

TECHNICAL BULLETIN

NUMBER 2 / 2010

EMERGENCY SCRUBBERS FOR DECK DECOMPRESSION CHAMBERS AND DIVING BELLS

APPLIES TO 100 SERIES DRASS SATURATION DIVING SYSTEM



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EMERGENCY SCRUBBERS FOR DECK DECOMPRESSION CHAMBERS AND DIVING BELLS

THE PRESENT TECHNICAL BULLETIN CONTAINS TECHNICAL INFORMATION AIMED TO SUPPORT/IMPROVE DRASS EQUIPMENT CURRENTLY IN OPERATION.

YOU ARE KINDLY REQUESTED TO:

- COMMUNICATE IF THIS DOCUMENT AND THE FOLLOWING ONES HAVE TO BE SENT TO DIFFERENT E-MAIL ADDRESSES.
- REVERT FOR ANY CLARIFICATION NEEDED.
- PLEASE INVOLVE DRASS FOR IMPLEMENTATION OF THE SUGGESTED MODIFICATION IF ANY.
- IN ANY CASE PLEASE INFORM DRASS OF ANY MODIFICATION INTRODUCED ON DRASS EQUIPMENT TO VERIFY SAFETY, ALLOW TRACEABILITY AND LIFE CYCLE SUPPORT.

PLEASE NOTE THAT THE TECHNICAL BULLETINS WILL BE AVAILABLE ON WWW.DRASS.IT FOR PERMANENT CONSULTATION.

REASON FOR ISSUE

EQUIPMENT IMPROVEMENT

DESCRIPTION

DRASS PERFORMED AN EXTENSIVE TESTING PROGRAM OF EMERGENCY SCRUBBERS TO EVALUATE ENDURANCE AND CAPABILITIES IN TERMS OF CARBON DIOXIDE REMOVAL; THE RESULTS ARE THAT WITH THE PROPOSED MODIFICATIONS ON THE SCRUBBERS IT'S POSSIBLE TO OBTAIN A MEASURABLE SPECIFIC CAPACITY OF 140 LITERS OF CO₂ ABSORBED PER EACH LITER OF

SODA LIME - SIGNIFICANTLY MORE THAN THE USUALLY DECLARED THEORETICAL VALUE OF 120 LITERS - USING A STANDARD COMMERCIAL GRADE SODA LIME.

THE IMPROVEMENT KIT TO BE REQUESTED AT SALES@DRASS.IT WITH REFERENCE TO "TECHNICAL BULLETIN 02/2010 - EMERGENCY SCRUBBERS"

RECOMMENDATIONS

1. USE ONLY DRASS ORIGINAL UPGRADE KIT
2. VERIFY THE CORRECT INSTALLATION OF THE UPGRADE WITH 3 UNMANNED LAUNCH AND RECOVERY OPERATIONS
3. RECORD THE MODIFICATION IN THE DOCUMENTATION OF THE DIVING SYSTEM
4. REPORT TO THE CLASS SURVEYOR DURING THE ANNUAL SURVEY THE EXECUTION OF THE IMPROVEMENT AS PER OEM RECOMMENDATIONS.