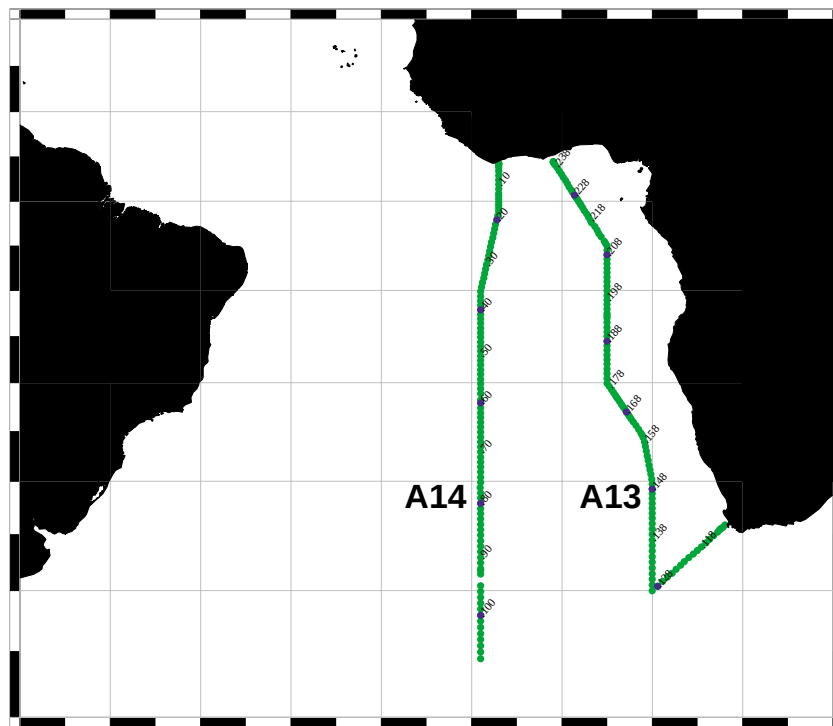


A. CRUISE NARRATIVE (A13 and A14)

A.1. Highlights



WHP Cruise Summary Information

WOCE section designation	A14	A13
Expedition designation (ExpoCode)	35A3CITHER3_1	35A3CITHER3_2
Chief Scientists/affiliations	MERCIER/CNRS-LPO*	ARHAN/IFREMER-LPO**
Dates	1995.JAN.12 - 1995.FEB.15	1995.FEB.18 - 1995.MAR.02
Ship	<i>L'ATALANTE</i>	
Ports of call	Dakar to Cape Town	Cape Town to Dakar
Number of CTD stations	107	135
Geographic boundaries	4°27.41'N 0°58.37'W 18°03.50'E 40°00.47'S	4°21.97'N 9°01.69'W 6°59.35'W 45°32.04'S
Floats and drifters deployed	0	0
Moorings deployed or recovered	0	0

