



## OFFSHORE AIR DIVING SYSTEM No. 2

### TECHNICAL SPECIFICATIONS:

#### Certificates:

PED-DNV certificate

DMA Diving System Safety Certificate

#### Diving container DCSU 108019:

- 10' DNV –approved container with one double door and one side door.
- Container is insulated with 45 mm glass wool, 40 mm plywood floor covering and 15mm Promat SUPALUX calcium silicate fire protective wall panels.
- Container is fitted with water sprinkler system, handheld CO2 fire extinguisher, fire blanket and Interspiro smoke diver mask w/7 m air hose for operator.



#### Power supply/lighting:

1 x main power panel

10 x Siemens outlet 230V/10A

1 x main light 1 x 36W

1 x automatic emergency light

1 x 30 min UPS backup



#### Air bank:

Main air supply 3 x 50 l tanks

Reserve air supply 2 x 50 l tanks

LP reserve air supply 1 x 50 l tank

#### Diving panel:

2 x Main high pressure inlets with 63 mm pressure gauges

2 x Reserve high pressure inlets

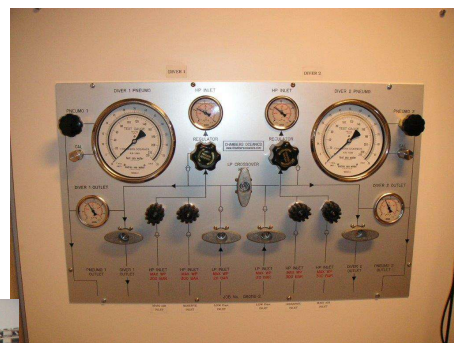
2 x low pressure inlets

2 x Pressure regulators

2 x 63 mm diver air pressure gauges

1 x Cross over for diver air

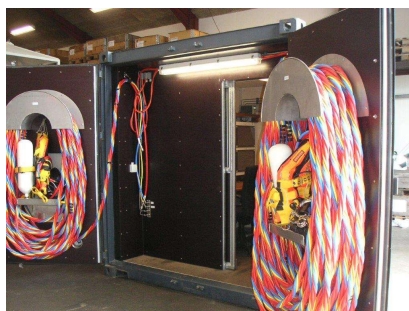
2 x Pneumo depth gauge, 150 mm



#### Umbilicals:

2 units each 125 m consisting of:

- 3/8" Breather hose
- 5/16" Pneumo hose
- 1/2" Hot water hose
- Coms / light cable
- Video cable



#### Hot Water:

2 x Water heaters

2 x Hot water pumps

2 x Mixer tanks



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### Diver equipment:

#### Main diver:

“Arvest” w/10 l bail-out tank incl. reduction valve and HP gauge  
KM 37 helmet with light and camera  
Hot water suit  
Knife  
Gloves  
Finns  
Neck-dams

#### Stand by diver:

“Arvest” w/10 l bail-out tank incl. reduction valve and HP gauge  
KM 18 band mask with light and camera  
Hot water suit  
Knife  
Gloves  
Finns

### Diver monitoring equipment:

- Duplex radio for each diver
- Video monitor for each diver
- USB recorder for each diver
- Adjustable power supply for diver light
- Clock with stop watch function for each diver



### External connections/communication:

2 x 63A power supply  
1 x 2” Storz fire hose connection  
1 x Hard wire communications  
1 x VHF radio  
2 x Handheld VHF radio  
1 x Fire detection and alarm system



### Air production:

1 x Bauer HP air compressor