

<p style="text-align: center;">PROGRAM</p> <p style="text-align: center;">VI International Conference</p> <p style="text-align: center;">“GAS TRANSPORTATION SYSTEMS: PRESENT AND FUTURE”</p> <p>Razvilka Settlement Gazprom VNIIGAZ LLC</p> <p style="text-align: center;">October 28, 2015, Wednesday</p> <p style="text-align: center;">PLENARY SESSION</p> <p style="text-align: center;">(room 302, E Building)</p> <p>Chairman: Vitaly Anatolyevich Markelov – Deputy Chairman of the Gazprom PJSC Management Committee</p> <p>Co-chairmen: Vyacheslav Alexandrovich Mikhaleiko – Department Head, Gazprom PJSC Oleg Yevgenyevich Aksyutin – Department Head, Gazprom PJSC Andrey Borisovich Skrepnyuk – Department Head, Gazprom PJSC Dmitry Vladimirovich Lyugay – Director General of Gazprom VNIIGAZ LLC Sergey Viktorovich Alimov – Deputy Department Head, Gazprom PJSC Vadim Viktorovich Nasteka – Deputy Department Head – Head of Directorate, Gazprom PJSC Nikolay Pavlovich Aleshin – Academician of RAS, Director of FSAI R&E Center of Welding and Control at Bauman Moscow State Technical University</p>	9.00–10.00	Registration of participants, collection of p Morning coffee (1st floor, E Building)		
	10.00–10.20	OPENING OF THE CONFERENCE		
			Dmitry Vladimirovich Lyugay (Director General of Gazprom VNIIGAZ LLC) Welcoming address	
			Vitaly Anatolyevich Markelov (Deputy Chairman of the Gazprom PJSC Management Committee) Welcoming address of the management of Ga	
			OFFICIAL GREETINGS	
			Pavel Zavalny (Head of Energy Committee of the State Dum Federation)	
			Ruslan Goryukhin (Executive Director of Association of equipme technologies of gas industry»)	
	Reports			
	10.20	P1	V.A. Mikhaleiko (Gazprom PJSC) Directions of scientific and technical development of the gas transportat Gazprom PJSC <i>Speaker</i> – Vyacheslav Alexandrov (Department Head, Gazprom PJSC)	
	10.40	P2	D.V. Lyugay, V.N. Voronin (Gazp Scientific and technical supervision development and operation of gas systems <i>Speaker</i> – Dmitry Vladimirovich Ly (Director General)	

11.00	P3	B.V. Budzulyak (<i>Self-regulated organization Association of Gas and Oil Complex Builders</i>) Evolutionary transition to a new stage of UGSS development <i>Speaker – Bogdan Vladimirovich Budzulyak (President of the Self-regulated organization Association of Gas and Oil Complex Builders)</i>	12.35	P7	G.E. Odishariya (<i>Gazprom VNIIG</i>) Creation of LNG complexes of different types on the basis of domestic technologies (problems and solutions) <i>Speaker – Gurami Erastovich Odishariya (Adviser to Director General)</i>
11.20	P4	N.A. Makhutov (<i>Russian Academy of Science, Institute for Machine Science of RAS “Critical and Strategic Infrastructure Facilities Safety and Security”</i>) Risks analysis in the strategic planning of gas transportation system development <i>Speaker – Nikolay Andreyevich Makhutov (Member-Correspondent of RAS, Chairman of Working group for the analysis of risks and security issues under the RAS President)</i>	12.50	P8	A. Grigoryan (<i>ENGIE</i>) Pressure gas pipelines integrity: scientific and technical cooperation with Gazprom PJSC <i>Speaker – Albert Grigoryan (ENGIE Representative Office Head)</i>
11.40	P5	N.P. Aleshin (<i>Russian Academy of Science, FSAI R&E Center of Welding and Control at Bauman MSTU</i>) New diagnostic systems and processes for diagnostics of trunk pipelines <i>Speaker – Nikolay Pavlovich Aleshin (Director of FSAI R&E Center of Welding and Control at Bauman MSTU, Academician of RAS)</i>	13.05	P9	N.A. Masvie (<i>DNV GL AS</i>) Technology development and Lessors in Russia's gas pipeline industry; a DNV GL AS <i>Speaker – Nils Andreas Masvie (Vice-President of DNV GL AS)</i>
12.00–12.20	Coffee break				
12.20	P6	G.V. Kotishevsky (<i>Gazprom StroyTEK Salavat CJSC</i>) Comprehensive approach to development, production and supply of specialised products for sites of Gazprom PJSC in the new economic conditions <i>Speaker – Gennady Vitalyevich Kotishevsky (Director General)</i>			

TECHNICAL SESSIONS

October 28, 2015, Wednesday, 14.20–17.00

SESSION A

(room 204, E Building)

TRUNK GAS TRANSMISSION TECHNOLOGIES

Session Chair: **Anatoli Venergiyevich Chepkasov** –
Head of Directorate, Gazprom PJSC

Session Co-chair: **Nikolay Borisovich Nesterov** –
Deputy Head of Directorate, Gazprom PJSC
Valery Nikolayevich Voronin –
Deputy Director General
for Science of Gazprom VNIIGAZ LLC
Gurami Erastovich Odishariya –
Adviser to Director General of
Gazprom VNIIGAZ LLC
Sergey Yuryevich Salnikov –
Director of Centre for Compressor Stations and
Power Equipment of Gazprom VNIIGAZ LLC

14.20	A1	A.V. Chepkasov, A.V. Zhenev (Gazprom PJSC), S.Yu. Salnikov, R.V. Shintyapin, S.Yu Tertichny (Gazprom VNIIGAZ LLC) Principles of developing the complex program on reconstruction and technical modernization of gas transportation facilities for the time period of 2016-2020 <i>Speaker – Anatoli Venergiyevich Chepkasov</i> (Head of Directorate)	15.00	A3	Yu.V. Lisin (Transneft R&D LLC) Research of physical and chemical properties of long-term operated pipelines, safe operation evaluation <i>Speaker – Yury Victorovich Lisin</i> (General Transneft R&D LLC)
			15.20	A4	T.V. Andreyeva (Gazprom Transgaz Ukh Development of Gazprom Transgaz Ukh means of implementation of large-scale “n powerful energy potential of Russia <i>Speaker – Tatiana Vladimirovna Andreyev</i> (Deputy Head of Projects Examination and Service of Engineering and Technology C
			15.40	A5	I.O. Stureyko (Nilgazekonomika LLC) Options of carbohydrates removal from the Gydan Peninsula and adjacent shore of th <i>Speaker – Igor Olegovich Stureyko</i> (Depu Transport Economy and Underground Sto
			16.00	A6	V.A. Kuznetsov, V.A. Lazutin, N.N. Seva D.A. Cheprasov (Gazprom Space System Application of airspace technologies for so problem of trunk gas pipelines line part air <i>Speaker – Vladimir Alexandrovich Lazutin</i> Chief Designer for Geographic Information
			16.20	A7	A.A. Belyakov, A.A. Vinogradov (Gipro Optimization of block valves arrangement trunk pipelines <i>Speaker – Alexey Andreyevich Vinogrado</i> (Head of TIS Group of TPLPCDD)
14.40	A2	A.Z. Shaykhtudinov, S.I. Dolgov, V.S. Safonov (Gazprom VNIIGAZ LLC) Improving operational efficiency of gas transportation infrastructure using LNG complexes <i>Speaker – Vladimir Sergeevich Safonov</i> (Adviser to Director General)	16.40	A8	O.F. Shayakhov (PF Uraltruboprovodstro A.G. Gaynanova (Ufa State Petroleum Te University) Advanced management methods and techn computer-aided design of pipeline transpo <i>Speaker – Oleg Fanisovich Shayakhov</i> (D General for Development)

17.00–17.10	Coffee break. Visiting exhibition
17.15	Transfer to Gala dinner
18.00–22.00	Gala dinner. Entertainment program

TECHNICAL SESSIONS

October 29, 2015, Thursday, 9.00–17.00

SESSION A

(room 204, E Building)

