

# Perspective on Undersea Medicine for Operator Performance Needs

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EMERGING SCIENCE AND TECHNOLOGY TO ADDRESS NAVAL UNDERSEA MEDICINE NEEDS: A WORKSHOP - MARCH 21, 2024

“Our Priorities. We will focus on Warfighting, Warfighters, and the Foundation that supports them.”

*CNO - America's Warfighting Navy*  
January 9, 2024

# The Job



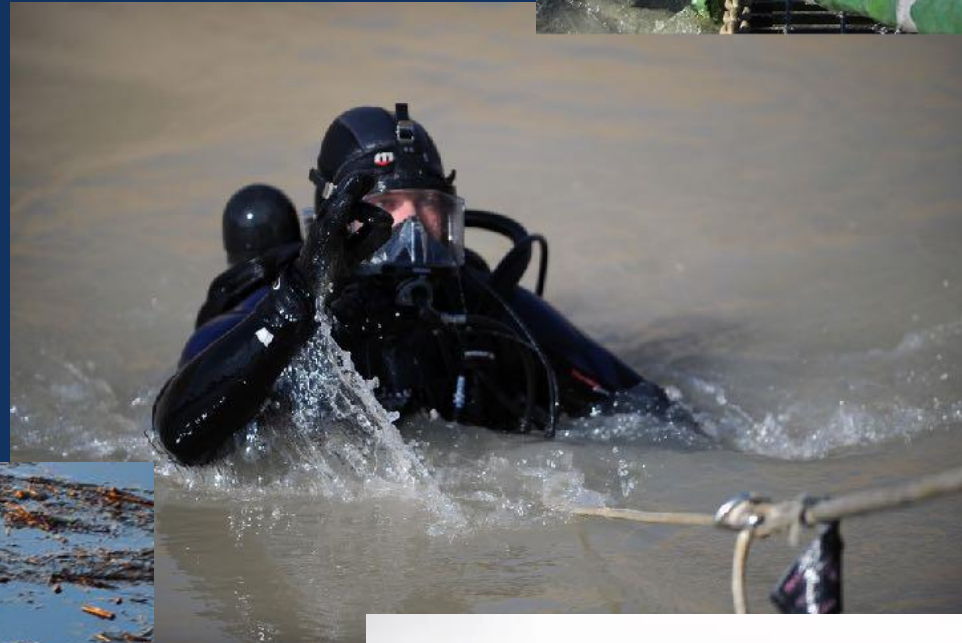


# The Commute





# The Conditions





# The Unknowns



# While at all times monitoring . . .

- Time
- Depth
- Position
- Breathing gas
- Environment
- Self
- Buddy

# Or else risk . . .

- Cognitive Impairment
- Decompression Sickness
- Seizures/Drowning (Oxygen Toxicity)
- Physical Injury
- Cold/Heat Injury
- Mission failure
- Death



Meeting the operator's needs  
should ultimately . . .

# Maximize value added . . .

- Performance
- Efficiency
- Safety
- Readiness
- Longevity



# Minimize burden placed . . .

- Bulk
- Intrusiveness
- Weight
- Distractibility
- Complexity

“Doc, just make it suck less.”

Anonymous NEDU Diver  
*A not too long time ago . . .*