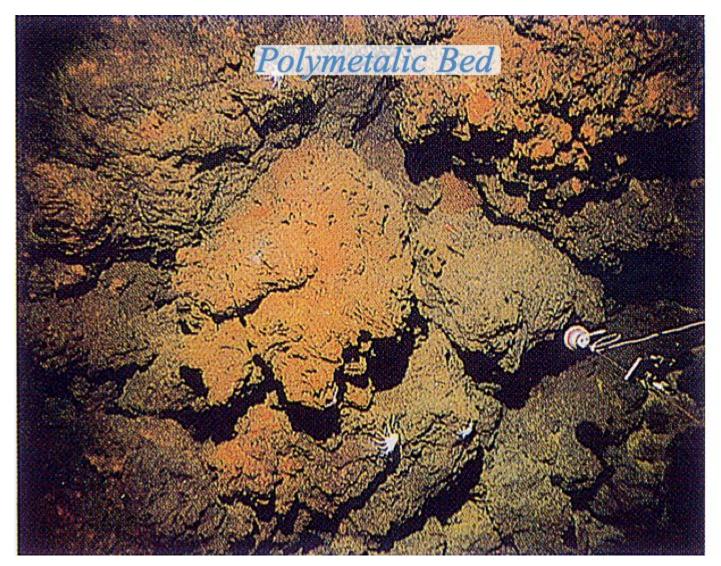






提供:独立行政法人 石油天然ガス・金属鉱物資源機構(JOGMEC)





提供:独立行政法人 石油天然ガス・金属鉱物資源機構(JOGMEC)



Methane Hydrate



提供:メタンハイドレート資源開発研究コンソーシアム



Deep Sea Creatures...Biological Res.

Vesicomyid clam



提供:独立行政法人海洋研究開発機構(JAMSTEC)



The continental shelf of a coastal State

comprises 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



The continental margin

comprises the submerged prolongation of the land mass of the coastal State,

and consists of the seabed and subsoil of

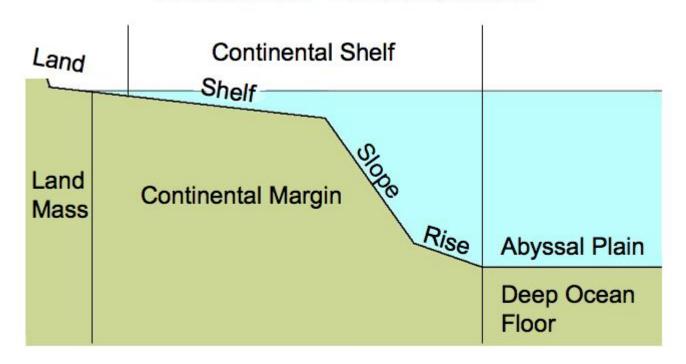
the shelf, the slope and the rise.

It does not include

the deep ocean floor with its oceanic ridges or the subsoil thereof.



Schematic Cross Section





Outer edge of the continental shelf

For the purposes of this Convention, the coastal State shall establish the outer edge of the continental margin

wherever the margin extends beyond 200 nautical miles from the baselines from which the breadth of the territorial sea is measured,

by either...



Formula Line (i)

a line delineated in accordance with paragraph 7 by reference to the outermost fixed points

at each of which the thickness of sedimentary rocks is at least 1 per cent of the shortest distance

from such point to the foot of the continental slope



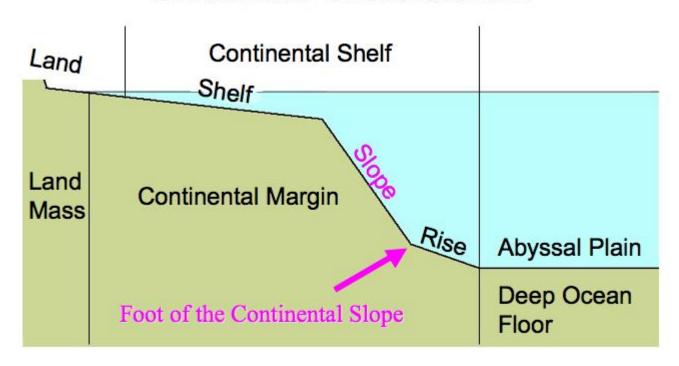
Foot of the Continental Slope

In the absence of evidence to the contrary, the foot of the continental slope shall be determined as the point of

maximum change in the gradient at its base.



Schematic Cross Section





Formula Line (ii)

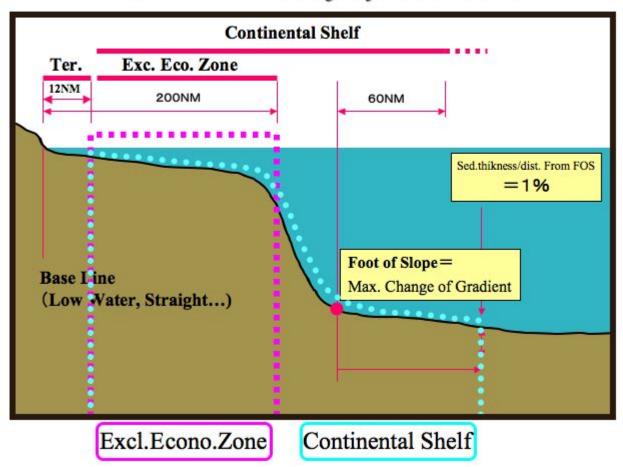
a line delineated in accordance with paragraph 7 by reference to fixed points

