

North Sea Flow Measurement Workshop 26 – 29 October 2004

Technical Programme

Day 1 – Tuesday 26 October

1200	REGISTRATION
1200 – 1330	LUNCH
1330 – 1335	Welcome: Michael Valente, Managing Director, NEL
1335 – 1350	Opening Address: Louise Kingham, Chief Executive, Energy Institute

SESSION 1 Allocation Chairman: Richard Paton

1350 – 1425	1.1	Application of Phase Behavior Models in Production Allocation Systems Robert Webb, BP Exploration and Production Inc., and William Donkervoet, Shell Exploration & Production Company - USA
1425 – 1500	1.2	Field Applications of Model-Based Multiphase Flow Computing Åge Rasmussen, FMC Kongsberg Subsea - Norway
1500 – 1535	1.3	Quantifying Financial Exposure Due to Meter Uncertainty Using Monte Carlo Simulation Claudio Ciglio, Advantica and Lawrence Coughlan, Shell Exploration & Production Europe - UK
1535 – 1610	1.4	Equity Exposure in Wet Gas Allocation Metering David Stewart, NEL and Mark Skelton, BP - UK
1610 – 1640		COFFEE
1640 – 1740		Discussion Session
1845 – 1915		COCKTAIL RECEPTION
1915		DINNER

Day 2 – Wednesday 27 October

SESSION 2	Gas Metering 1	Chairman: Andy Jamieson
0830 – 0905	2.1	Tests of the V-Cone Flow Meter at Southwest Research Institute® and Utah State University in Accordance with the New API Chapter 5.7 Test Protocol Bob Peters and Richard Steven, McCrometer Inc, Darin George, Edgar Bowles, and Marybeth Nored, Southwest Research Institute - USA
0905 – 0940	2.2	An Assessment of the Impact of Contamination on Orifice Plate Metering Accuracy Michael Pritchard, David Marshall, Advantica Ltd, and John Wilson, National Grid Transco - UK
0940 – 1015	2.3	Dirty vs. Clean Ultrasonic Gas Flow Meter Performance John Lansing, Daniel Industries - USA and Tom Mooney, Emerson Process Management - UK
1015 – 1045		COFFEE
SESSION 3	Gas Metering 2	Chairman: Lol Coughlan
1045 – 1120	3.1	A Powerful New Diagnostic Tool for Transit Time Ultrasonic Meters Klaus Zanker and William Freund, Jr, Daniel Measurement & Control Inc - USA
1120 – 1155	3.2	Evaluation of Flow Conditioners – Ultrasonic Meters Combinations Bruno Delenne, Gaz de France, and Gerard Mouton, GSO – France, Michael Pritchard, Advantica – UK, Michael Huppertz, Fluxys – Belgium, Kristof Ciok, GASTRA – Denmark, Aernout van den Heuvel, Gasunie Research – The Netherlands, Trond Folkestad, Norsk Hydro – Norway, Detlef Vieth, Ruhrgas – Denmark, Francisco Lezuan, ENGAS S.A., and Guiseppe Marini, Snam Rete Gas – Italy
1155 – 1230	3.3	Coded Multiple Burst (CMB) Signal Processing Applied to Ultrasonic Flow Meters in Applications with High Noise Levels Marcel Vermeulen, Geeuwke de Boer, Anton Buijen van Weelde, Eduard Botte and Ronald Dijkmans, Instromet Ultrasonics B.V. – The Netherlands
1230 – 1330		LUNCH

SESSION 4 Liquid Metering Chairman: Douglas Griffin

1330 – 1405 4.1 **Installation Effects and Diagnostic Interpretation Using the Caldon Ultrasonic Meter**
Terry Cousins, H Estrada and D Augenstein, Caldon Inc – USA

1405 – 1440 4.2 **ALTOSONIC III – A Dedicated Three-Beam Liquid Ultrasonic Flowmeter For Custody Transfer of Single Products**
Jankees Hogendoorn and Dick Laan, KROHNE Altometer, Herman Hofstede and Helen Danen KROHNE Oil & Gas – The Netherlands

1440 – 1445 **Introduction to New Session**

SESSION 5 Flow Computing Chairman: Douglas Griffin

1445 – 1520 5.1 **Oil & Gas Industry Can Now Benefit From Digital Plant Architecture**
Stuart Brown, Damon Ellender and Randy Page, Emerson Process Management, Flow Computer Division - UK

