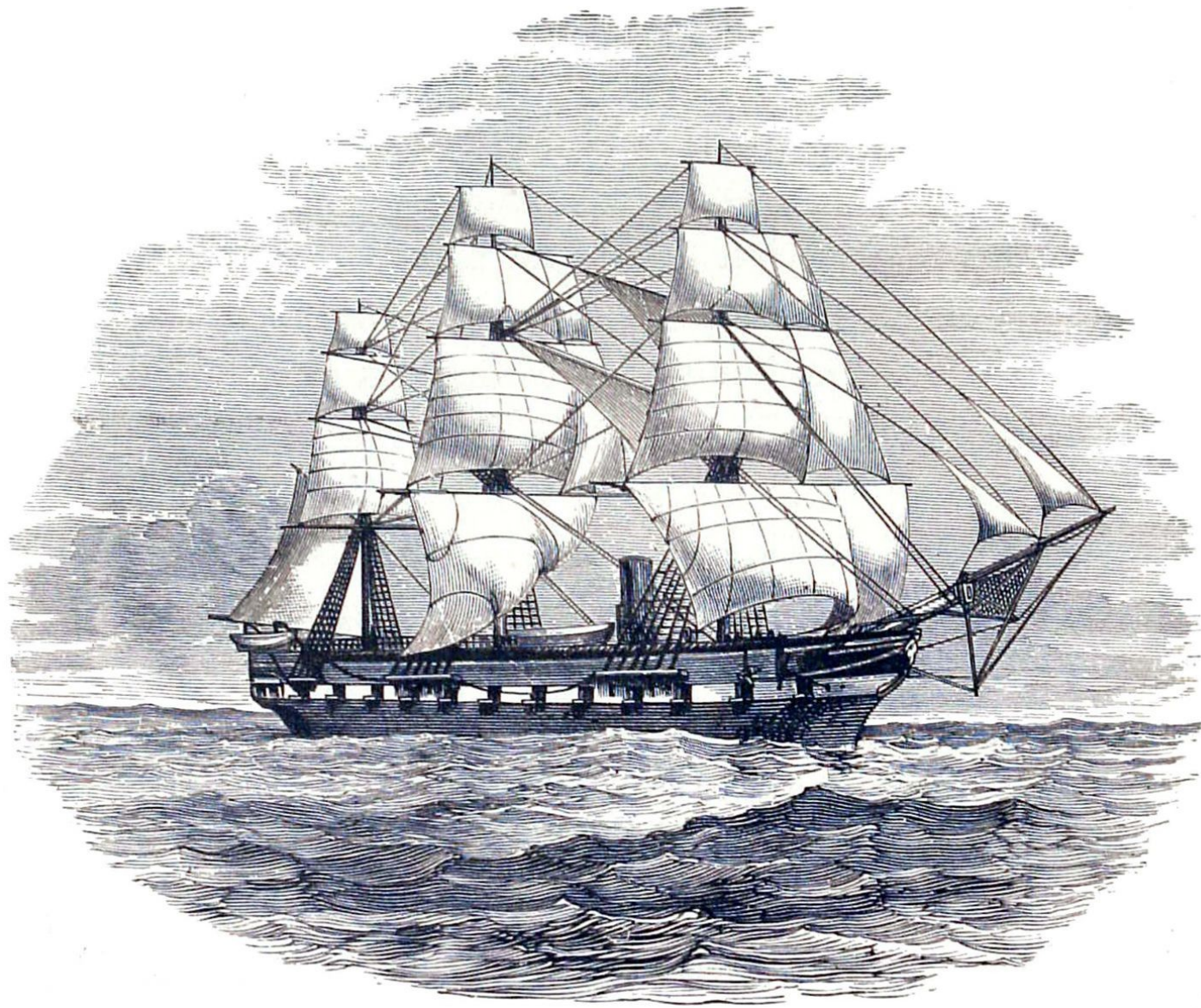




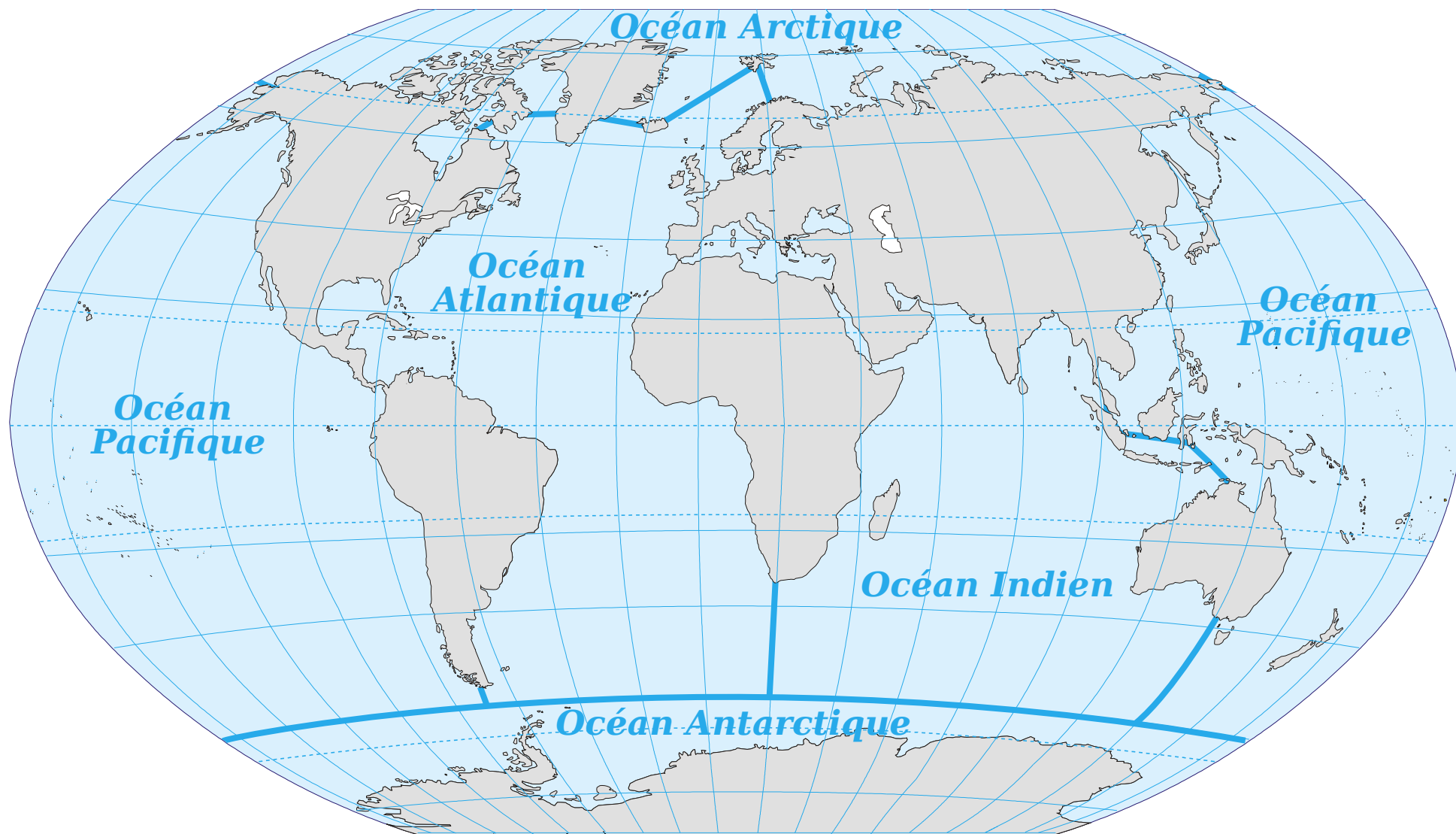
HMS Challenger



Navio Meteor



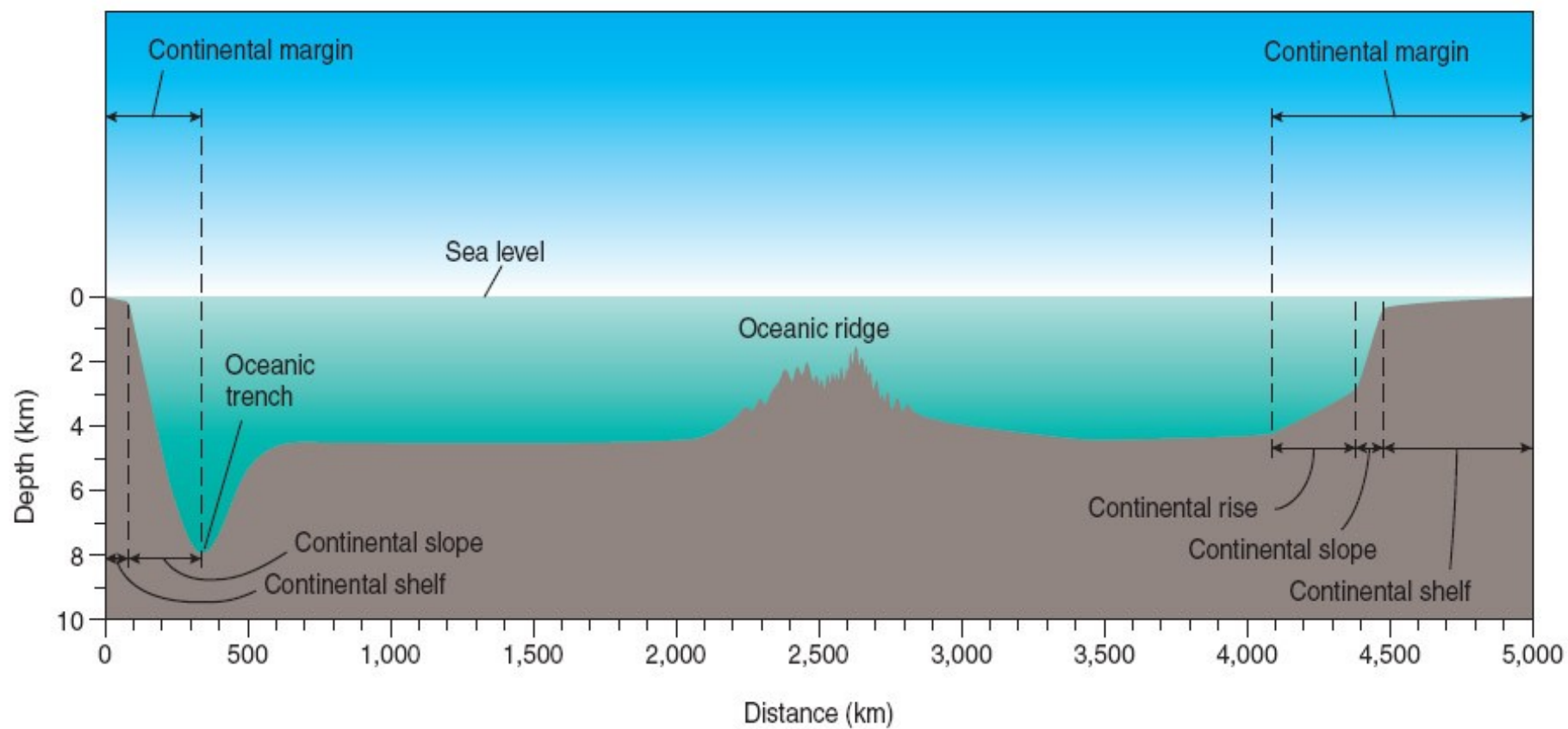
Expedição do Meteor



Divisões dos oceanos

OCEANO	ÁREA (km ²)	ÁREA (%)	VOLUME (km ³)	VOLUME (%)	PROF. MÉDIA (m)	PROF. MÁXIMA (m)
PACÍFICO	168 723 000	46,6	669 880 000	50,1	4040	10803
ATLÂNTICO	85 133 000	23,5	310 410 900	23,3	3646	8486
ÍNDICO	70 560 000	19,5	264 000 000	19,8	3741	7906
ANTÁRTICO	21 960 000	6,1	71 800 000	5,4	3270	7075
ÁRTICO	15 558 000	4,3	18 750 000	1,4	1205	5567
GLOBAL	361 934 000	100,0	1 334 840 900	100,0	3688	10803

Tabela 1.1 – Dimensões dos cinco oceanos regionais: Pacífico, Atlântico, Índico, Antártico e Ártico e do Oceano Global, incluindo os mares (segundo site da NOAA sobre Volumes dos Oceanos a partir do ETOPO1). PROF. é profundidade. Erros máximos de 1% nas estimativas.