TRUNK GAS TRANSMISSION TECHNOLOGY

8.15–9.00		Registration of participants, collection of Morning coffee (1st floor, E Building)
9.00	A9	G.A. Derevyagin, V.V. Kozlov (<i>SPA Vympe</i>) Single-strand gas measuring station DN 800 concept and implementation experience <i>Speaker – Vyacheslav Vasilievich Kozlov (</i> <i>Gas Measurement Department)</i>
9.20	A10	V.N. Yushmanov, F.D. Vovk (<i>Gazprom Tra</i>) Energy-saving policy of Gazprom Transgaz Current trends in the development of Comp processes for energy efficiency improvement <i>Speakers – Valery Nikolayevich Yushmanov</i> <i>Dispatcher Service), Fedor Eduardovich Vo</i> <i>Service Manager)</i>
9.40	A11	Ye.A. Zolotarev (<i>Gidroaerotsentr CJSC</i>) Simulation of gas transmission processes to efficiency <i>Speaker – Yevgeny Alexandrovich Zolotarev</i> <i>(Design Engineer)</i>
10.00	A12	M.V. Lisanov (<i>NTTs PB CJSC</i>) New industrial safety requirements and met support improvement for accidents risk ana industrial facilities of pipeline transmission <i>Speaker – Mikhail Vyacheslavovich Lisanov</i> <i>(Risk Analysis Centre Director)</i>

10.20	A13	G.Yu. Churkin, A.A. Sinitsina (ANO, Agency for the research of industrial risks) Experience and problems of development of project specific technical specifications for gas-transport system facilities <i>Speaker – Gleb Yuryevich Churkin (Deputy Director)</i>	10.20–14.20	Lunch break
10.40–11.00	Q & A Session		14.20	A18
11.00–11.30	Coffee break. Visiting exhibition			V.V. Kapysh (Gazprom Transgaz Volgograd), V.A. Istomin (Gazprom VNIIGAZ LLC) Gas hydrates development prevention on gas stations <i>Speaker – Vladimir Vasilyevich Kapysh (Lead of Metrological Support of Reference Specialized Equipment)</i>
10.30	A14	A.M. Revazov (Gubkin Russian State University of Oil and Gas), S.T. Alekperova (SERCONS Group of Companies) Predicting operating reliability of trunk gas pipelines based on the monitoring of factors influencing the occurrence of emergency situations <i>Speaker – Sayaly Tagiyevna Alekperova (Head of Project Specific Standards Development and Approval Support Area)</i>	14.40	A19
11.50	A15	S.A. Yamnikov (Gazprom VNIIGAZ LLC) Methodological approach to defining liability limits for environmental insurance at development of gas transportation network of the Eastern Siberia and the Far East. <i>Speaker – Stanislav Andreyevich Yamnikov (Deputy Head of Risk Management and Insurance Laboratory)</i>	15.10	A20
12.10	A16	S.A. Kovalev, M.A. Kirkin, K.S. Zhelezov (Gazprom VNIIGAZ LLC) Provision of safety in design of trunk pipeline crossings over motor roads and railways <i>Speaker – Maxim Alexandrovich Kirkin (Deputy Head of Laboratory for Emergency Scenario Modelling)</i>	15.40–16.00	Q & A Session
12.30	A17	Yu.A. Mayants, S.V. Karpov, D.I. Shiryapov (Gazprom VNIIGAZ LLC) Definition of requirements for procedures and organization of preliminary tests of gas line sections <i>Speaker – Yuri Anatolyevich Mayants (Deputy Director of the Centre for Pipelines Construction, Repairing and Corrosion Protection Technologies)</i>	16.00	A21
12.50–13.20	Q & A Session. Visiting exhibition		16.20	A22
			16.40–17.00	Q & A Session. Wrap up of Technical Sessions

17.30	Closing Plenary Session. Conference Wrap up
18.00–20.00	Dinner

TECHNICAL SESSIONS

October 28, 2015, Wednesday, 14.20–17.00

SESSION B

(room 202, E Building)

COMPRESSOR STATIONS DESIGN, CONSTRUCTION OPERATION

Session Chair: **Victor Arkadyevich Seredenok**
Head of Directorate, Gazprom PJSC

Session Co-chair: **Alexander Zaynetdinovich Sha**
Deputy Director General for Scientific and Technical Development, Gazprom VNIIGAZ LLC

Mikhail Yevgenyevich Sidorov
Deputy Head of Directorate,
Gazprom PJSC

Victor Victorovich Sedov – Div
Gazprom PJSC

Vladimir Alexandrovich Schur
Chief Research Associate of Center for Research and Development of Compressor Stations and Power Plants, Gazprom VNIIGAZ LLC

14.20	B1	V.A. Seredenok, V.V. Sedov (Gazprom PJSC), S.Yu. Salnikov, A.V. Semushkin, V.A. Schur (Gazprom VNIIGAZ LLC) Gas-compressor equipment of Gazprom PJSC: current state and development prospects <i>Speaker – Victor Arkadyevich Seredenok (Head of Directorate)</i>
14.40	B2	O.E. Vasin (NOVATEK JSC) New-generation gas-compressor unit (GCU) for petroleum gas (APG) booster compressor stations with intermediate low-temperature separation (LTS) <i>Speaker – Oleg Yevgenyevich Vasin (Head of Department, GCS Transportation Directorate, Department of Condensate Extraction and Refining)</i>

15.00	B3	V.B. Shatrov, M.I. Sokolovskiy, S.I. Burdyugov, Yu.P. Yeryshkin, E.L. Selyanskaya, S.V. Kasyanov <i>(NPO Iskra PJSC)</i> Compressor equipment of NPO Iskra. Advanced developments <i>Speaker – Elena Leonidovna Selyanskaya</i> <i>(Head of Design Division for Compressor Equipment)</i>	17.15	Transfer to Gala dinner
			18.00–22.00	Gala dinner. Entertainment program
15.20	B4	D.V. Pashinkin, E.A. Novikov, A.P. Kharitonov <i>(NII turbokompressor CJSC named after V.B. Shnepp, GMS Group)</i> Capabilities of Kazancompressormash JSC, GMS Group for compressor equipment delivery <i>Speaker – Eugeny Alexandrovich Novikov (Deputy General Director for R&D)</i>		
15.40	B5	E.V. Guzaev, A.N. Morozov <i>(UEC Gas Turbines JSC)</i> Delivery of gas-turbine units for energy supply of gas transportation network facilities <i>Speakers – Yevgeny Valentinovich Guzayev (Chief Designer) and Alexander Nikolayevich Morozov (Deputy Chief Designer for EGTU)</i>		
16.00	B6	D.A. Korobko <i>(Siemens LLC)</i> RusTurboMash – localised compressor equipment for oil and gas complex <i>Speaker – Daniil Alexandrovich Korobko (Director of Business Unit for Compressor Equipment)</i>		
16.20	B7	E.V. Guzaev, A.V. Yablokov <i>(UEC - Gas Turbines JSC)</i> Experience of UEC - Gas Turbines JSC (UEC-GT JSC) in designing and manufacturing GPU within a short time period <i>Speakers – Yevgeny Valentinovich Guzayev (Chief Designer) and Alexander Vladimirovich Yablokov (Deputy Specialist in GPU)</i>		
16.40	B8	S.A. Leontiev <i>(Siemens LLC)</i> New business of Siemens company – new extended line of solutions for oil and gas industry <i>Speaker – Sergey Avenirovich Leontiev (Leading Projects Development Manager)</i>		
17.00–17.10		Coffee break. Visiting exhibition		

TECHNICAL SESSIONS

October 29, 2015, Thursday, 9.00–17.20

SESSION B

(room 202, E Building)