Contributing Authors: A. Billant, P. Branellec, C. Lagadec

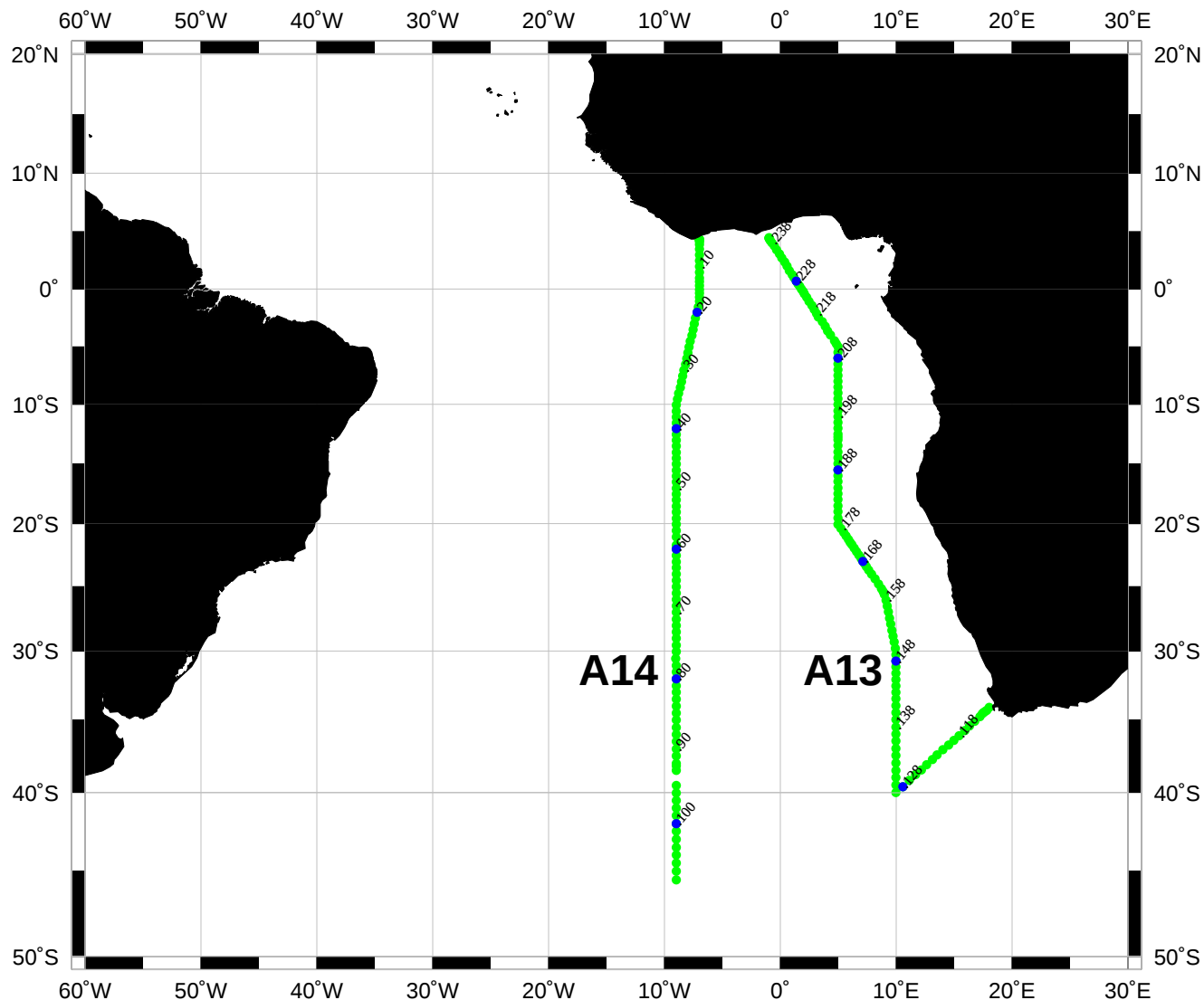
*Dr. Herlé Mercier

Centre National de la Recherche Scientifique • Laboratoire de Physique des Océans
IFREMER/Centre de Brest • UMR 6523 CNRS/IFREMER/UBO • BP 70 • 29280 Plouzané FRANCE
Phone: 33-2-98-22-42-86 • Fax: 33-2-98-22-44-96 • Email: herle.mercier@ifremer.fr

**Dr. Michel Arhan

Institut Français de Recherche pour l'Exploitation de la Mer • Centre de Brest
UM Laboratoire de Physique des Océans • BP 70 • 29280 Plouzané FRANCE
Phone: 33-2-98-22-42-85 • Fax: 33-2-98-22-44-96 • Email: marhan@ifremer.fr