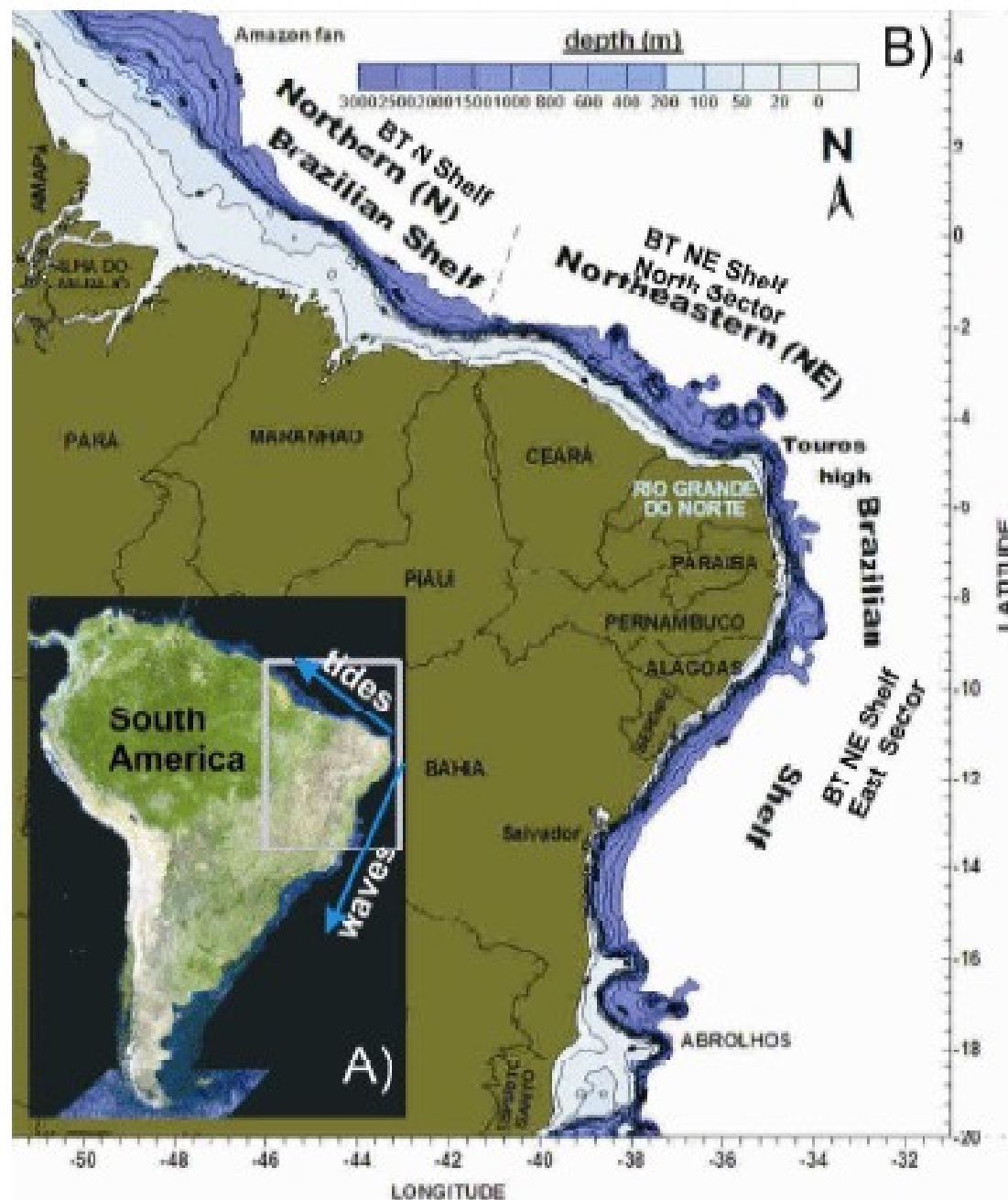


Fig. 1. A) Location of the study area; B) Brazilian Tropical Shelf. BT N Shelf = Brazilian Tropical North Shelf, BT NE Shelf = Brazilian Tropical Northeast Shelf. Blue arrows in figure 1A) indicate the increased tide energy towards the north of Brazil and the increased wave energy towards the south.