COMPRESSOR STATIONS DESIGN, CONSTRUCTION AND OPERATION

8.15–9.00		Registration of participants, collection of presentations. Morning coffee (1st floor, E Building)		10.00	B13	<p>A.D. Vanyashov, A.V. Krupnikov, E.M. Vanyashov (SIBNEFTETRANSROYEKT OJSC)</p> <p>Efficiency assessment of substitution of RFP-16/76-1.35 in GPU-Ts-16 in the section Yagelnaya-CS Karpinskaya</p> <p><i>Speakers – Alexander Dmitriyevich Vanyashov (Division for Compressor Stations Design), Anton Vladimirovich Krupnikov (Chief Engineer)</i></p>
9.00	B9	<p>A.O. Prokopets, D.V. Kosachev (Gazprom Transgaz Yugorsk LLC), O.V. Komarov (Ural Federal University)</p> <p>Project of optimised power-efficient adjustment of gas transmission unit GTK-25I</p> <p><i>Speaker – Oleg Vyacheslavovich Komarov (Head of Power Engineering Chair)</i></p>	11.30	10.15	B14	<p>I.A. Yanvarev (Omsk State Technical University), A.V. Krupnikov, A.D. Vanyashov (Sibneftetransproyekt OJSC)</p> <p>Improvement of operational efficiency of gas transmission units of the boosting compressor station while decreasing compression volumes</p> <p><i>Speaker – Igor Anatolyevich Yanvarev (Thermal Engineering Chair Associate Professor)</i></p>
9.15	B10	<p>Yu.B. Galerkin, A.F. Rekstin, K.V. Soldatova, A.A. Drozdov (Scientific Research Laboratory “Gas dynamics of turbo-machines” of the Joint Institute of Science and Technology SPbSPU)</p> <p>Gasdynamic designing of centrifugal compressors for gas industry: specifics and special features</p> <p><i>Speaker – Kristina Valeryevna Soldatova (Leading Engineer)</i></p>	11.30	10.45–11.00	Q & A Session	
9.30	B11	<p>Yu.B. Galerkin, A.F. Rekstin, K.V. Soldatova, A.A. Drozdov (Scientific Research Laboratory “Gas dynamics of turbo-machines” of the Joint Institute of Science and Technology SPbSPU)</p> <p>Radial and axial-radial impellers of centrifugal compressors - advantages, disadvantages, scope of application</p> <p><i>Speaker – Alexander Alexandrovich Drozdov (Leading Engineer)</i></p>	11.30	11.00–11.30	Coffee break. Visiting exhibition	
9.30	B16	<p>M.V. Smolyaninov (Hydroaerocenter Group)</p> <p>Detailed modeling of “crude” gas cooling process in BCS</p> <p><i>Speaker – Mikhail Vasilyevich Smolyaninov</i></p>	11.45	11.30	B17	<p>A.M. Danilyuk (Genborg JSC)</p> <p>New trends in development of air coolers of gas turbines</p> <p><i>Speaker – Alexander Mikhailovich Danilyuk (Production)</i></p>
09.45	B12	<p>A.V. Semushkin, S.S. Mikheev (Gazprom VNIIGAZ LLC)</p> <p>Problems and prospects in developing the booster complex of Komsomolskoye and Zapadno-Tarkosalinskoye gas fields</p> <p><i>Speaker – Sergey Sergeyeovich Mikheev (Junior Research Associate of Compressor Equipment and Technology Laboratory)</i></p>	12.05	11.45	B18	<p>A.I. Zhukov (Siemens LLC)</p> <p>Natural gas pressure potential energy utilisation in power production in Siemens turbo-expanders</p> <p><i>Speaker – Alexey Igorevich Zhukov (Sales)</i></p>

12.20	B19	V.N. Voronin, I.L. Vyalykh, V.L. Lazarev, A.A. Kaverin, I.V. Nedopad, A.V. Lipovik (Gazprom VNIIGAZ LLC), O.V. Burutin (Gazprom PJSC) Modern state and development directions of internal pipeline diagnostic means for compressor stations' pipelines of Gazprom PJSC <i>Speaker – Alexander Alexandrovich Kaverin (Chief Specialist of Pipelines and Equipment Technical Diagnostics Laboratory)</i>	14.45–15.00	B24	A.Ye. Lapitsky, L.I. Kozachenko, A.A. Kozachenko, Ye.A. Terentyev (SD Lenorgenergogaz, Orgenergogaz OJSC) Specifics of GPU gas compressors testing in field conditions <i>Speaker – Yevgeny Alexeyevich Terentyev (Deputy Head of Production Division for Compressor Stations)</i>
12.35	B20	S.V. Nefedov, M.Yu. Panov, V.M. Silkin, V.P. Stolov (Gazprom VNIIGAZ LLC) The engineering method for estimation of reliability parameters of compressor stations' industrial pipelines <i>Speaker – Vladimir Petrovich Stolov (Head of GTS Reliability and Life Span Laboratory)</i>	15.00–15.15	B25	A.V. Semushkin, A.O. Podlozny, E.A. Churavskiy, V.A. Schurovsky (Gazprom VNIIGAZ LLC) About the unification of parametric diagnostic methods for estimation of technical condition factors of gas turbine engines <i>Speaker – Alexander Olegovich Podlozny (Head of Gas Pumping Units Laboratory)</i>
12.50	B21	A.V. Elishev (GE RUS) Experience in application of General Electric industrial video endoscopes and analysis of gas-air flow duct condition of compressor stations gas turbine engines <i>Speaker – Anton Vladimirovich Yelishhev (Industrial Video Endoscopes Sales Manager of GE RUS)</i>	15.30–15.40	B26	A.S. Khlynin, O.V. Kryukov (Giprogaztsema) Composite automatic control systems for electrical drive of gas-pumping units <i>Speaker – Alexander Sergeevich Khlynin (IE&PS Department 1st Category Engineer)</i>
13.05–13.20	Q & A Session. Visiting exhibition		15.40–16.00	Q & A Session	
13.20–14.20	Lunch break		16.00–16.20	Coffee break. Visiting exhibition	
14.20	B22	V.K. Yun, A.S. Reyder (REP Holding JSC) Experience of testing multi-stage centrifugal pumps for booster compressor stations Gazprom PJSC <i>Speaker – Alexander Sergeevich Reyder (Head of Laboratory for Gas-Dynamic, Strength and Vibration Tests of Centrifugal Compressors)</i>	16.20–16.30	B27	Yu.I. Grishin (INTRA PROJECT LLC) Gas condensation systems and units <i>Speaker – Yuri Igorevich Grishin (Director in Charge of Projects)</i>
14.35	B23	D.G. Kashtanov, V.G. Pazinich (JSC "REP Holding") Use of JSC "REP Holding" magnetic suspension for rotary compressors <i>Speaker – Dmitry Gennadyevich Kashtanov (Sales Dept. Director)</i>	16.30–16.40	B28	D.V. Mosolov (Vega-GAZ LLC) Application of home-produced software and contemporary automated control systems <i>Speaker – Dmitri Valentinovich Mosolov (First Deputy General for Production – Chief Engineer)</i>
				B29	S.Yu. Polyakov, A.A. Mukhin, A.E. Skryabin (Gazprom VNIIGAZ LLC) Technical requirements to lubrication oils for gas turbine engines <i>Speaker – Sergey Yuryevich Polyakov (Deputy Head of Oils and Lubricants Laboratory)</i>

TECHNICAL SESSIONS

October 28, 2015, Wednesday, 14.20–17.00

SESSION C

(room 302, E Building)

GAS PIPELINE SYSTEMS TECHNICAL CONDITION AND INTEGRITY CONTROL

16.45	B30	A.I. Fedorov (<i>DEN RUS LLC</i>) Innovational solution in the field of overvoltage protection for gas transportation system <i>Speaker – Alexey Igorevich Fedorov (Chief Specialist)</i>
17.00–17.20	Q & A Session. Wrap up of Technical Session B	
17.30	Closing Plenary Session. Conference Wrap up	
18.00–20.00	Dinner	

Session Chair:

Sergey Victorovich Alimov –
First Deputy Department Head,
Gazprom PJSC

Session Co-chair:

Oleg Nikolayevich Melekhin –
Head of Directorate, Gazprom

Alexander Nikolayevich Pasechnikov –
Deputy Head of Directorate –
Head of Division, Gazprom PJSC

