

Program for Manned Submersible Track Underwater Intervention 2005

Feb 14-16th, 2005 in New Orleans

PLANERY SESSION – Deep Submergence Program of MIR Submersibles

Overview of Worldwide Operations of the MIR Nuclear Research Submersibles

Anatoly Sagalevitch
PP Shirshov Institute of Oceanology
Moscow, Russia

SESSION A1 – Manned Submersibles: Past & Present (Monday Feb 14, 10:00-11:30PM)

NOAA Office of Ocean Exploration Use of Manned Submersibles in Past & Current Year

John McDonough / Justin Manley
NOAA Ocean Exploration Office
Silversprings, MD USA

Manned Submersible Activity 2004 – An Overview

William Kohnen
MTS Manned Underwater Vehicle Committee
Claremont, CA USA

SESSION A – Manned Submersibles: Past & Present (Monday Feb 14, 1:30-3:00PM)

Deep Ocean Simulation Lab Facilities for Submersible Hull Testing in California and Texas

William Kohnen
SEAmagine Hydrospace Corp.
Claremont, CA USA

Recent DSPA Activities and a Review of Submersible Accidents

Capt. Charles MacVean, USN Retired
Deep Submergence Pilot Association
San Diego, CA USA

CEN 14931 – A Process of development and content of the brand new European Standard regarding Hyperbaric Chambers

Harald Pauli
Germanischer Lloyd AG
Hamburg, Germany

SESSION B – National Deep Submergence Programs (Monday Feb 14, 3:30 – 5:00PM)

National Deep Submergence Facility Replacement for ALVIN

Robert Brown
Woods Hole Oceanographic Institution (MS #17)
Woods Hole, MA USA

Development of Lithium-Ion Battery for DSV “Shinkai 6500”.

Mr. Itaru Kawama
JAMSTEC, Japan Agency for Marine-Earth Science and Technology
Japan

Operation of DSV “Shinkai 6500” after Converting Main Batteries.

Yoshinari Ohno
Nippon Marine Enterprises Ltd.
Japan

**SESSION C – Commercial Operations
(Wednesday Feb. 16, 8:00 – 9:30AM)**

Law-Enforcement Submersible Operation for Search & Recovery

William Kohnen
SEAmagine Hydrospace Corporation
Claremont, CA USA

Tethered and Untethered Manned Submersible System Operations in the Gulf of Mexico

Phil Nuytten
Nuytco
North Vancouver, BC Canada

Manned Submersible Research on the Cordell Banks Sanctuary

Dan Howard
NOAA, Cordell Banks Marine Sanctuary
Point Reyes Station, CA USA

**SESSION D – New Submersible Vehicles
(Wednesday Feb. 16, 10:00 – 11:30AM)**

~~**ALICIA – A New 6 Passenger Diesel Electric Touring Submersible**~~

~~Paul Moorhouse
Marlin Submarines
Plymouth, England~~

Certification of a Submarine Design Using Fiber-Bragg Grating Sensors

Chris Baldwin, Advanced Engineering Development
Systems Planning and Analysis Inc.
Lanham, Maryland 20706

TRIUMPH – A new Three-Person Deep Submergence Submersible Design

Charles Cousin, Ian Sheard
Seamagine Hydrospace Corporation

Claremont, CA USA

SESSION E – Manned Submersible Design (Wednesday Feb. 16, 1:30 – 3:00 PM)

Deep Submersible Vehicle (DSV) Design and Construction- Lessons Learned and a Path for the Future

Charles M. Staehle (Mike)
Submersible Systems Technology Inc. and Reef Explorer Submarines Inc.
Riviera Beach, Florida USA

ASME-PVHO 2: Post Construction Survey Code for Manned Submersibles

Phil Ziegler
Submersible Consulting
Houston, Texas USA

Round Table Discussion of Future Manned Applications

William Kohnen: Moderator
Charles M. Staehle Charles McVean
Bob Brown Justin Manley

SESSION F – Submersible Regulations (Wednesday Feb. 16, 3:30 – 5:00 PM) room 205

ABS Rules for Building and Classing Underwater Vehicles – The Process

Ravi Tanwar
ABS Americas
Houston, Texas USA

GL Class – Experience in Classing Deep Submergence Underwater Vehicles

Harald Pauli
Germanischer Lloyd AG
Hamburg, Germany

ASME-PVHO – Standards for Construction of Manned Submersibles

George Wolf
SouthWest Research Institute
San Antonio, Texas USA

SESSION G MTS Manned Underwater Vehicle Committee Yearly Meeting (Wednesday Feb. 16, 5:00-6:00 PM) room 205