

DETAILS OF BELGICA CRUISE ST2006/26 (BSH REF-NO.: 20085062)

GENERAL INFORMATION

| | |
|------------------------|--|
| Platform/Ship | Belgica |
| Cruise begin | 04.12.2006 |
| Cruise end | 08.12.2006 |
| Port of Departure | Zeebrugge, Belgium |
| Port of Return | Zeebrugge, Belgium |
| Chief Scientist(s) | Patrick Roose - |
| Responsible Laboratory | Management Unit of the North Sea Mathematical Models |

LOCATION

| | |
|-----------------------------|-----------------------------|
| General Ocean Areas | North Sea |
| Marsden Squares(S, N, E, W) | 216 (50.0, 60.0, 0.0, 10.0) |
| Bounding Box(es) | |
| Specific Geographic Areas | Belgian Continental Shelf |
| Link to Track Charts | |

PROJECT

| | |
|-------------------|----------------------------------|
| Project Title | BMM-Monitoring -MUMM IAN20070146 |
| Coordinating Body | |

OBJECTIVES

| | |
|-------------|------------------------------|
| Description | CR ST2006/26 - ref ST2006/26 |
|-------------|------------------------------|

ADDITIONAL INFORMATION

| | |
|---------------------------------|--|
| Parameters measured | |
| Instruments used | |
| Linkage / Report / Station list | |

PRINCIPAL INVESTIGATORS

| | |
|---|------------------|
| A | P. Roose - MUMM, |
|---|------------------|

SUMMARY OF MEASUREMENTS AND SAMPLES TAKEN

BIOLOGY & FISHERIES

| PI | Number | Type | Unit | Type of measurement | Description |
|----|--------|------|------|---|---|
| A | 11 | B02 | | Spectrophotometric phaeopigments (Lorenzen)(Unspec filter) | PHAESPZ, IC, 11 at ICES, B02, Spectrophotometric phaeopigments (Lorenzen) |
| A | 11 | B02 | | Phytoplankton pigments (e.g. chlorophyll, fluorescence) | 11 at ICES |
| A | 11 | B06 | | Dissolved organic matter (e.g. DOC) | |
| A | 11 | B06 | | Dissolved Organic carbon (.4um filter) | CORGCOD2, IC, 11 at ICES, B06, Dissolved organic carbon |
| A | 11 | B71 | | Particulate organic matter (e.g. POC, PON) | |
| A | 9 | B71 | | Particulate organic carbon (POC)(Unacidified C/N analysis GFC filter) | CORGCNP3, IC, 11 at ICES, B71, Particulate organic carbon (unacidified - i.e. total carbon) |

CHEMICAL OCEANOGRAPHY

| PI | Number | Type | Unit | Type of measurement | Description |
|----|--------|------|------|---------------------|-------------|
| A | 11 | H21 | | Oxygen | |
| A | 11 | H22 | | Phosphates | 11 at ICES |
| A | 11 | H23 | | Total - P | 11 at ICES |
| A | 11 | H24 | | Nitrates | 11 at ICES |
| A | 11 | H25 | | Nitrites | 11 at ICES |
| A | 11 | H26 | | Silicates | 11 at ICES |
| A | 11 | H28 | | PH | |
| A | 11 | H75 | | Total-N | 11 at ICES |
| A | 11 | H76 | | Ammonia | 11 at ICES |

CONTAMINATION

| PI | Number | Type | Unit | Type of measurement | Description |
|----|--------|------|------|--------------------------------|-------------|
| A | 11 | P01 | | Suspended matter | |
| A | 11 | P02 | | Trace metals | |
| A | 11 | P04 | | Chlorinated hydrocarbons | |
| A | 11 | P90 | | Other contaminant measurements | |

GEOLOGY & GEOPHYSICS

| PI | Number | Type | Unit | Type of measurement | Description |
|----|--------|------|------|---------------------|-------------|
| A | 11 | G02 | | Grab | |

METEOROLOGY

| PI | Number | Type | Unit | Type of measurement | Description |
|----|--------|------|------|-------------------------------|-------------|
| A | 11 | M06 | | Routine standard measurements | |

PHYSICAL OCEANOGRAPHY

| PI | Number | Type | Unit | Type of measurement | Description |
|----|--------|------|------|-----------------------|------------------------------|
| A | 11 | H09 | | Water bottle stations | 11 at ICES(ENQ567ba), S only |
| A | 11 | H10 | | CTD-Stations | |