Thursday, March 29, 2001

Session 6

Offshore Facilities: Design, Construction and Operations

Chairmen: H. O’Donnell - Saipem UK
            M. Pulga - Eni Div. Agip

• International Standards for the Oil & Gas Industries: an Update Paper
  C. L. Stark - BP Amoco Corporation,
  J. A. Heimer - ExxonMobil Production Company,
  A. Loppinet - CENTL 12, A. R. Johansen - Norsk Hydro ASA,
  G. Thomas - BP Amoco Group, M. Prazzoli - Eni Div. Agip,
  N. Reeve - Shell International E&P B.V.

• Platform Installation in Soft Soil (Pin Piles Technique)
  S.A. El Latif – Petrobel,
  A. Fisogni, A. R ossanese, G. Bergamin - Eni Div. Agip

• Gas Platform – High Integrity Pressure Protection System, A Case History.

• Floating Production Platform for Middle Sea Depth
  S.L. Karlinsky, V. O Mrykin - Central Design Bureau for Marine Engineering "Rubin"

10.40 - 11.00 Coffee Break

• The Realization of a RLC Support Structure for Offshore Facilities in Shallow Waters
  P. Buongiorno - Grandi Lavori Fincosit, S. Copello - Rina

• Offshore Production System Optimization
  M. El Awady Dokla, M. El Husseiny, M. El Sayed - Agiba Petroleum Company

• Life Cycle Approach New Method to Design the Plant
  E. Craighero, W. Priotti - Tecnomare

• ORMAT Energy Converter - The Most Reliable Power for Unmanned Offshore Facilities
  J. Gropper - ORMAT Industries Ltd.

Alternate

• Application of Deep Water Techniques in Shallow Water - Karous Development
  N. E. A. El Hamid Ismail - Petrobel
  K. El Miligy, G. Bergamin - Eni Div. Agip

• Management of Coiled Tubing Application for Ashrafi MPA Platform
  E. H. El Bermawy - Agiba Petroleum Company
Thursday, March 29, 2001
9.00-12.40 Session 7
Development of Mature/Marginal Fields

Chairmen: G.M. Bozzo - Tecnomare
C. Nieto - Enterprise Oil Italiana

- An Integrated Approach to Marginal Field Development: Case History from the Gulf of Suez
  A. H. Ahmed, A. S. Rezk - Gupco,
  H. El Shahawi, K. Hassan Gad - Schlumberger

- Gravity Base Platform Concept for a Marginal Oil Field Minimizing Environmental and Cost Impacts
  F. Nicolussi, M. Comi - Tecnomare

- Agip Bouri Field: Subsea Development
  C. Wilson - FMC Kongsberg Subsea

- Waterflooding Contra-indications and Over Dosage: Challenges and Innovative Strategy
  M. Eissa - Gupco, S. Macary - EPRI

10.40 - 11.00 Coffee Break

- Productivity Enhancement in the Belayim Fields: A Synergy of Detailed Damage Analysis and New Perforating Technology
  M. Safwat, M. Samir, S. Sisostris - Petrobel,
  H. Elhahawi - Schlumberger Logelco

- Marginal Fields Development in Western Desert, Egypt
  M. El Awady Dokla - Agiba Petroleum Company

- Bringing Didon Offshore Mediterranean Project On Stream
  L. R. Fielder - Floating Production Systems
  T. Mekada - Medex Petroleum

- Combined Reservoir Saturation and Production Monitoring Logs for Water Flood Optimization
  A. H. Ahmed, S. A. Hasaballa - Gupco
  H. El Shahawi, K. Hassan Gad - Schlumberger

Alternate

- Water Management in Ravenna Gas Fields: Water Disposal and a New Project for Pressure Maintenance
  C. Morsetti, E. Fini, S. Renna - ENI Div. Agip

- Reviewing the Stratigraphic and Structural Setting of North Baltim Concession, Mediterranean, Egypt
  N. Enani, S. Morsi, C. Assereto - Belayim Petroleum Company
Thursday, March 29, 2001

9.00-12.40 Mini Symposium
Environmental Issues Related To Exploitation And Decommissioning Of Offshore Platforms

