

# International Association of Drilling Contractors



**Advanced Rig Technology  
Cybersecurity Subcommittee  
13 July 2017  
IADC  
10370 Richmond Ave., Suite 760  
Houston, TX 77042**

## Attendance

Name		Company Name
Pradeep	Annaiyappa	NABORS
David	Bowen	GE OIL & GAS
Brandon	Carlton	HFW
Erlend	Engum	SECURE-NOK
Anthony	Gleason	PARKER DRILLING
Christopher	Goetz	KINGSTON SYSTEMS
Siv Hilde	Houmb	SECURE-NOK
Wesley	Knight	DIAMOND OFFSHORE
Glenn	Legge	HFW
Michael	Lewis	Chevron
Melissa	Mejias	IADC
Isaac	Misoi	PARKER DRILLING
Steven	Ronan	OTC SOLUTIONS
Nathan	Singleton	HELMERICH & PAYNE INTERNATIONAL
Baligh	Shaikh	PACIFIC DRILLING
Alan	Spackman	IADC
Nebojsa	Stanivuk	KINGSTON SYSTEMS
Jena	Sublett	PARKER DRILLING
Kevin	Tollefson	HELMERICH & PAYNE INTERNATIONAL
Nina	Tvedt	SECURE-NOK

# International Association of Drilling Contractors

## Agenda for the meeting:

1. Welcome and Introductions
2. Review of Antitrust Guidelines and Facility Orientation
3. Review of Minutes from Last Meeting
4. Update on Legislative and Standardization Activities
5. Review of Guidelines for Minimum Cybersecurity Requirements for Drilling Assets
6. AOB and close of meeting

## 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 subcommittee meetings are posted at: <http://www.iadc.org/advanced-rig-technology-committee/meeting-minutes/>. There were no comments to the minutes from the May IADC ART Cybersecurity Subcommittee meeting.
4. Update on Legislative and Standardization Activities from Melissa Mejias

For details, see annex to the minutes.

The following action points came from the discussion:

- Send out agreed API-IADC joint document with meeting minutes - Done
- Provide an update on what the USCG has done with the work completed by the NOSAC – In Progress
- ONG-ISAC
  - Ask ONG-ISAC to attend the next meeting to speak on Petya - Done
  - Provide examples of alerts at each level – discuss content and format – Will be done at the next subcommittee meeting
- Add Infragard updates to the cyber overview – included in the updated annex

5. Review of Guidelines for minimum cybersecurity requirements for drilling assets

The meeting delegates provided their input to the current draft of the guidelines (version 0.8). The guidelines have been updated to reflect the meeting input and are distributed together with the minutes. The guidelines will be sent for review to the IADC members with a review period of 14 days.

7. AOB and close of meeting. The subcommittee meetings are announced on the IADC website. Please remember to register. The meeting calendar for the IADC ART Cybersecurity subcommittee for 2017 are the following:

- September 14, 2017 @9am

# International Association of Drilling Contractors

- November 16, 2017 @9am

Updated and tentative schedule of deliverables for the IADC ART Cybersecurity Subcommittee:

- September 2017 – Guidelines for Minimum Cybersecurity Requirements for Drilling Assets.
- December 2017 - Guidelines for Network Segmentation.
- March 2018 – Cybersecurity Training v1.0.
- July 2018 – Guidelines for Hardening of Control Systems.
- July 2018 – Guidelines on Security Monitoring and Audit.

There were no other business and meeting adjourned.

The annexes to the minutes are:

Annex 1: [Legislative and Standardization Activities](#)

Annex 2: [API-IADC Joint Paper](#)

Annex 3: [Guidelines for minimum cybersecurity requirements for drilling assets](#)