

FPSOs

Present and Future

A workshop for engineers, managers, regulators and executives involved in assessing FPSOs as a viable and acceptable option for the Gulf of Mexico and other offshore areas.



Conducted by the
**Offshore Technology
Research Center**

Sponsored by the
**Minerals Management Service
U.S. Coast Guard
DeepStar**

June 7-8, 2000
Adams Mark Hotel, Houston, Texas

Objectives

The objectives of this workshop are

- to promote an open and comprehensive discussion of experiences and concerns based on the worldwide operations of FPSOs,
- identify operational and regulatory issues and successful practices that have resulted from these experiences
- identify needs for new technology to address these concerns

This workshop will build on the worldwide FPSO experience and ongoing studies, and focus on operational, regulatory, and technical issues not being addressed elsewhere, including

- Oil storage and offloading
- Manning and evacuation
- Permanent versus disconnectable systems
- Vessel motion and stability
- Conversion versus new-build vessels
- Gas handling/transport

Invited International Participants

UK: Health and Safety Executive
New Zealand: Occupational Safety & Health Service
Norway: Norwegian Petroleum Directorate
Brazil: Petrobras, ANP
Mexico: Instituto Mexicano del Petroleo
Australia: Department of Mines & Energy- Western Australia
Canada: Canada Newfoundland Offshore Petroleum Board

Registration Form

Name _____	Address _____
Position _____	City _____
Company _____	State _____
Daytime Telephone No. _____	Zip Country _____
Daytime Fax No. _____	E-mail Address _____

Course Fee: \$150 per person (includes proceedings, continental breakfast, luncheon, coffee breaks, and reception)

Enrollment: Advance enrollment is required and may be made by individuals or companies. Applicants must mail completed enrollment application and enclose a check or government purchase voucher for \$150 per person payable to the Offshore Technology Research Center. NO CANCELLATIONS WILL BE GRANTED AFTER JUNE 1, 2000

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Registration Deadline is June 1, 2000

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E.G. Ward - Phone: 979-862-2288; E-mail: egward@tamuedu

Workshop Format

The first day of the workshop will include panels of invited speakers as well as open discussions. A panel of representatives from worldwide regulatory agencies will make presentations addressing the issues above based on their experiences with FPSO's. These presentations will be followed by a session in which a panel of industry representatives will have the opportunity to respond to these presentations and issues. An open question and discussion session for workshop attendees will follow.

The second day will include a series of technical sessions to discuss technology needs related to the issues discussed on the first day. These will be formatted as panel discussions with brief technical presentation to focus and promote identification and discussion of technology needs by attendees.

Proceedings from the workshop will document the major learnings and conclusions from the discussions of the issues and the technology needs that are identified.

Preliminary Agenda

Wednesday, June 7, 2000

8:00 - 8:30 Registration and Continental Breakfast
8:30 - 8:40 Welcome/Workshop Objectives
E.G. Ward, Offshore Technology Research Center
8:40 - 9:00 Opening Remarks/Keynote Presentation
Minerals Management Service
9:00 - 9:20 Opening remarks/Keynote Presentation
U.S. Coast Guard

Session I: Panel of Invited Speakers

Chair - J. Phil Willbourn, Offshore Technology Research Center

9:20 - 9:40 United States: Minerals Management Service
9:40 - 10:00 United States: U.S. Coast Guard

10:00 - 10:20 BREAK

10:20 - 10:40 Australia: Department of Mines & Energy-Western Australia
10:40 - 11:00 Canada: Canada Newfoundland Offshore Petroleum Board
11:00 - 11:20 Brazil: Petrobras, ANP
11:20 - 11:40 New Zealand: Occupational Safety & Health Service
11:40 - 12:00 Mexico: Instituto Mexicano del Petroleo

12:00 - 1:00 LUNCH

Continuation of Session I

1:00 - 1:20 Norway: Norwegian Petroleum Directorate
1:20 - 1:40 United Kingdom: Health and Safety Executive

Session II: Panel of Industry Representatives

Chair - J. Phil Willbourn, Offshore Technology Research Center

1:45 - 2:00 Ed Medley, BP Amoco
2:00 - 2:15 Scott Young, Chevron
2:15 - 2:30 Garth Harrison, Texaco

Session III: Panel of FPSO Contractors

Chair - J. Phil Willbourn, Offshore Technology Research Center

2:30 - 2:45 Didier Keller, SBM
2:45 - 3:00 Peter Farman, Navion
3:00 - 3:15 Bruce Crager, Oceaneering

3:15 - 3:45 BREAK

Session IV: Panel of Certification Agencies

Chair - J. Phil Willbourn, Offshore Technology Research Center

3:45 - 4:00 American Bureau of Shipping
4:00 - 4:15 Det Norske Veritas
4:15 - 4:30 Lloyds Registry

Session V: Audience Response to Speakers

Moderator - J. Phil Willbourn, Offshore Technology Research Center

4:30 - 5:30 Question and Discussion Period
5:30 - 5:45 Closing Comments
J. Phil Willbourn, Offshore Technology Research Center

5:45 ADJOURN

6:00 - 8:00 WORKSHOP RECEPTION

Thursday, June 8, 2000

8:00 - 8:30 Registration and Continental Breakfast
8:30 - 8:50 Overview of the First Day's Discussion and Directions/Objectives of the Panel Discussions
J. Phil Willbourn & E.G. Ward, Offshore Technology Research Center

8:50 -9:00 BREAK - Move to Meeting Rooms

9:00 - 10:30 Panel Discussions on FPSO Issues (Concurrent Sessions)

Session I: Oil Storage and Offloading

Moderator: Dick Ingels, Chevron
Panelist: TBN

Session II: Manning/Evacuation

Moderator: Chuck Steube, Conoco
Panelist: TBN

10:30 - 11:00 BREAK

11:00 - 12:30 Panel Discussions Continue (Concurrent Sessions)

Session III: Permanent /Disconnectable Systems

Moderator: Tom Koster, BP Amoco
Panelist: TBN

Session IV: Conversions vs. New Builds

Moderator: Bob Wolfram, ExxonMobil
Panelist: TBN

12:30 - 1:30 LUNCH

1:30 - 3:00 Panel Discussions Continue (Concurrent Sessions)

Session V: Vessel Motion/Stability

Moderator: Richard D'Souza, Brown & Root
Panelist: TBN

Session VI: Gas Handling/Transport

Moderator: Ken Arnold, Paragon Engineering
Panelist: TBN

3:00 ADJOURN