not more than 60 nautical miles

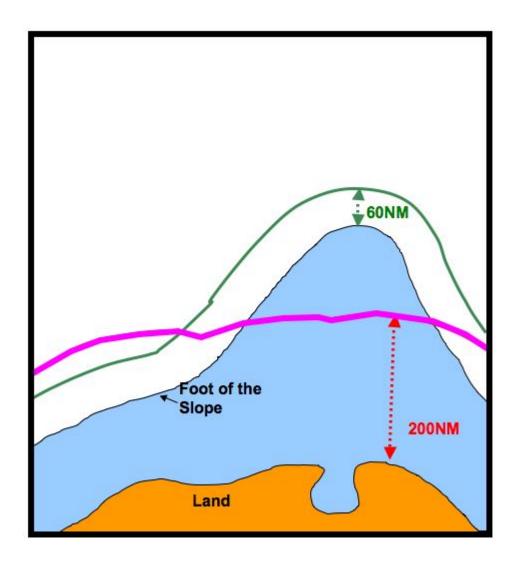
from the foot of the continental slope



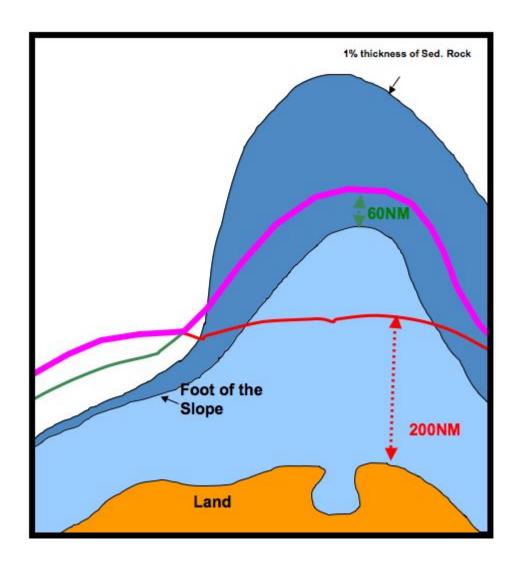
Continental Shelf by UNCLOS



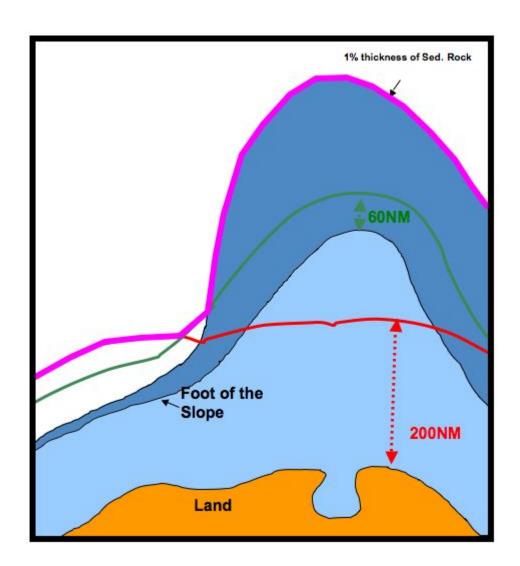






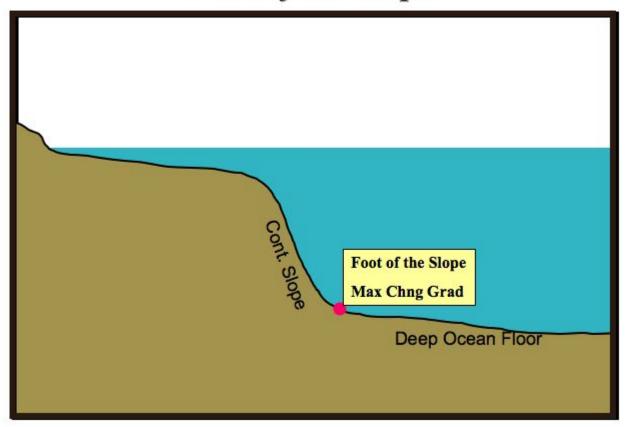




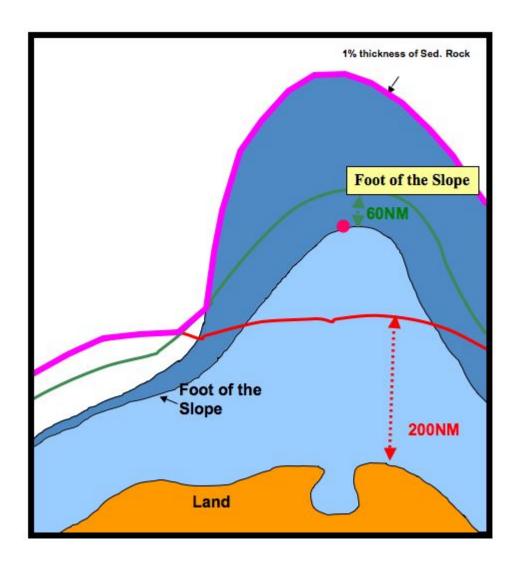




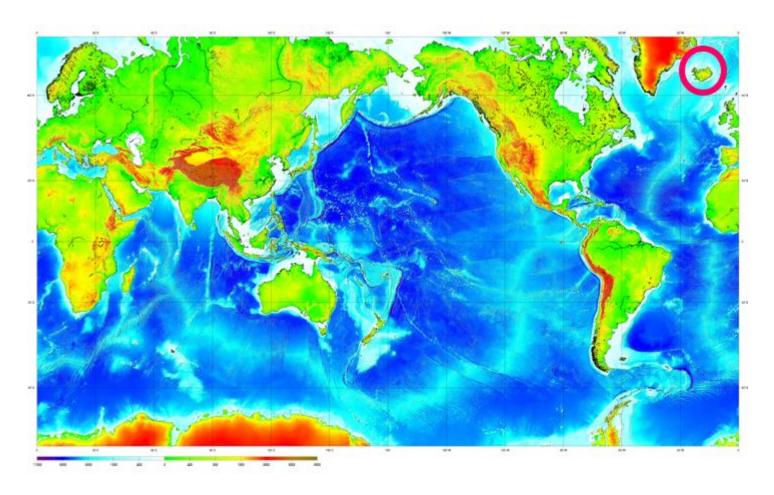
Foot of the Slope





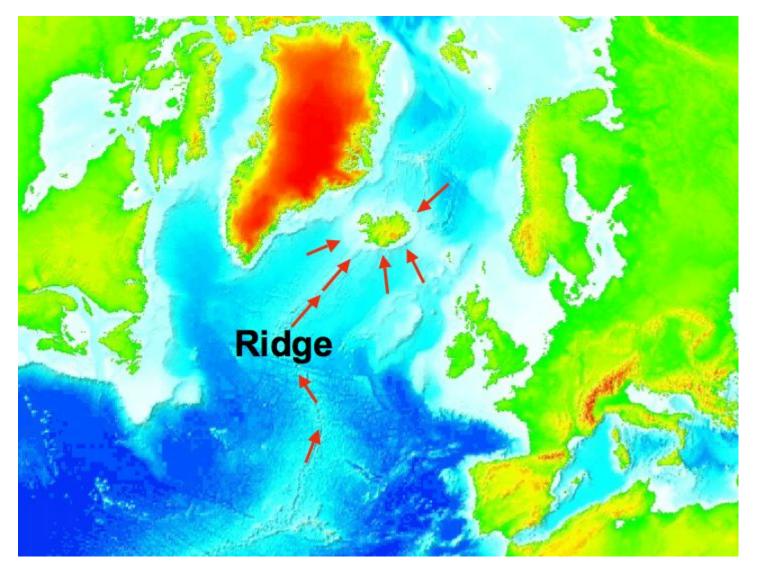






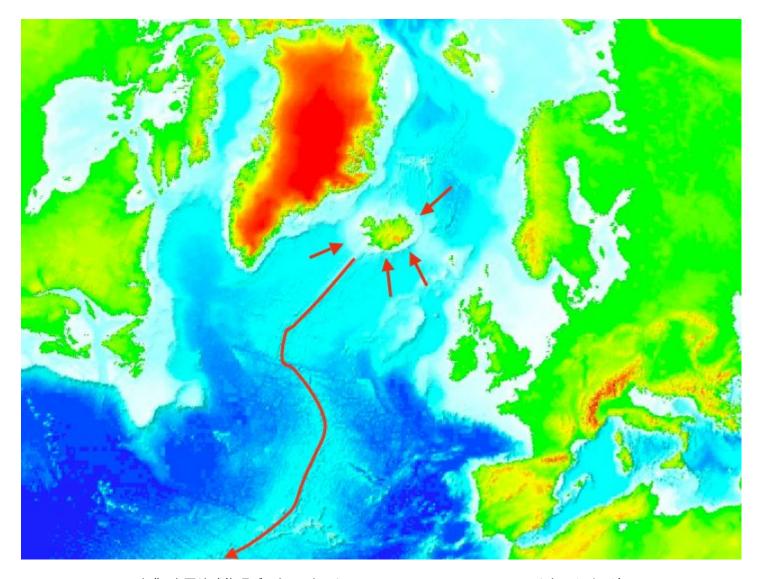
出典:米国地球物理データセンター(National Geophysical Data Center)ホームページ http://www.ngdc.noaa.gov/mgg/topo/img/globenew.gif





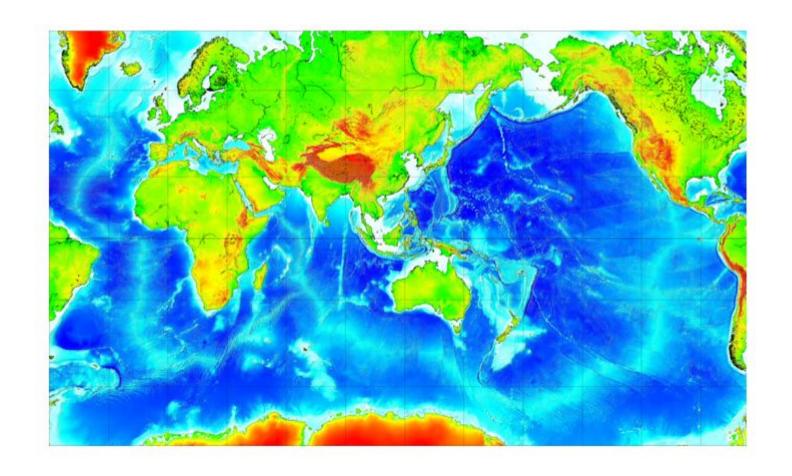
出典: 米国地球物理データセンター(National Geophysical Data Center)ホームページ http://www.ngdc.noaa.gov/mgg/topo/img/globenew.gif