Chairmen:
- Prof. G. Cognetti - University of Pisa

Introduction:
Prof. M. Abbiati - University of Bologna

- Managing the Effects of the Oil Industry on the Marine Environment: the Norwegian Experience
  Prof. J.S. Gray - University of Oslo

- Environmental Oil Spill Sensitivities and Planning Oil Spill Response
  Prof. J.M. Baxter - Scottish Natural Heritage

10.40 - 11.00 Coffee Break

- Biomonitoring and Environmental Management for Off-shore Activities
  Prof. F. Regoli - University of Ancona,
  Prof. M. Abbiati - University of Bologna

- Costs and Benefits of Considering Offshore Platforms as Habitat for Marine Life
  Prof. M.W. Beck - University of California, Santa Cruz

- Environmental issues of hydrocarbons E&P in Egypt.
  Eng. N. Agiza - Chairman Petrobel

ISA Session: Digital Communication

9.00 - 12.30
Introduction by:
- Robert Bailliet - ISA - USA
  Deepwater Challenges for Instrumentation and Control

- Pino Zani - ISA - USA
  ISA and its Activity
  A.M. Ansutti, ISA Italy Section
  A. Quadrato, ISA Rome Section

9.30 - 12.30
- New Digital Communication Technologies in Offshore Activities
  V. Secci, L. Esposito - Technip Italy

- Updated Safety Rules and Regulations for Offshore Facilities
  A. Padova - P & F

- Information Technology: Technical Application
  U. Cinque - Technip Italy

- "Field Bus" in the Petrochemical Industry
  N. Meiler - Memc
Thursday, March 29, 2001
14.00-15.40  Session 8
Safety in Offshore Operations

Chairmen: J. Bakka - NorskAgip
           F. Pellei - Eni D iv. Agip

• Application of an Integrated Methodology for the Evaluation of the Sea Safety and Environmental Impact Associated to a Possible Blowout Event in the North Sea
  P. Blotto - EN I D iv. A gip, M. Zuvo - N orsk Agip,
  P. Andreussi - University of Pisa,
  M. Bonuccelli - CPR/TEA, R. Galinetto - Temars,
  F. Podenzani - EniTecnologie

• An International Approach to HSE Technical Management Audit
  L. Scataglini - EN I D iv. A gip, J. Kennedy - IEO C ,
  W. Rizzi - EN I D iv. A gip

• E&P 3D Seismic as a Tool for Shallow Hazards Detection
  M. Buia, K. Buonomo, P. Cibin, P. Marchetti, O. Tarchi - EN I D iv. A gip

• An Operating Company’s Loss Control & Risk Management (Guidelines, Practices & Results)
  A.A.Madkour - A giba Petroleum C ompany

Alternate

• The AUVs Role in Deep and Ultra Deep Scenarios
  P. Guaita - EN I D iv. A gip
  F. Galeazzi, D. Maddalena - T ecnomare
  G. Martelli - S onsub
Ways of Evaluating and Improving Field Economics

Chairmen: B. Kimber - Agip U.K.
            A. Forabosco - Enterprise Oil Italiana

- Innovative Rehabilitation Techniques Improve Giovanna Field Economics - A Technical and Economical Evaluation
  N. Heitmann, R. Mientjes - Schlumberger
  L. Spicci, E. Pitoni - ENI Div. Agip

- The Future Role of Natural Gas in Power Generation
  S. Fomiatti, G. Zampaglione - ENI Div. Agip

- Multibeam Ultrasonic Flowmeters - A new Technology for Custody Transfer of Oil & Gas Products
  T. Leenhoven, H. Danen - Krohne Altimeter,
  D. Bruinzeel - Krohne Oil & Gas

- Nigeria NGL Export - A Case History
  S. Fomiatti, G. Bergamin, A. Rossanese - ENI Div. Agip,
  A. Vella, G. Franceschini - NAOC

Alternate

- Romania in the Oil and Caspian Route
  D. M. Darie - Geo-Darcs
Thursday, March 29, 2001
14.00-17.40 Session 10
Subsea and Deepwater Development

