

# International Association of Drilling Contractors



IADC ART BOP Controls Subcommittee  
20 October 2016  
IADC  
10370 Richmond Ave. Suite 760  
Houston, TX 77042

## Minutes

1. Review IADC anti-trust policy and guidelines.
2. Review the content from the last BCS meeting prior to the ART conference in Galveston.
3. Discuss the two BCS workgroups that need to be formed to complete the work packages agreed upon during the April meeting:
  - a. Shuttle Valve/SPM Valve Qualification Workgroup
  - b. HMI Nomenclature Workgroup
4. Discuss the scope of work for both workgroups:
  - a. Shuttle Valve/SPM Valve Qualification Workgroup
    - i. Create IADC guideline document for standardized qualification testing of SPM valves and shuttle valves
    - ii. Guideline needs to be created to be generic enough to be applicable to any manufacturer
    - iii. Guideline shall consider valve(s) as a component of a larger system and ensure that testing/qualification ensures that the effects and performance of the valve(s) are tested in a manner reflective of the system environment (i.e. water hammer, flow rates)
    - iv. Guideline shall consider potential for qualification to include procedures for assembly and operation as these items contribute to failures in the field
    - v. Guideline shall consider potential for multi-component testing with assembly taking place with field personnel in order to verify the procedural qualification of the valve(s)
  - b. HMI Nomenclature Workgroup
    - i. Create IADC guideline document for standardizes nomenclature of components involved in BOP control systems to allow for clear integration between multiple systems (i.e. BOP Controls, MPD systems, DP systems, Acoustic systems)
    - ii. Potential for similar work identified to be applicable to ART Drilling Control System sub-committee. Will co-ordinate to determine if a larger nomenclature document is viable between the two sub-committees.

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- iii. Intent is to limit to definition of nomenclature guideline. This will not be a design guidance document.
5. Discussed potential interest level in participation between the companies that were represented at the meeting:
  - a. SV/SPM Workgroup
    - i. Parker
    - ii. BP
    - iii. SparkCognition
    - iv. IPT
    - v. Lloyds
    - vi. Noble Drilling
    - vii. NWTS
  - b. HMI Workgroup
    - i. NWTS
    - ii. BP
    - iii. Lloyds
    - iv. Rockwell
6. Discussed need for participation by major OEM representatives to ensure that documents are created with knowledge base of testing/naming conventions that are utilized by the major OEMs.
7. Schedule going forward will include workgroup sessions immediately preceding a BCS meeting with potential for bi-weekly WEBEX/Conference Call in between workgroup meeting.
8. Will host a WEBEX/Conference Call the 1<sup>st</sup> week of December in order to provide some guidance for what to come prepared with for the 1<sup>st</sup> workgroup meetings at BCS meeting in December.
9. December meeting will kickoff workgroups and designate workgroup leaders that will be the driving member that will piece together the document for review and comment for the larger group.
10. Any additional personnel that are interested in participation in either workgroup can register for the December meeting and attend, these will be open participation workgroups to allow participation by any and all interested parties.
11. Meeting Adjourned.

Attendance:

Name		Company Name
Kunal	Ashar	BP
Mike	Killalea	IADC
James	Penny	IPT GLOBAL

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Richard	Parlman	<b>LLOYD'S REGISTER DRILLING INTEGRITY SERVICES</b>
Robin	Macmillan	<b>NATIONAL OILWELL VARCO</b>
Roy	Mills	<b>NOBLE DRILLING</b>
Scott	Weaver	<b>NOBLE DRILLING</b>
Steven	Ronan	<b>NORTHWEST TECHNICAL SOLUTIONS</b>
Karl	Hay	<b>PARKER HANNIFIN</b>
Mitch	Eichler	<b>PARKER HANNIFIN HVD</b>
Philippe	Herve	<b>SPARKCOGNITION</b>
Terry	Loftis	<b>TRANSOCEAN</b>