出典:米国地球物理データセンター(National Geophysical Data Center)ホームページ http://www.ngdc.noaa.gov/mgg/topo/img/globenew.gif





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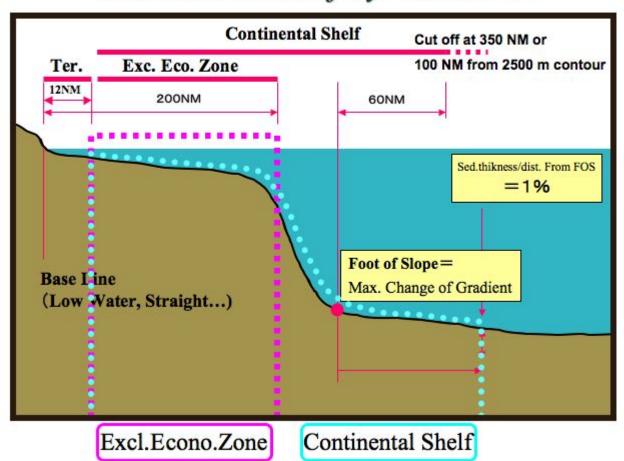
The fixed points

comprising the line of the outer limits of the continental shelf on the seabed, drawn in accordance with paragraph 4 (a)(i) and (ii), either

- shall not exceed 350 nautical miles from the baselines from which the breadth of the territorial sea is measured or
- shall not exceed 100 nautical miles from the 2,500 metre isobath, which is a line connecting the depth of 2,500 metres.



Continental Shelf by UNCLOS



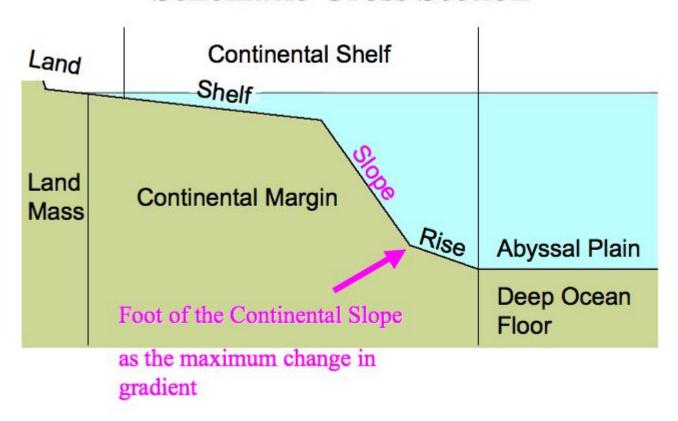


Foot of the Continental Slope

In the absence of evidence to the contrary, the foot of the continental slope shall be determined as the point of maximum change in the gradient at its base.

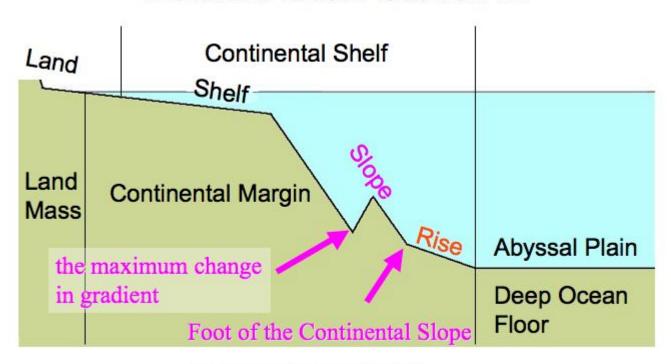


Schematic Cross Section





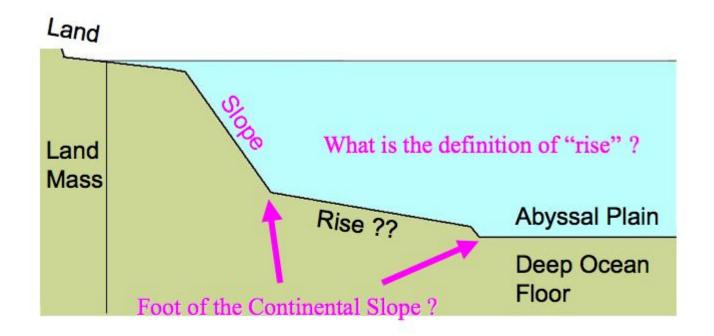
Possible Cross Section A



as the maximum change in gradient at its base



Possible Cross Section B





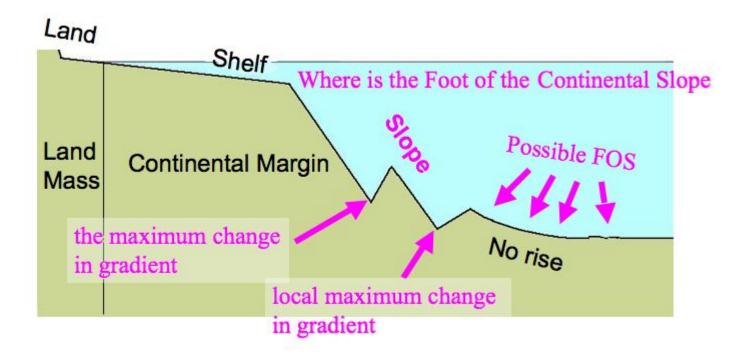
Continental Rise

A broad elevation that rises gently and generally smoothly from the sea floor.

(IHO/IOC Standardization of Undersea Feature Names, GEBCO)

