

<b>SmartPlant Instrumentation Technical User Forum P2C2 (Houston SPI TUF) Meeting</b>		<b>April 24, 2007 8:00 am Fluor Engineering</b>
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<b>Attendees</b>	44 Members in attendance 3 Online Webex meetings	<b>Copied To</b>	
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<b>Called By</b>	John Dressel	<b>Prepared By</b>	John Dressel
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Item	Topic	Notes	Action/Due
1	Chairman's Notes	<ul style="list-style-type: none"> <li>- Thanks to Ken Valentine and Fluor for hosting the meeting and the presentations.</li> <li>- Thanks to members and guests for attending this meeting of the Houston SPI LTUF.</li> <li>- John Dressel spoke of current Demands on SPI. <ul style="list-style-type: none"> <li>o Demands of Technology <ul style="list-style-type: none"> <li>▪ New technologies require SPI to document more mixed system architectures and wiring matrixes.</li> </ul> </li> <li>o Demands of Projects <ul style="list-style-type: none"> <li>▪ Faster and Larger Projects demand more automation and data centricity</li> </ul> </li> <li>o Demands of Industry <ul style="list-style-type: none"> <li>▪ The Process and Power industries require better tools to optimize returns on investments</li> </ul> </li> <li>o Demands of Clients <ul style="list-style-type: none"> <li>▪ SPI clients are looking for software to be better integrated.</li> </ul> </li> <li>o Demands of Users <ul style="list-style-type: none"> <li>▪ SPI users are looking for more power with simpler interfaces</li> </ul> </li> </ul> </li> <li>- Upcoming conferences: <ul style="list-style-type: none"> <li>o The 2007 OTC conference Houston Texas 30 Apr – 3 May</li> <li>o Intergraph 2007 Users Conference Nashville TN. 21 – 24 May</li> </ul> </li> </ul>	
2	Minutes	<ul style="list-style-type: none"> <li>- Minutes of last meeting approved</li> <li>-</li> </ul>	
3	Introductions	<ul style="list-style-type: none"> <li>- Each member stood and introduced themselves and spoke of what their utilization of SPI is.</li> <li>- Welcomed several members who connected into meeting with Webex (Aramco, Saudi Arabia and Burns and McDonnell, Kansas City)</li> </ul>	

