

ANNEX I

MMS TA&R OSER Reviewed Projects List

TA&R Project No.	Project Name
629	Assess the Design and Inspection Criteria and Standards for Wave and Current Energy Generating Devices
628	Assess the Design/Inspection Criteria/Standards for Wave and/or Current Energy Generating Devices
622	Impact of Marine Growth on Pipeline Risers for Floating Facilities JIP
621	High Pressure High Temperature (HPHT) Elastomer Evaluation
618	Comparative Study of Offshore Wind Turbine Generators (OWTG) Standards
609	Reliability vs. Consequence of Failure for API RP 2A Platforms Using API Bulletin 2INT-MET
606	Hybrid Well Riser Risk of Failure and Prevention
602	Cement Fatigue and HPHT Well Integrity with Application to Life of Well Prediction
601	Seabed Scour and Buried-Pipeline Deformation due to Ice Ridges
597	Assessment of Superstructure Ice Protection as Applied to Offshore Oil Operations Safety: Problems, Hazards, Needs and Potential Transfer Technologies
596	Sea-Spray Icing of Drilling and Production Platforms
593	Jackup MODUs: Assessment Checksheet for Hurricane Season
591	Evaluate Accuracy of Polyester Subrope Damage Detection Performed by ROVs Following Hurricanes and Other Events
584	Exploration and Production Options for Cold Regions of the US Outer Continental Shelf
583	Characterizing Material Performance for Design of Sour Service HPHT Equipment in Accordance with API RP 6HP Practices
582	A Probabilistic Approach to Risk Assessment of Managed Pressure Drilling in Offshore Drilling Applications
581	Pipeline Damage Assessment from Hurricane Katrina/Rita
580	Hindcast Data on Winds, Waves and Currents During Hurricane Katrina and Rita
579	Joint Industry Project to Study Risk-Based Restarts of Untreated Subsea Oil and Gas Flowlines in the GOMR
578	Assessment of Fixed Offshore Platform Performance in Hurricanes Katrina and Rita
577	Design Options for Offshore Pipelines in the US Beaufort and Chukchi Seas
575	Torpedo Piles for Gulf of Mexico Applications
572	Deepwater Riser Fatigue Life, Modeling & Standard Study
571	Loads Due to Extreme Wave Crests
570	Measurement of the Effect of Depth Below Mudline of Charge Placement During EROS
566	Assessment of the Acceptability and safety of Using Equipment, Particularly BOP and Wellhead Components at Pressures in Excess of the Rated Working Pressure

TA&R Project No.	Project Name
565	Guidelines for the Integrity Assessment methods of Piggable and Unpiggable Pipelines in the Gulf of Mexico
559	Offshore Hurricane Readiness & Recovery Conference
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558	Composite Repair Methods for Steel Pipes
556	Risk Assessment of Submarine Slope Stability - Hydroplaning
553	Pipeline Damage Assessment from Hurricane Ivan
552	Mudslides during Hurricane Ivan and an Assessment of the Potential for Future Mudslides in the Gulf of Mexico
551	Assessment of Drilling and Workover Rig Storm Sea Fastenings on Offshore Floating Platforms During Hurricane Ivan
550	A Pilot Study for Regionally-Consistent Hazard Susceptibility Mapping of Submarine Mudslides, Offshore Gulf of Mexico
549	Assessment of Fixed Offshore Platforms in Hurricane Ivan, Andrew and Lili
548	Examination and Review of Mobile Offshore Drilling Unit (MODU) Loss of Station-keeping Ability During Hurricane Ivan and Assessment of Current Mooring Standards and Criteria to Prevent Similar Failures
543	Recommended Practice for the Structural Integrity Management of Fixed Offshore Platforms
541	Application of Dual Gradient Technology to Top Hole Drilling
540	Risk Assessment of Surface vs. Subsurface BOP's on Mobile Offshore Drilling Units
538	Controlling Underwater Noise from Offshore Gravel Islands During Production Activities
536	Vertical Access Riser Comparative Risk Assessment
535	Accuracy of Liquid Level Sensors
534	Development of Accurate Methods for Predicting Hydrocarbon Dew Points
533	Development of Accurate Sampling Systems and Methods for Monitoring Water Vapor in Natural Gas Streams
532	Deepwater GOM Pipeline Damage Characteristics and Repair Options
531	SCR Integrity Management JIP
522	Methodologies for Measuring and Monitoring Hydrogen for Safety in Advanced High Strength Linepipe Steel Applications
519	Drilling and Completion Gaps for High Temperature and High Pressure In Deep Water
510	Seafloor Interaction with Steel Catenary Risers
509	Interstitally Insulated Pipe
503	Evaluate and Compare Hurricane-Induced Damage to Offshore Pipelines for Hurricane Lili
502	Assessment of New Repair Techniques for Ageing or Damaged Structures
500	Risk Comparison of Subsea vs. Surface Processing

