

MHAC Meeting

Committee Discussion on Gas Hydrates R&D Program

Organization & Initial Discussion Topics

October 19th, 2018

Houston Airport Marriott

1. Fundamental Science Research Areas

- Fundamental research related to **ALL** aspects of methane hydrates, including the effect on the carbon cycle
- Fundamental understanding of how to produce methane from the hydrate reservoir & ground truthing production models with a long-term production test
 - Alaskan North Slope Field Flagship Projects and Gulf of Mexico
- Prospecting/exploration for US (offshore) resources to advance the understanding of the origin, distribution & amount of methane hydrate reservoirs, thus establish an inventory of gas hydrate reservoirs in the US Continental Margins
- Atlantic Margin, Gulf of Mexico, and the NW US

2. Maintaining the U.S. Technical Leadership

- Support of DOE Methane Hydrate Flagship Programs
 - Alaskan North Slope Project
 - Gulf of Mexico Project
- Participation in & Leverage International Programs
- Coordination/collaboration with other agencies, e.g. USGS, NSF, ACS, Industry Outreach
- Budgetary Priorities
- MHAC Committee participation to help DOE with proposal calls/evaluations/future announcements on proposal topics...?

3. Education & Public Outreach

- DOE Methane Hydrate Fellowships
- Public dissemination of information at all levels
 - DOE workshops on methane hydrates
 - Outreach to schools, universities