

## **Minutes DSATS Meeting, July 14, 2011, Teleconference, 8:30 to 9:30 am**

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### *Upcoming Events*

1. *SPE/IADC Asia Pacific: September 20 to 22, 2011, Jakarta*
  - a. [www.spe.org/events/apogce/2011/](http://www.spe.org/events/apogce/2011/)
  - b. Fred Florence will present IADC and DSATS joint efforts
2. *IADC Advanced Rig Conference and Exhibition, September 20, Houston*
  - a. [http://www.iadc.org/conferences/ART\\_2011/](http://www.iadc.org/conferences/ART_2011/)
3. *IEEE/DSATS September 29 to 30, 2011, Denver*
  - a. [www.msc2011.org](http://www.msc2011.org)
  - b. Geoff Downtown on vacation. Update next month.
4. *ATCE 2011, October 30 to November 2, 2011, Denver*
  - a. [www.spe.org/atce/2011/](http://www.spe.org/atce/2011/)
  - b. John de Wardt to provide an update (see below under 7)
5. *SPE/IADC Drilling Conference March 6 to 8, 2012, San Diego*
  - a. <http://www.spe.org/events/dc/2012/>
  - b. DSATS should host its annual meeting on Monday 5th to include election of officers. John de Wardt to provide an update (see below under 7)
  - c. Need to solicit papers. Abstracts due 18 July, so hurry.
6. *IFAC Workshop, May 31 to June 1, 2012, Trondheim*
  - a. [www.ifac-oilfield.no](http://www.ifac-oilfield.no)
  - b. Fionn Iversen to provide an update at next DSATS meeting
7. *IEEE I2MTC conference, May 13 to 16, 2012, Graz, Austria*
  - a. [www.imtc.ieee-ims.org/](http://www.imtc.ieee-ims.org/)
  - b. Fionn Iversen to provide an update at next DSATS meeting
8. *DSATS sponsored SPE Advanced Technology Workshop*
  - a. Proposed for 2012
  - b. John de Wardt to provide an update (see below under 7)

### *Agenda*

#### **1. Website Strategy (Josh Haberer)**

First draft of the website is available; lots of feedback received. John de Wardt and Josh recommend forming a workgroup to work through the feedback, specify content – *contact Josh if you can help*. Site is close to launch, just needs more content. Fred will specify external groups that might review site (e.g., IADC, control companies).

#### **2. Communications Team Update (Clint Chapman)**

Update on demo for Denver, October 30; tests to be held July 27. Questions on what we will do with demo at the meeting. John DeW inquired if he could add a slot for the demo during the panel sessions – affirmative – can also use it as a lead-in to workshop next year (demo of OPC UA). Shasta asked about needed AV equip; Clint to respond.

Good start on definition of interfaces for phase 3 (how much needs to be custom or can be OPC UA).

**3. IADC and DSATS Standards Workgroup (Fred Florence)**

IADC set up workgroup – first list main tasks in drilling a well, and then indicate which tasks can/cannot be automated – IADC looking at functional specifications for automation and DSATS giving technical help – will be presented at IADC meeting in September in Jakarta.

**4. University Competition Update (Fred Florence)**

Draft document available—feedback needed, particularly on how to grade performance. Contest pushed to Fall 2012.

**5. Risk & Reliability (John De Wardt)**

Nothing to report – still an ongoing process

**6. Work Group / Committee in Europe (Fionn Iversen)**

Working on conferences in 2012: Graz and Trondheim (see items 5 & 6 in the upcoming events list). Has drafted a constitution for the European group, which needs to be revised then sent through the board of Directors – no objections raised – so will be shuttled off to the board by Fred.

**7. Other Business (Events)**

- **Denver ATCE 2011 (John de Wardt):** has located a speaker who can talk on completions automation. Looking for panelists – wine tasting still to be sorted out.
- **SPE/IADC Drilling Conference, San Diego 2012 (John de Wardt):** format to be 4 speakers for DSAT annual meeting, preferably non-oilfield in automation. Two possible located to date. Clint to try to locate someone from Unmanned Aerial Vehicles to speak.
- **DSATS sponsored SPE Advanced Technology Workshop (John de Wardt):** workshop approved – location out of Denver – attract external expertise (non-oilfield) – package pricing (3 days before and after) for families – June, July or September – currently building committee. Brochure for ATCE with title “Drilling Systems Automation – The Big Jump Forward.”
- **New:** Although not a DSATS organized event, but there is also a conference scheduled in Houston for 20 Sept 2011 with a number of automation topics [http://www.iadc.org/conferences/ART\\_2011/](http://www.iadc.org/conferences/ART_2011/)

**8. Other Business**

- **WITSML:** Clint Chapman raised the question on how we are addressing automation standards (WITSML). Rig contractors are describing standard equipment for the WITSML 2 steering committee. Communications schema needs definition – for example, using OPC UA schema. Within IADC very few can comment, and WITSML is lacking technical direction. Needs to be discussed more fully.
- **IADC World Drilling Congress, June 15-16, 2011, Copenhagen**  
A copy of Terry Loftis' presentation is available on the [DSATS website](#).

*Meeting Adjourned 9:25am*