

IODP-MI Engineering Task Force Overview

I. Overview

The Engineering Task Force will assist IODP-MI in its effort to bring appropriate technology to the Integrated Ocean Drilling Program that is required to meet the science objectives detailed in the IODP Initial Science Plan. In particular, the ETF will help IODP-MI establish a long term engineering vision for the program, evaluate and utilize IODP Science Advisory Structure (SAS) advice to aid IODP-MI in prioritizing and implementing engineering initiatives, assist IODP-MI in identifying potential vendors and additional engineering experts when needed and help IODP-MI with regular reviews of on-going engineering development projects.

II. Meeting Frequency and Location

- One to two meetings per year
- Meetings will be generally held at the IODP-MI office in Washington, DC. Some meetings may be held at selected vendor locations if needed.

III. Topics

- Determining high-level IODP engineering goals
- Review of SAS advice and prioritization
- Implementation of engineering initiatives
- Evaluate engineering development proposals
- Progress reviews of funded developments
- Review IODP technology road map
- Assist IODP-MI in determination of how best to procure services
- Thematic meetings such as observatory technology, heave compensation, deep drilling or coring techniques.



IV. Membership

Industry and academic members with expertise in scientific drilling, instrument design and fabrication or general engineering practices

a. Core members invitations

- Greg Myers - Chair
- Earl Davis – Pacific Geoscience Centre
- Brian Glass – NASA
- Peter Looijen – Fugro
- Tom Pettigrew – Stress Engineering
- Bernhard Prevedel -International Continental Drilling Program
- Alex Pyne - Antarctic Research Centre
- Tom Williams – Maurer Technologies
- Japanese engineer - TBD

b. Observers

- ESO - Catherine Mevel
- MEXT – Toshiyuki Oshima
- NSF - Jamie Allan
- SAS – TBD
- SASEC - Gaku Kimura

c. Guests

- 1- ESO
- 1- CDEX
- 1- USIO

V. Conflict of Interest

- ETF participants must sign a conflict of interest disclosure statement prior to attending any ETF meetings.
- ETF participants must declare a conflict and excuse themselves from a discussion where a conflict of interest exists.
- Conflict of interest that apply to ETF are:
 - Participant is a proponent to an engineering development/topic being discussed
 - Participant has a contractual relationship to engineering development/topic being discussed
 - Participant stands to gain financially through discussions on the engineering development/topic