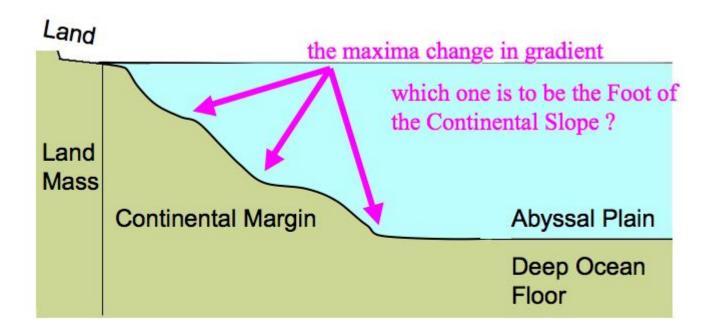


Possible Cross Section C

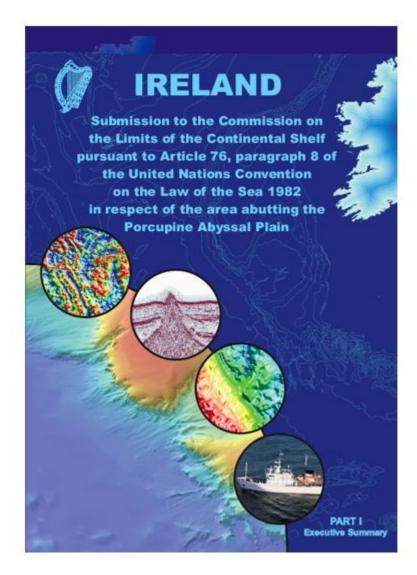




Possible Cross Section D

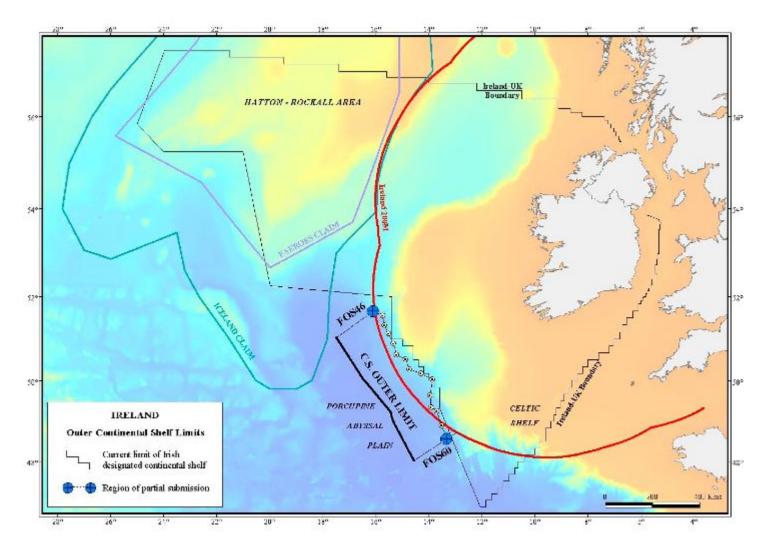






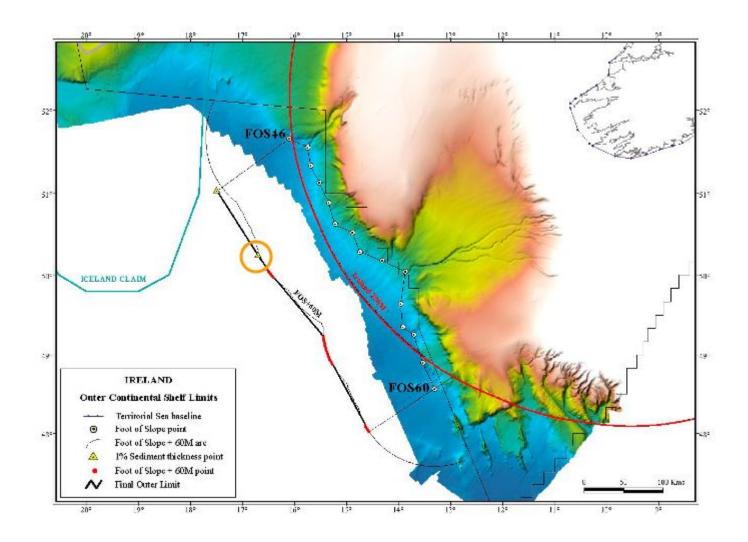
アイルランドの提出したエグゼクティブ・サマリーの表紙。国連ウェブサイト内の大陸棚限界委員会の以下のページより閲覧可能。
http://www.un.org/Depts/los/clcs_new/submissions_files/submission_irl.htm





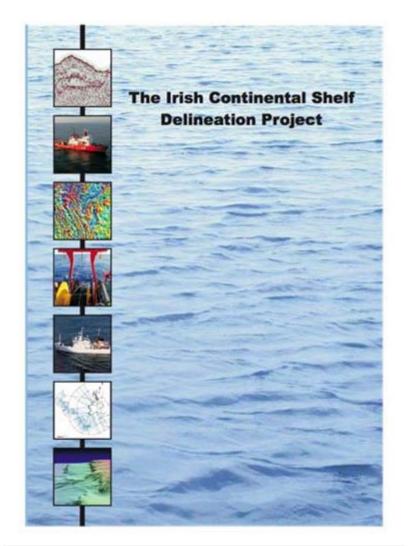
アイルランドの提出したエグゼクティブ・サマリーより。国連ウェブサイト内の大陸棚限界委員会の以下のページより閲覧可能。 http://www.un.org/Depts/los/clcs_new/submissions_files/submission_irl.htm

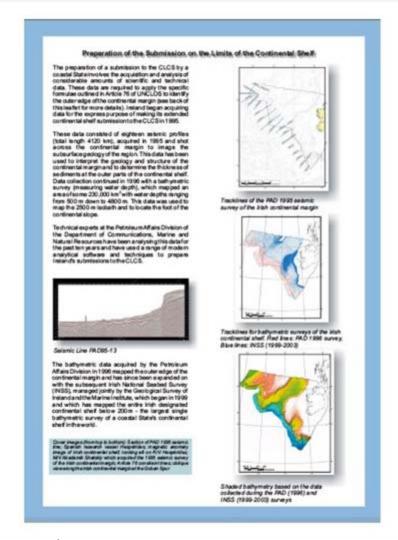




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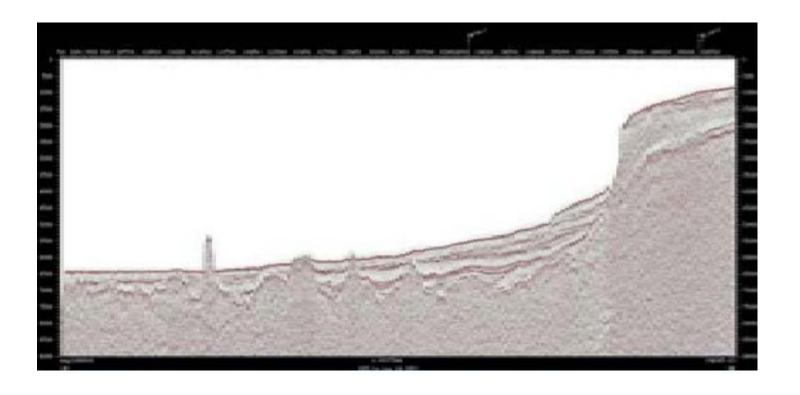






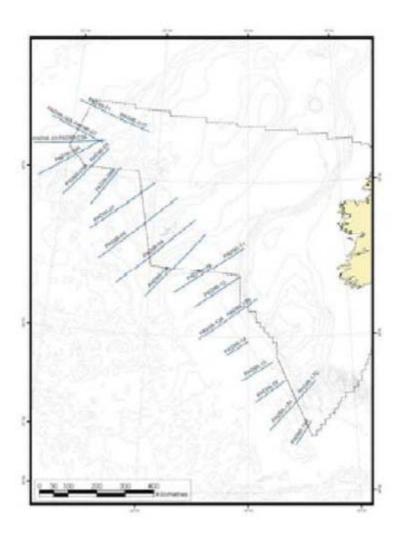
アイルランド政府 通信・海洋・天然資源省 石油部が作成したアイルランドの大陸棚プロジェクトに関するパンフレット。以下のページで閲覧可能。 http://www.dcmnr.gov.ie/NR/rdonlyres/50A67AD0-4594-44BE-AB2A-FD8D00CE34E4/0/CSDP_Ireland.pdf





