

Deep Submergence Science  
Steering Committee  
October 2007





## DESSC ACTION ITEMS 2007

- Respond to B. Moore request to host a workshop on the “Future Facility and Infrastructure Needs of NOAA/NURP”
- Formalize Reporting system for watchdog-Chief Sci interviews
- Provide comments on new control van design for Jason
- Solicit nominations for DESSC membership (microbiologist)
- OOI/DESSC liaison
- Workshop on needs of submersibles and robotic vehicles

# NDSF User Interview Process

ALVIN: Mike Tryon

JASON: Bill Chadwick

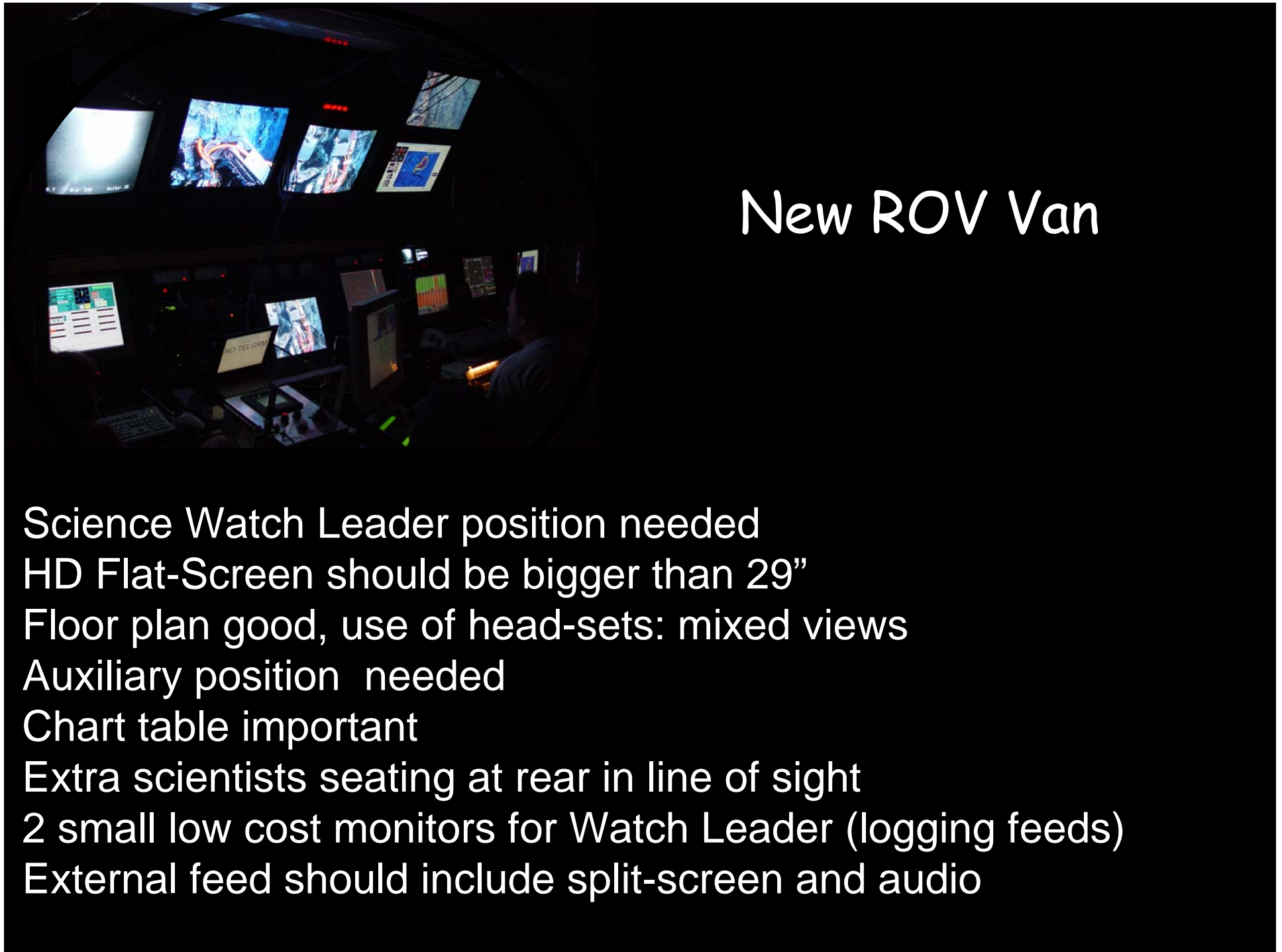
ABE: Heady Edmonds



- Debrief conversations are held with Chief-Scientists following cruises. Formalized interviews so chief-sci understands the process.

- Held confidential and archived at UNOLS office

- Generally summarized at DESSC meetings, discussed in more detail during closed session. Action items proposed from these; watchdog continuity helps insure tracking.



## New ROV Van

Science Watch Leader position needed

HD Flat-Screen should be bigger than 29"