Chairmen: G. Carter - Nabors
H.J. Lindland - FMC Kongsberg Subsea

- The Application and Status of New Building Blocks for Subsea Production and Processing Systems
  A. B. Olsen, P. Skiftesvik - Framo Engineering AS

- Dynamic Analysis of a FPSO Integrated System in Deep Water
  J. M. Heurtier, IFP, P. Le Buhan - Prinöpia,
  F. Biolley - IFP, E. Fontaine - Prinöpia, C. Le Cunff - IFP

  F. Gunnar Nielsen, G. Furnes, A. Wilhelmsen, B. A. Rasmussen - Norsk Hydro ASA

- Anchoring in Deep and Ultra Deep Water
  R. Ruinen - Vryhof Anchors BV

15.40 - 16.00 Coffee Break

- Hybrid Riser Risk Analysis in Deep Water Environments
  R. Romagnoli, A. Carpignano - Politecnico di Torino

- Development and Test of a Time Domaine VIV Prediction Model
  P. Guaita - ENI Div Agip
  F. Fossati - University of Catania
  F. Resta - Politecnico di Milano

- Survey Operations in Ultra-Deep Waters
  G. Corbetta, R. Morgan - Sonsub Ltd
  N. Kumar Singh - Saipem SpA

- New Development in Subsea Christmas Tree Workover Pressure Control Components
  J. Vicic, B. Taylor - Cooper Cameron Corp.

Alternate

- Ultra Deepwater Installation and Maintenance Challenges: NEMO System Issues
  A. Radicioni, P. Foscoli, A. Delle Canne - SASP Offshore Engineering

- Steel Flowlines Anticorrosion and Insulation Coating for Ultra Deep Water/Case Study of Application for Roncador Extra Field Development Project
  E. Berti, G. Portesan - Socotherm/Soco-Ril
Reservoir Characterisation and Maintenance

Chairmen: W. Restrepo - Schlumberger
L. Terzi - Eni Div. Agip

- Qualitative Analysis of the Time Lapse data in Reservoir Management: Cervia Field Case History
  L. Kovacic, L. Madeddu - ENI Div. Agip
  E. Poggiagliolmi - Entec Energy Consultants

- Uncertainties Evaluation and Risk Management in an Offshore Strategic Field: a Case History
  C. Bruni, M. C. Dacome, C. Morsetti, M. Rovellini
  ENI Div. Agip

- Russian Log Interpretation
  F. Verga, P. P. Rossa - Politecnico di Torino
  M. Piana, M. Gonfalini - ENI Div. Agip

- A Detailed Identification of all Static and Dynamic Reservoir Characteristics for a Good History Match. The Case of El-Borma Field
  A. Maffioli, C. Granati, P. Prevosti - ENI Div. Agip
  M. Fekih Ali, B. Yahmadi - SITEP

15.40 - 16.00 Coffee Break

- Transient Dual Porosity Behaviour for Horizontal Wells Draining Heterogeneous Reservoirs
  F. Verga - Politecnico di Torino
  E. Beretta, D. Albani - ENI Div. Agip

- Multicomponent Seismic Methodologies for Reservoir Characterization: Theory and Application
  B. Boiardi, M. Buia, L. Vetri - ENI Div. Agip

- Reservoir Fluid Sampling in Unconsolidated Sands to Assess Recovery Uncertainty
  C. Ayan - Schlumberger Reservoir Evaluation - Wireline
  E. J. Law, J. P. Bennett, P. T. S. Rose - Texaco North Sea

- A New Approach for Complex Faulted-Fractured Reservoir Modelling
  M. Catanzaro, S. M antica, F. Masserano, L. Ruvo - ENI Div. Agip

Alternate

- 3D Reservoir Characterization and Reservoir Management Study. October J Nubia Field, Gulf of Suez, Egypt. Gulf of Suez Petroleum Company (GUPCO)
  N. S. Gaber, H. A. Hassan, S. Hughes, D. Stoner, G. Artigas, G. Mercado - GUPCO

- Determination of Uncertainties in Water Saturation Calculations from Well Log Data Using a Probabilistic Approach
  F. Verga, A. Giaccardo - Politecnico di Torino
  M. Gonfalini - ENI Div. Agip
Friday, March 30, 2001

Session 12

Offshore Operations, Maintenance and Decommissioning

Chairman: N. Brammer - ABB Vedo Gray

- Riserless Intervention - Something for Deepwater
  H. K. Bakkerud - FMC Energy Systems

- Maureen Platform Decommissioning: The Story so far
  W. Moore, H. Russell - Agip UK Ltd.
  A. Halliwell - Phillips Petroleum Company

- Underwater Inspection and Decision Analysis for Target Fatigue Lives
  S. F. Yasseri - Granherne Ltd.