1520 – 1550 COFFEE

Chairman: Jim Ryan

1550 – 1625 5.2 **Flow Measurement Asset Management in the 21st Century**
Andrew Webb, Ambrit Ltd - UK

1625 – 1700 5.3 **Flow Computers and Control Systems – Interface or Integrate?**
Ben Leach, Swinton Technology Ltd - UK

1700 – 1735 5.4 **API's Microprocessor Based Flowmeter Testing Programme**
Kenneth Elliott, Omni Flow Computers Inc - USA

1735 – 1750 Comfort Break

1750 – 1825 **Discussion Session**

1930 **DINNER**

Day 3 – Thursday 28 October

SESSION 6	Learning	Chairman: Alan Downing
0830 – 0905	6.1 Installation Effects on Venturi Tubes of Convergent Angle 10.5° Michael Reader-Harris, Ronnie Rushworth and Jeff Gibson, NEL - UK	
0905 – 0940	6.2 Determination of Hydrocarbon Dewpoint from On-Line Gas Chromatographic Analysis Douglas Pettigrew, Daniel Europe Ltd - UK	
0940 – 1015	6.3 Overview of CFD Modelling of Orifice Plate Flowmeters Neil Barton, Michael Reader-Harris and Jeff Gibson, NEL - UK	
1015 – 1045	COFFEE	
1045 – 1230	Poster & Manufacturer's Sessions / Clinic	
1230 – 1330	LUNCH	
SESSION 7	Coriolis	Chairman: Eddie Spearman
1330 – 1405	7.1 Coriolis Mass Flow Meter Developments: Increasing The Range of Applications in Oil & Gas Production and Processing Michael Tombs and Manus Henry, University of Oxford, Hoi Yeung, Cranfield University and Robbie Lansangan, Invensys Foxboro – UK	
1405 – 1440	7.2 AGA Report No. 11 Expands Market for Proven Metering Concept Bas van Ravenswaaij, Emerson Process Management	
1440 – 1515	7.3 Two Component Coriolis Measurement of Oil and Water at Low Velocities Ole Andersen, Maersk Olie og Gas – Denmark and Gary Miller, Richard Harvey and David Stewart NEL - UK	
1515 – 1545	COFFEE	

SESSION 8 Multiphase / Wet Gas Chairman: Trond Folkestad

1545 – 1620	8.1	First Experiences with Coriolis Metering in Natural Gas Henk Riezebos, Gert van Essen, Aernout van den Heuvel and Andre van der Horn, Gasunie Research – The Netherlands
1620 – 1655	8.2	Validation and Operational Experience of a Dualstream II Wet Gas Meter in Subsea Allocation Application on the Statoil Mikkell Field Alan Downing and Paul Daniel, Solartron ISA – UK, Harald Denstad and Endre Jacobsen, Statoil - Norway
1655 – 1730	8.3	Wet Gas Flow Measurements with Mixtures of Natural Gas, Hydrocarbon Liquids and Water Charles L. Britton, Josh Kinney and Jeffrey L. Savidge, CEESI
1730 – 1805	8.4	Characterization of the Turbulence Properties of Wet Gas Flow In a V-Cone Meter with Neural Nets Haluk Toral and Shiqian Cai, Petroleum Software Ltd – UK, and Bob Peters and Richard Steven, McCrometer – USA
1805 – 1820		CLOSING SPEECH Trond Folkestad, Chairman, Norwegian Organising Committee
1930		COCKTAILS
2000		WORKSHOP DINNER