Floor plan good, use of head-sets: mixed views

Auxiliary position needed

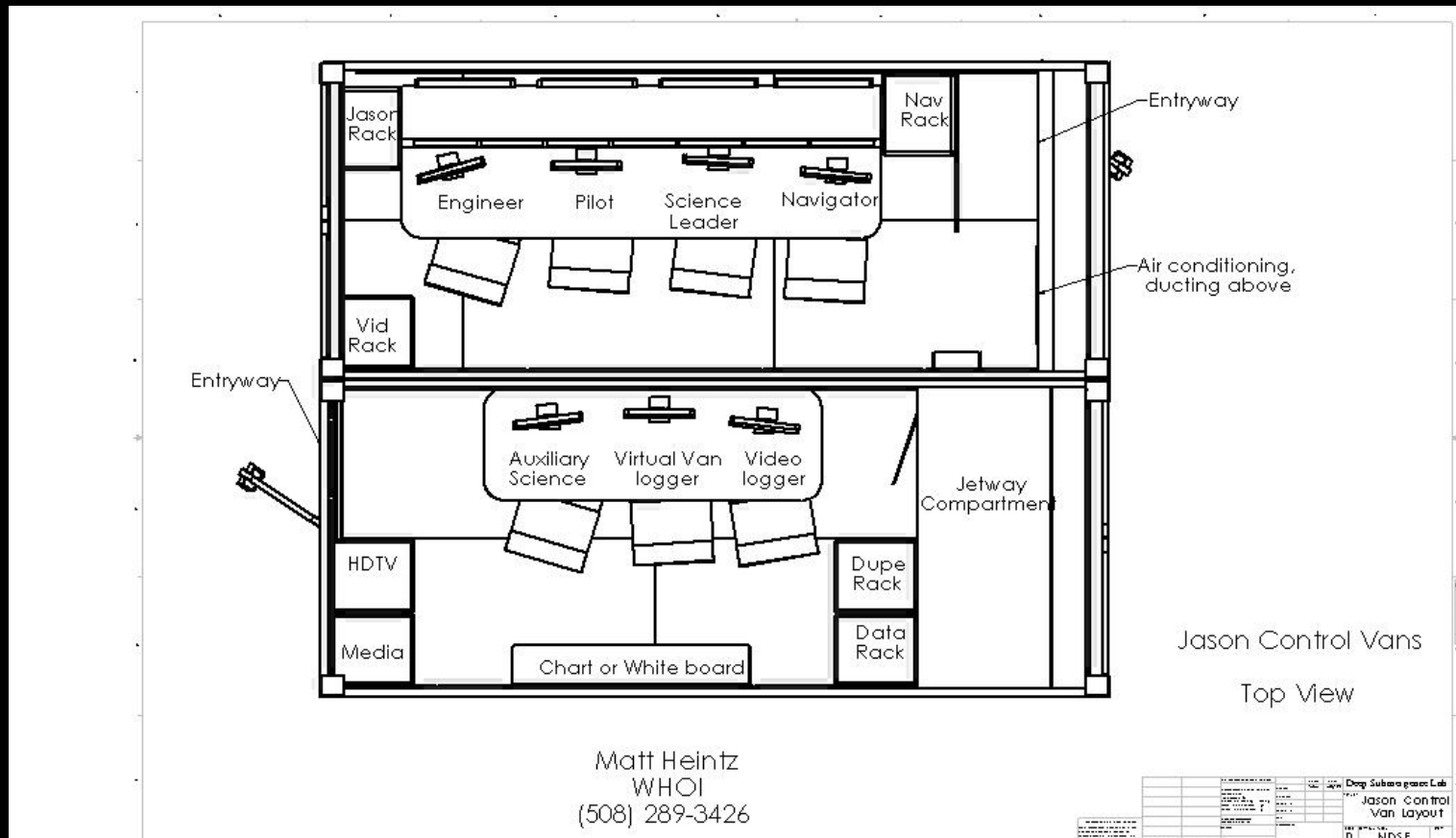
Chart table important

Extra scientists seating at rear in line of sight