Sergey Vasilyevich Nefedov –
Director of the Centre for the Gas Pipeline
and Technical Condition Management,
Gazprom VNIIGAZ LLC

14.20	C1	S.V. Alimov, O.N. Melekhin (<i>Gazprom PJSC</i>), V.N. Voronin, S.V. Nefedov, V.A. Schur (<i>Gazprom VNIIGAZ LLC</i>) Concept of control of technical condition and integrity of gas transmission facilities of Gazprom PJSC <i>Speaker – Oleg Nikolayevich Melekhin (Head of Directorate, Gazprom PJSC)</i>
14.40	C2	G.A. Milko-Butovsky, S.V. Nefedov, V.N. Voronin (<i>Gazprom VNIIGAZ LLC</i>), O.N. Melekhin (<i>Gazprom PJSC</i>), M. A. Pasechnikov (<i>Gaztransit LLC</i>) Life-cycle of long-term programs of management of technical condition and integrity of gas transmission pipeline line part (GTS TP LP) facilities <i>Speaker – Georgy Alexandrovich Milko-Butovsky (Chief Specialist of GTS Reliability and L)</i>

15.00	C3	A.S. Vakhtanov, V.A. Lazutin, N.N. Sevastyanov, D.S. Sergeev (<i>Gazprom Space Systems JSC</i>) Setting up database of spatial information of trunk pipelines and surrounding facilities description for calculation system of Gas Transmission System Facilities Technical Condition and Integrity Control System <i>Speaker – Vladimir Alexandrovich Lazutin (First Deputy Chief Designer for Geographic Information Systems)</i>	16.20	C7	O.N. Melekhin, A.B. Arabey, O.V. Buru (<i>Gazprom PJSC</i>), I.V. Ryakhovskikh (<i>Gazprom LLC</i>) Justification of long-term operation of pipelines with corrosion-cracking defects (areas of concentration of operating trunk gas pipelines) <i>Speaker – Ilya Victorovich Ryakhovskikh (Head of Corrosion Cracking Research Laboratory)</i>
15.20	C4	V.V. Kim (<i>Engineering-Technical Centre branch of Gazprom Transgaz Krasnodar LLC</i>) Specifics of the gas transport system facilities technical condition and integrity control system implementation in Gazprom Transgaz Krasnodar LLC <i>Speaker – Vladimir Vladimirovich Kim (1st Category Engineer)</i>	16.40	C8	I.V. Maksyutin (<i>Gazprom Transgaz Ukhomsk LLC</i>) Problems of stress corrosion cracks diagnosis and their development on the pipes of underground gas pipelines <i>Speaker – Igor Vladimirovich Maksyutin (Deputy Head of Structure Elements Reliability Engineering and Technology Centre (SEK))</i>
15.40	C5	S.V. Ovcharov, Yu.V. Gamera, Yu.Yu. Petrova (<i>Gazprom VNIIGAZ LLC</i>) Main stages and features of the procedure of analysing accident risks at site facilities within the frameworks of the system of technical condition and integrity control of GTS facilities <i>Speakers – Sergey Victorovich Ovcharov (Head of Technical Risks and Industrial Safety Laboratory), Yuri Vasilyevich Gamera (Leading Research Associate)</i>	17.00–17.10	Coffee break. Visiting exhibition	
			17.15	Transfer to Gala dinner	
			18.00–22.00	Gala dinner. Entertainment program	
16.00	C6	M.Yu. Karnaukhov, V.E. Kurilov, S.A. Redikultsev, A.M. Rudenko, I.V. Kovalchuk, O.S. Pshentsov (<i>Gazprom Transgaz Surgut LLC</i>), M.B. Basin, I.A. Veremenko, A.G. Mikhaylenko (<i>Gaztranzit LLC</i>) Basic approaches to implementation of technical condition and integrity control system of site facilities in GIS of TP of Gazprom Transgaz Surgut LLC <i>Speaker – Anatoly Grigoryevich Mikhaylenko (Deputy Director General for Information Technologies)</i>			

TECHNICAL SESSIONS

October 29, 2015, Thursday, 9.00–17.20

SESSION C

(room 302, E Building)

GAS PIPELINE SYSTEMS TECHNICAL CONDITION AND INTEGRITY CONTROL

			09.50	C12	<p>A.A. Samokrutov, V.G. Shevaldygin (A.S. Yu. Voronchikhin (IntroScan Technol</p> <p>Current state and development prospects for pipelines diagnostics</p> <p><i>Speaker – Andrey Anatolyevich Samokrutov (Director General)</i></p>
			10.05	C13	<p>V.A. Suvorov (AKS LLC)</p> <p>Technologies of automated ultrasonic testing of joints and pipes body</p> <p><i>Speaker – Vyacheslav Andreyevich Suvorov (Specialist)</i></p>
8.15–9.00		Registration of participants, collection of presentations. Morning coffee (1st floor, E Building)			
9.00	C9	<p>V.V. Vavilov (Gazprom PJSC), V.V. Kharionovsky (Aerospace Monitoring and Technologies CJSC)</p> <p>Experience and prospects for R&D works at the testing benches and sites of Gazprom PJSC</p> <p><i>Speaker – Vladimir Vasilyevich Kharionovsky (Deputy Director General – Director of Expert Analytical Centre)</i></p>	10.20	C14	<p>M.N. Lysiy, S.N. Aksenov (Gazproekt-D)</p> <p>Robot-aided internal pipeline diagnostics adapted for internal pipeline inspection</p> <p><i>Speaker – Sergey Nikolayevich Aksenov (Diagnosics (IPD) Sales Group Manager)</i></p>
9.20	C10	<p>O.N. Melekhin, A.V. Molokanov (Gazprom PJSC), I.L. Vyalykh, V.L. Lazarev, D.A. Zotov (Gazprom VNIIGAZ LLC), V.V. Lopatin (Spetsneftegaz NPO JSC)</p> <p>Modern state and development prospects of internal pipeline diagnostic means for gas pipelines of Gazprom PJSC</p> <p><i>Speaker – Igor Leonidovich Vyalykh (Head of Pipelines and Equipment Technical Diagnostics Laboratory)</i></p>	10.35	C15	<p>I.Yu. Morin, V.M. Silkin, M.Yu. Panov, V. (Gazprom VNIIGAZ LLC)</p> <p>Justification of requirements to monitoring technical condition of main gas pipelines using distributed fiber optic sensors</p> <p><i>Speaker – Igor Yuryevich Morin (Leading Associate of GTS Reliability and Life Span)</i></p>
			10.50–11.00	Q & A Session	
			11.00–11.30	Coffee break. Visiting exhibition	
9.35	C11	<p>B.G. Gusenko, B.V. Patramansky, V.V. Lopatin (Spetsneftegaz NPO JSC)</p> <p>Quality improvement and capabilities enhancement of internal pipeline diagnostics. Combined magneto-acoustic diagnostic pigs</p> <p><i>Speaker – Vladislav Victorovich Lopatin (Head of R&D Division)</i></p>	11.30	C16	<p>A.A. Dubov, Al. A. Dubov (Energodiagn)</p> <p>Experience in application of non-contact pipeline diagnostics and its development</p> <p><i>Speaker – Anatoli Alexandrovich Dubov (Director General)</i></p>