Station locations for A13 (Arhan) and A14 (Mercier) • 1995



Produced from .sum files by WHPO-SIO

CAMPAGNE CITHER 3 – Janvier/Mars 1995

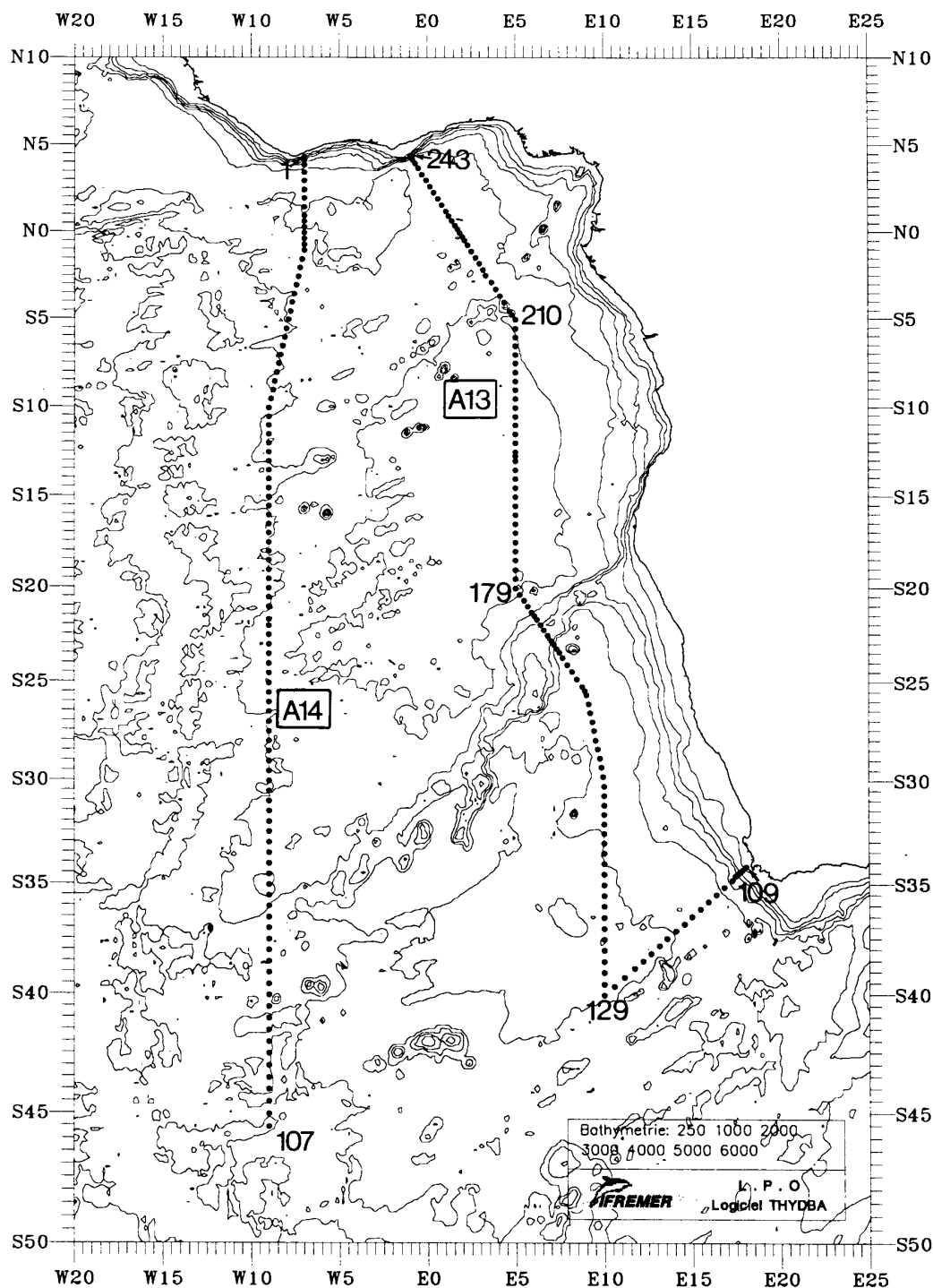


Figure I-1 Carte des stations d'hydrologie/géochimie légère réalisées pendant la campagne CITHER 3.