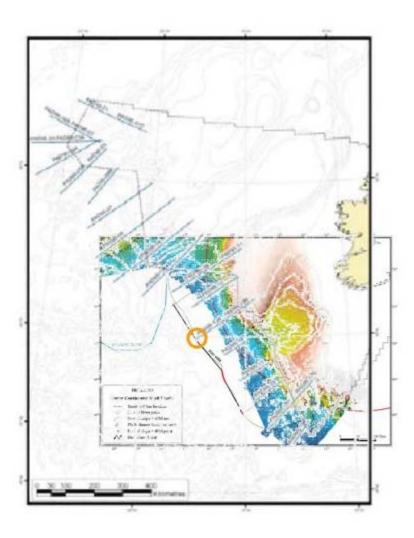
アイルランドの大陸棚プロジェクトに関するパンフレットより。





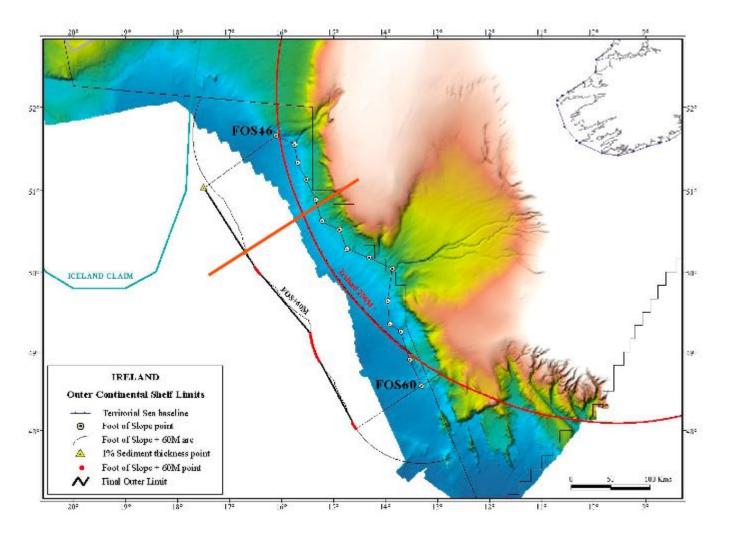
アイルランドの大陸棚プロジェクトに関するパンフレットより。





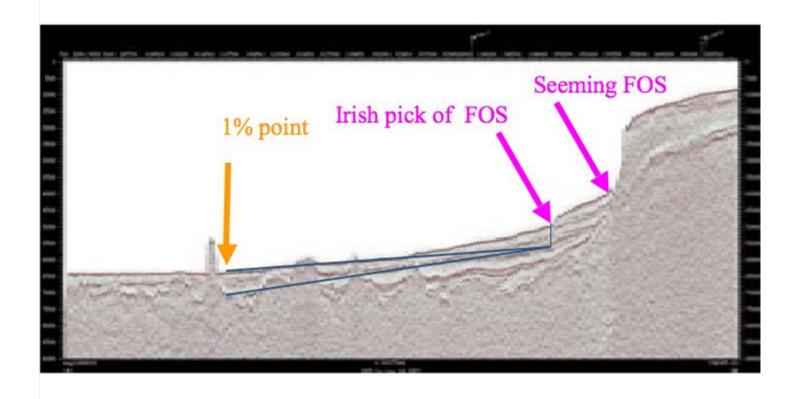
アイルランドの大陸棚プロジェクトに関するパンフレットより。





アイルランドの提出したエグゼクティブ・サマリーより。国連ウェブサイト内の大陸棚限界委員会の以下のページより閲覧可能。 http://www.un.org/Depts/los/clcs_new/submissions_files/submission_irl.htm





アイルランドの大陸棚プロジェクトに関するパンフレットより。



The fixed points

comprising the line of the outer limits of the continental shelf on the seabed, drawn in accordance with paragraph 4 (a)(i) and (ii), either

- shall not exceed 350 nautical miles from the baselines from which the breadth of the territorial sea is measured or
- shall not exceed 100 nautical miles from the 2,500 metre isobath, which is a line connecting the depth of 2,500 metres.



Constraint Lines

- on submarine ridges, the outer limit of the continental shelf shall not exceed 350 nautical miles from the territorial sea baseline.
- This paragraph does not apply to submarine elevations that are natural components of the continental margin, such as its plateaux, rises, caps, banks and spurs.



The continental margin

comprises the submerged prolongation of the land mass of the coastal State,

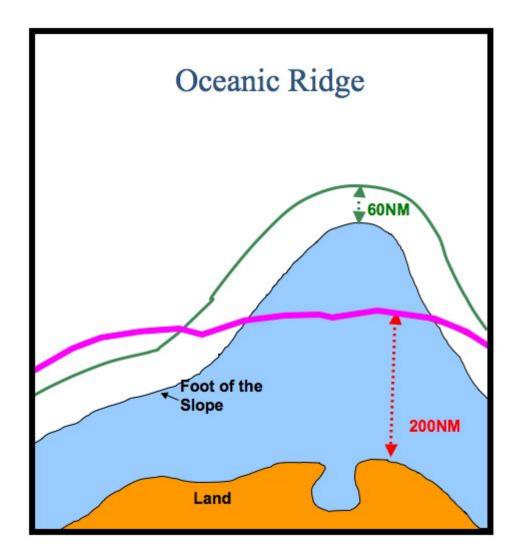
and consists of the seabed and subsoil of

the shelf, the slope and the rise.

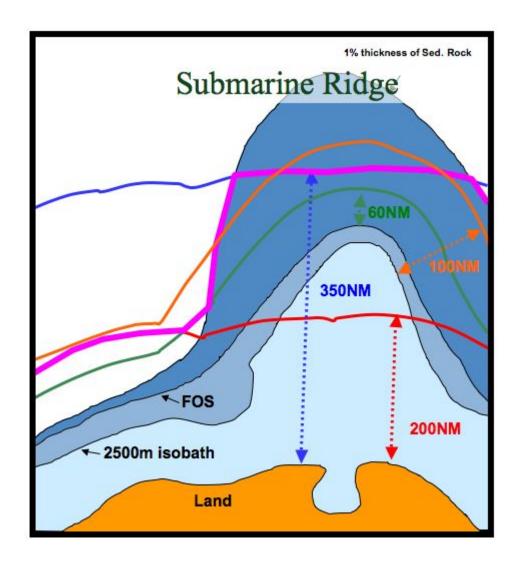
It does not include

the deep ocean floor with its oceanic ridges or the subsoil thereof.

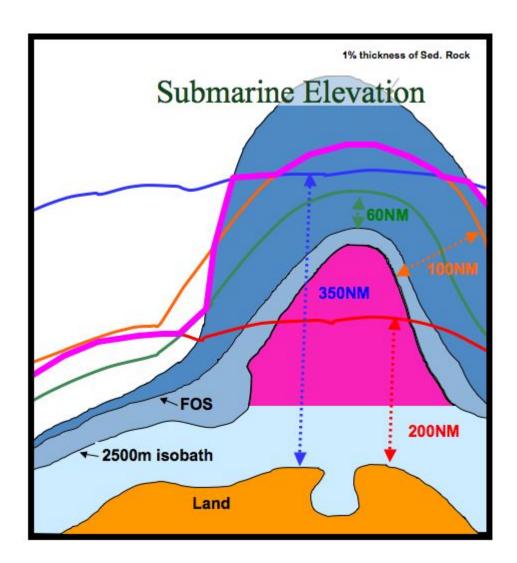




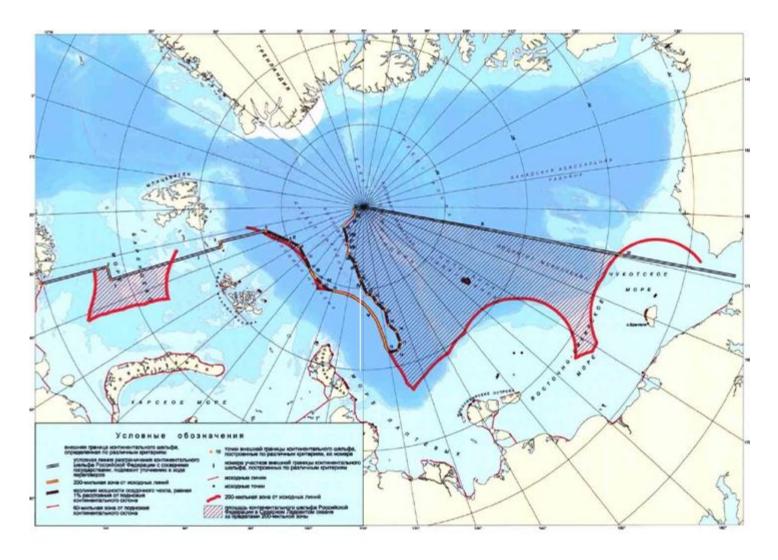








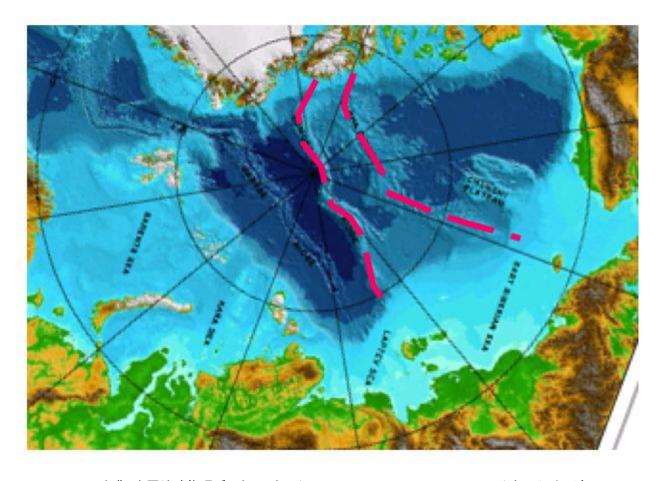




ロシアの提出したエグゼクティブ・サマリーより。国連ウェブサイト内の大陸棚限界委員会の以下のページより閲覧可能。
http://www.un.org/Depts/los/clcs new/submissions files/submission rus.html

