

INMARTECH 2004 PROGRAMME

21 SEPTEMBER

TO BE HELD AT THE BRITISH ANTARCTIC SURVEY, CAMBRIDGE

If you have any concerns please contact us on the mobile numbers below:

David Blake **07711 178970**

Sophie Harmer **07958 536430**

Posters will be put up in the conference room during the lunch break.

Monday 20 September

0900hrs Bus to collect you from the Porters Lodge, New Hall.
0930 hrs Welcome and introduction
0945 hrs British Antarctic Survey presentation
1015 hrs Coffee/tea

Chair- Woody Sutherland

Research Vessels

1030 hrs RRS Charles Darwin evolves into James Cook.
Edward Cooper (SOC).
1100 hrs The new RV G.O.Sars – a multipurpose research vessel.
Hans Petter Knudsen (Institute Marine Research, Norway).
1130 hrs RRS James Clark Ross – time for a mid-life refit.
David Blake (BAS).
1200 hrs Ships operations within NIWA.
John Hadfield (NIWA).
1230 hrs Lunch

Chair – Steve Bremner

ROVs

1345 hrs ROV and navigation facilities on RV G.O.Sars.
Asgeir Steinsland (Institute Marine Research, Norway).
1415 hrs Loss of the full ocean depth ROV Kaiko – search for the ROV
Kaiko vehicle.
Tetsuji Maki (JAMSTEC).
1445 hrs Loss of the full ocean depth ROV Kaiko. The cause of
secondary cable fracture.
Noriyasu Yamauchi (JAMSTEC).
1515 hrs Coffee/tea

1545 hrs The SOC ISIS ROV.
Peter Mason (SOC).

Buoys

1615 hrs The Triton buoy array .
Atsuo Ito (JAMSTEC)
1645 hrs Recovery of a Triton buoy by Indonesian ship.
Koichi Takao (Marine Works, Japan Ltd.)

1730 hrs Welcome party

Tuesday 21 September

Chair - Mark Willis

- 0930 hrs **AUVs**
Initial test of the Sentry AUV.
Barrie Walden (WHOI)
- 0945 hrs **Moorings**
Mooring deployment techniques (video)
Jack Schilling (NIOZ)
- 1000 hrs A look into a moored observatory and its components.
Andrew Girard (WHOI)
- 1030 hrs **Instrumentation**
Introduction to the Royal NIOZ department of marine
technology and recent projects.
Marck Smit (NIOZ)
- 1100 hrs Coffee/tea.
- 1130 hrs Standardising high-resolution marine meteorology.
Phil McGillivray (US Coastguard)
- 1200 hrs Undulating Towed Body Operations (FlyingFish VPR)
Andrew Girard (WHOI)
- 1215 hrs Lunch
- Chair – Alexander Shor
- 1330 hrs Advances in sediment profiling technology.
Peter Bennett (Kongsberg Simrad)
- 1400 hrs New developments in acoustic reference systems.
Nigel Kelland – (Sonardyne)
- 1430 hrs Instrumentation and data handling on WHOI’s new coastal
research vessel “Tioga”.
Barrie Walden (WHOI)
- 1500 hrs Coffee/tea
- 1545 hrs Tour of BAS
- 1930 hrs Inmartech dinner at New Hall.

Wednesday 22 September

Chair – Barrie Walden

- IT Systems**
0930 hrs IT systems on RRS James Clark Ross.
Jeremy Robst (BAS)
- Data Management**
1000 hrs Geophysical data management 2004 in JAMSTEC
(Bathymetry data management and method of processing.
Shinichi Hosoya (Nippon Marine Enterprises)
1030 hrs Coffee/tea
- 1100 hrs Some quality control procedures of RV Mirai data.
Yasutaka Imai (Global Ocean Development Inc.)
1130 hrs Handling of Bathymetric data at BAS.
Rob Larter (BAS)
- Communications**
1200 hrs Ship to ship/shore wirele ss mesh networking in the UNOLS
fleet.
Toby Martin (Oregon State University) and Val Schmidt
(Lamont-Doherty earth Observatoary)
1230 hrs Lunch
- Chair – Jeremy Armitage
1345 hrs VSAT communications within the British Antarctic Survey
Chris Hill (BAS)
- Calibration**
1415 hrs Calibration of conductivity, temperature and depth (CTD)
instruments.
Paul Ridout (OSIL, UK)
- 1500 hrs Close of meeting.
1515 hrs Coffee/tea

Thursday 23 September

Social Event Participants

0900hrs	David Blake and Sophie Harmer to meet delegates at New Hall and transport them to the Quayside.
0930 hrs	Walking tour of Cambridge with Rosie and Mike including visit to Kings College Chapel
1130 hrs	Madingley, Grantchester
1230 hrs	Lunch at Duxford Lodge Hotel
1400 hrs	Tour of Duxford Air Museum.
1700 hrs	Coach return to Cambridge.

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