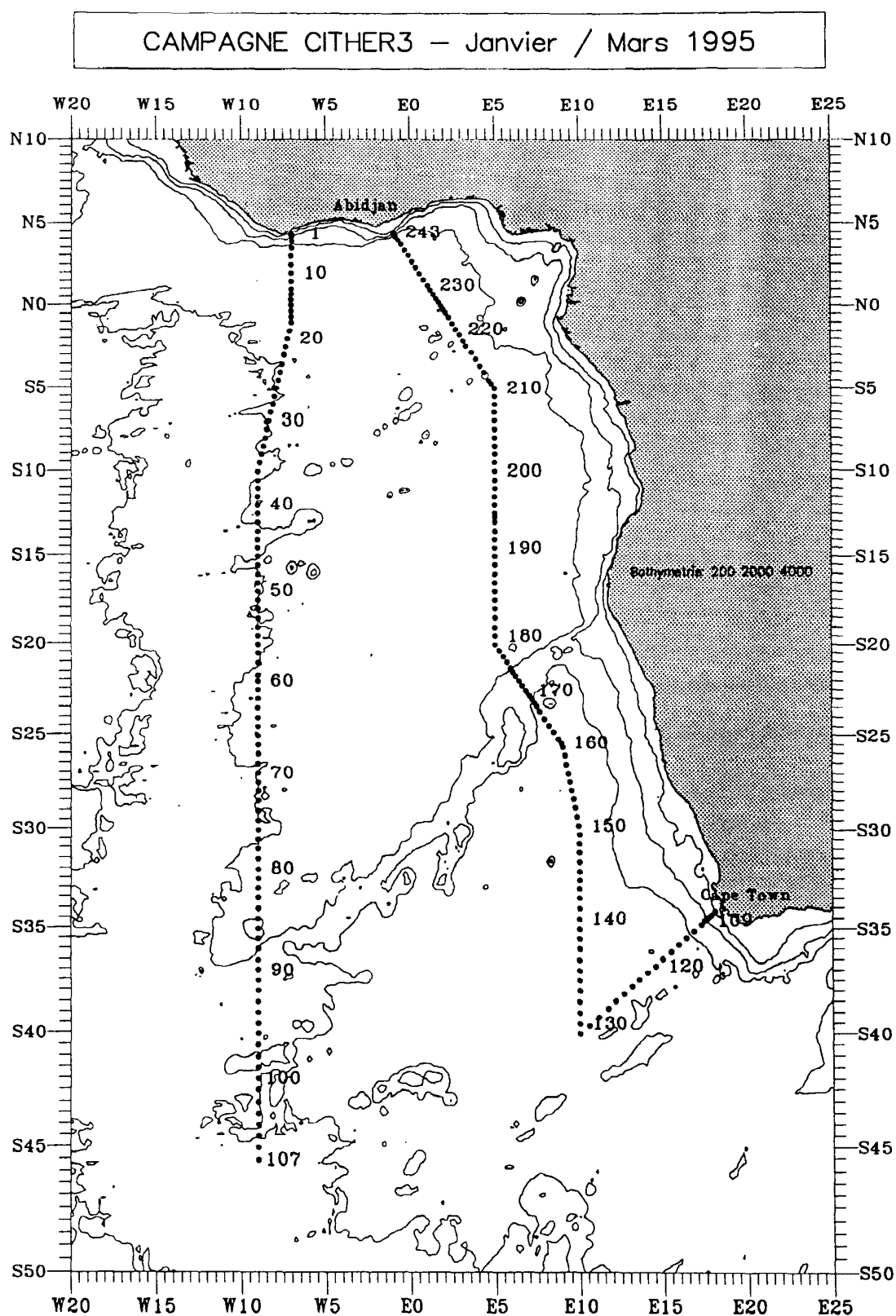


Figure III-1: Position géographique des 242 stations de la campagne CITHER 3.