2 small low cost monitors for Watch Leader (logging feeds)

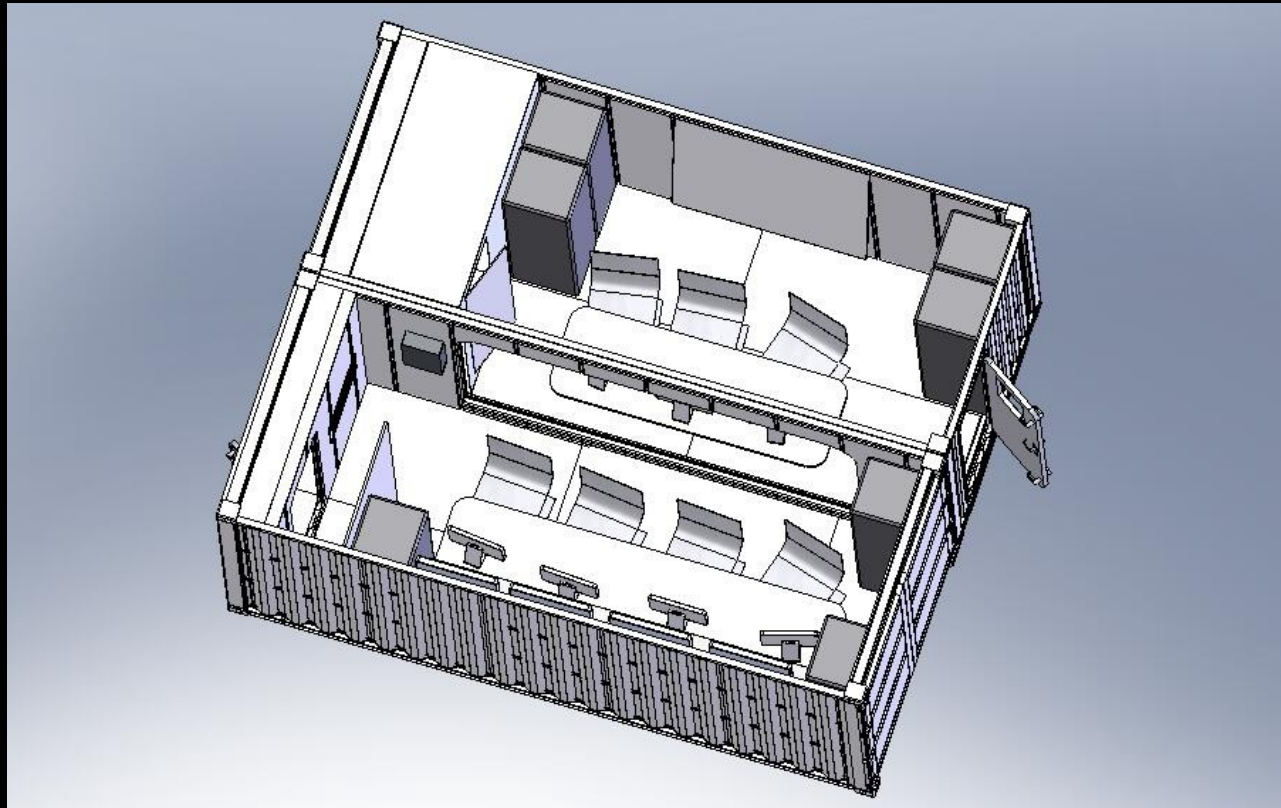
External feed should include split-screen and audio