TA&R Project No.	Project Name
497	Probabilistic Reliability and Integrity Assessment of Large-Diameter Compliant Risers for Ultra-Deepwater Operations
496	Design of Cathodic Protection Systems for Deep Water Compliant Petroleum Production Risers
495	Risk Assessment and Evaluation of the Conductor Pipe Setting Depth On Shallow Water Depths
494	New Touch-Down Zone Solutions for Steel Catenary Risers (SCRs)
491	Risk Assessment for Submarine Slope Stability
490	CRA for Composite Drilling and Production Risers
488	Global Analysis of FPSO and Shuttle Tanker During Offloading
487	An Assessment of Magnetization Effects on Hydrogen Cracking for Thick Walled Pipelines
482	Spar Vortex Induced Motions
481	Deepwater Riser VIV Project - CFD Simulation of Riser VIV
480	An Assessment of Safety, Risks and Costs Associated with Pipeline Removals
474	Evaluation of Safety Concerns during Well Testing from OCS Drilling Rigs
473	Integration of Human factors within Safety Assessment and Management with Specific Reference to Human Limitations in Response to Automated data inputs from Control Room Management & Monitoring Systems
472	Project Offshore Deep Slope, Phase II, Progress Report
471	Assessment of Performance of Deepwater Floating Production Facilities
470	International Workshop on Advances in Research and Development of Coatings for Corrosion Protection of Offshore Oil and Gas Facilities
469	Post Mortem Failure Assessment of Drilling Rigs During Hurricane Lili
468	Ice Island Study
467	Hindcast Study of Winds, Waves and Currents in N. GOM in Hurricane Lili (2002)
466	Validation and Calibration of API-RP-2A Using Hurricane Lili to Update the Hurricane Andrew JIP Results
464	Development of Integrity Methodologies for the Topsides of Offshore Production Facilities
463	Evaluation of Shear Ram Capabilities
461	Characterizing Natural Gas Hydrates in the Deepwater Gulf of Mexico
459	Comparative Risk Assessment of the Decommissioning Options for Large Platforms in the POCSR
455	Review of Shear Ram Capabilities
454	Safe Design of Hot On-Bottom Pipelines with Lateral Buckling (SAFEBUCK)
446	ROV/AUV Capabilities
442	Intelligent Systems for Pipeline Infrastructure Reliability (ISPIR)
441	Mitigating Green Water Damage Through Design

TA&R Project No.	Project Name
440	Development and Assessment of Well Control Procedures for Extended Reach and Multilateral Wells Utilizing Computer Simulation
437	Reliability Analysis of Deepwater Anchors
434	Strain-Based Design of Pipelines
433	Evaluation of Methods of Detecting and Monitoring of Corrosion Damage in Risers
432	Regional Synthesis of the Sedimentary Thermal History and Hydrocarbon Maturation in the Deepwater Gulf of Mexico
431	Evaluation of Secondary Intervention Methods in Well Control
429	Oil Platform Removal Using Engineered Charges: In-Situ Comparison of Engineered and Bulk Explosive Charges
426	Long Term Integrity of Deep-Water Cement Systems