11.45	C17	A.V. Molokanov (Gazprom PJSC), I.L. Vyalykh , V.L. Lazarev , D.A. Zotov , A.V. Lipovik , A. Ye. Remizov (Gazprom VNIIGAZ LLC) The results of field tests of magnetometric means for non-contact ground inspection of trunk gas pipelines <i>Speaker – Vladimir Lvovich Lazarev (Deputy Head of Pipelines and Equipment Technical Diagnostics Laboratory)</i>	14.20	C22	Ye.A. Voznyuk (Giprospeetsgaz JSC) Reliability management in gas transmission process facilities design <i>Speaker – Yevgeny Anatoliyevich Voznyuk (Engineer of Reliability and Risk Analysis Engineering Centre)</i>
12.00	C18	V.V. Gordiychuk (Simmakers LLC) Prediction of the heat effect of gas transportation systems on permafrost soils <i>Speaker – Vladimir Vladimirovich Gordiychuk (Leading Specialist)</i>	14.35	C23	V.S. Safonov , A.Z. Shaykhtudinov , S.V. Melnikov (Gazprom VNIIGAZ LLC), A.V. Melnikov (Transneft R&D LLC) The problem of safety ensuring during gas transmission in atmosphere at natural gas transmission facilities <i>Speaker – Vladimir Sergeyeovich Safonov (General)</i>
12.15	C19	D.N. Zapevalov (Gazprom VNIIGAZ LLC) Corrosion control when predicting technical state of trunk gas pipelines <i>Speaker – Dmitri Nikolayevich Zapevalov (Deputy Director of the Centre for Pipelines Construction, Repairing and Corrosion Protection Technologies)</i>	14.50	C24	S. Starman , V. Matz , A. Sidorov (STAR s.r.o.) Automated system for crack detection using thermographic testing <i>Speaker – Stanislav Starman (Director General)</i>
12.30	C20	I.S. Petukhov (GCE LLC), D.V. Kosachev (Gazprom transgaz Yugorsk LLC) Experience in use of Status GTU Software Suite and its application within Technical Condition and Integrity Control System <i>Speaker – Ilya Sergeyeovich Petukhov (Head of Advanced Developments Division)</i>	15.05	C25	S. Starman , V. Matz , A. Sidorov (STAR s.r.o.) Implementation of ultrasonic phased array advanced signal processing algorithms in industrial systems <i>Speaker – Stanislav Starman (Director General)</i>
12.45	C21	O.V. Limar (TyumenNIIgiprogas LLC) About the possibility of estimating the assigned operational lifetime of the trunk gas pipelines at the design stage <i>Speaker – Oleg Vladimirovich Limar (Group Leader of Line Structures Division)</i>	15.15	C26	Yu.A. Mayants , A.V. Ushakov (Gazprom VNIIGAZ LLC) Designing and installation of subsurface pipeline support structures <i>Speaker – Yuri Anatolyevich Mayants (Deputy Director of the Centre for Pipelines Construction, Repairing and Corrosion Protection Technologies)</i>
13.00–13.20	Q & A Session. Visiting exhibition		15.30–15.40	Q & A Session	
13.20–14.20	Lunch break		15.40–16.00	Coffee break. Visiting exhibition	
			16.00	C27	A.Yu. Mikhalev (Giprogahtsentr JSC) Study of chemical composition of reusable materials <i>Speaker – Andrey Yuryevich Mikhalev (Assistant Director)</i>

TECHNICAL SESSIONS

October 28, 2015, Wednesday, 14.20–17.00

SESSION D

(room 203, E Building)

PIPING PRODUCTS, WELDING AND RELATED TECHNOLOGIES, FACTORY APPLIED COATING PRODUCTS

16.15	C28	A.N. Kolotovskiy (Gazprom PJSC), M.M. Zaderigolova (GEOTEK LLC), A.S. Lopatin (Gubkin Russian State Oil and Gas University) Diagnostics of around-pipe area of gas pipelines in the zones of natural and man-caused risks <i>Speaker – Mikhail Mikhailovich Zaderigolova</i> (Chief Specialist)
16.30	C29	I.V. Timchenko (NPP MONOTEST LLC) Technical diagnostics of heat-exchange equipment tube bank <i>Speaker – Ilya Valeryevich Timchenko</i> (Leading Specialist of Sales Division)
17.00–17.20	Q & A Session. Wrap up of Technical Session C	
17.30	Closing Plenary Session. Conference Wrap up	
18.00–20.00	Dinner	

Session Chairs:

Evgeny Mstislavovich Vyshe
Head of Division, Gazprom PJSC

Andrey Borisovich Arabey –
Head of Division, Gazprom PJSC

Session Co-chair:

Vladimir Alexandrovich Egorov
Laboratory of the Pipe Product
Techniques Development Centre
VNIIGAZ LLC

Taimuraz Suleymanovich Esiyev
Head of Pipes and Coupling Elements
Laboratory of Gazprom VNIIGAZ LLC

Sergey Petrovich Sevostyanov
Head of Welding and Control
Pipe Products and Welding
Techniques Development Centre of Gazprom

14.20	D1	E.M. Vyshemirsky (Gazprom PJSC) Improvement of normative base for welding quality control of welded connections <i>Speaker – Yevgeny Mstislavovich Vyshemirsky</i> (Head of Chief Welder Division)
14.40	D2	T.S. Esiyev, V.O. Makhanev, S.E. Yakovlev N.L. Tsalkalamanidze, O.V. Alexandrova (Gazprom VNIIGAZ LLC) About new trends in the development of technologies to pipe products for trunk gas pipeline projects <i>Speaker – Taimuraz Suleymanovich Esiyev</i> (Head of Pipes and Coupling Elements Laboratory)

15.00	D3	V.M. Silkin, V.M. Kovekh, Ye.N Ovsyannikov, I.N. Kurganova (Gazprom VNIIGAZ LLC) Development of quality evaluation standards for ring welded joints for conditions of using automated and mechanized ultrasonic testing methods <i>Speaker – Victor Mikhailovich Silkin (Deputy Director of the Centre for the GTS Integrity and Technical Condition Management)</i>	16.20	D7	N.P. Aleshin, M.V. Grigoryev (FSAI R&E and Control at N.E. Bauman Moscow State Technical University) Modern means of automated non-destructive large diameter pipelines' welding joints <i>Speaker – Mikhail Vladimirovich Grigoryev Chair, Deputy Director of R&E Center of W</i>
			16.40		
15.20	D4	N. Suzuki, T. Arakawa (JFE Steel Corporation), A.B. Arabey (Gazprom PJSC), T.S. Yesiyev, V.P. Cherniy, O.V. Trifonov, V.O. Makhanev, I.S. Sivokhin, S.E. Yakovlev (Gazprom VNIIGAZ LLC) HIPER pipes certainly ensure pipeline integrity and save construction costs in harsh environments <i>Speaker – Nobuhisa Suzuki (Chief Researcher)</i>	16.40	D8	D.M. Gandurov, M.Yu. Tulsy, I.G. Samoilov (Gazprom PJSC), S.P. Sevostyanov, D.A. Yu.A. Solovyev, V.M. Silkin (Gazprom VNIIGAZ LLC), A.P. Ladyzhansky, V.A. Danilov (NIPISST) Setting up technical requirements to welding control of welding joints quality in TP "Power construction, including active tectonic faults qualification tests of welding techniques <i>Speakers – Denis Alexandrovich Kopylov (Head of Welding and Related Techniques Construction and Repair Sector), Yuri Anatolyevich Solovyev (Head of Welding Control Sector)</i>
15.40	D5	L.A. Efimenko, O.E. Kapustin (Gubkin Russian State Oil and Gas University), D.E. Vyshemirsky (Gazprom Transgaz Moscow LLC), Ye.L. Makarov, S.A. Korolev, D.S. Rozanov (N.E. Bauman Moscow State Technical University) Research of the impact of carbon equivalent on the inclination of high-strength steel grades to form cold cracks during welding <i>Speaker – Lyubov Ayzikovna Efimenko (Professor of Welding and Monitoring of Oil and gas Structures Chair)</i>	17.15		Transfer to Gala dinner
			18.00–22.00		Gala dinner. Entertainment program
16.00	D6	I.P. Shabalov, V.Ya. Velikodnev, S.Yu. Nastich, V.S. Kalensky (Pipe Innovation Technologies LLC), S.A. Chegurov (United Metallurgical Company (OMK) JSC), M.A. Bubnov (Vyksa Steel Works JSC) Estimated and metal testing justification of high-reliability characteristics of cold-bended branches with increased bending angle, which are made of pipes with increased strain capacity (for Asia-Pacific Region zones) <i>Speaker – Sergey Yuryevich Nastich (Head of Analytical Marketing Division)</i>			