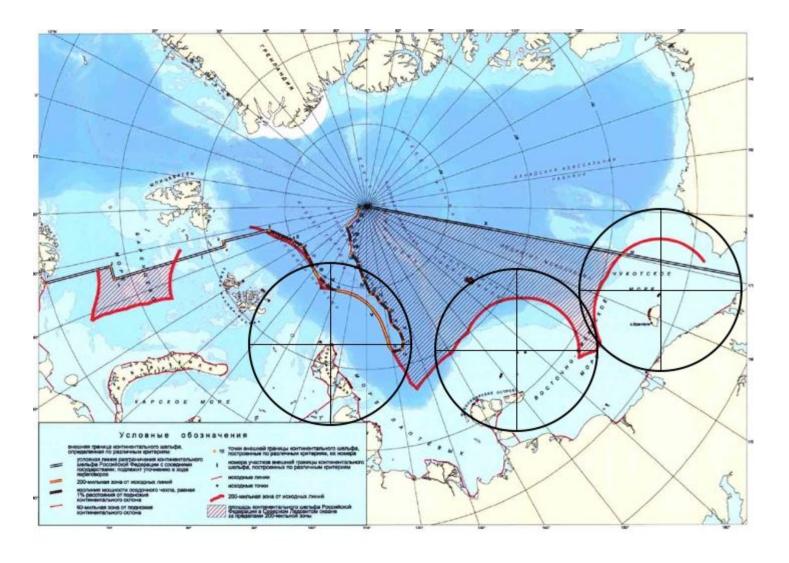


Arctic Bathymetry



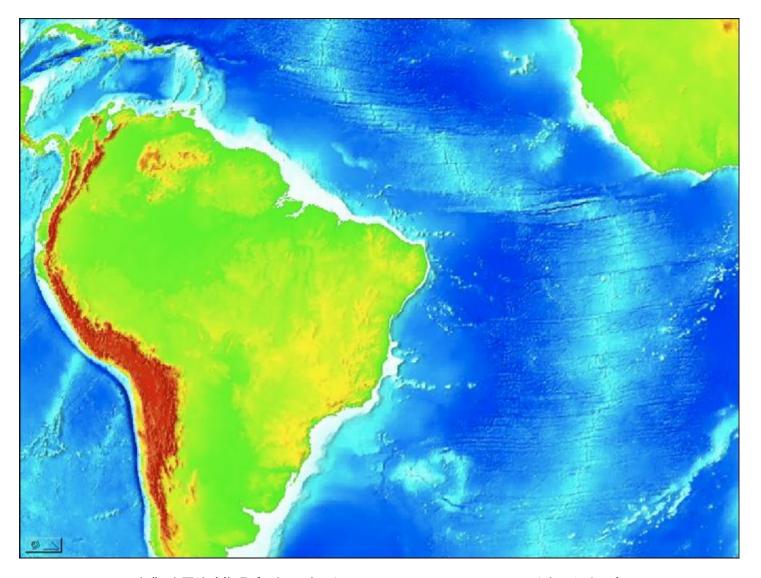
出典: 米国地球物理データセンター(National Geophysical Data Center)ホームページ http://www.ngdc.noaa.gov/mgg/topo/img/globenew.gif





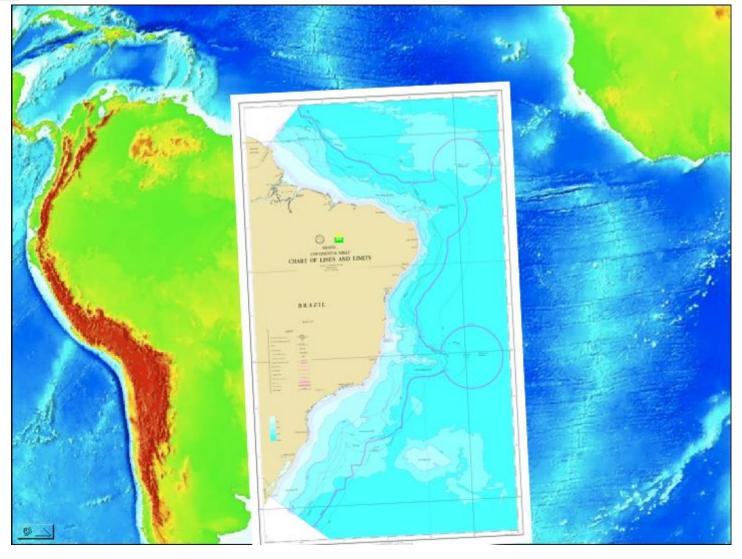
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出典: 米国地球物理データセンター(National Geophysical Data Center)ホームページ http://www.ngdc.noaa.gov/mgg/topo/img/globenew.gif





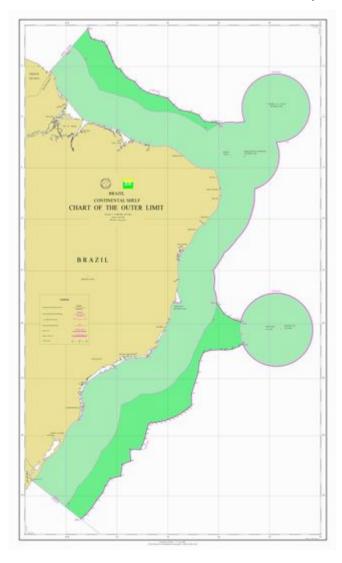
中央に貼り付けてあるのは、ブラジルの提出したエグゼクティブ・サマリーの一部。国連ウェブサイト内の大陸棚限界委員会の以下のページより閲覧可能。http://www.un.org/Depts/los/clcs new/submissions files/submission bra.htm