Day 4 – Friday 29 October

0800	BREAKFAST
0900	BUSES LEAVE FOR AIRPORT

22nd North Sea Flow Measurement Workshop

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Delegate List

Updated: 14/10/04

First Name	Surname	Company	Country
Austin	Allgaier	ExxonMobil	USA
Mike	Almeida	Amerada Hess UK Ltd	UNITED KINGDOM
Sulaiman	Al-Roumi	Saudi Aramco	SAUDI ARABIA
Salim	Al-Sibani	Petroleum Development Oman LLC	OMAN
Ole	Andersen	Maersk Olie og Gas AS	DENMARK
Audun	Aspelund	Flowsys	NORWAY
Alex	Atkinson	Centrica plc	UNITED KINGDOM
Lars-Erik	Aursand	Sigurd Sorum AS	NORWAY
Geir	Austefjord	SICK MAIHAK AS	NORWAY
Filip	Baas	Gas Transport Services AS	THE NETHERLANDS
Rob	Baird	Shell Global Solutions (OGUM)	THE NETHERLANDS
Alan	Baker	Zencus International Limited	UNITED KINGDOM
Jozsef	Balla	MOL Foldgaszallito Rt	HUNGARY
Ian	Bates	Total E&P UK plc	UNITED KINGDOM
Baron	Bennington	Excalibur Engineering Consultants Ltd	UNITED KINGDOM
Andreas	Berkenkamp	E.ON Ruhrgas	GERMANY
Michael	Billington	Score (Europe) Limited	UNITED KINGDOM
Rod	Bissett	Britannia Operator Limited	UNITED KINGDOM
Hege	Bjoennes	Endress+Hauser Flowtec AG	SWITZERLAND
Helge	Bjorhall	Flow-Teknikk AS	NORWAY
Colin	Blackmore	Erwin Sick Limited	UNITED KINGDOM
Andre	Boer	Krohne Altometer	THE NETHERLANDS
Wim	Borghols	Gas Transport Services	THE NETHERLANDS
George	Bradley	FMC Technologies Inc	USA
Tore	Bratten	Statoil ASA	NORWAY
Bjorn	Brigendal	ABB	NORWAY
Charles	Britton	CEESI	USA

First Name	Surname	Company	Country
Jonathan	Brooks	Rhomas Engineering	UNITED KINGDOM
Gregor	Brown	NEL	UNITED KINGDOM
Stuart	Brown	Emerson Process Management - Flow Computer Division	UNITED KINGDOM
Denny	Bullard	Pioneer Natural Resources USA, INC	USA
Stephen	Burnett	Shell UK	UNITED KINGDOM
Wilson	Burt	Stephen Gillespie Consultants Ltd	USA
Wojciech	Burzynski	POGC- Transmission	POLAND
Murdoch	Campbell	Kelton Engineering Limited	UNITED KINGDOM
Luc	Catherine	Trapil	FRANCE
Barry	Clark	Alderley plc	UNITED KINGDOM
Tony	Connolly	Daniel Europe Ltd	UNITED KINGDOM
Sidse	Corneliusson	BP Norway	NORWAY
Lol	Coughlan	Shell UK Exploration & Production	UNITED KINGDOM
Steve	Coulson	METCO Services Limited	UNITED KINGDOM
Jean-Paul	Couput	Total	FRANCE
Terry	Cousins	Caldon Inc	USA
Ronald	Cullen	Solartron ISA	UNITED KINGDOM
Eivind	Dahl	Christian Michelsen Research AS	NORWAY
Maron	Dahlstrom	Statoil ASA	NORWAY
Paul	Daniel	Solartron ISA	UNITED KINGDOM
Uwe	Dannehl	Statoil Deutschland GmbH	GERMANY
Mark	Davis	Shell R+P	USA
Geeuwke	De Boer	Instromet International	THE NETHERLANDS
Paul	De Gruijl	ODS BV	THE NETHERLANDS
Bruno	Delenne	Gaz de France	FRANCE
Harald	Denstad	Statoil	NORWAY
Ryouji	Doihara	AIST / NMIJ	JAPAN
William	Donkervoet	Shell Exploration & Production Company	USA
Dietrich	Dopheide	PTB Germany	GERMANY
Paul	Douglas	BP Exploration	UNITED KINGDOM
Alan	Downing	Solartron ISA	UNITED KINGDOM