TECHNICAL SESSIONS

October 29, 2015, Thursday, 9.00–17.00

SESSION D

(room 203, E Building)

PIPING PRODUCTS, WELDING AND RELATED TECHNOLOGIES, FACTORY APPLIED COATINGS FOR PIPING PRODUCTS

8.15–9.00		Registration of participants, collection of presentations. Morning coffee (1st floor, E Building)	9.50	D12	P.P. Stepanov (OMK Vyksa Steel Works) Strategic approaches to quality assurance for advanced projects of Gazprom PJSC <i>Speaker – Pavel Petrovich Stepanov (Director of Engineering and Technology Center)</i>
9.00	D9	A.B. Arabey (Gazprom PJSC), A.G. Glebov , L.M. Kaputkina (NUST MIS&S), A.I. Abakumov , A.S. Smirnov (RFNC-VNIIEF), T.S. Yesiyev , S.E. Yakovlev (Gazprom VNIIGAZ LLC), I.Yu. Pyshmintsev , A.O. Struin (RosNITI JSC) The research experience summary for high-strength steel pipes' resistance to extended destruction (about the development of the field tests atlas for the pipes of K65 strength class) <i>Speaker – Andrey Borisovich Arabey (Head of Division, Gazprom PJSC)</i>	10.05	D13	I.G. Samorodov , T.V. Artemenko (Gazprom PJSC), A.N. Terenin (Pskovelektrosvar CJSC), S.P. Sevostyanov , Yu.A. Solovyev (Gazprom VNIIGAZ LLC) New welding technologies with the application of laser assisted gas metal arc (MIG) and gas tungsten arc (TIG) flashing welding equipment sets. Development of technical documents for welding and quality control <i>Speaker – Alexander Nikolayevich Terenin (Technical Director of Pskovelektrosvar CJSC)</i> A.A. Pismenny (Pskovelektrosvar CJSC) Application of electromagnetic and thermal simulation in induction heating systems with the use of special equipment for accelerated thermal treatment of joints on high-strength pipes <i>Speaker – Alexey Alexandrovich Pismenny (Head of Welding Laboratory)</i>
9.20	D10	M.V. Simakov , V.A. Yegorov (Gazprom VNIIGAZ LLC) About the development of technical requirements to composite pipes <i>Speaker – Maxim Valeryevich Simakov (Head of Special Pipes and Couplings Laboratory)</i>	10.20	D14	A.B. Gizatullin , A.A. Fedyayev (ChelPip), T.S. Yesiyev , S.E. Yakovlev (Gazprom VNIIGAZ LLC) Mastering of production technology for elbows of unique standard size for Kirinskoye field <i>Speaker – Anton Bilguvarovich Gizatullin (Head of Welded Pipes New Types Division)</i>
9.35	D11	E.M. Vyshemirsky , T.V. Artemenko (Gazprom PJSC), S.P. Sevostyanov , D.A. Kopylov , R.O. Ramus (Gazprom VNIIGAZ LLC), S.G. Parshin (Peter the Great St. Petersburg Polytechnic University) Development and qualification testing of methods and technologies for welding repair of pipe defects and welded joints of underwater gas pipeline crossings in welding-assembly chambers, caissons and in aqueous medium <i>Speakers – Sergey Petrovich Sevostyanov (Head of Welding and Control Laboratory), Sergey Georgyevich Parshin (Acting Dean of Welding and Laser Technologies Chair)</i>	10.35	D15	A.S. Kurkin (FSAI R&E Center of Welding and Joining), N.E. Bauman (Moscow State Technical University) Evaluation of the defects acceptability for welded joints taking into account the non-destructive testing results <i>Speaker – Alexey Sergeyeovich Kurkin (Principal Engineer)</i>
			10.50	D16	A.A. Velichko (Severstal PJSC, Izhora Plant), I.P. Shabalov (Pipe Manufacturers Association) Analysis of the welding technology for large diameter pipe manufacturing <i>Speaker – Alexander Alexeyevich Velichko (Chief Process Engineer)</i>

11.05–11.30		Coffee break. Visiting exhibition	12.45	D22	A.B. Arabey (Gazprom PJSC), A.G. Glebov (Gazprom VNIIGAZ LLC), L.M. Kaputkina (NUST MIS&S), T.S. Esakova (Gazprom VNIIGAZ LLC), A.I. Abakumov (RFNC-VNIEF), I.Yu Pyshmitsnev (Rosatom), B.A. Sarychev (MMK JSC) Strain diagram and fracture development weight tests Speaker – Alexander Georgyevich Glebov (Laboratory)
11.30	D17	A.Yu. Kotolomov (Gazprom Transgaz Tchaikovsky LLC) Arrangement of re-usable pipes and piping hardware repair using welding and air-plasma back gouging technologies Gazprom Transgaz Tchaikovsky LLC Speaker – Alexey Yuryevich Kotolomov (Chief Welder – Head of General Welder Department (GWD))			
11.45	D18	Ye.A. Dasis, A.N. Tovsty, N.K. Kharlampidi (Gazprom Transgaz Ukhta LLC) Welding joints diagnostics with radiographic method of nondestructive inspection under pressure, without gas transmission interruption in conditions of Gazprom Transgaz Ukhta LLC Speaker – Nikolay Konstantinovich Kharlampidi (Category 1 Engineer of Chief Welder Division)	13.00	D23	O.V. Kondratyeva (TDW Eurasia LLC) Split tees production project in Russia Speaker – Olga Vitalyevna Kondratyeva (Production Director)
			13.15–13.25	Q & A Session. Visiting exhibition	
12.00	D19	S.N. Alexandrov, O.A. Mayorova (Giprospetsgaz JSC) Practical application of piping products with high strain capacity in Gazprom PJSC gas pipelines design Speaker – Sergey Nikolayevich Alexandrov (Group Leader)	13.25–14.20	Lunch break	
			14.20	D24	I.Yu. Pyshmintsev, A.O. Struin, V.D. Kuznetsov (RosNITI JSC), A.M. Gervasyev, R.Kh. Kuznetsov (University, Belgium) Anisotropy of pipe steels mechanical properties after thermo-mechanical controlled treatment Speaker – Alexey Olegovich Struin (Deputy Head of Welding Pipes Directorate)
12.15	D20	L.A. Efimenko, A.A. Ramus (Gubkin Russian State Oil and Gas University), D.E. Vyshemirsky (Gazprom Transgaz Moscow LLC) Interrelation between the carbon equivalent of high-strength pipe steel grades and their response to thermal cycle of welding Speaker – Dmitry Evgenyevich Vyshemirsky (Leading Engineer of Chief Welder Division)	14.30	D25	A.B. Arabey, I.V. Ryakhovskikh, R.I. Bogdanov (Gazprom VNIIGAZ LLC) Laws of stress corrosion cracks development of X70 strength class in model ground electrode close to neutral Speaker – Roman Ivanovich Bogdanov (Assistant of the Stress Corrosion Cracking Laboratory)
12.30	D21	A.P. Sazonov, V.V. Lihatsky, A.V. Latyshev, E.V. Petrusenko (Gazprom VNIIGAZ LLC) External pipes factory-applied polyethylene coatings Speaker – Alexander Petrovich Sazonov (Head of Protective Coatings Laboratory)	14.40	D26	K.A. Udod, I.G. Rodionova, O.N. Baklanov, A.Yu. Kazankov (FGUP TsNIIChermet named after I.P. Bardin) Study of metallurgical factors influence on cracking resistance parameter of modern pipe steels Speaker – Kirill Anatolyevich Udod (Junior Research Associate)