CAMPAGNE CITHER-3 - Janvier/Mars 1995

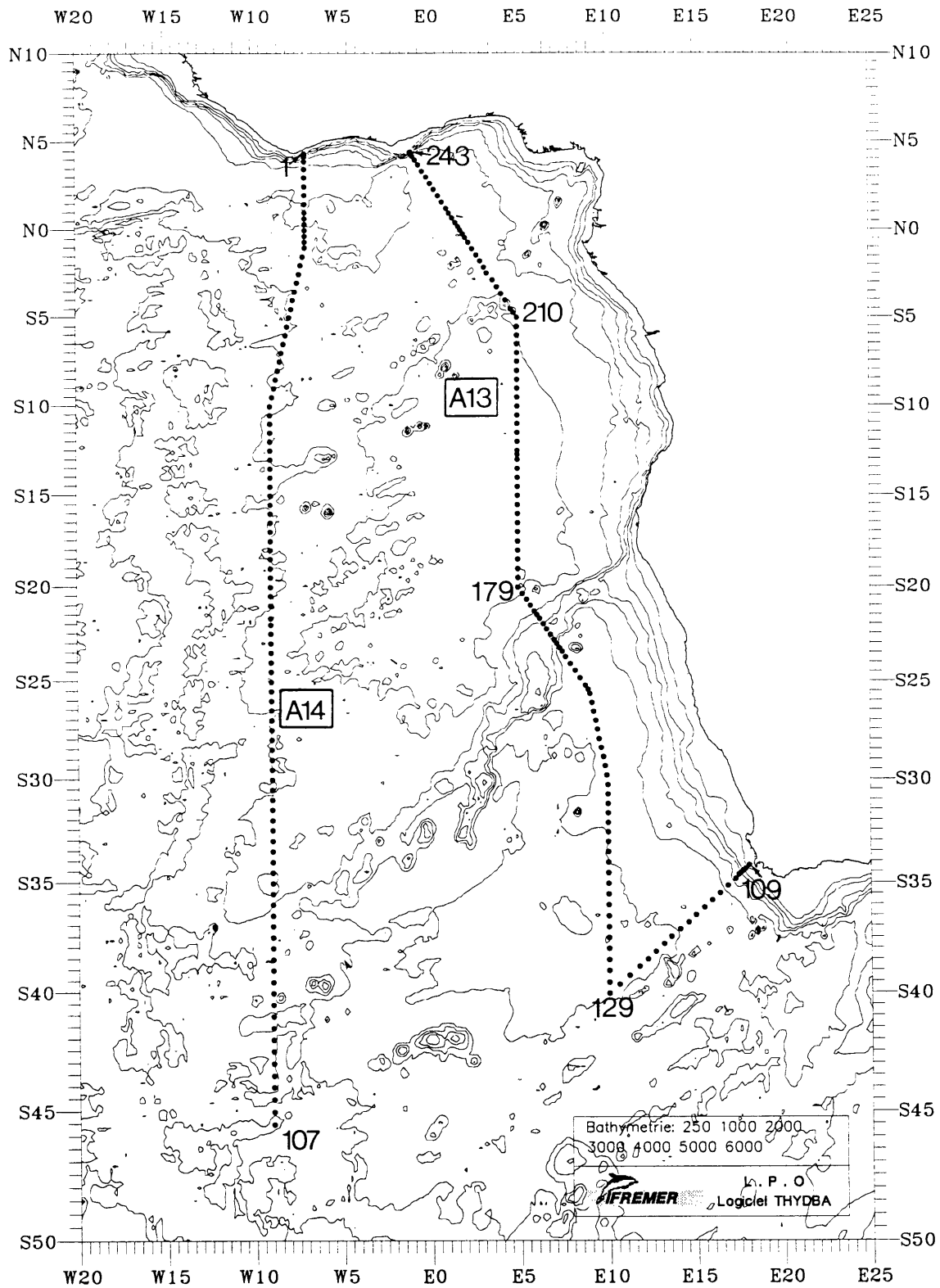


Figure I-1: Carte des stations d'hydrologie/géochimie, légère réalisées pendant la campagne CITHER-3.