First Name	Surname	Company	Country
Jan	Drenthen	Instromet International	THE NETHERLANDS
Eivind	Dykesteen	Roxar Flow Measurement	NORWAY
Dave	Edgar	EnCana UK Ltd	UNITED KINGDOM
Paul	Ekins	Hamall Process Instruments	UNITED KINGDOM
John	Eide	Holta & Haaland Instrumentering AS	NORWAY
Kjell	Eilertsen	ConocoPhillips	NORWAY
Damon	Ellender	Emerson Process Manager	USA
Kenneth	Elliott	Omni Flow Computers, Inc.	USA
Jan	Eskeland	Hydro ASA	NORWAY
Herb	Estrada	Caldon Inc	USA
Rhydian	Evans	BP	UNITED KINGDOM
Tom	Falch	IKM Products AS	NORWAY
Jan	Falkanger	Hydro	NORWAY
David	Farchi	Agar Corporation Inc	USA
Rob	Ferguson	Aquidata Excel JV Ltd	UNITED KINGDOM
Graham	Field	S R Controls Ltd	UNITED KINGDOM
Gordon	Fish	METCO Services Limited	UNITED KINGDOM
Frode	Flaaten	ConocoPhillips Norway	NORWAY
Trevor	Flint	SGS UK Ltd	UNITED KINGDOM
Dag	Flolo	Norsk Hydro	NORWAY
Trond	Folkestad	Norsk Hydro AS	NORWAY
Asle	Fosen	Gassco AS	NORWAY
Steinar	Fosse	Norwegian Petroleum Directorate	NORWAY
Karl	Frantzen	Roxar Flow Measurement	NORWAY
Mary	Friel	METCO Services Ltd	UNITED KINGDOM
Oyvind	Frydenberg	FMC Kongsberg Metering AS	NORWAY
David	Geach	ConocoPhillips Limited	UNITED KINGDOM
Claudio	Giglio	Advantica	UNITED KINGDOM
Stephen	Gillespie	Stephen Gillespie Consultants Ltd	UNITED KINGDOM
Eivind	Gransaeter	Roxar Flow Measurement	NORWAY
John	Grant	Alderley Metering Systems Ltd	UNITED KINGDOM
Jim	Gray	Caldon Limited	UNITED KINGDOM

First Name	Surname	Company	Country
Sharon	Gray	EnCana UK Ltd	UNITED KINGDOM
Douglas	Griffin	DTI Oil & Gas	UNITED KINGDOM
Stephen	Gwaspari	Textrain Ltd	UNITED KINGDOM
Haakon	Haakonsen	Statoil ASA	NORWAY
Andrew	Hall	BP Exploration	UNITED KINGDOM
Jim	Hall	Letton-Hall Group	USA
Martin	Halvorsen	Flowsys	NORWAY
Birger	Hanssen	3-Phase Measurements AS	NORWAY
Cal	Hastings	Caldon Inc	USA
Simon	Hatch	Yokogawa	UNITED KINGDOM
Bjorn	Haug	Statoil ASA	NORWAY
Sandy	Hay	BP	UNITED KINGDOM
Volker	Herrmann	SICK MAIHAK GmbH	GERMANY
Arend	Herwijn	Nederlands Meetinstituut	THE NETHERLANDS
Edwin	Hodgkinson	Kelton Engineering Ltd	UNITED KINGDOM
Jankees	Hogendoorn	KROHNE	THE NETHERLANDS
Robert	Holmes	NEL	UNITED KINGDOM
Jim	Holt	NEL	UNITED KINGDOM
Phil	Hunt	Proserv NS Ltd	UNITED KINGDOM
Anne	Jackson	Zencus International Ltd	UNITED KINGDOM
Fred	Jacobs	Minerals Management Service	USA
Endre	Jacobsen	Statoil	NORWAY
Andy	Jamieson	4C Measurement Ltd	UNITED KINGDOM
Ola	Jemtland	FMC Kongsberg Subsea	NORWAY
Espen	Johansen	Weatherford	USA
Ross	Johnston	Daniel Europe Ltd	UNITED KINGDOM
Allan	Kennedy	Marathon Oil UK Ltd	UNITED KINGDOM
Robert	Ketyle	Controlotron Inc	USA
Kaare	Kleppe	Statoil	NORWAY
Ulf	Kommedal	IKM Laboratorium AS	NORWAY
Jacek	Krawaczynski	Centrica Energy	UNITED KINGDOM
Bjornar	Kristiansen	ExxonMobil	NORWAY