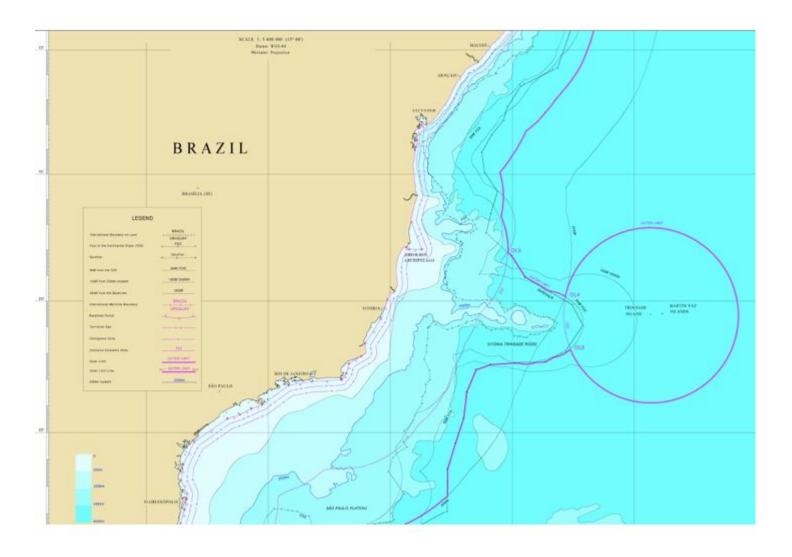
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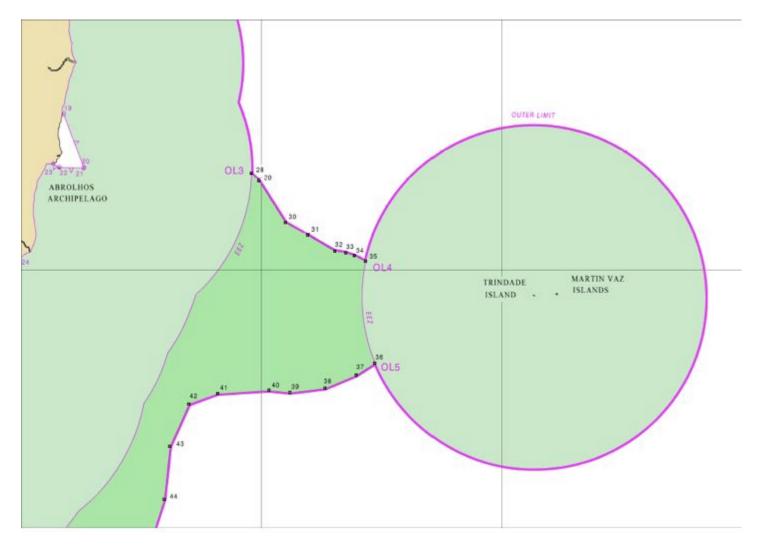
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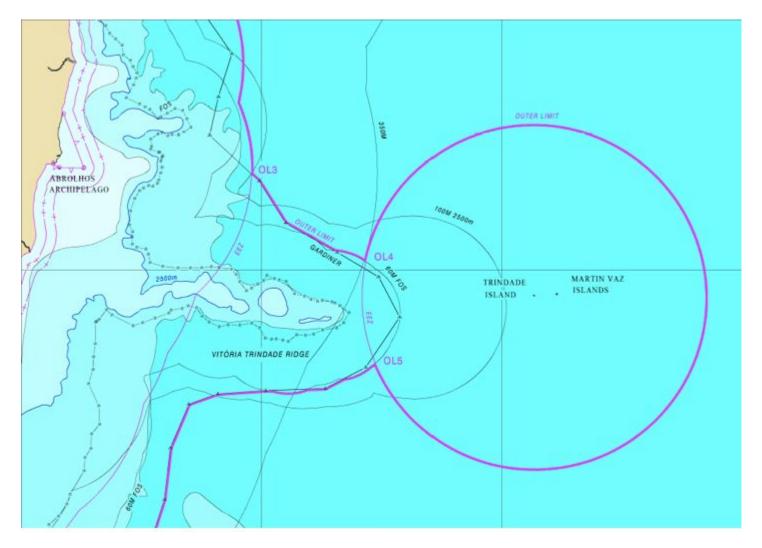
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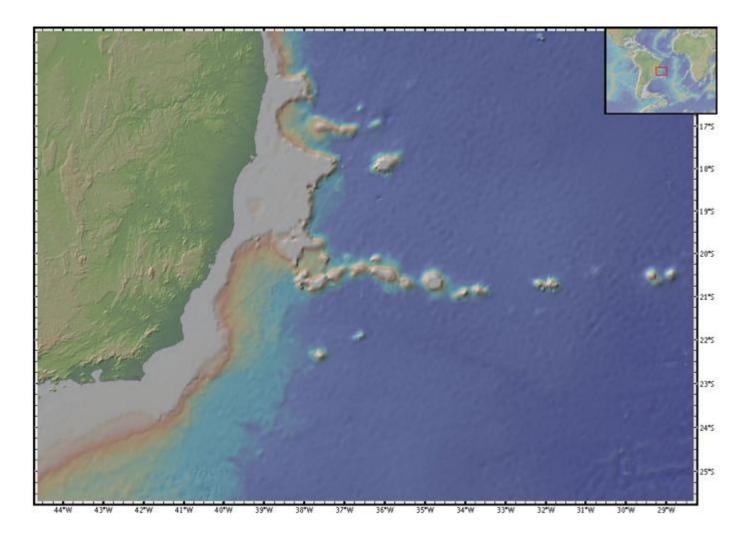


Letter to UN from USA

Vitoria-Trindade Feature

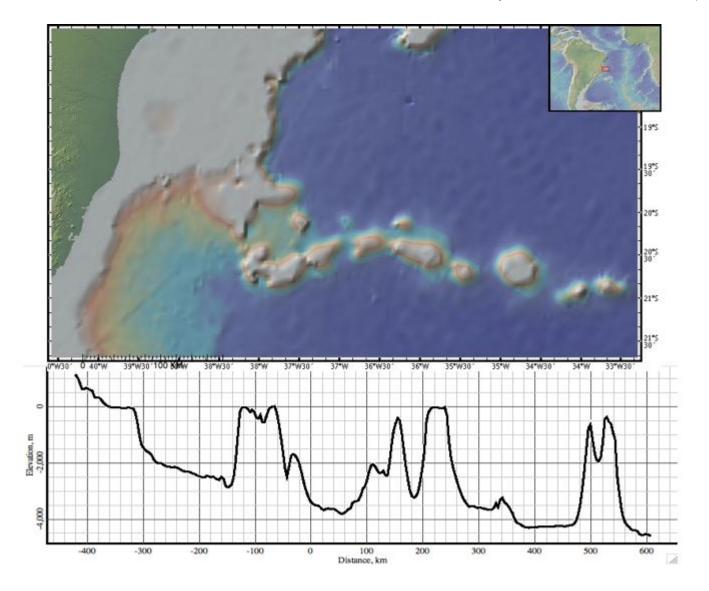
The United States has reviewed publicly available information regarding what Brazil refers to as the "Vitoria Trindade Ridge." The Commission should be aware that the International Hydrographic Organization/Intergovernmental Oceanographic Commission (IHO/IOC) General Bathymetric Chart of the Oceans (GEBCO) Sub-Committee on Undersea Feature Names (SCUFN) refers to that feature as the "Vitoria-Trindade Seamount Chain," and formerly referred to it is as a "Ridge." IHO-IOC GEBCO Gazetteer of Undersea Feature Names, p. 353 (May, 2004). (The United States officially refers to the feature as the "Vitoria-Trindade Seamounts.") Based on the information made public by the United Nations regarding this aspect of Brazil's submission to the Commission, one cannot determine what data and analysis Brazil used and how Brazil applied relevant provisions of Article 76 to support its conclusion, in the area of this feature, that its continental margin extends beyond 200 nautical miles from the baselines from which the territorial sea is measured. The United States, after reviewing relevant literature, suggests that oceanic hot spot processes likely formed the feature in question. The United States doubts whether the feature in question is part of Brazil's continental margin beyond 200 nautical miles from the baselines from which the territorial sea is measured. The United States suggests that the Commission takes a cautious approach with regard to this feature.