4	Intergraph Presentation	<ul style="list-style-type: none"> <li>- Houston Technical User Forum <ul style="list-style-type: none"> <li>o Alex Koifman, SmartPlant Instrumentation (INtools) and SmartPlant Explorer product manager</li> <li>o April 24, 2007</li> </ul> </li> <li>- Today's session <ul style="list-style-type: none"> <li>o SmartPlant Instrumentation v.2007 (v.8)</li> <li>o Release summary</li> <li>o 2007.1</li> <li>o 2007.2 planning</li> <li>o Beyond SPI v.2007 – plans for v.2008</li> <li>o INtools v.6 and SPI v.7 Status</li> <li>o SmartPlant Explorer 2007</li> </ul> </li> <li>- v.2007 Release objectives <ul style="list-style-type: none"> <li>o To continue business driven enhancements development in all SPI modules</li> <li>o To improve and further enhance integration</li> <li>o Continued investment in integration with the DCS vendors</li> <li>o Continued “SmartPlantization”</li> <li>o Improving the quality</li> <li>o Discontinue obsolete functionality</li> </ul> </li> <li>- Release summary <ul style="list-style-type: none"> <li>o Released for customer shipments on Friday, February 9<sup>th</sup> 2007</li> <li>o Part of SmartPlant Enterprise</li> <li>o Major release - include 251 minor and major features and improvements in the product and documentation (CR's).</li> <li>o Certification effort was focused on making sure the new functionality works and regression testing; new Automated Test Procedures (ATP)'s added to improved certification capabilities.</li> <li>o Short term progress</li> <li>o Rolled out at RTM at major operating site with As Build working on MSS 2007.</li> <li>o Have a customer preparing for integrated project (with SPPID, SPEL and SPF).</li> <li>o Several customers go through evaluation and upgrade planning</li> </ul> </li> <li>- Beyond 2007 – new release structure <ul style="list-style-type: none"> <li>o Introducing quarterly 200x.x releases – Service packs but with planned schedules every quarter; mostly fixing bugs (TR's) and streamlining existing functionality; also an opportunity to implement items that are not TR's but have critical customer demand</li> <li>o Will be release beginning of every quarter, e.g. April, July, October, January 2008</li> </ul> </li> </ul>	
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4	Intergraph Presentation (Continued)	<ul style="list-style-type: none"> <li>o Fixed dates will be strictly adhered to.</li> <li>- 2007.1 <ul style="list-style-type: none"> <li>o Released on April 3.</li> <li>o Includes 2 noticeable RI/CR's:</li> <li>o Support AutoCAD 2007 (RI-74061)</li> <li>o Import into multiple engineering projects simultaneously (CR-78164)</li> <li>o Also includes 150 TR's, predominantly v.2007 specific.</li> </ul> </li> <li>- 2007.2 <ul style="list-style-type: none"> <li>o To be released early July.</li> <li>o Several new items:</li> <li>o Interface with Emerson DeltaV (RI-49906)</li> <li>o Resolve some outstanding internationalization and localization issues</li> <li>o Update ERD</li> <li>o Maintain default view in Index when working in domain with Multiple plants;</li> <li>o Improve invalid domain deletion mechanism;</li> <li>o Add distinction between Process Control and Safety Process Control controllers</li> <li>o Solution to enhanced security issues on MSS2007</li> <li>o First phase of supporting Namur NE100 vendor interchange mechanism</li> <li>o Multiple TR's</li> </ul> </li> <li>- Plans for 2008 <ul style="list-style-type: none"> <li>o Currently in release strategy definitions building preliminary scope. Release date – April 2008.</li> <li>o Noticeable items:</li> <li>o Allow adding to the line piping data</li> <li>o Resolve some outstanding internationalization and localization issues</li> <li>o Allow selecting flow conditions (@flow, @standard, @normal) for instrument and DCS ranges</li> <li>o Enable merging entities from the project to As Build in non-exclusive mode</li> <li>o Improve access rights mechanism</li> <li>o Noticeable items:</li> <li>o Enhanced integration with SPF (SmartPlant Enterprise) including additional documents to be shared/published to SPF.</li> <li>o Develop engineering design reuse mechanism to complement Merger utility</li> <li>o Improvements to the interface with SPEL</li> <li>o Improve database security and control</li> <li>o Discontinue some obsolete functionality</li> </ul> </li> <li>- INtools v.6 and SPI v.7 Status</li> </ul>	
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4	Intergraph Presentation (Continued)	<ul style="list-style-type: none"> <li>○ Service packs release <ul style="list-style-type: none"> <li>▪ V.7 SP8 released in March 6</li> <li>▪ V.7 SP9 planned for late Q3/early Q4 (preliminary)</li> <li>▪ V.6 SP10 released on March 23. This is a compilation of the hot-fixed TR's and few additional items and is the last planned service pack for v.6</li> </ul> </li> <li>- SPI v.7 Service pack details <ul style="list-style-type: none"> <li>○ Included in the Service pack are <ul style="list-style-type: none"> <li>▪ CR-69069 - SPI to prompt warning when user attempt to connect wrong cables</li> <li>▪ CR-82325 – Update unit number of the CS Tag during the Merge</li> <li>▪ CR-74576,76964,73288 –Improvements to the Calibration module</li> <li>▪ CR-81718 – Ability to select publishing PDF or native format files for SPF when working in the integrated environment</li> <li>▪ 171 TR's, mostly reported by customers.</li> </ul> </li> </ul> </li> <li>- SmartPlant Explorer 2007 (v.5) <ul style="list-style-type: none"> <li>○ Current Status <ul style="list-style-type: none"> <li>▪ Development transitioned to IISDC development center</li> <li>▪ Planned release to coincide with 2007.3 SPEnterprise release early October</li> </ul> </li> <li>○ Major enhancements <ul style="list-style-type: none"> <li>▪ Support of navigating SPEL data (but not drawings yet)</li> <li>▪ Ability to use SPPID display sets</li> <li>▪ Improved stability and ease of installation and troubleshooting</li> </ul> </li> </ul> </li> <li>- Thank you for being dedicated and supportive users of SmartPlant Instrumentation (INtools).</li> </ul>	
5	Demonstration	<ul style="list-style-type: none"> <li>- Robert Cox, Overload Services Inc. <ul style="list-style-type: none"> <li>○ Robert demonstrated Overload Services new Level Transmitter Datasheet with built in calculations. <ul style="list-style-type: none"> <li>▪ Standard level transmitter spec on first page.</li> <li>▪ Second page contains dynamic illustrations of level transmitter configurations that have built in calculations.</li> <li>▪ Process and Calculation data shows on both pages and in the process module.</li> <li>▪ Illustrations change to match the type of level transmitter and vessel combination.</li> </ul> </li> </ul> </li> </ul>	

6	Presentation on Configuration management software from PAS	<ul style="list-style-type: none"> <li>- Joe Elliott, PAS           <ul style="list-style-type: none"> <li>o PAS demonstrated their Integrity – Enterprise Configuration Management solution               <ul style="list-style-type: none"> <li>▪ Showed Functionality across several DCS manufactures and Systems</li> <li>▪ Pointed out ability of software to interrogate current configuration and report back bad data links and unused functionality.</li> <li>▪ Explained how software will document different systems and report all systems with common format.</li> <li>▪ Demonstrated the SPI interface and how the software could join the field wiring hardware and the configuration software elements and create a combined loop diagram</li> </ul> </li> </ul> </li> </ul>	
7	Forum Topics	<ul style="list-style-type: none"> <li>- Fluor’s problem creating PAU on some projects after the project was initialized from a MS-SQL database to Oracle.           <ul style="list-style-type: none"> <li>o Ron Jackson, Fluor</li> </ul> </li> <li>- Discussion on how Intergraph could identify Change Requests that need to be ranked by the user community.           <ul style="list-style-type: none"> <li>o All members</li> </ul> </li> <li>- Concerns about Intergraph’s Technical support and how it be improved.           <ul style="list-style-type: none"> <li>o All members</li> </ul> </li> </ul>	
8	Close	<ul style="list-style-type: none"> <li>- Review of meeting</li> <li>- Review of action items</li> <li>- Next meeting to be August 21 at DOW</li> <li>- John Dressel closed meeting</li> </ul>	