CAMPAGNE CITHER-3 - Janvier / Mars 1995

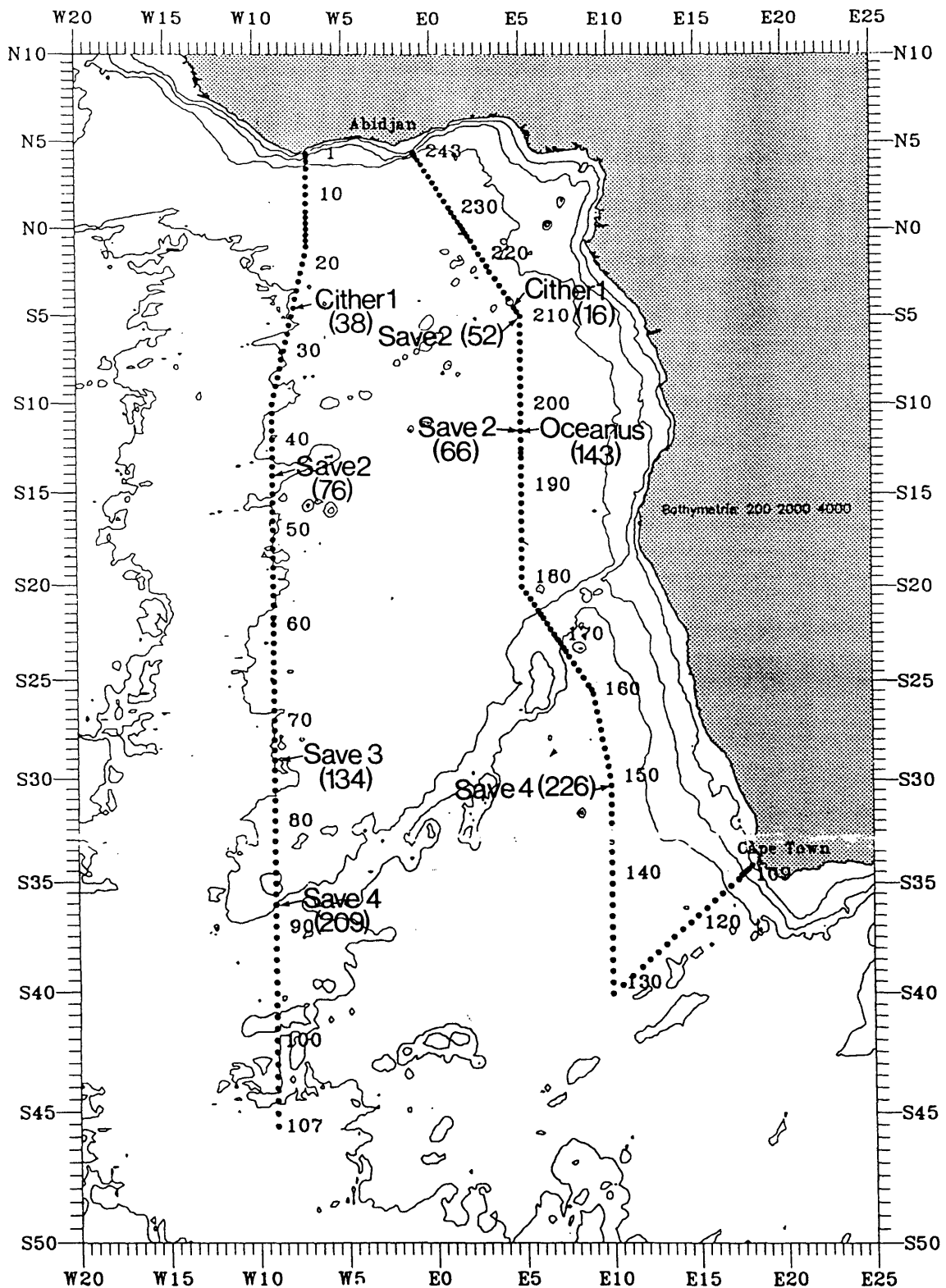


Figure III-6: Position géographique des 242 stations de la campagne CITHER-3. La position des stations CITHER-1 et SAVE utilisées pour comparaison est indiquée.

