

## **DRAFT Agenda ROWG-2017**

**14-15 March 2017**

**Texas A&M University – Galveston**

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### **TUESDAY 14 MARCH 2017**

**0800-0830 Coffee/tea, snacks; networking**

**0830-0840 Introduction to ROWG, Logistics** (Harlan & TAMU Rep)

#### **0840-0910 Attendee Introductions**

We will be doing introductions a little differently this year. Rather than just a few seconds from every attendee that gives their name/affiliation, we will ask one representative from each network to describe their network (e.g. number of radars, type(s) of radars, age of their network, applications, and institutions involved and specific unique features of their network). Additionally, the representative may show one or two slides. **So, please come prepared!**

We'll devote 30 minutes to this introduction process. There will be about 20 separate networks represented at this year's meeting so that will give each network up to 1.5 minutes. Some networks will require much less than 1.5 minutes but others may need a little more. In any case, at 2 minutes, we'll have to go to the next person.

#### **0915-1130 Oral Presentations (25 minutes; 5 minutes Q&A)**

0915 – 0945 Overview of the Texas High Frequency Radar Network (Kerri Whilden, TAMU)

0945 – 1015 Radial Velocity Quality Control (Brian Emery, Univ. California Santa Barbara)

#### **1015-1030 Coffee Break**

1030 – 1100 HF radar activity in Europe (Lorenzo Corgnati, ISMAR, Italy)

1100 – 1130 Realtime QC of radar data (Hugh Roarty, Rutgers Univ, MARACOOS)

1130 – 1140 Do-it-yourself hard case for APM antenna whips (Kevin Barlett, Ocean Networks Canada)

#### **1140 – 1300 Poster Session (will extend through the Lunch Break)**

Posters can be on display throughout the meeting.

#### **1300 – 1630 Discussion Topics**

Each discussion topic will be led by a volunteer who may present additional information. The discussions will allow for anyone to show slides pertaining to the topic.

1300-1400 Diagnostics and Downtime Reporting Tools (Joe Chen, Lisa Hazard/Tom Cook, Scripps)

1400-1415 QARTOD & Range Series File Archiving Updates (Roarty, Harlan)

**1415-1430 Coffee Break**

1430 – 1530 How to handle big data sets (practical aspects) (Cook, Updyke)

What's on GitHub for HF Radar? (Teresa Updyke)

ROWG HF Radar Wiki on Best Practices

1530- 1630 The state of radial metrics (Emery, Cook, Kirincich)

1630- 1700 Logistics for the Wednesday Morning Radar Site Visit

Planning for Wednesday afternoon Topics

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**WEDNESDAY 15 March 2017**

**TAMU Radar Site Visit:** In addition to seeing this new site, we will also be using a quadcopter to do an antenna pattern measurement using the UCSB-provided transmit signal source. Don't miss it!

**0830 Meet at Wal-Mart Parking lot, Northeast corner, at 6702 Seawall Blvd, Galveston**

**NOTE:** If you are planning to do the radar site visit, be sure to bring some sturdy shoes or boots. Also, you will want to wear long pants because of tall vegetation and insects. Insect repellent will be available or bring your own.

0845 – 1130 Travel to Site, Radar Site visit, Travel back to TAMU-G for Lunch

**1130-1300 Lunch Break**

**Poster Session Revisit**

**1330-1630 Discussions**

Hot Topics in Hardware: Antennas, Electronics, Infrastructure

Hot Topics in Applications: Search & Rescue, Spill Response, Harmful Algal Blooms

**1500-1515 Coffee Break**

**1515-1630 Discussions & Demos**

APMS via UAV (Romero)

Wave Software Setup for CODAR (Whelan, Parikh, Rector)

Wave Software Setup for WERA and/or LERA (TBD)

**1630 Meeting Wrap-up**