



6.4 MSP Complementary Projects

ECORD Facility Board Meeting #4

ECORD

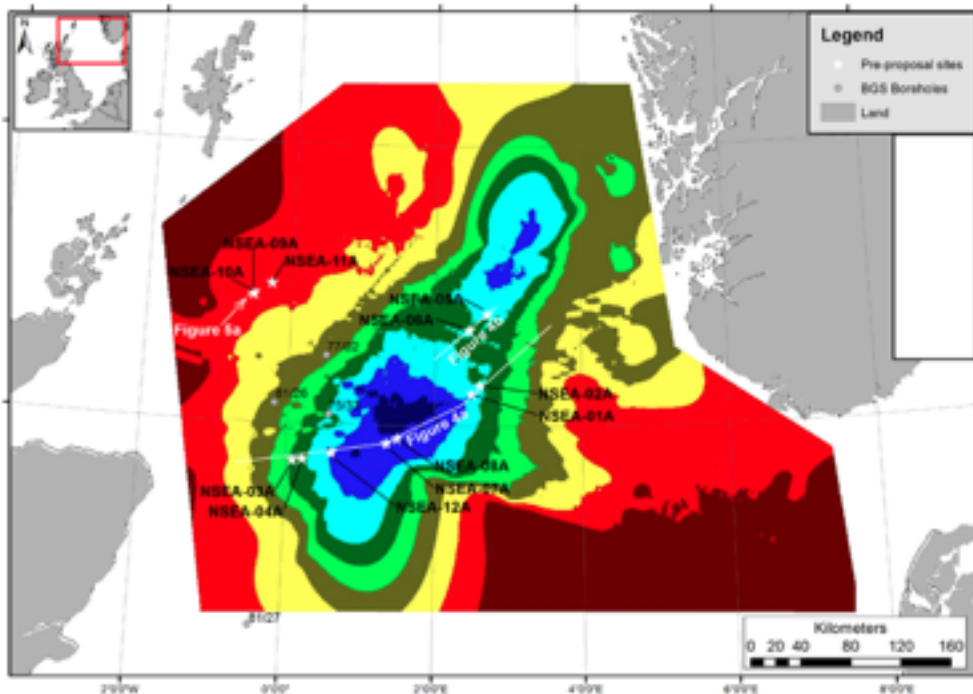
EUROPEAN CONSORTIUM FOR
OCEAN RESEARCH DRILLING

June 15th–16th, 2016 Brussels, Belgium



MSP 852-CPP: North Sea GlaciStore (Stewart)

IODP Theme: Climate and Ocean Change
Region: North Sea (NE Atlantic)



Drilling:

- 4 primary & 8 alternate sites, 100-180 m WD, 30-800 m penetration depths
- drill rig (why not JR?)
- ECORD cost category: medium to high
- possible CPP or industry support?

Objectives:

- Investigate how shallow Neogene and Quaternary sediments form overburden and seal to underlying CO₂ storage reservoirs.
- Establish a depositional and chronological framework for multiple cycles of glacial advance and retreat preserved in the center of the North Sea Basin.
- Characterise the pore fluids (dissolved gases, salts and isotopes) to identify fluid history, age, and degree of mixing.
- Determine the measurable impact on the geomechanical properties (porosity, rock stiffness, in-situ stresses, pore pressure) of underlying strata caused by cycles of glacial loading and unloading.

Site survey data: ●

Needed: Reprocessing of existing MCS data to yield higher resolution, nav, bathy, backscatter, velocity, seafloor samples

Current status at SEP:

04/2016: CPP2 received

MSP Complementary Project

Reflection to be initiated (North Sea Glacistore as a case study) – how to use transit or Geotechnical vessels in transit for oil companies.

Recall: Complementary Project Proposals (CPPs) Guidelines

- A CPP is a Full Proposal that has a commitment from a third party source outside IODP for a substantial amount of financial support, usually 70% of the total costs of a drilling program. Early discussions of potential plans with staff at the Science Support Office or appropriate IO before a CPP are written. The CPPs should be prepared as regular IODP Full Proposals but, in addition, must include a description of the formal / to-be-arranged financial commitment from a third party to support the estimated platform operating costs for the proposed expedition(s).
- The SEP assessment is based on the same criteria as that of a regular Full Proposal. If fast-track consideration is required by the situation, e.g., funding source, operational plans, etc. The SEP may conduct an internal science review, and then forward the proposal directly to the relevant IO(s). If fast track is not required, SEP follows the normal procedures for the Full Proposals.

MSP Complementary Project

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Recall: Complementary Project Proposals (CPPs) Guidelines

- The final decision regarding the implementation of a CPP is made by the FB overseeing the scheduling of the platform in question. The FB may negotiate with the proponents on details of the external funding. The proposal must satisfy all EPSP requirements before it can be implemented. The CPP expeditions follow the normal IODP rules for designation of co-chief scientists, scientific staffing, and the IODP Sample, Data and Obligations Policy that defines the data moratorium, data access, and publication responsibilities. There are two options depending on the situation: fast track and normal track.
- The Executive Bureau recommended that these options should be considered very carefully and on a case-by-case basis without being too strict about the rules. A common practice for different case scenarios may also have to be considered.
- How would a 50% funding be dealt with in a CPP?