A13 CTD Data Quality Evaluation

(Robert C. Millard)

2001 NOV 29

The cruise track for WOCE section A13 is shown in **Figure 1**. It is a South to North section ending at 0E & 4.5N. The southerly extend of the section is 40S along first 9E and then jogging to 5E. The beginning position of every tenth station is indicated on **Figure 1**.

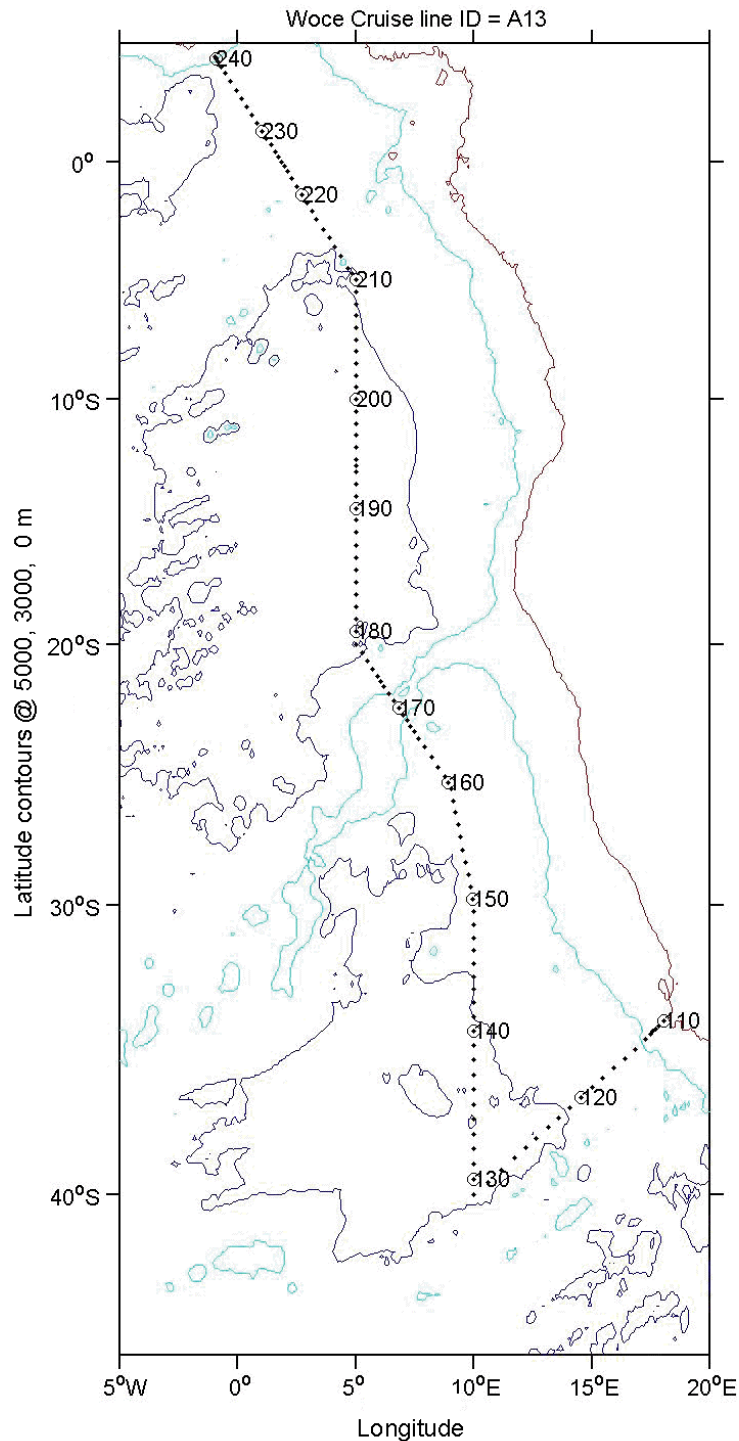


Figure 1: Plot beginning station positions from summary file.