First Name	Surname	Company	Country
Robert	Kruithof	Gasunie Research	THE NETHERLANDS
Martin	Kurth	Instromet International	BELGIUM
Robert	Kwiatkowski	POGC-Transmission	POLAND
Jorn	Laeborg	SICK MAIHAK Norway	NORWAY
John	Lansing	Daniel Measurement & Control	USA
Stein	Larsen	Statoil K-Lab	NORWAY
Birger	Larsen	3-Phase Measurements AS	NORWAY
Danny	Le	Denerco Oil	DENMARK
Ben	Leach	Swinton Technology Ltd	UNITED KINGDOM
Chip	Letton	Letton Hall Group	USA
Mitchell	Lewis	Swinton Technology Ltd	UNITED KINGDOM
Javier	Lezaun	Enagas SA	SPAIN
Andrew	Lings	Honeywell Control Systems Ltd	UNITED KINGDOM
David	Lloyd	Alderley Metering Systems Ltd	UNITED KINGDOM
John	Locke	Aker Kvaerner	UNITED KINGDOM
Eric	Maddock	Daniel Europe Ltd	UNITED KINGDOM
Georges	Maes	Fluxys	BELGIUM
Peter	Marsh	Advantica	UNITED KINGDOM
Sandy	Marshall	Department of Trade & Industry	UNITED KINGDOM
Jim	Marshall	Brunei Shell Petroleum	BRUNEI
Kimberly	Mayes	FMC Kongsberg Subsea	NORWAY
Kenny	McAllister	Roxar Limited	UNITED KINGDOM
Alan	McCartney	Omni Flow Computers Inc	USA
John	McGrade	Dansk Olie OG Naturgas A/S	DENMARK
Robert	McSaveney	Real Time Engineering	UNITED KINGDOM
Ole-John	Melkevik	Statoil ASA	NORWAY
Steven	Milford	GE Infrastructure Sensing	UNITED KINGDOM
Brian	Millington	NEL	UNITED KINGDOM
Hakon	Moestue	Norsk Hydro ASA	NORWAY
Robert	Moncur	Emerson Process Management	UNITED KINGDOM
Tom	Mooney	Daniel Europe Ltd	UNITED KINGDOM

First Name	Surname	Company	Country
Pamela	Moore	University of Cambridge	UNITED KINGDOM
Richard	Morrice	Bluewater Services (UK) Ltd	UNITED KINGDOM
Mike	Mullally	Exxonmobil	USA
Sveinung	Myhr	Hydro Polymers	NORWAY
Oyvind	Nesse	Hydro ASA	NORWAY
Svein	Neumann	ConocoPhillips	NORWAY
David	Newman	METCO Services Limited	UNITED KINGDOM
Ali	Niazi	Advantica Ltd	UNITED KINGDOM
Tore	Nyborg	Statoli ASA	NORWAY
Glen	Oakes	EnCana UK Ltd	UNITED KINGDOM
Mark	O'Brien	Mercury IMC Ltd	UNITED KINGDOM
Alex	Ogilvie	Halliburton Energy Services	UNITED KINGDOM
Erland	Olsen	IKM Laboratorium	NORWAY
Didier	Pabois	Cirrus Metrology	FRANCE
Randy	Page	Emerson Process Management	USA
Bart	Paridaens	Atlas Copco	BELGIUM
Juan	Parra	Metco Services Venezuela CA	VENEZUELA
Richard	Paton	NEL	UNITED KINGDOM
Ken	Payne	AMEC	UNITED KINGDOM
Bill	Pearson	BP Azerbaijan	AZERBAIJAN
Tor	Pedersen	Gassco AS	NORWAY
Bob	Peters	McCrometer	USA
Douglas	Pettigrew	Daniel Europe Ltd	UNITED KINGDOM
Bruno	Pinguet	Schlumberger	NORWAY
Denis	Pinto	Caledonian Flow Systems Ltd	UNITED KINGDOM
Bill	Priddy	BP Exploration & Operating Company Ltd	UNITED KINGDOM
Michael	Pritchard	Advantica Ltd	UNITED KINGDOM
Jimmy	Raper	BP Exploration Operating Company Ltd	USA
Age	Rasmussen	FMC Kongsberg Subsea AS	NORWAY
Henk	Riezebos	Gasunie Research	THE NETHERLANDS

