IADC Advanced Rig Technology Committee

MISSION

To improve safety and efficiency through sound operating procedures, design of automated systems and standardizing automation.

CHAIR:
Terry Loftis, Transocean

VICE CHAIR:
Robin Macmillan, NOV

SUBCOMMITTEES

BOP Controls
CHAIR: Scott Weaver, Noble Drilling Services

Drilling Control Systems
CHAIR: Trenton Martin, Transocean
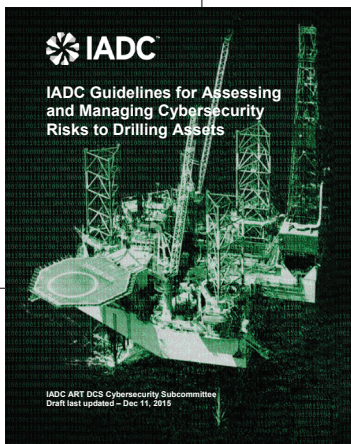
Cybersecurity
CHAIR: Siv Hilde Houmb, Secure-NOK

Future Technology
CHAIR: Harris Reynolds, Diamond Offshore

IADC

Control System Alarm Management Standards and Use Recommendations for the Drilling Industry

IADC ART Committee Spring 2016

IADC

IADC Guidelines for Assessing and Managing Cybersecurity Risks to Drilling Assets

IADC ART DCS Cybersecurity Subcommittee
Draft last updated – Dec 11, 2015

		IMPACT			
		Very Low	**Low**	**Medium**	**High**	**Very High**

	Very High	Yellow	Yellow	Red	Red	Red
LIKELIHOOD	**High**	Green	Yellow	Yellow	Red	Red
	Medium	Green	Yellow	Yellow	Red	Red
	Low	Green	Green	Yellow	Yellow	Red
	Very Low	Green	Green	Green	Green	Yellow

Example of Risk Matrix from Cybersecurity Guidelines

GET INVOLVED:

- www.iadc.org/advanced-rig-technology-committee
- art_committee@iadc.org

UPCOMING KEY MEETING DATES	
16 June 2016	ART BOP Controls Subcommittee Meeting
7 July 2016	ART Cybersecurity Subcommittee Meeting
21 July 2016	ART DCS Subcommittee Meeting
4 August 2016	ART Future Technology Subcommittee Meeting
10 August 2016	General Committee Meeting

2016 WORK PROGRAMS UNDER CONSIDERATION include "flat time" (NPT) reduction, equipment reliability, developing a common language for drilling machine communication, remote real-time monitoring (RTM), and devising an effective means of running risers in turbulent waters.

13-14 SEPTEMBER 2016 • MOODY GARDENS HOTEL • GALVESTON, TEXAS

IADC **Advanced RIG TECHNOLOGY**
CONFERENCE & EXHIBITION

"EXPLORING ADVANCED TECHNICAL SOLUTIONS FOR ONSHORE AND OFFSHORE DRILLING"