- Submarine Pipeline Inspection a General Software Tool for Visual and Instrumental Data Management
  P. Cherubini - Snamprogetti SpA,
  G. Albano, O. Sahar - Mariconsult SpA

10.40 - 11.00 Coffee Break

- IDUN Multiphase Metering, Field Experience
  G. Nerby, P. O. Anderfossen - FMC Kongsberg Subsea

- Smart Controls for Smart Subsea Fields
  S. Halmoy - FMC Kongsberg Subsea

- Global Maintenance Services Engineering Role
  F. Peselli, A. M. Musa - Tecnomare

- Underwater Inspection Reassessment of Italian Offshore Platforms
  A. Della Greca, S. Vanore - Tecnomare

Alternate

- Structural Repairs of Fixed Offshore Platforms: the Belayim Field Experience
  G. Busetto - Tecnomare

- A Study on an Optimum Arrangement of Aluminum Galvanic Anodes for Offshore Structures
  Y. Watanabe, R. Takai
  Ship Research Institute, Ministry of Transport
  N. Mochizuki - Nakabohtec Corrosion Protecting Co., Ltd.
Friday, March 30, 2001
9.00-10.40  Session 13

Pipelines: Design, Installation, Operation and Maintenance

Chairman: G. Moscatelli - Eni Div. Agip
        P. Narzul - Coflexip

• The Smartplug - A Remotely Controlled (Tetherless) Pipeline Isolation System
  E. Tveit, L. Dolejš - Plugging Specialists Intl.

• Blue Stream: A Challenging Project for Gas Transmission
  S. Bianchi - Saipem SpA

• Brutus Tie-in System for Rigid and Flexible Lines: Operational Feedback
  G. Corbetta, R. Cruden, C. Mock - Sonsub Ltd.

• Thinking Back, Looking Forward. Divers and Diving for the Industry into the 2000s
  G. E. Melegari Mazzoni - Saipem, F. Egidi - Rana Diving & Marine Contractor

Alternate

• Tele-Maintenance and Pipeline
  L. Battista, E. Pone - Comerint SpA, P. Theodorakis - DEPA S.A
Friday, March 30, 2001
11.00-12.40 Session 14

Exploration: Advances and Opportunities

Chairmen: B. A. Rasmussen - Norsk Hydro
M. Grisi - Edison Gas

- Impact of 2D & 3D Seismic Interpretation in Establishing the Basin Modelling of Belayim Oil Field, Central Gulf of Suez, Egypt
  A. Mokhles, A. A. El Fattah, A. Helmy - Petrobel

- Nile Delta Hydrocarbon Potentiality
  H. Kamel, M. Sarhan, M. Talaat - Petrobel

- Geochemical Exploration in the Offshore Nile Delta
  H. Kamel, M. Sarhan - Petrobel

- Deep Reservoirs Potentiality in the Offshore Nile Delta, Egypt
  M. Talaat Eita, I. A. El Hamid, I. Zakaria - Petrobel

Alternate

- Cyclostratigraphic Framework and Depositional Style of Serravallian-Tortonian in Temsah Wakar and Port Fouad Marine Fields, North Port Said, Egypt
  R. Rizk, A. Said - Petrobel
• **The Main Reservoir Features of the Oil-Bearing Carbonate**
  F.Avdulaj, L. Hasanaj - Oil&Gas Institute Fier

• **Cementing in a Deepwater Environment: Laboratory Testing Methods and Best Practices**
  D. Muller - BJ Services Co.

