

## National Oceanographic Library Archive

Archive A	Archive A - PROJECT COLLECTIONS
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### MAST Marine Science and Technology Programmes (European Union Projects)

**MAST I, MAST II, MAST III**, A series of projects- Community structure and process in the deep-sea benthos.

Progress Reports and output data

**ALL ITEMS ARE CLOSED**

#### **MAST I - Contract 0037-C (EDB) August 1990-November 1992. Natural variability and the production of change in marine benthic ecosystems.**

The general objective of the **MAST I** Contract, was to describe the natural structure and variability of offshore benthic populations in the north-east Atlantic, and relate these to processes in the physical, chemical and biological environment. There were 11 participating research groups. In general, the results supported the growing view of the deep sea-floor environment as a complex mosaic of high and low physical disturbance and organic supply at a variety of spatial and temporal scales.

Item	Box
MAST I – Final Report, January 1993 (A.L. Rice) Includes 2 Reprints, N.R. Merrett (1992), 'Appendix 9' written on Reprint A. Van Reysel et al (1992) 'Appendix 4' written on Reprint	1
MAST I – Supplementary information, list of posters and presentations	1
MAST I – EDMED Forms/ ROSCOP Forms – Cruise summary reports: RV <i>L'Atlante</i> , 18 May 1992-30 June 1992 RV <i>L'Atlante</i> , 14 September – 25 October 1992 <i>Meteor</i> 10/4, 15 July 1989-31 August 1989 (Inserted in folder (not MAST I)) <i>Meteor</i> 12/3, 27 May 1990-30 June 1990 Sample dataset-name forms	1

## **MAST II - Contract MAS2-CT920033, Community structure and process in the deep sea benthos, 1993-1995.**

The coordinating institution was the Southampton Oceanography Centre –15 Partner institutions from 6 countries collaborated in a study of benthic biology and sediment chemistry at contrasting abyssal sites in the eastern Atlantic. The contract ran from 1 January 1993 - 31December 1995.

The overall objective was to describe the variability of the deep-sea benthos of the NE Atlantic, and relating this to physical and biological distribution. Attention was focused on a small number of sites in the NE Atlantic. Over 70 Published papers resulted from this Programme.

<b>Item</b>	<b>Box</b>
- MAST II, Administration/finance 1993-1996 -	1
- MAST II, Folder of Reprints and abstracts of Papers relating to the Project -	1
- MAST II, Periodic Reports 1993-1995, Black folder, ring binder -	1
- MAST II, Administration/ Finance – correspondence, 1993-1995 -	1
<b>MAST II, Reports and annexes:</b> - MAST II, Proposal PL920013, Technical Annex, August 1992 - Electronic Data Publishing (EDAP) information pack, on submission of data – Irish Marine Data Centre, 16 June 1994. - Progress Report (12 Months), to end December 1993 (AL Rice) - Progress Report (18 Months), to end June 1994 (AL Rice) - Progress Report (24 Months), to end December 1994 (AL Rice) - Progress Report (30 Months), to end June 1995 (AL Rice) - Final Report (36 Months) to end December 1995 (AL Rice) - Final Report, Appendix 1, Page 1, List of references resulting from MAST Contract MAS2-CT920033	2

## MAST III - Contract CT9500019, Project BENGAL, 1994-1998

A Temporal and spatial study of the **BEN**thic biology and **Geochemistry** of a north-eastern **Atlantic Abyssal Locality**. 17 Partner institutions from 9 countries took part in this Project. Intensive geochemical, physical and biological investigation of a highly seasonal abyssal locality in the NE Atlantic abyssal in a series of cruises (United Kingdom, France and Germany) over a single annual Cycle.