14.50	D27	V.V. Brovko, N.V. Kobernik (FSAI R&E Center of Welding and Control at N.E. Bauman Moscow State Technical University) Special features of the welding process for dissimilar steels of the different structural classes with regard to process support pipelines <i>Speaker – Victor Vasilyevich Brovko (Head of Welding Division)</i>	16.00	D32	V.V. Pankov, D.S. Pomerantsev (Olympic Center "ECHO+" LLC) Experience in application of automated ultrasonic testing method for international projects <i>Speaker – Vladimir Vyacheslavovich Pankov (Deputy Director General for Science)</i>
			16.10		
15.00	D28	A.G. Grigoryants, R.S. Tretyakov (Moscow Centre of Laser Technologies LLC) Manufacture of liquefied gas transportation (by motor, river or naval transport) tanks of high-tensile corrosion-proof nitrogenous steel of new generation <i>Speakers – Alexander Grigoryevich Grigoryants (Director General), Roman Sergeevich Tretyakov (Deputy Director General)</i>	16.20	D34	O.V. Dzyuba (SPC Welding Materials LLC) New electrodes manufactured by SPC Welding Materials LLC for pipelines welding <i>Speaker – Oleg Vyacheslavovich Dzyuba</i>
			16.30		
15.20	D30	A.A. Ustinov, A.L. Stepchikov (GE RUS) Innovative solutions of GE inspection technologies for gas transmission facilities productivity and operation reliability improvement <i>Speaker – Andrey Alexandrovich Ustinov (Technical Support Manager of GE RUS)</i>	16.40	D36	A.V. Piskunov (Ryazan State Instrumental Enterprise JSC) Welding equipment FORSAZH manufactured by RSIE JSC for semi-automated and manual welding <i>Speaker – Andrey Victorovich Piskunov (Director of Welding Equipment)</i>
			16.50		
15.30	D31	S.V. Denisov, P.A. Stekanov (MMK OJSC) MMK OJSC is a reliable supplier of rolled metal products for gas production industry <i>Speakers – Sergey Vladimirovich Denisov (Chief Specialist)</i>	17.00–17.20	Q & A Session. Wrap up of Technical Sessions	
			17.30	Closing Plenary Session. Conference Wrap up	
15.40 – 16.00	Coffee break. Visiting exhibition		18.00–20.00	Dinner	

TECHNICAL SESSIONS

October 28, 2015, Wednesday, 14.15–17.00

SESSION E

(room 213, 2nd floor, ONTS)

GAS TRANSMISSION FACILITIES CONSTRUCTION, REPAIR AND CORROSION PROTECTION

Session Chair: **Vadim Viktorovich Nasteka** –
Deputy Department Head –
Head of Directorate, Gazprom PJSC

Session Co-chair: **Victor Romanovich Olexeychuk** –
Head of Division, Gazprom JSC
Mikhail Yuryevich Mitrokhin –
Head of Directorate, Gazprom PJSC
Dmitri Nikolayevich Zapevalov –
Deputy Director of the Centre for Pipelines
Construction, Repairing and Corrosion
Protection Technologies of
Gazprom VNIIGAZ LLC
Yury Anatolyevich Mayants – Deputy Director
of the Centre for Pipelines Construction,
Repairing and Corrosion Protection
Technologies of Gazprom VNIIGAZ LLC

14.15	E1	<p>V.R. Olexeychuk (Gazprom PJSC)</p> <p>Use of autonomous power sources for gas pipelines corrosion protection</p> <p><i>Speaker – Victor Romanovich Olexeychuk (Head of Division)</i></p>
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14.30	E2	<p>A.A. Skorokhodov, S.E. Grechkin (BPC)</p> <p>Experience in micro-turbines application for trunk pipelines and new solutions on the engines</p> <p><i>Speaker – Sergey Evgenyevich Grechkin (Engineering Division)</i></p>
14.45	E3	<p>A.P. Sazonov, V.V. Lihatsky, A.V. Latyshev (Gazprom VNIIGAZ LLC)</p> <p>Pipes re-insulation technologies in depot and field</p> <p><i>Speaker – Alexander Petrovich Sazonov (Head of Protective Coatings Laboratory)</i></p>
15.00	E4	<p>V.I. Khomenko, M.V. Grigoryev, V.A. Briukhov, A.N. Vinogradov (Ultracraft CJSC)</p> <p>Mobile high-capacity pipe-welding bases construction and overhaul</p> <p><i>Speaker – Vladimir Ivanovich Khomenko (Deputy Director General)</i></p>
15.15	E5	<p>A.N. Davydov, E.V. Nadezhdin, S.L. Golovinskiy (Transneft R&D LLC)</p> <p>Using high-tensile fibre for pipeline external protection</p> <p><i>Speaker – Alexey Nikolaevich Davydov (Head of Technical Service)</i></p>
15.30	E6	<p>A.B. Arabey (Gazprom PJSC), Yu.A. Mayants, T.S. Yesiyev, A.V. Yelfimov, K.V. Polikarpov (Gazprom VNIIGAZ LLC)</p> <p>Determination of optimum process parameters for manufacture of cold-bent curves</p> <p><i>Speaker – Kirill Vladimirovich Polikarpov (Head of Pipelines Construction and Repair Technologies)</i></p>
15.45	E7	<p>A.V. Plavin (BT SVAP LLC)</p> <p>Russian innovative protection of pipes and components “Zub-Kompozit”</p> <p><i>Speaker – Alexander Victorovich Plavin (Director for Pipelines Buoyancy Control and Technologies Advancement and Development)</i></p>

TECHNICAL SESSION

October 29, 2015, Thursday, 9.00–17.30

SESSION E

(room 203, E Building)

16.00	E8	<p>S.V. Savchenkov, E.A. Spiridovich (Giprogaztsentr JSC)</p> <p>Development of algorithmic support for ultrasonic corrosion rate evaluation device</p> <p><i>Speaker – Ruslan Victorovich Aginey</i> (Deputy Director General for Science)</p>			
16.15	E9	<p>O.V. Trifonov, M.A. Kurganova, E.S. Nosova, V.P. Cherniy (Gazprom VNIIGAZ LLC)</p> <p>On the use of composite bandages for increasing the strength of main gas pipelines at crossings of active tectonic faults</p> <p><i>Speaker – Oleg Vladimirovich Trifonov</i> (Chief Research Associate of Research and Methodology and Regulatory Support Laboratory)</p>	9.00	9.00	E10
16.30–17.00	Q & A Session				
17.00–17.10	Coffee break. Visiting exhibition				
17.15	Transfer to Gala dinner		9.15	E11	<p>I.P. Shabalov, V.Ya. Velikodnev, V.S. Kalashnikov (Pipe Innovation Technologies LLC)</p> <p>Limit tolerance states of cold bending branch pipes with high strain capacity</p> <p><i>Speaker – Victor Sergeevich Kalensky</i> (Leading Specialist)</p>
18.00–22.00	Gala dinner. Entertainment program				
			9.30	E12	<p>V.Ya. Velikodnev (Pipe Innovation Technologies LLC) R.V. Unesikhin (Piping Systems Expert Research and Engineering Centre LLC)</p> <p>Design analysis of the strain state of cold bending in the pipeline during its operation</p> <p><i>Speaker – Roman Vladimirovich Unesikhin</i> (Chief Specialist)</p>
			09.45	E13	<p>A.S. Panov, V.V. Susanin, A.I. Zenkin (Kropotkin Engineering Plant (KrEMZ JSC))</p> <p>Choosing method of gas pipelines repair. Effectiveness and applicability depending on selected method</p> <p><i>Speaker – Alexander Igorevich Zenkin</i> (Head of Department)</p>