• **Artificial, Floating, Metallic, Transferable and Unsinkable Island, Usable for Different Marine Applications, Protected by a Breakwater Barrier**
  C.Maccri - F.A.P.I. SaS

• **Planning for Environmental Protection in Offshore Operations**
  Sh.I.Shaaban - Petrobel

• **Geo-ecological Investigations as a Base for Prevention of Environmental Safety of Coastal Zone**
  M.A. Spiridonov, V.A. Zhamaidou, P.E. Moskalenko - All Russia Geological Institute (VSEGEI)

• **Risk Assessment of Steel Platform in Gulf of Suez**
  M.A. El Reedy - GUPCO

• **CO2 Corrosion of X-52 Carbon Steel Pipeline**
  K. Abouswa, A. Elhoud, A. Abdennabi - Petroleum Research Center

• **Egyptian Gas Fields Located in the Mediterranean Sea Integrated Control System Development as Modules (Case History)**

• **Development of a Wet Gas Flowmeter**
  P. Andreussi, P. Ciandri - TEA Sistemi s.r.l.

• **A new Possibility for Exploration of Gas Traps in Albanian Offshore**
  L.M. ehilika, G. Foto, K. Jano, A. Arapi - Faculty of Geology and Mining

• **NMR Bound Fluid Volume Verification in the Gas Reservoir of the Kafr El Sheikh Fm. Mediterranean Sea, Egypt**

• **Project of Offshore Ice-resistant Platform for Seismic Regions**
  A.V. Kotov, S.L. Karlinsky, G.V. Zhukov, V.V. Kotov - CDBM E “Rubin”

• **A Field Trial of Multiphase Flow Meter Based on Choke Valve**
  C. Alimonti, U. Bilardo - University of Rome - La Sapienza, A. Pelliccia - Enterprise Oil Italiana

• **Mechanical and Environmental Testing on Bituminous Mattresses for the Anchorage and Protection of Pipelines**
  M. Vicari - Officine Maccaferri SpA

• **Adapting of Engineering and Construction, Case Study Techniques in Large Diameters Gas Pipeline Construction and Cost Optimization**
  G. Bergamin - ENI Div. Agip, H. El Ezabawy - Petrobel

• **Trenching of Sealines-Focus on Piggy Backed Lines**

• **Lewis Acid Petroleum Pitch Carbonization**
  A.L.H. Al-Aswad, S. Shebli - Petroleum Research Center
On the occasion of OMC 2001 Gala Concert Maestro Ottavio Dantone will conduct the “Accademia Bizantina” in the Basilica of Sant’Apollinare in Classe, Ravenna, on March 29, 2001.

A Stableford Golf Tournament “OMC 2001 Tournament” will take place at the Adriatic Golf Club in Cervia, 25 Km. (16 miles) away from Ravenna, on March 27, 2001.
GALA CONCERT

Thursday March 29, 2001
8.30 pm at the Sant’Apollinare in Classe Basilica

to be given by OTTAVIO DANTONE and “ACCADEMIA BIZANTINA”

PROGRAMME:

A. Caldara (1770 - 1736)
Symphony XXII (1730)
Grave, Andante, Adagio, Allegro

G. B. Pergolesi (1710 - 1736)
“Salve Regina”
For soprano, arches and basso continuo
Largo, Allegro, Andante, Largo

A. Corelli (1653 - 1713)
Concerto Grosso op.VI No.1 in D major
Largo, Largo, Allegro, Largo, Allegro, A Ilegro

A. Scarlatti (1660 - 1725)
Concerto Grosso No.4 in G minor
A Ilegro ma non troppo, G rave, Vivace

A. Vivaldi (1678 - 1741)
“Nulla in munco pax sincera”
Mottetto for soprano, arches and basso continuo
Aria (Larghetto), Recitative, Aria (A Ilegro), Hallelujah (A Ilegro)
GENERAL INFORMATION

Venue
OMC 2001 will be held at the Palazzo delle Arti e dello Sport “Mauro De André” Viale Europa, 1
48100 Ravenna - Italy,
Tel. +39-0544 - 421211 Fax +39 - 0544 - 420345.
Opening Hours: Wednesday-Thursday 9.00 - 18.00
Friday 9.00 - 13.00

Language
The working language will be English. Simultaneous translation will be provided during the Plenary Session only.

