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	Manuscript for Review	January 5, 2005
	Final Manuscript due	March 31, 2005

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Some 70 technical and industry sessions with participation from some 45 countries will emphasize tentative topics:

OFFSHORE TECHNOLOGY & OCEAN ENGINEERING

Deepwater /Ocean Systems & Technology
FPSO, SPAR, TLP & Compliant Structures
LNG/LPG and Terminal
Hydroelastic Analysis, VLFS
Metocean & Design Conditions: Climate,
Waves, Analysis
Subsea Systems & Operations
Deepwater & Deep-Ocean Developments
Inspection, Reassessment, Fire & Safety
Field Measurements

Pipelines, Risers, Cables & Mooring

Mechanics of Deepwater Risers & Mooring
Mooring, Cables
Offshore and Arctic Pipelines
Reliability, Integrity & Safety, Materials
Forces, Dynamics, **Limit-State Design**

Resources & Renewable Energy

Ocean Energy & Offshore Wind Energy
Ocean Resources and Deep-Ocean Mining
Gas Hydrates

GEOTECHNICAL ENGINEERING

Soil Properties and Improvements
Foundations & Pile
Geotechnical Earthquake Engineering
Geo-Environment

OFFSHORE MECHANICS

Hydrodynamics

Waves; nonlinear, numerical, internal...
Numerical Wave Tank
Hydrodynamic Forces
Dynamic Responses, Earthquake Responses
Fluid-Structure Interactions, Vibration Control
Computational Fluid Dynamics (CFD)
Vortex Shedding & VIV

Mechanics, Structures & Reliability

Risk, Safety and Reliability
Engineering Reliability
Collision, Impact, Damages
Earthquake Engineering
Structural Mechanics, Ultimate Strength

OCEAN & POLAR ENVIRONMENTS

Environmental Impact and Modeling
Coastal, Marine, Arctic & Antarctic
Oil Spill and Control

ISO and Standards

Remote Sensing
Computational Mechanics
Measurement Techniques

COASTAL ENGINEERING

Waves, Wave Impact, Tsunami, Group Waves
Breakwater, Innovative Port, Storm Surge

ICE/POLAR ENGINEERING & SCIENCE

Ice Mechanics, Modeling and Forces
Ice-Structure Interactions & Ice Breaking
Ice Conditions, Forecasting & Navigation
Atmospheric Icing
Environment

MATERIALS, WELDING & SMART STRUCTURES

Steel and Metal Tech. and Development
Welding, Robotics Automation
Composites & Smart Structures...
Fatigue, Fracture, Corrosion Fatigue & SCC
Tubular Structures, Joints & Members

HIGH-PERFORMANCE MATERIALS Symposium: *Advanced Welding of Structural Materials*

ADVANCED SHIP TECHNOLOGY

Naval Systems, LNG/LPG
Ship Hydrodynamics and Structures

UNDERWATER SYSTEMS & OCEANOLOGY

AUV, ROV, Robotics & Subsea Intervention
Optics, Acoustic Data/Communication
Smart Vehicles
Deep-ocean, real-time and environ monitoring
Sensors, Networking & Control

PAPER REVIEW AND PUBLICATIONS. All papers will be rigorously reviewed prior to acceptance. The accepted papers will be included in the Conference proceedings, which will be available at the Conference and for worldwide distribution. Papers of archival value will be further considered for publication in the *International Journal of Offshore and Polar Engineering*.

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