

BULGARIAN ACADEMY OF SCIENCES INSTITUTE OF OCEANOLOGY

10th ERVO Annual Meeting 2008

Chartering of Regional Class European R/V and Research Institutes from USA

case study (Black seas)

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Possible chartering of

European Regional class research vessels:

- •All types EU Research projects which connected with sea investigation—
- •Companies(Oil&Gas Pipelines and Communication cables at sea bottom neede preliminary investigations and further control of them.
- •Underwater Culture Heritage (Black sea and Eastern Mediterranean)

All types EU Research projects which connected with sea investigation

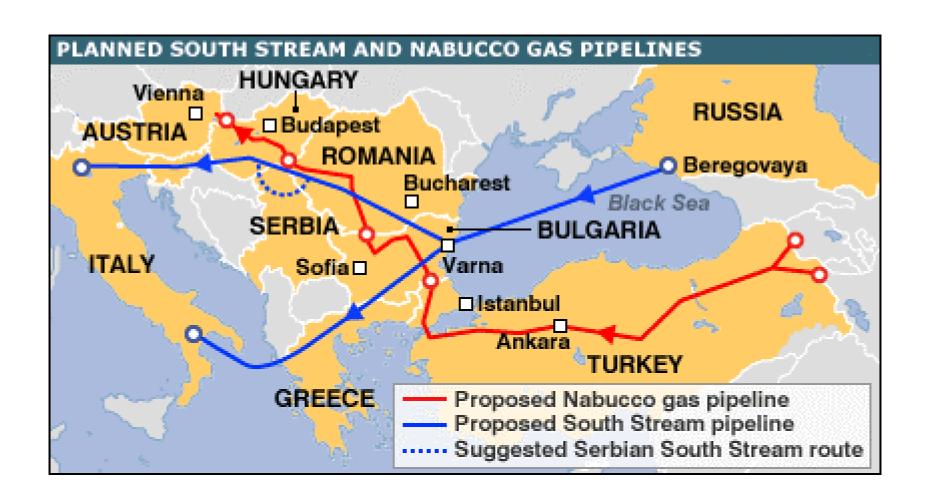
SESAME Integrated Project Southern European Seas: Assessing and modeling

Ecosystem changes -2007

Companies
Oil&Gas Pipelines and Communication cables
at the sea bottom
needed preliminary investigations
and
further control of them.

Melrose Resources Sarl (a Bulgarian Company and subsidiary of Melrose Resources PLC) have used

R/V Akademik 2007



Deep-Sea Underwater Culture Heritage (Black sea)

2001-2002

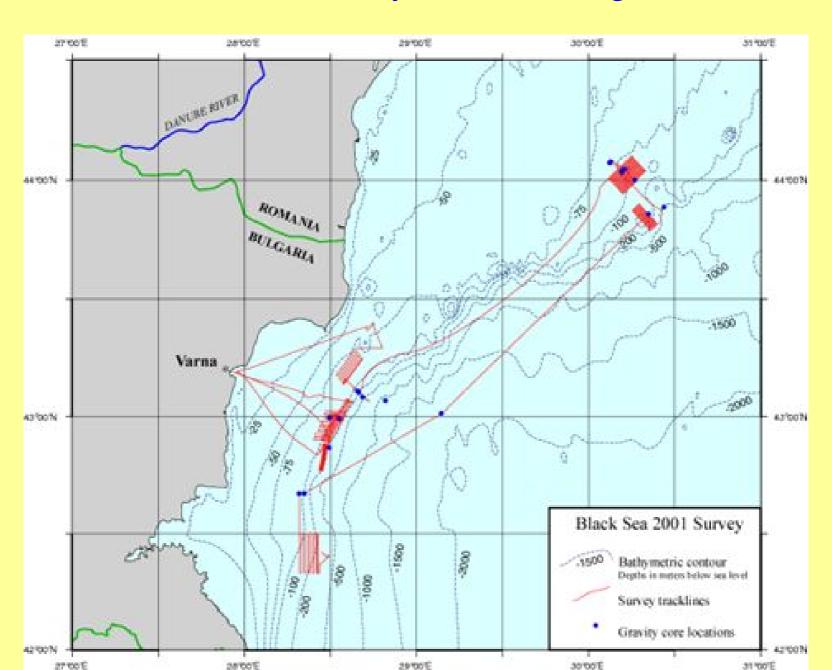
With support from NOAA's Ocean Exploration Initiative and National Geographic Society, R/V Akademik and Bulgarian research 3-person submersible PC-8B were chartered by Institute for Exploration (IFE) (Prof. Robert Ballard) for joint American-Bulgarian investigations for discovering of well-preserved ancient shipwrecks.





Bulgarian Academy of Sciences Research Vessel *Akademik*

Black sea survey 2001 off Bulgaria





The 3-person submersible *PC-8B*, equipped with a scanning sonar, lights, an underwater video camera, and manipulator, is capable of diving to depths of 250 meters.



Distribution

of

the sunken ships

off

BULGARIA

WHOI, MA, USA,

Department of Marine Chemistry of

Aug/Sep 2006, under the

Project of US NSF have chartered

R/V Akademik

for 5 days ship time

took water samples

about

DNA Analyses of water column

in Black sea (shelf and deepwater part of the Black Sea basin).



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Thank you!