First Name	Surname	Company	Country
Stevan	Roby	S R Controls Ltd	UNITED KINGDOM
Bent	Rorvik	McCrometer Inc	USA
Rolf	Rustad	3-Phase Measurements AS	NORWAY
Jim	Ryan	BP Grangemouth	UNITED KINGDOM
Hans	Saebo	Norske Shell	NORWAY
Lex	Scheers	Shell G International	THE NETHERLANDS
Reint	Schipper	Gas Transport Services BV	THE NETHERLANDS
Iain	Sellar	Shell	UNITED KINGDOM
Egil	Selvaas	Read Matre Instruments Ltd	NORWAY
Takashi	Shimada	NMIJ / Aist	JAPAN
Kazuyoshi	Shimizu	Kaijo Sonic Corporation	JAPAN
Mark	Skelton	BP	UNITED KINGDOM
Heiko	Slawig	VNG-Verbundnetz Gas	GERMANY
Tom	Sluijter	Petroleum Development Oman LLC	OMAN
Gerald	Smith	Schlumberger Oilfield Services	NORWAY
Alf	Smorgrav	FMC Measurement Solutions	NORWAY
Skule	Smorgrav	FMC Kongsberg Metering AS	NORWAY
Truls	Sonsteby	Aker Kvaerner Elektro	NORWAY
Flemming	Sorensen	Holta & Haaland Instrumentering AS	NORWAY
Eddie	Spearman	METCO	UNITED KINGDOM
Richard	Steven	McCrometer Inc	USA
David	Stewart	NEL	UNITED KINGDOM
Peter	Stoll	VNG-Verbundnetz Gas	GERMANY
Martin	Svenungsen	FMC Kongsberg Subsea AS	NORWAY
Ferenc	Takacs	MOL Foldgaszallito Rt	HUNGARY
Masaki	Takamoto	AIST / NMIJ	JAPAN
Voula	Terzoudi	AKER Kvaerner (KOP Ltd)	UNITED KINGDOM
Robbie	Third	Rhomax Engineering	UNITED KINGDOM
Mike	Tickner	Jiskoot Autocontrol	UNITED KINGDOM
Frank	Ting	ChevronTexaco Exploration & Production Technology Company	USA
Gry	Tinnesand	ConocoPhillips	NORWAY

First Name	Surname	Company	Country
Michael	Tombs	University of Oxford	UNITED KINGDOM
Haluk	Toral	Petroleum Software Ltd	UNITED KINGDOM
Eric	Toskey	3-Phase Measurements AS	NORWAY
Jennifer	Trittschuh	3-Phase Measurements AS	NORWAY
Nikolaos	Tsochatzidis	Public Gas Corporation of Greece	GREECE
Erik	Tulling	Imtech Systems	THE NETHERLANDS
Nils	Vaagen	Framo Engineering UK Ltd	UNITED KINGDOM
Hans	Van Maanen	Shell Global Solutions	THE NETHERLANDS
Hans	van Nuenen	Imtech Systems	THE NETHERLANDS
Bas	van Ravenswaaij	Emerson Process Management	THE NETHERLANDS
Dennis	Vavra	BP Exploration Operating Company Ltd	USA
Marco	Vazquez	Ciateq A.C.	MEXICO
Jan	Vermasse	FMC Konesberg Metering AS	NORWAY
Marcel	Vermeulen	Instromet Ultrasonics B.V.	THE NETHERLANDS
Steinar	Vervik	Norwegian Petroleum Directorate	NORWAY
Johannes	Vikane	Read Matre Instruments AS	NORWAY
Paal	Viken	Atlantia as	NORWAY
Ottar	Vikingstad	Roxar Flow Measurement.	NORWAY
Oi Mee	Voon	Brunei Shell Petroleum SON BHD	BRUNEI
Glenn	Voss	McCrometer Inc	USA
Andrew	Webb	Ambrit Ltd	UNITED KINGDOM
Barry	Webb	Ambit Ltd	UNITED KINGDOM
Robert	Webb	BP America Inc	USA
Hans-Heinrich	Westphal	SICK MAIHAK GmbH	GERMANY
Robert	White	Emerson Daniel Division	UNITED KINGDOM
David	White	ExxonMobil	UNITED KINGDOM
Andrew	Wrath	Instromet UK	UNITED KINGDOM
Mei Chee	Yung	Brunei Shell Petroleum	BRUNEI
Klaus	Zanker	Daniel Measurement and Control	USA

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Exhibitor List

NEL is pleased to announce that the following companies are exhibiting within the Atrium Area refreshments will be served during Workshop intervals:



