

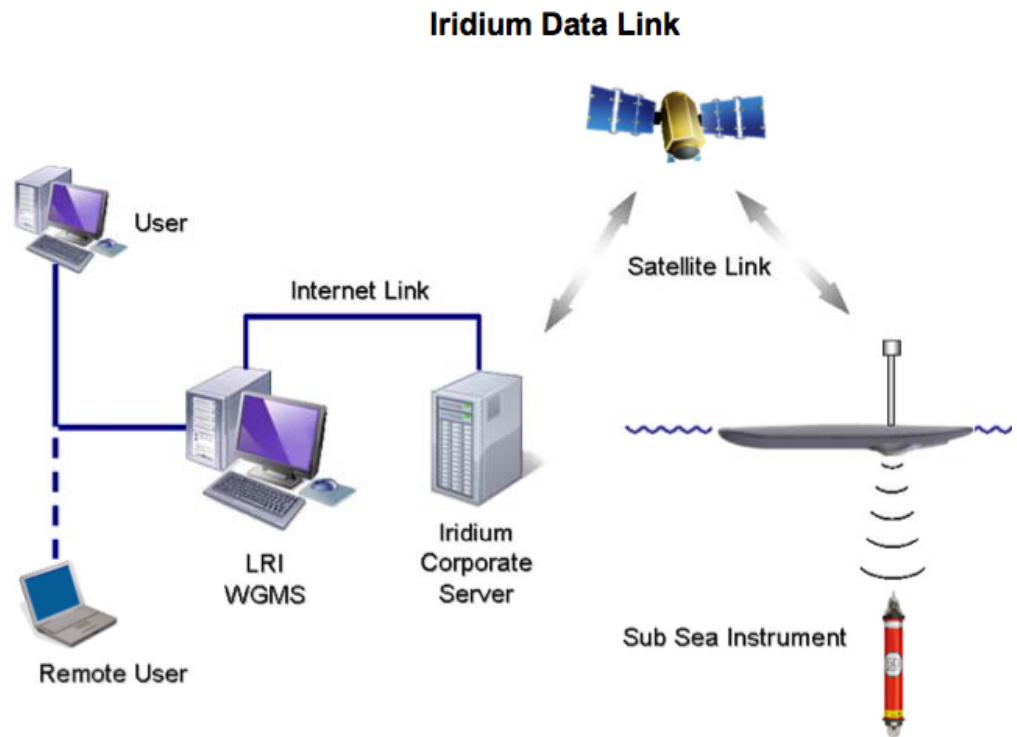
OFEG TECH 24.09.2012



Short Report GEOMAR
by Fritz with input from Jörg Bialas, Klas
Lackschewitz and Klaus von Bröckel

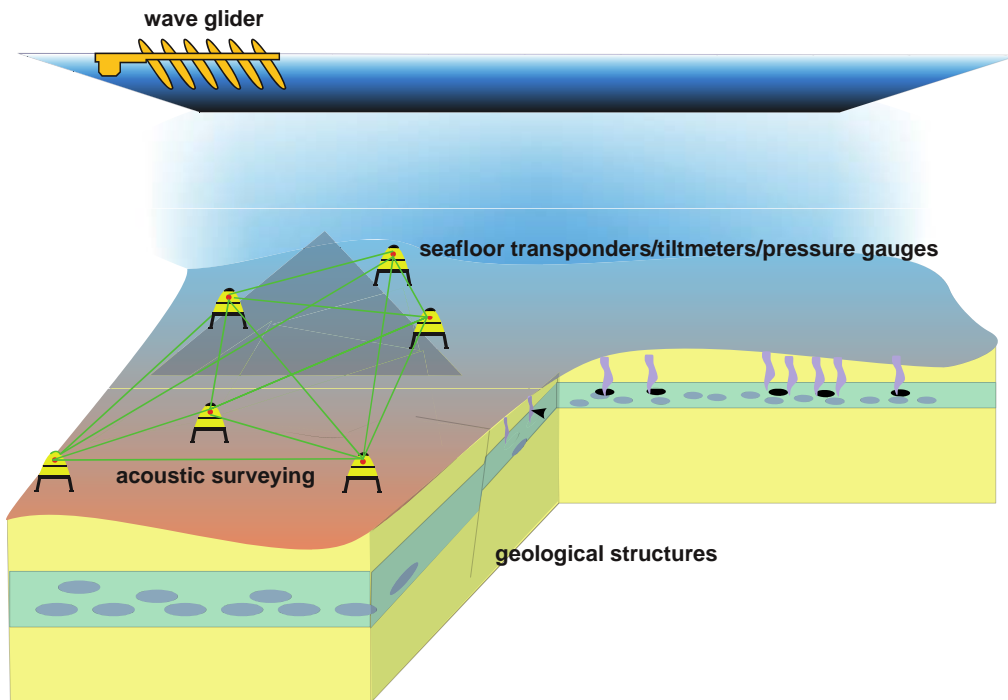
Dynamics of the Ocean Floor

Seafloor Geodesy: Crustal deformation monitoring



Dynamics of the Ocean Floor

- **Seafloor Geodetic Array**



More seismics... not GEOMAR!



Large scale 3D-system with 2x1km streamer
purchased/operated by Federal German Institute
for Geosciences and natural resources

AUV ABYSS



Up to now three cruises in 2012:
Gulf of Cadiz, 8 dives with SSS and Stills Cam
Denmark Strait, 9 dives with SSS and
microstructure probe
Northern Kolbeinsey Ridge: 9 dives with SSS and
multibeam

Longest dive 130km/23hours

Next op: November 2012 Tyrhenian Sea

More details in the talk tomorrow

GEOMAR ROVs



KIEL 6000: 13 dives in the North Sea, RV Celtic Explorer

ROV PHOCA: maiden voyage in Northern Norway and recently recovery in the same area, RV POSEIDON

More details in the talk tomorrow

ROV KIEL 6000 on its way to Fiji for cruise onboard RV SONNE Nov. 2012-January 2013

New RV SONNE II



Still in planning phase not layed on keel jet
More details on Friday session of INMARTECH

New RV POSEIDON