10.00	E14	E.V. Petrusenko (Gazprom VNIIGAZ LLC) S.V. Melikov (BT SVAP LLC) Calculation of strength characteristics of the heat-insulation layer for pipes with ballast coating <i>Speaker – Yevgeny Victorovich Petrusenko (Deputy Head of Protective Coatings Laboratory)</i>	12.00	E19	D.A. Komarov, M.G. Mukhametzhano (G StroyTEK Salavat CJSC) Application of textile materials on gas transport construction facilities. Stages and development <i>Speaker – Marat Gabitovich Mukhametzhano (Leading Engineer-Technologist)</i>
10.15	E15	A.V. Gerasimov, A.A. Makarov (TechProm LLC) New opportunities and approaches in designing and manufacturing of mobile technological complexes in the interests of Gazprom PJSC <i>Speaker – Alexander Alexandrovich Makarov (Leading Specialist)</i>	12.15	E20	D.I. Shiryapov, S.V. Karpov, A.S. Alikhashkin, A.V. Yelfimov, A.Yu. Rakitin (Gazprom VNIIGAZ LLC) Normative aspects of trunk pipeline cavity detection and control <i>Speaker – Dmitry Igorevich Shiryapov (Head of Pipelines Testing Laboratory)</i>
10.30	E16	O.V. Kondratyeva (TDW Eurasia LLC) Split tees production project in Russia <i>Speaker – Olga Vitalyevna Kondratyeva (Production Director)</i>	12.30	E21	E.V. Petrusenko, N.I. Savostina (Gazprom VNIIGAZ LLC) Automation of pipe welds insulation method under various conditions <i>Speaker – Evgeny Victorovich Petrusenko (Deputy Head of Protective Coatings Laboratory)</i>
10.45–11.00	Q & A Session				
11.00–11.30	Coffee break. Visiting exhibition		12.45–13.20	Q & A Session. Visiting exhibition	
11.30	E17	E.G. Chekalev, E.A. Khanin (INTRA Service Company LLC) New approaches to certification of products – as an efficiency improvement point of Gazprom PJSC companies <i>Speaker – Evgeny Alexandrovich Khanin (Head of Technical Division)</i>	13.20–14.20	Lunch break	
11.30			14.20	E22	A.V. Kalachikhin (Plackart CJSC) Experience in application of import substitution of coatings application of metals and alloys in Gazprom PJSC <i>Speaker – Andrey Victorovich Kalachikhin (Deputy Director General)</i>
11.45	E18	S.V. Karpov, A.S. Alikhashkin, D.I. Shiryapov, A.Yu. Rakitin, A.V. Elyimov (Gazprom VNIIGAZ LLC), K.A. Fazletdinov, E.K. Shakirov (Semigorye Pipelines Cleaning and Diagnostics Centre) Improvement in the order of application of pipeline pigs in trunk pipelines <i>Speakers – Alexey Sergeyeovich Alikhashkin (Chief Specialist of Gas Pipelines Testing Laboratory)</i>	14.35	E23	A.B. Arabey (Gazprom PJSC), A.I. Marshakov, V.E. Ignatenko, M.A. Petrunin, Yu.I. Kuznetsov, Vo Thanh Tien (IPCE RAS), R.I. Bogdanov (Gazprom VNIIGAZ LLC) Development of inhibited polymeric compounds to reduce the risk of stress-corrosion cracking (SCC) on trunk pipelines <i>Speaker – Vasily Eduardovich Ignatenko (Leading Research Associate)</i>

14.50	E24	A.A. Zubkov (<i>Stroygazmontazh LLC</i>), R.V. Aginey (<i>Giprogaztsentr JSC</i>) Identification criteria for geomagnetic stray current sources <i>Speaker – Ruslan Victorovich Aginey</i> (<i>Deputy Director General for Science</i>)	16.45	E29	A.M. Pushkarev, N.N. Glazov, I.Yu. Kopyev (<i>Gazprom VNIIGAZ LLC</i>) Testing of anode ground beds made of low- ChS 15 at the experimental facilities of Gazprom VNIIGAZ LLC <i>Speaker – Alexander Mikhailovich Pushkarev</i> (<i>Engineer of Electro-Chemical Protection Laboratory</i>)
15.05	E25	N.A. Petrov, N.N. Glazov, D.N. Zapevalov (<i>Gazprom VNIIGAZ LLC</i>), A.V. Goncharov (<i>Transneft R&D LLC</i>), M.A. Bashaev (<i>VNIIST OJSC</i>) About the revision of requirements for polarization potential control for underground steel constructions <i>Speakers – Nikolay Alexandrovich Petrov and Nikolay</i> <i>Nikolayevich Glazov (Head of Electro-Chemical Protection</i> <i>Laboratory)</i>	17.00–17.20		Q & A Session. Wrap up of Technical Sessions
			17.30		Closing Plenary Session. Conference Wrap up
			18.00–20.00		Dinner
15.20–15.40		Q & A Session			
15.40–16.00		Coffee break. Visiting exhibition			
16.00	E26	I.Yu. Kopyev, A.M. Pushkarev, N.N. Glazov (<i>Gazprom VNIIGAZ LLC</i>) The analysis of laboratory methods for polarization potential measurements in modelling environments <i>Speaker – Igor Yuryevich Kopyev (Deputy Head of Electro-</i> <i>Chemical Protection Laboratory)</i>			
16.15	E27	D.V. Savenkov, V.V. Pershukov (<i>Chemservice CJSC</i>) New developments of equipment for anti-corrosion protection by the company Chemservice <i>Speaker – Vyacheslav Victorovich Pershukov</i> (<i>Deputy Director General for Development</i>)			
16.30	E28	M.F. Khakamov (<i>Katod CJSC</i>) Potentials measuring instrument “Diabaz” by Katod CJSC <i>Speaker – Marat Faatovich Khakamov</i> (<i>Director General</i>)			

POSTER SESSIONS

(2nd floor, Main Building)

S1	Yu.G. Petrova (<i>Gazprom VNIIGAZ LLC</i>) On formulation of criteria basis for evaluation of corrosion hazard under effect of alternating current	S9	Yu.A. Ivanov, B.F. Nazarov, A.V. Korshunov (<i>NPP ElectroKhimZashita, LLC, Tomsk; Tomsk National Polytechnic University</i>) Electrolyte-free reference electrodes and perspectives in ECP efficiency control systems
S2	S.N. Asharin, D.S. Sirota, A.N. Ulikhin, D.N. Zapevalov (<i>Gazprom VNIIGAZ LLC</i>) Simulation of conditions of marine environment corrosive effect on pipeline steel	S10	Yu.A. Ivanov, S.M. Chukhlantsev, B.F. Nazarov, V.A. Popugin (<i>NPP ElectroKhimZashita, LLC, Tomsk; Research Polytechnic University</i>) Multifunctional cortex devices of intensive monitoring corrosion state of gas transportation facilities
S3	A.V. Latyshev, V.V. Likhatsky, A.P. Sazonov, N.I. Savostina (<i>Gazprom VNIIGAZ LLC</i>) Coatings for connections	S11	S.N. Kuimov, S.V. Bausov, A.I. Istomin, V.V. Podolskaya (<i>Gazprom Transgaz Yekaterinburg</i>) Management of technical condition of gas pipelines stress-corrosion cracking (SCC) using automation systems
S4	V.V. Lihatsky, A.P. Sazonov, E.V. Petrusenko (<i>Gazprom VNIIGAZ LLC</i>) Repair of factory polyethylene coating of pipes	S12	M.V. Smirnov, V.V. Nosov, M.I. Antonov, M.V. Shabalin (<i>Polytechtest Test Centre of Saint-Petersburg Polytechnic University</i>) Methodology of time assessment before the destruction of steel brands with crack-alike defects based on the mathematical model of acoustic emission of heterogeneous materials <i>Speaker – Maxim Victorovich Smirnov (Head of Non-Destructive Control Research Laboratory)</i>
S5	S.A. Nikulin, E.L. Karnavsky (<i>Giprogaztsentr JSC</i>) Optimum regulation of electrochemical protection equipment working modes at gas transport facilities		
S6	I.V. Ryakhovskikh, A.V. Melnikova (<i>Gazprom VNIIGAZ LLC</i>) Improvement of requirements to trunk gas pipelines with stress corrosion cracking defects		
S7	E.S. Nosova (<i>Gazprom VNIIGAZ LLC</i>) Comparison of descriptive methods of underground trunk gas pipelines interaction with the soil in the domestic and foreign practice		
S8	O.N. Melekhin (<i>Gazprom PJSC</i>), I.L. Vyalykh, D.A. Zotov, A.Ye. Lipovik, A.Ye. Remizov, I.G. Petukhov (<i>Gazprom VNIIGAZ LLC</i>) Automated non-destructive testing of pipelines' base metal and welded joints of trunk gas pipelines during overhaul operations using external flaw detectors-scanners		