

International Association of Drilling Contractors



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

Attendance

Name		Company Name
Husein	Allgayer	GE Oil and Gas
Marco	Ayala	AE Solutions
Carmen	Babin	Cameron
Erlend	Engum	NATIONAL OILWELL VARCO
Silvia	Gonzalez	GE Oil and Gas
Siv Hilde	Houmb	Secure-NOK
Paul	Hunkar	DS Interoperability
Nathan	Moralez	BP
Harshal	Patil	ABS
Richard	Parliman	Lloyd's Register Energy-Drilling
Matthew	Romero	ABS
Nahum A	Ronquillo	NATIONAL OILWELL VARCO
Steven	Ronan	Northwest Technical Solutions
Gregory	Villano	Diamond Offshore Drilling

Agenda for the meeting:

1. Welcome and Introductions
2. Review of Antitrust Guidelines and Facility Orientation
3. Review of minutes from last meeting

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4. Risk management and assessment recommendation document - review
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 group meeting March 19, 2015.
4. The risk management and assessment guideline document has been updated according to the discussions at the group meeting March 19. The task group (see AP01) will consider the additional input from this meeting and distribute the complete draft to the WG prior to the next meeting April 30.

The ISA/IEC 62443-3-2 standard, which the guideline is referring to, is near completion and will be sent out for ballot shortly. The WG decided to run through an example following ISA/IEC 62443-3-2 (see AP03) before publishing the guideline. This for people to familiarize themselves with the standard before publishing the guideline.
5. AP discussion.
AP02 – Top 10 threats for DCS: There exist multiple information sources for threats on control systems, both governmental such as from ICS CERT and DHS, and non-governmental. Greg will check with the ICS CERT regarding what they have of threat lists of interest to the WG and Siv will check with the FBI whether they have any suggestions on additional governmental information sources.
6. The next WG meeting is scheduled for April 30, 2015, @10:30am-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 Hulick,	Q2 2015
02	Top 10 threats for DCS	Marco Ayala (lead), Nathan Moralez	TBD

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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	TBD
04	Network Segmentation standards and best practices relevant for DCS	Patric Dove (lead), Marco Ayala, Siv Hilde Houmb	TBD
05	Check with the ICS CERT regarding what they have of threat lists of interest to the WG	Greg Villano	April 30, 2015
06	Check with the FBI regarding what they have of threat lists of interest to the WG	Siv Houmb	April 30, 2015
07			