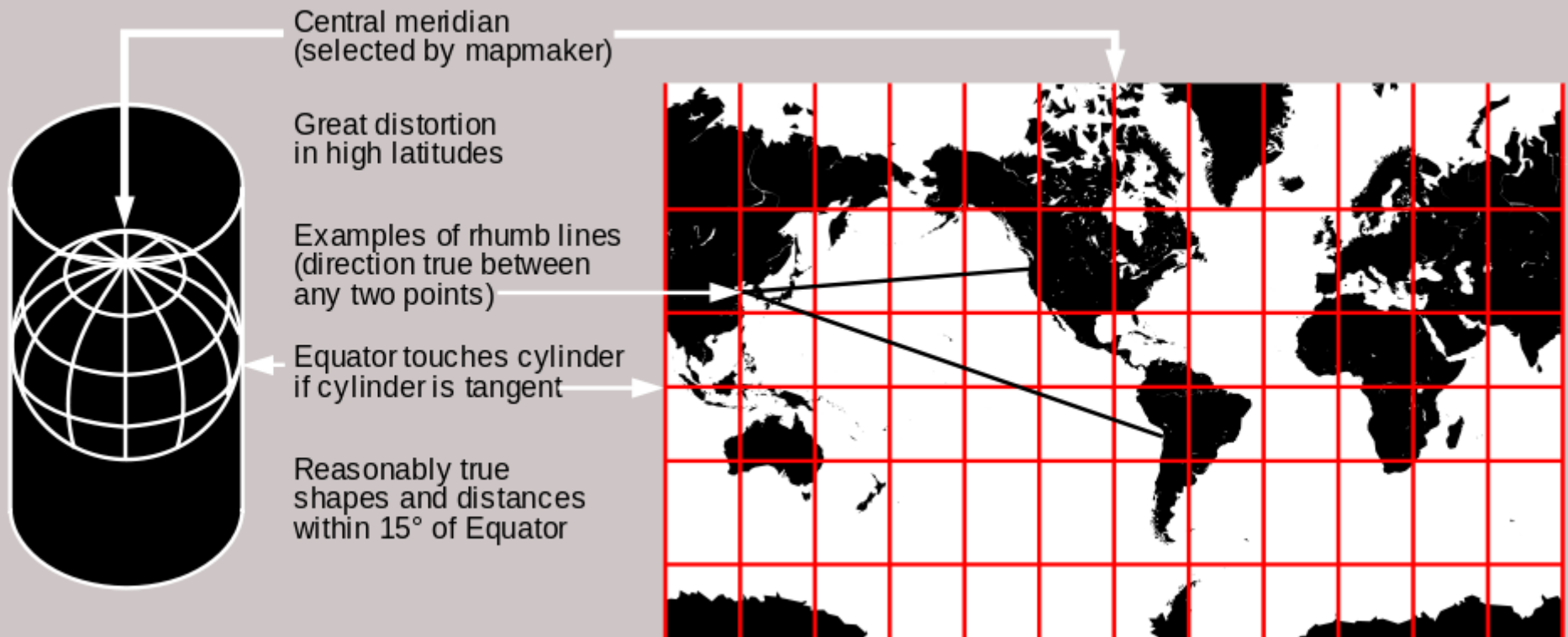




Foto: Michel Michaelovitch de Mahiques

N/Oc Alpha-Crucis (Universidade de São Paulo)



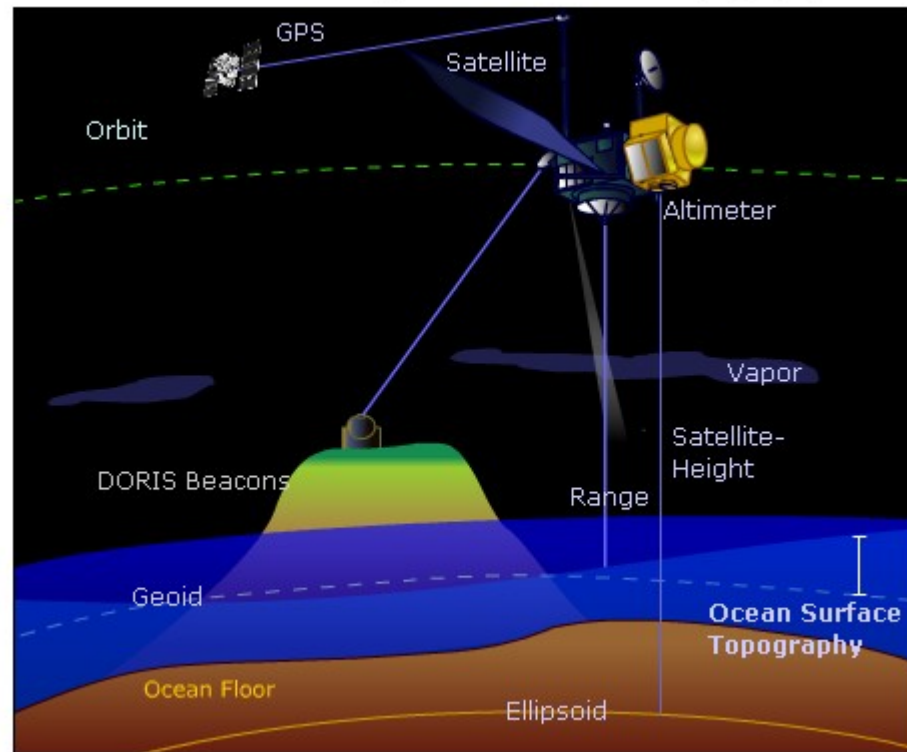
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Glider modelo Slocum–G2

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