Weather
Average Temperatures in March:
minimum 5 Centigrades - 41 Fahrenheit
maximum 15 Centigrades - 59 Fahrenheit

Electricity supply
220V - 50 Hz.

Transportation
Shuttle Bus Service between the Conference and Exhibition Centre and OMC 2001 Boarding Points will be provided complimentary by OMC Organization. Schedules will be available in all OMC 2001 official hotels.

Airport Shuttle Service
Shuttle Service from and to Bologna Airport will be provided upon request.
To request shuttle service please contact OMC 2001 Official Travel Agent – Grantour.

Tours
Besides its areas of historic interest in town and its surroundings, Ravenna is located in a very favourable position for tourism as it is only 145 Km (90 miles) from Venice and 135 Km (85 miles) from Florence. Kindly contact Grantour (see Accommodation Form) to inquire about post conference tours to Venice and Florence. Guided visits of Ravenna will be also organized. For further information contact OMC.

Travel Agent
GRANTOUR staff - OMC 2001 official travel agent will be present to help you with general information on flight/ train tickets, hotel accommodation, etc.

Registration
Advance Registration is recommended both for delegates and exhibitors.
Attendance at conference sessions and admittance to the Exhibition is free for University students providing adequate identification.
Delegates and Exhibitors who register in advance can collect their badge and registration materials at the Conference and Exhibition Centre, from Tuesday, March 27, 2001 from 14.30 to 17.30.

Advance Registration and Badge Collection is advisable in order to avoid congestion on the opening day.

On-site Registration. Delegates and Exhibitors may register on site at the Conference and Exhibition Centre, from Tuesday, March 27, 2001 from 14.30 to 17.30.

Registration will continue from Wednesday March 28 through Thursday March 29 from 8.00 to 17.30 and on Friday March 30 from 8.00 to 12.00.

Delegates paying with bank transfer are requested to show copy at the registration desk.

Substitutions are welcome provided prior notification.

Payment

OMC accepts Diners, MasterCard, Visa and American Express. A 3% commission will be applied.

Personal cheques are NOT ACCEPTED.

Badges

All participants and accompanying persons are kindly requested to wear their namebadge whilst in the Conference and Exhibition area.

Conference Proceedings

One copy of OMC 2001 Proceedings is included in the Conference Registration Fee. Additional copies may be requested at the Conference Registration Desk during the event.

Press Accreditation

Representatives from the media are kindly invited to register in advance for OMC 2001. To obtain accreditation an official letter is requested.

Conference registration will be free and include:

• Attendance at all conference sessions
• One complimentary copy of the proceedings
• Working luncheons and coffee breaks
• Gala events

Information and material will be delivered on arrival provided appropriate identification is presented.

Disclaimer

OMC does not accept any liability for injuries/losses of whatsoever nature to delegates, exhibitors, visitors and accompanying persons, nor for loss or damages to their luggage and/or any other personal belongings.

Note on Privacy

We inform OMC 2001 participants that personal data are collected to be included in OMC 2001 mailing list for the supply of future publications. As provided by the Article 13 of Italian Law 675/96 you are entitled to ask for confirmation, change or cancellation of your personal data from OMC 2001 mailing list.
Tours are offered by Ravenna Municipality – Tourism Department

Wednesday, March 28, 2001

- **14.30 p.m**  
  Meeting point at the Jolly Hotel, Piazza Mameli, 1 - Ravenna (close to the train station)
  Guided tour of Ravenna: visit to the monuments listed by UNESCO as part of the World's Heritage and their famous mosaics.
  1st Itinerary

Thursday, March 29, 2001

- **10.00 a.m**  
  Meeting point at the Jolly Hotel, Piazza Mameli, 1 - Ravenna (close to the train station).
  Guided tour of Ravenna: 1st Itinerary

- **2.30 p.m**  
  Meeting point at the Jolly Hotel, Piazza Mameli, 1 - Ravenna (close to the train station).
  Guided tour of Ravenna: 2nd Itinerary

Friday, March 30, 2001

- **10.00 a.m**  
  Meeting point at the Jolly Hotel, Piazza Mameli, 1 - Ravenna (close to the train station).
  Guided tour of Ravenna: 3rd Itinerary