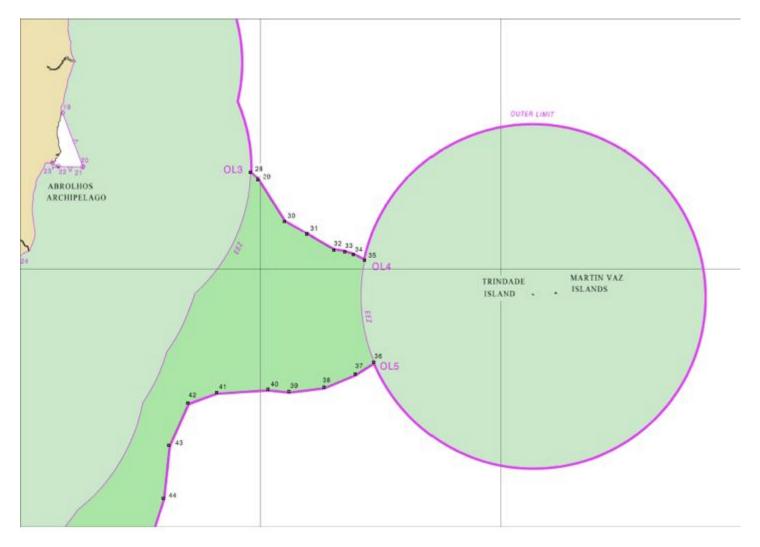


出典: 米国地球物理データセンター(National Geophysical Data Center)ホームページ http://www.ngdc.noaa.gov/mgg/topo/img/globenew.gif









ブラジルの提出したエグゼクティブ・サマリーより。国連ウェブサイト内の大陸棚限界委員会の以下のページより閲覧可能。 http://www.un.org/Depts/los/clcs_new/submissions_files/submission_bra.htm

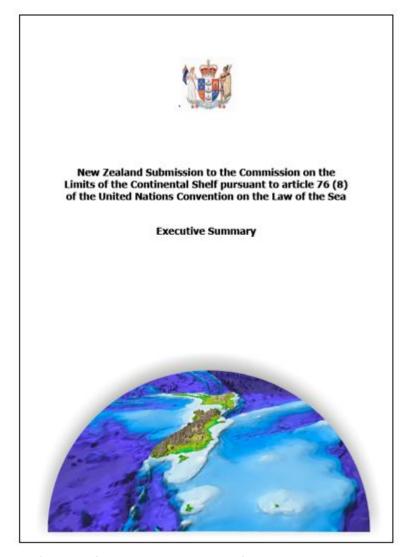


Straight lines

• The coastal State shall delineate the outer limits of its continental shelf, where that shelf extends beyond 200 nautical miles from the baselines from which the breadth of the territorial sea is measured,

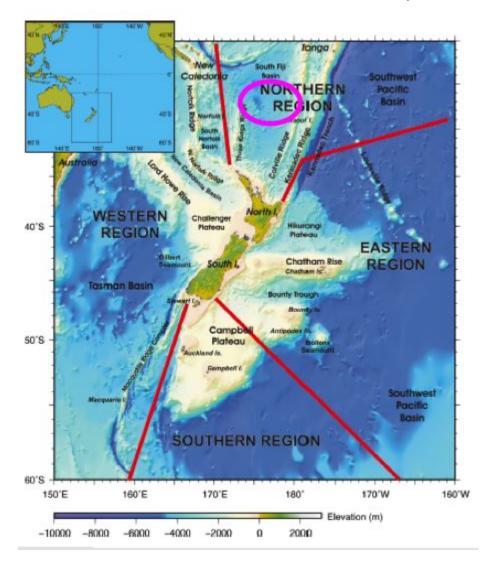
by straight lines not exceeding 60 nautical miles in length, connecting fixed points, defined by coordinates of latitude and longitude.





ニュージーランドの提出したエグゼクティブ・サマリーより。国連ウェブサイト内の大陸棚限界委員会の以下のページより閲覧可能。 http://www.un.org/Depts/los/clcs_new/submissions_files/submission_nzl.htm

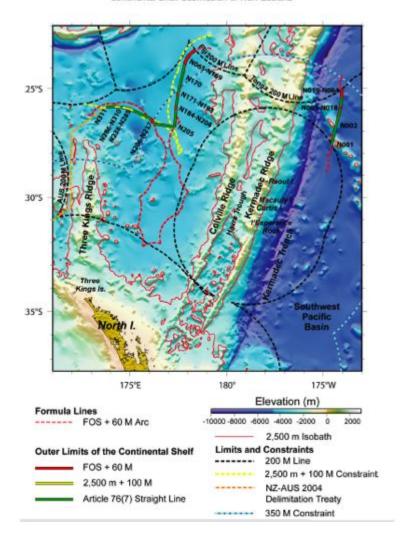




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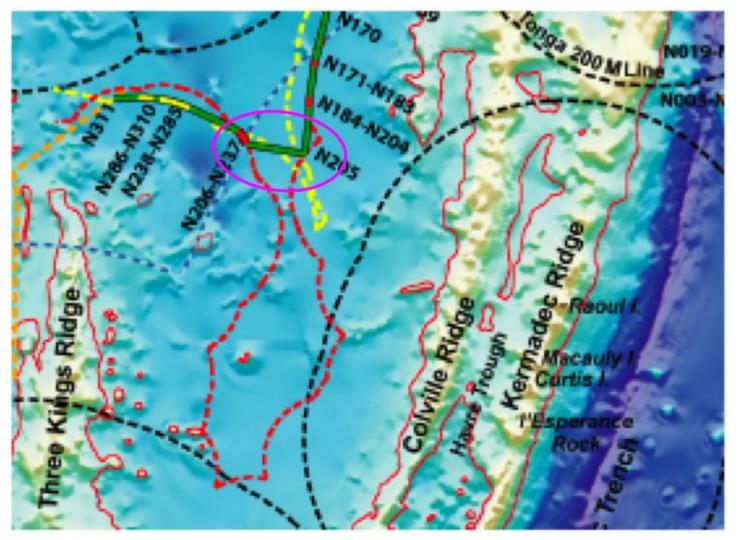


Continental Shelf Submission of New Zealand



ニュージーランドの提出したエグゼクティブ・サマリーより。国連ウェブサイト内の大陸棚限界委員会の以下のページより閲覧可能。 http://www.un.org/Depts/los/clcs_new/submissions_files/submission_nzl.htm





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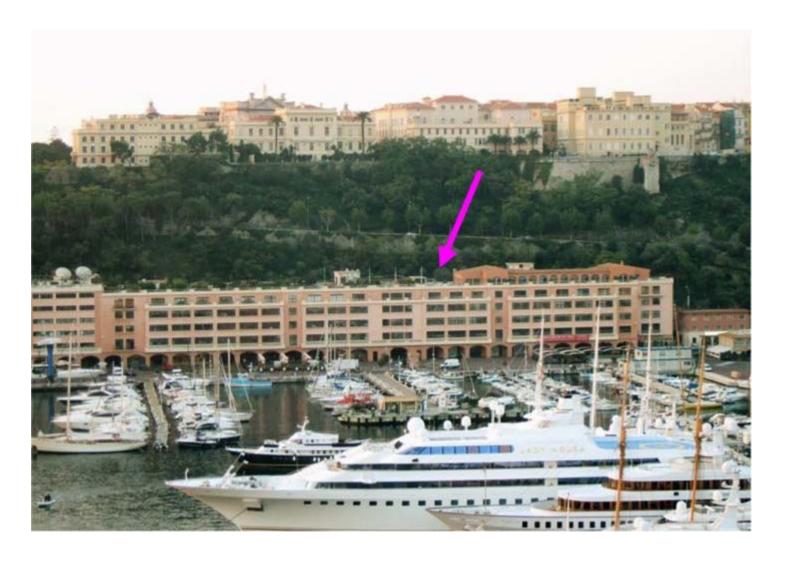


Many thanks for your patience! See you in Monaco at ABLOS Conference



IHO/IAG海洋法諮問委員会(ABLOS)ホームページ(http://www.gmat.unsw.edu.au/ablos/#ABLOS Intro)より。 次回のABLOS国際会議は、2008年10月16日~17日、モナコにて開催予定。詳しい情報は上記ABLOSホームページを参照。





次回のABLOS国際会議(2008年10月16日~17日)が開催される、モナコの国際水路機関オフィスが入っているビル。





ちなみに、これはモナコにある有名なモンテカルロ・カジノ。