

FPSO ENVIRONMENTAL IMPACT STATEMENT

- Programmatic FPSO EIS prepared by MMS
- Required by NEPA
- Final FPSO EIS published in Jan 2001
- Considered a “base case” FPSO
- Described the “alternatives” considered
- Described expected environmental impacts
- Provided no “decision”

FPSO EIS “BASE CASE”

- Purpose built, double hull FPSO
- Turret moored, weathervaning, no propulsion
- 1,000,000 bbls crude oil storage
 - 150,000 bbls/day oil production
 - 200 million cubic feet/day gas production
- Vessel length - 730' Width 150
- Tandem Offloading
- Designed to 100 year return events
- Shuttle tanker 500,000 bbl U.S. flag ship

FPSO RECORD OF DECISION

- Signed by MMS December 13, 2001
- MMS Selected Alternative “B1”
 - Conceptual approval of FPSO use
 - Central and Western GoM
 - No FPSO in USCG “Lightering Prohibited” zones for period of 2 years (MMS & USCG consultation)
 - Water depths greater than 200 meters

More Environmental Challenges

- Site Specific Environmental Assessment
 - Assumes reasonable alignment with “Base Case”
 - Site specific oil spill risk analysis likely
 - Spill Modeling
 - Resources at risk (fish, mammals, birds, wetlands, etc.)
 - Detailed analysis of site specific pollution response planning
 - More extensive technical & environmental documentation of systems not consistent as part of “Base Case”
- DWOP required
- DOCD required (Environmental section can “tier” off FPSO EIS but must address site & facility specific issues)
- Too much difference---possibly triggers new EIS