Item	Box
Southampton Oceanography centre, Cruise Report, 15, RRS <i>Discovery</i> Cruise 229, 2-31 July 1997. BENGAL – High resolution temporal and spatial study of the BENthic biology and Geochemistry of a north-eastern Atlantic Abyssal Locality, Principle Scientist, B.J.Bett, 1998	1
A Guideline on electronic data publishing for marine projects EDAP – an EU Marine Science and Technology (MAST) supporting initiative. The EDAP Project was led by ISMARE (Irish Marine Data Centre), Dublin.	1
The Mariner System User Guide. Marine Institute, Irish Marine Data Centre. Dublin	1
Project Data Handbook – BENGAL (MAS 3-CT 95-0018). Edn.1.0 20/12/96, Irish Marine Data Centre.	1
GEOMAR Research Centre, Kiel University, Germany. Cruise Report – BENGAL <i>Ic/Meteor</i> No.36, Leg 6, 9 October- 3 November 1996, Vigo – Viana do Castelo. BENGAL – High resolution temporal and spatial study of the BENthic biology and Geochemistry of a North-eastern Atlantic Abyssal Locality and biogeochemical transports of matter and energy in the deep sea, Principle scientist, O. Pfannkuche.	1
BENGAL – High resolution temporal and spatial study of the BENthic biology and Geochemistry of a north-eastern Atlantic Abyssal Locality, Contract No. MAS3-CT950018, Annual Progress Report, 1 February 1997-31 January 1998. Published 1998	1
BENGAL - High resolution temporal and spatial study of the BENthic biology and Geochemistry of a north-eastern Atlantic Abyssal Locality, Annual Report, 1 February 1996 – 31 February 1997. Technical Annexe, MAST Ref.No.PL950055 EC Marine Science and Technology Programmes (MAST 3) 1994-1998	1
Letter from DSM Billett (Southampton Oceanography Centre) to Dr Elizabeth Lipiatou, European Commission, Brussels, Letter 21 April 1998.	1
BENGAL – High resolution temporal and spatial study of the BENthic biology and Geochemistry of a north-eastern Atlantic Abyssal Locality, Contract No. MAS3-CT950018, Progress Report (6 Months) Published August 1996.	1

BENGAL – High resolution temporal and spatial study of the BENthic biology and Geochemistry of a north-eastern Atlantic Abyssal Locality, Contract No. MAS3-CT950018, Progress Report (18 Months) 1 February-31 July 1997, Published August 1997.	1
BENGAL – High resolution temporal and spatial study of the BENthic biology and Geochemistry of a north-eastern Atlantic Abyssal Locality, Contract No. MAS3-CT950018, 6 <sup>th</sup> Month Progress Report, 1 February – 31 July 1998, Published August 1998.	1
Southampton Oceanography Centre Cruise Report, 4, RRS <i>Discovery</i> Cruise 222, Leg 2, 29 August -24 September 1996, BENGAL Cruise Report, Principle Scientist, AL Rice, 1996	1
Southampton Oceanography Centre Cruise Report, 13, RRS <i>Discovery</i> Cruise 226, (12 March – 10 April 1997) High resolution temporal and spatial study of the BENthic biology and Geochemistry of a north-eastern Atlantic Abyssal Locality, Principle Scientist, AL Rice, 1997	1
BENGAL – High resolution temporal and spatial study of the BENthic biology and Geochemistry of a north-eastern Atlantic Abyssal Locality, Contract No. MAS3-CT950018. – Final Report 1 February1996 – 31 January 1999, in ring binder with BENGAL Deep-sea data on CD ROM.	2
MAST III – Publications relating to EUMELI (JGOFS - France) Project BENGAL (12 Papers and 2 press cuttings, 1993-1996), in A4 ring binder (AL Rice)	3
MAST III – (AL Rice), Proposal and Technical Annex for EU Project BENGAL, 1996-1999	3
MAST III - Project BENGAL, MAS3 CT-9500018, BENGAL Deep-sea data compilation, 1995-October 1998, video, pictures, data, RRS <i>Discovery</i> Cruises,135; 217; 226; 229; 236; 237.	3
MAST III – Porcupine Abyssal Plain, CD ROM in folder (Open access – 2 copies held NOL stock S155)	3