

Gas Hydrate

World over gas hydrate is at R&D stage. To meet the challenges of exploring gas hydrate, which is at a research stage the world over, MoPNG / DGH have signed MoU with various agencies for sharing of knowledge and scientific data:

- i) MoU with USGS,
- ii) MoU with US-DOE,
- iii) MoU with US-MMS (now called US -BOEM)
- iv) MoU with JOGMEC, Japan
- v) MoU with GFZ-POTSDAM, Germany
- vi) MoU with IFM-GEOMAR, Germany

Current Status

- a) NGHP carried out the Expedition-01 in 2006. The presence of significant quantities of Gas Hydrate has been established in the KG, Mahanadi and Andaman basins.
- b) NGHP Expedition 02 aims at identifying sites. NGHP Expedition 02 will consist of LWD (Logging while drilling), Coring and wire line logging programme at 20 sites in the deep water KG & Mahanadi basins. The task of identifying locations has been completed. The task of carrying out the drilling and coring programme under the NGHP Expedition-02 has been assigned to ONGC. Expenditure of NGHP Expedition-02 will be shared by 50% funds from OIDB, 20% from ONGC and 10% each from OIL, GAIL and IOCL. ONGC will be executing the NGHP Expedition-02.
- c) Expedition 03 aims at carrying out pilot production testing of at least one site in the Indian deep-water environment. However, the success of Expedition-03 depends on the success of NGHP Expedition-02.