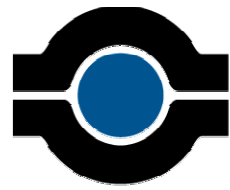
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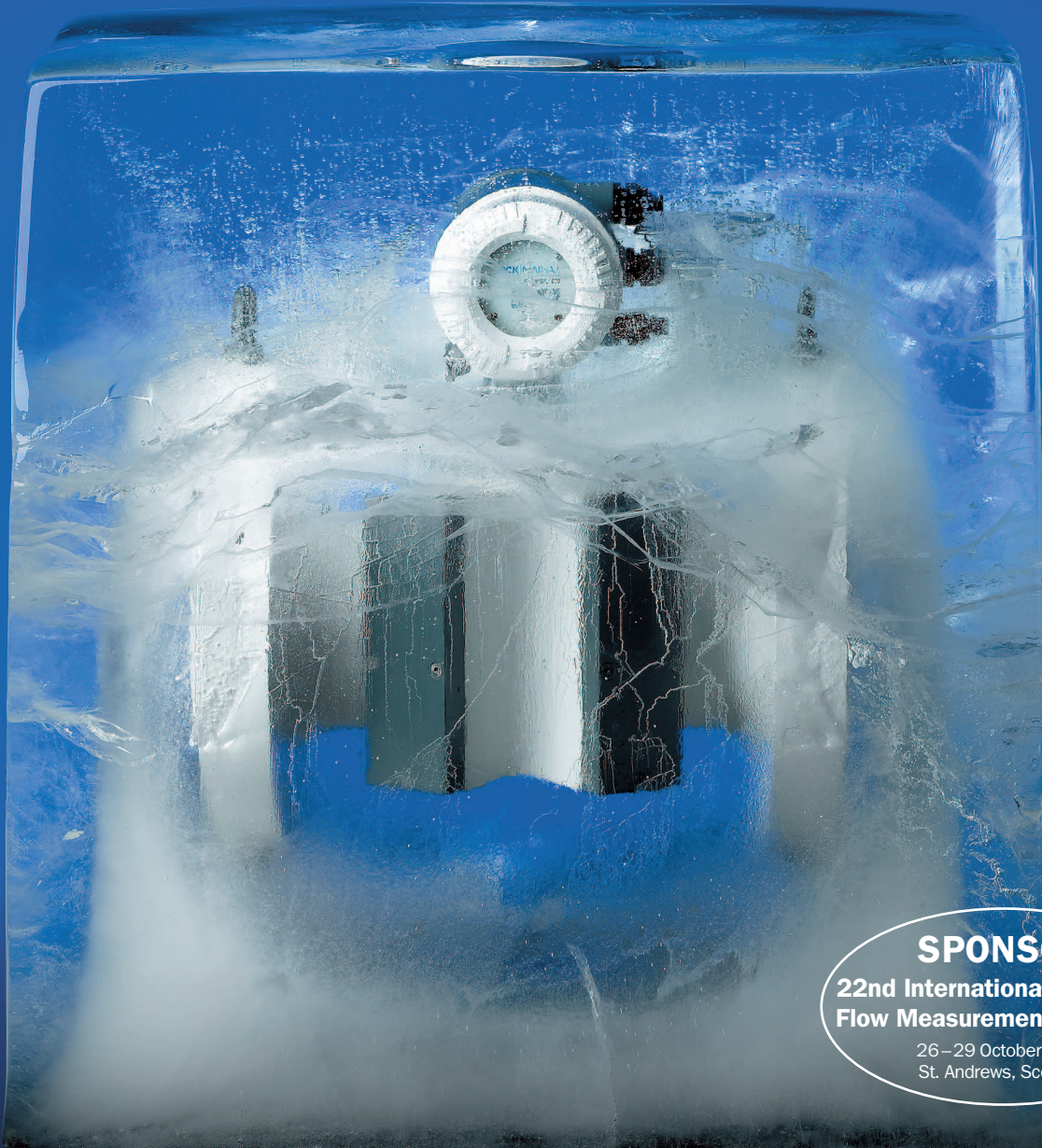




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As a major supplier of technical services to the oil and gas industry, we have a strong track record in several specialist disciplines, including multiphase flow measurement, safety and reliability, structural integrity, subsea downhole systems and deep-water tethers technology.

NATIONAL ENGINEERING LABORATORY CONTACT DETAILS

For further information on NEL and its services contact Marietta Hughes, National Engineering Laboratory, East Kilbride, Glasgow G75 0QU. Email: info@tuvnel.com - Fax: ++44 (0)1355 272999 - Tel: ++44 (0)1355 272017

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PAPERS AND PRESENTATIONS

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QUESTIONNAIRE

We would be grateful if you could take time to complete the questionnaire within Section 2 of the Proceedings and hand it to any member of NEL staff before you leave this afternoon.

Thank you

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