Oil & Gas

CO-CHAIRS
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MEMBERS
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INCOSE CONNECT ADDRESS

INCOSE WEB PAGE
https://www.incose.org/incose-member-resources/working-groups/Application/oil-and-gas
Charter Summary

WG PURPOSE/MISSION
To advance Systems Engineering into the Oil and Gas sector in order to enhance the sector’s ability to adapt to rapidly changing environments.

WG GOAL(S)
Create guidelines and best practices for applying Systems Engineering in the Oil and Gas sector.

WG SCOPE
The entire Oil and Gas supply chain, from owner operators through to EPCs, service providers, equipment suppliers and standards bodies.
IW Outcomes

Welcomed new attendees
Held a combined working session that covered working group overview, current subgroup status (SE Value, Requirements, Standards, SE Competencies) and all 2018 achievements
Presentation and engagement from ASTM regarding industry standards and systems engineering integration
Open floor and thinking session to discuss 2019 focus, objectives, challenges

- Proposal for new subgroup (Tools Trade Studies)
- Requirement Quality Tools
- Standard data format for requirement transference
- Suggestions for future topics in the O&G SE Competencies and Value of SE subgroups

Shared vision about O&G WG participation within EMEA region
Developed content for O&G WG SharePoint site
Connected with other Working Groups
PLANNED ACTIVITIES

- Develop Case for Change to incorporate into SE Value Tool
- Continue pilot for requirements coaching tools
- Continue work with API to convert standards from prose to requirements
- Advance transformation of standards from prose to requirements with more Standards Bodies (IOGP, ASTM, DNV)
- Review justification for SE Competencies frameworks for O&G Industry
- Establish new ReqIF Subgroup
- Develop method to learn, compare and evaluate tools (Requirements Grading Tools and Requirements Database Tools) in partnership with Standards Development Tools and others
- Outreach with established O&G industry organizations (SPE, IADC, API, IOPG, etc.)
- Produce Systems Engineering session at the Offshore Technology Conference
- Co-host SE Conference with Aerospace INCOSE TGCC
- Strengthen O&G WG participation in EMEA Region

PLANNED WORK PRODUCTS

- Support Systems Engineering Session at the Offshore Technology Conference by presenting ten SE papers
- Updated SE Value Tool
- Tool evaluation white paper