## Revised Plan (1/4)



- Set watch-leader position back from Pilot etc
- Implement *wireless* headsets (optional: ChSci, Pilot, Loggers)

## Revised Plan #3



- Make 3rd Sci. pos. flat table-top w/cables for laptop
- If table folds can be *a) SciPos; b) Chart Table; c) Space*
- Fold-down chairs on back-wall (w/magnetic white board)
- Room for fold-down chart table in back corner?

# *Establishing Safety Standards for Human Occupied Vehicles (HOVs)*

*Document Status:* All Chapters have been drafted and are in review:

1. Introduction
2. Definitions
3. Procedures
4. HOV Operations
5. HOV Support Ship
6. HOV Handling Systems
7. Training of HOV Crew
8. HOV Science User Guidelines

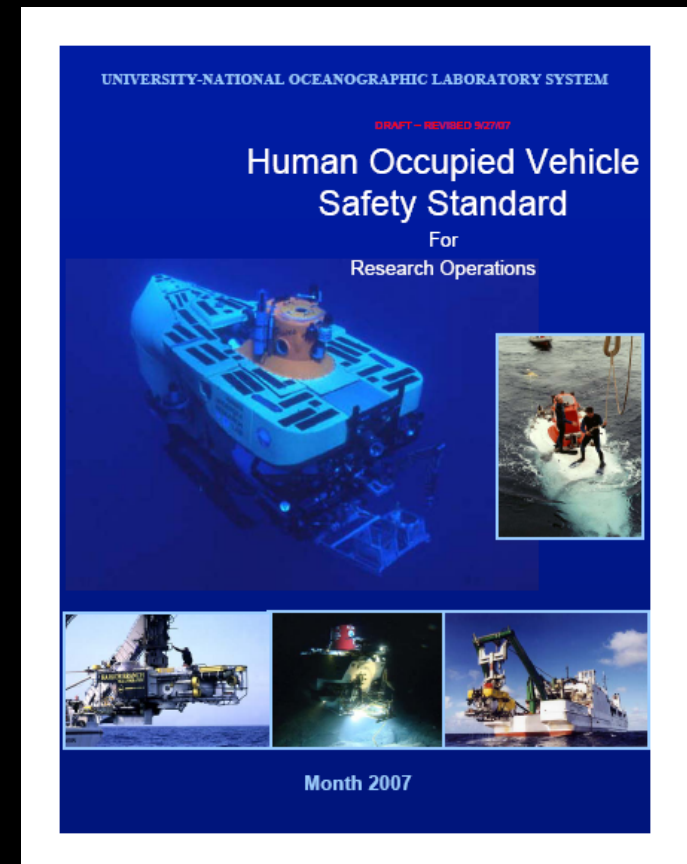
## **Committee Membership:**

Dana Wilkes (Chair), Tim Askew (HBOI), Colleen Cavanaugh (Harvard U.) , Pat Hickey (WHOI), Terry Kerby (HURL), Dan Schwartz (UW), Barrie Walden (WHOI), Craig Young (U. of OR)

## **Agency Representatives:**

Dolly Dieter (NSF), Holly Smith (NSF), Barbara Moore (NOAA)

**UNOLS Office:** Annette DeSilva







*Establishing Safety  
Standards for Human  
Occupied Vehicles*

