



Establishing Safety Standards for Human Occupied Vehicles

Subcommittee Report to the
DEep Submergence Science Committee

May 30, 2007



University-National Oceanographic Laboratory System

TASK STATEMENT

(As provided by NSF and NOAA – January 15, 2006)

- Establish Safety Standards for use of Human Occupied Vehicles that will address:
 - Certification of the vehicle
 - Certification of the ship
 - Certification of the handling system
 - Certification of the operation
- Develop standards for the training of vehicle and ships' crew

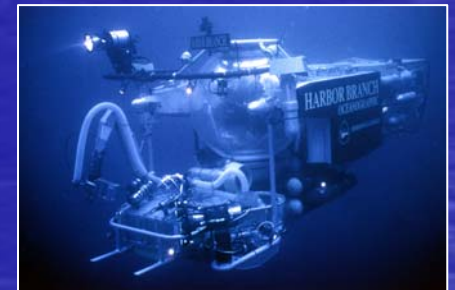


Committee Membership:

- Dana Wilkes (Chair) - NOAA Representative
- Tim Askew (HBOI) – HOV Operator, UNOLS Safety Committee
- Colleen Cavanaugh (Harvard U.) – Science HOV user
- Pat Hickey (WHOI) - HOV pilot
- Terry Kerby (HURL) – HOV Operator and Pilot
- Dan Schwartz (UW) - Marine Superintendent, former Ship Captain
- Barrie Walden (WHOI) – HOV Operator
- Craig Young (U. of OR) - Science HOV user, DESSC member

Agency Representatives:

- NSF- Dolly Dieter, Holly Smith
- NOAA – Barbara Moore



Meeting

Date

HOV Safety Standard Meeting - Tampa, FL

Jan 2006

Phone Meeting

May 2006

HOV Safety Committee Meeting - WHOI

May 2006

Phone Conference : Review Chapter 4

Aug 2006

Phone Conference: Review Chapter 5

Oct 2006

Phone Conference: Review Chapter 6

Dec 2006

Phone Conference: Review Chapter 8

Feb 2007

Phone Conference: Review Chapter 7

May 2007

Phone Conference: Review Chapters 1, 2, & 3

Jun 2007

Chapters

1. Introduction

2. Definitions

3. Procedures

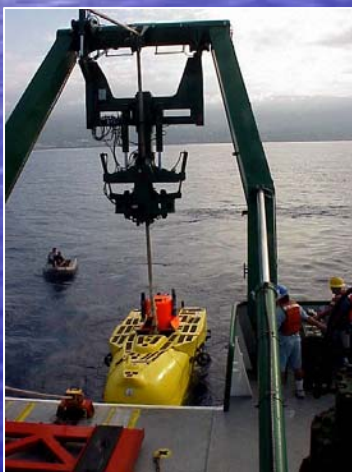
4. HOV Operations **DRAFT DONE**

5. HOV Support Ship **DRAFT DONE**

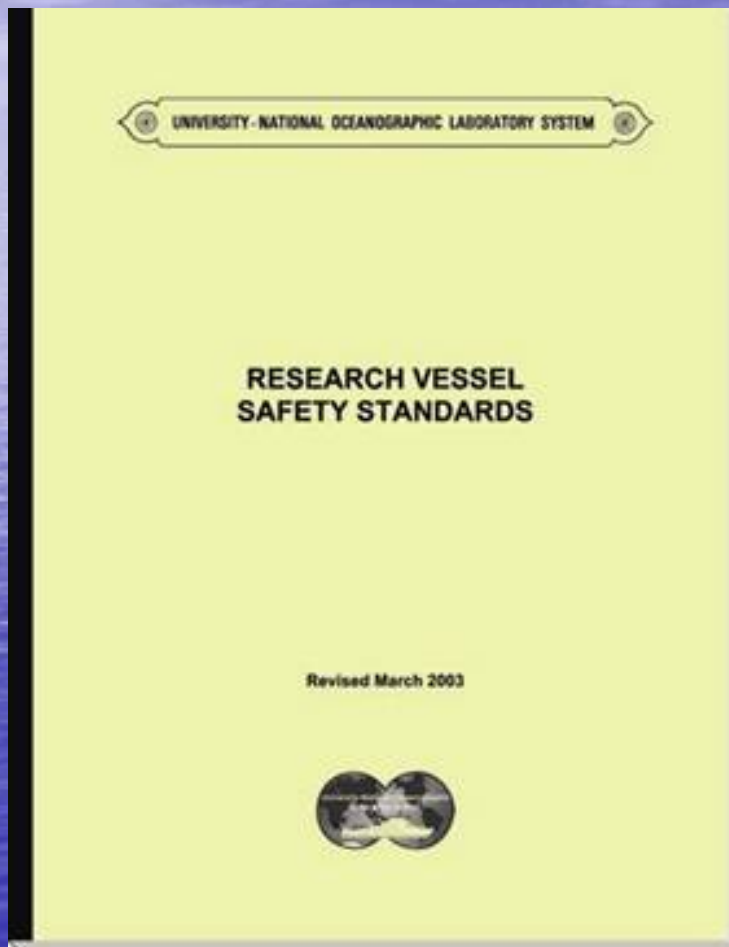
6. HOV Handling Systems **DRAFT DONE**

7. Training of HOV Crew **DRAFT DONE**

8. HOV Science User Guidelines **DRAFT DONE**



Research Vessel Safety Standards



A revision of the Research Vessel Safety Standards is currently underway.

Chapter 20 of the revision will be "Ship Operations with HOV's"