

# Imenco Diving Systems

DIVING DEPARTMENT

# Introduction

Imenco diving department is continuation of Norwegian Universal Technology A/S best known as NUT.

NUT was founded in 1984 at Killingøy Haugesund in Norway, and has been the leading company in Norway providing equipment and service to the commercial diving industry world wide. In the last eight years Imenco/NUT has delivered five saturation systems and air dive systems to the following vessels:

- Bibby Topaz - 18 men system, twin bell, 300 MSW
- Mermaid Endurer - 18 men system. 300 MSW
- Kelly Ann Candies - 12 men system. 300 MSW
- Wyatt Candies - 12 men system, 300 MSW
- Seven Falcon (originally named Acergy Havila) The most advanced DSV ever built. 24 men system, twin bell 400 MSW

All these systems has been built and installed in cooperation with Dräger Safety,



*Norwegian Universal Technology A.S*

# SAT Control Room

Imenco has a design of SAT control panels (DNV approved):

- Traditional layout (manually operated)
- Fully automatic (Seven Falcon)



# DIVE CONTROL ROOM

Imenco has a design of DIVE control panels (DNV approved):

- Traditional layout
- Fully automatic (Seven Falcon)



# DIVER'S HEATERS

Imenco has delivered very reliable hot water machines with different complexity of control system. Electric divers' heaters can be delivered with automatic control system (touch screens) as well as with simplified manual control (push buttons). The machines can be more or less powerfull from, range from 80kW to 450kW.

Imenco has delivered complete divers' hot water systems integrated with the vessel. This includes: HWMs, stand by volume tank for emergency use, filtration system, high pressure hot sea water pipework and distribution system.

Imenco Divers' hot water machines are DNV approved and can delivered up tp 90liter/min.  
Imenco divers' heaters can .also be delived as mobile system



# AIR DIVE SYSTEM

Imenco has delivered many air dive systems both for commercial and military purpose.

Air dive systems can be delivered as integrated with the vessel and as mobile/containerized systems.

Imenco can deliver complete air dive systems as well as components of air dive system, like:

- Air Dive Chambers

- Air dive control panels (gas and communication)

- Air Dive station

- A-frame (including dive baskets)

- Chamber FiFi Systems (high fog system)

# AIR DIVE SYSTEM - CHAMBER

Imenco has the design of 1.8m and 1.6m air dive chamber complying with the latest DNV-GL rules (DNV-OS-E402/DS-403).



# AIR DIVE SYSTEM – CONTROL PANELS

Imenco has delivered variety of 3 diver's gas and communication control panels. Summer 2015 Imenco delivered combined Air/Nitrox panel to Subseapartner A/S.

Control panels can be delivered both custom made to fit and integrate with DSV as well as containerized.



# AIR DIVE SYSTEM –Air Dive Station

Imenco has delivered both containerized systems and integrated systems



# AIR DIVE SYSTEM – A-frame

Imenco has delivered custom made A-frame systems, for commercial and military use. Below it is shown very customized example of A-Frame. Very compact and space saving solution - one A-frame with two baskets system.



# AIR DIVE SYSTEM – Firefighting system

Imenco has developed hyperbaric FiFi fog system for air dive chambers.

This will be the nearest future for hyperbaric chambers FiFi systems.



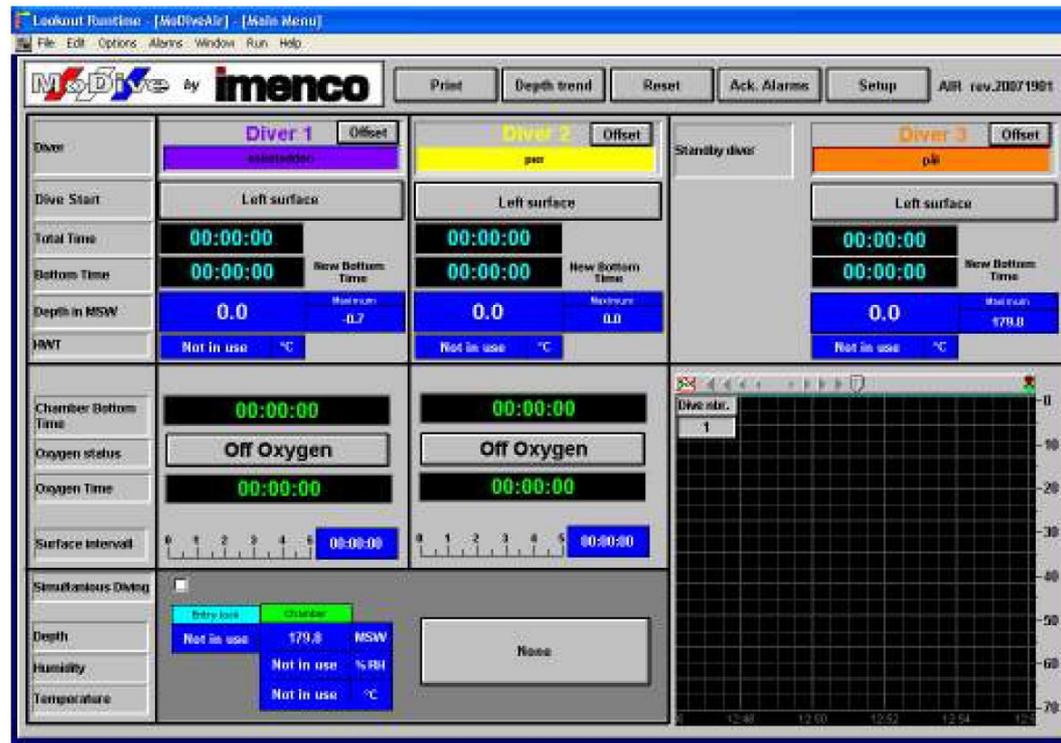
# SPHL – hyperbaric lifeboat

Imenco together with Oceanwide has built 18 man hyperbaric lifeboat installed on board DSV Bibby Topaz. Scope of Imenco supply was complete hyperbaric chamber system.



# Diver Logging System - MoDive

Imenco delivers Diver's logging system that shows and logs all necessary data during dive operation. The relevant data like depth, temperature, humidity are collected from sensors mounted on the umbilical and in diving chamber. There are two versions for both Air and SAT Systems



For more information or special requests  
Contact our Diving Department here:

Jan Gunnar Vågen: [jgv@imenco.com](mailto:jgv@imenco.com)

Michal Holody: [mho@imenco.com](mailto:mho@imenco.com)