

International Association of Drilling Contractors



**ART Drilling Control Systems
CybSec Workgroup Meeting
30 July 2015
IADC
10370 Richmond Ave., Suite 760
Houston, TX 77042**

Attendance

Name		Company Name
Husein	Allgayer	GE Oil and Gas
Marco	Ayala	aeSolutions
Carman	Babin	Cameron
Catherine	Cavazos	NATIONAL OILWELL VARCO
John	Cusimano	aeSolutions
Patric	Dove	Siemens
Erlend	Engum	NATIONAL OILWELL VARCO
Christopher	Goetz	Kingston Systems
Silvia	Gonzalez	GE Oil & Gas
Siv Hilde	Houmb	Secure-NOK
Mike	Killalea	IADC
Mike	Lyssy	AE Solutions
Trent	Martin	Transocean
Shane	McClougherty	Transocean
Nathan	Moralez	BP
Richard	Parlman	Lloyd's Register Energy- Drilling
Matthew	Romero	ABS
Steven	Ronan	Northwest Technical Solutions
Nahum A	Ronquillo	NATIONAL OILWELL VARCO
Greg	Villano	Diamond Drilling

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Agenda for the meeting:

1. Welcome and Introductions
2. Review of Antitrust Guidelines and Facility Orientation
3. Review of minutes from last meeting
4. Preparation for joint meeting with ISA99 WG4 August 6, which will be a facilitated brainstorming applying ISA/IEC 62443-3-2 on a drilling asset.
5. Action Point List
6. Next meeting schedule and AOB

Minutes:

1. Welcome and short introduction of the participants – “round around table”.
2. Meeting delegates was reminded of the IADC antitrust guidelines.
3. Minutes from the group meetings are posted on: <http://www.iadc.org/advanced-rig-technology-committee/meeting-minutes/>. No comments received on the minutes from the WG meeting June 25, 2015.
4. Preparation for the JM with ISA 99 WG 4 Aug 6. The JM will be a kick-off for the example risk assessment applying ISA 62443-3-2 to a drilling asset. The focus was on identifying the system under consideration (SuC), which was decided to be a futuristic generic drilling asset. The risk assessment will focus on the Drilling Control System (scope of the assessment) and include a set of connections to other systems on the rig, including remote connections and third parties. The SuC will be further refined at the JM.
5. AP discussion.
New deadlines for the APs listed the below table.
6. The next WG meeting is scheduled for Aug 06, 2015, @9:00am-12:00pm.

Action Points:

AP no.	Description	Responsible	Deadline
01	Guidelines for Risk Management and Assessment Methods to use for assessing Drilling Assets.	Siv Hilde Houmb (lead), Matthew Romero, Patric Dove, Nathan Moralez, Kent	Document sent out for review. Review deadline: Sept 4, 2015.

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02	Top 10 threats for DCS.	Marco Ayala (lead), Nathan Moralez, Matthew Romero, Carman Babin, Mason Smith	Sept 4, 2015.
03	Risk assessment of example drilling asset using ISA/IEC 62443-3-2.	John Cusimano (lead), Marco Ayala, Patric Dove, Nathan Moralez, Greg Villano, Siv Hilde Houmb and all	Kick-off July 30 and facilitated brainstorming session together with ISA99 WG4 August 6.
04	Network Segmentation standards and best practices relevant for DCS.	Patric Dove (lead), Marco Ayala, Siv Hilde Houmb	Sept 4, 2015.
05	Check with the ICS CERT regarding what they have of threat lists of interest to the WG.	Greg Villano	Closed.
06	Check with the FBI regarding what they have of threat lists of interest to the WG.	Siv Houmb	Closed.