A14 CTD Data Quality Evaluation

(Robert C. Millard)

2001 DEC 10

The cruise track of WOCE section A14 is a North to South section nominally along 9W between 4°N and 45°S as shown in with station positions. The position data is from the station summary file and thus checks the format and beginning stations positions contained in this file. Three depth contours (0, 3000 and 5000 meters) are shown from TBASE to help with the deepwater mass identification by basin. The Angola Basin was crossed between stations 8 and 16 while stations centered between 55 and 65 are around the Guinea Basin.

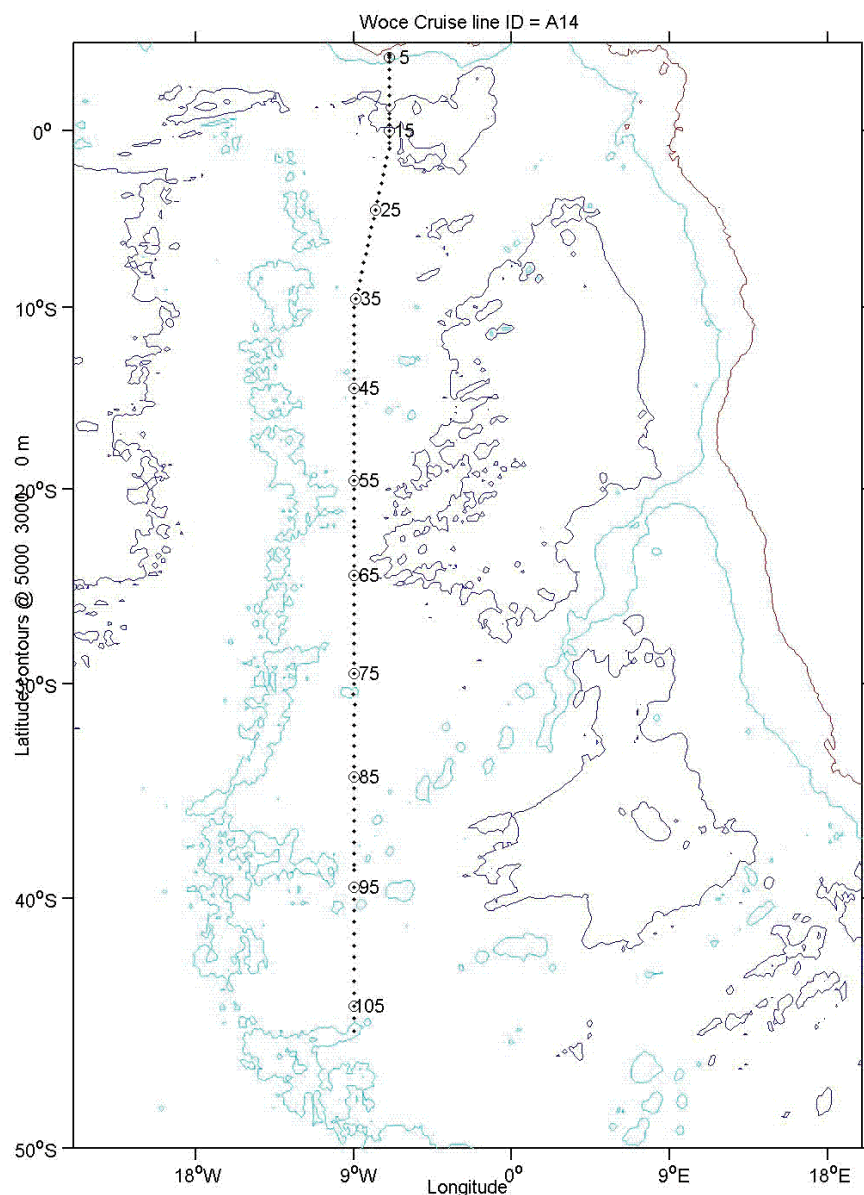


Figure 1: Plot beginning station positions from summary file with every tenth station annotated.