



UNOLS Update

Doug Russell
MSROC Annual Meeting
San Francisco, CA

8 Dec 2019



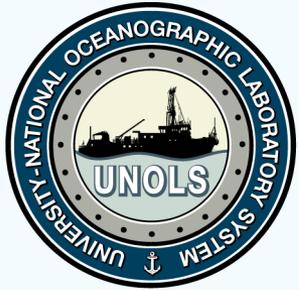
UNOLS Update

- New UW office stood up 1 May
 - **Committee Responsibilities:**
 - Doug – AICC, Scheduling, RVOC, MSROC
 - Alice – RVTEC, FIC, DeSSC, SCOAR
- Since start-up: held DeSSC, Scheduling, AICC, SCOAR, FIC, Council & Annual meetings
- New Users Program yesterday



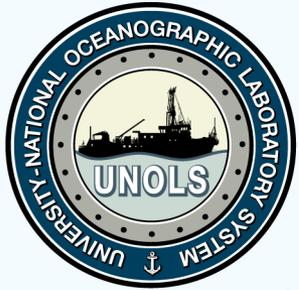
UNOLS Update Cont'd

- Issues we are focused on:
 - UNOLS Charter Update
 - MFP – the STRS replacement
 - Dredging Guidelines
 - Move Onboard / Off Policy
 - MERAS – Module II video release
 - RVSS Update
 - Evolving Role of Research Vessels – data analysis
 - Trusted C.I. – cyber security / cyber infrastructure



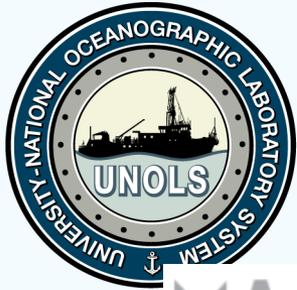
Looking ahead to 2020

- **2020**
 - 15-16 Jan - AICC Winter Meeting – USCG Base Seattle
 - Feb-Mar – 2021 Ship Scheduling Initial Meeting – location tbd
 - 3 Mar – Keel Laying R/V *Gilbert R. Mason* (RCRV #3) – Houma, LA
 - 28-30 Apr – RVOC Meeting – RSMAS Miami, FL
 - Spring – Council & FIC meetings – dates/locations tbd
 - 10 June – Chief Scientist Training Workshop – R/V *Endeavor*
 - Sept – SCOAR Annual Meeting
 - Oct – RVTEC Meeting
 - Dec – MSROC, DeSSC Annual Meetings, DeSSC New User Program



STRS & PCAR Replacement

- **Marine Facilities Planning (MFP)** – see <https://maas-se.nl/mfp/>
 - Developed for NIOZ & NERC, since implemented for GEOMAR, being implemented by CSIRO
 - Modular, Cloud Based system that supports in integrated fashion:
 - Scheduling
 - Cruise Planning
 - Route Planning
 - Post Cruise Assessment
 - Equipment management
 - Supply management
 - Crew resource management
 - And more!
 - Development & Implementation supported by NSF & ONR



MFP – see <https://maas-se.nl/mfp/>



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The Marine Facilities Planning system (MFP) is a NIOZ/NERC software development collaboration designed to integrate the different aspects of equipment management and ship programming, to streamline and integrate the process of delivering science cruises.

The MFP comprises a number of different modules designed to work as an integrated system or used as independent modules. The integrated system can be used as a complete system for voyage planning, equipment management, and cruise project delivery. Its modular design is able to be adjusted to each organisations specific requirements and scope of operation from large Global Class fleets to single regional vessels.

The MFP is available for use by other institutions and organisations internationally and we would be pleased to discuss your requirements and interest in accessing the system





RVSS Update

- RVSS is now 4 years old and due for a refresh
- Working with Safety Committee Chair Jeff Garrett on a rewrite/refresh plan
- Examples of some key areas that require attention:
 - **Chartering non-UNOLS Vessels / Chapter 18**
 - Draft of new guidance submitted for concurrence
 - **Aviation Operations / Chapter 19**
 - UAS Guidelines
 - No Helicopter capable ships
 - **Rope & Cable Standards / Appendix A**
 - Synthetic line?



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We want to hear what's new with you!



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