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- ANSTI ----- HSL SHEFFIELD ----- ANSTI -  
CERTIFICATE REFERENCE : HSL-REB 0601 1 0435  
DATE : 16-01-2006 TIME : 15:02:33

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EQUIPMENT  
REBREATHER TYPE : megalodon  
SERIAL NUMBER : 159  
GAS MIXTURE : 21

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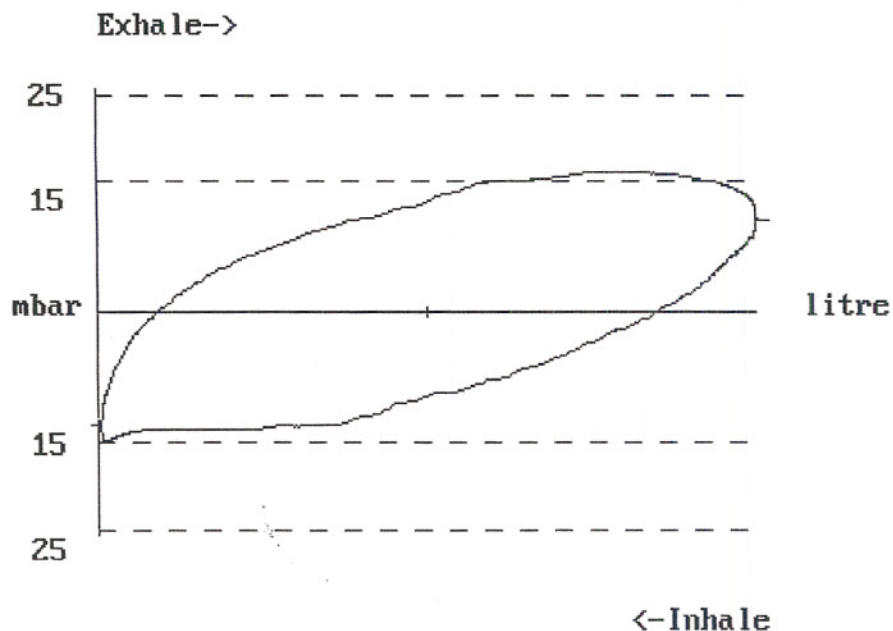
CONDITIONS OF TEST  
ROOM TEMPERATURE : 20.0 C  
WATER TEMPERATURE : 3.4 C  
EXHALE TEMPERATURE : 11.6 C  
CYLINDER PRESSURE : 9 bar.g  
TIDAL VOLUME : 3.00 litre BREATH RATE : 24.77 bpm  
VENTILATION RATE : 74.3 lpm

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RESULTS  
PRESSURE @ START INHALE = 10.74 mbar  
NEG REF INHALE PRESSURE = -14.82 mbar  
INHALE PRESSURE = 25.57 mbar  
PRESSURE @ START EXHALE = -13.10 mbar  
POS REF EXHALE PRESSURE = 16.11 mbar  
EXHALE PRESSURE = 29.22 mbar  
PEAK TO PEAK PRESSURE = 30.94 mbar  
EXT WORK OF BREATHING = 1.91 J/l  
POS REF WORK = 0.06 J/l  
NEG REF WORK = 0.04 J/l

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PRESSURE - VOLUME DIAGRAM AT DEPTH OF : 94.5 msw (310 fsw)



REMARKS : test of CIS canister

----- LSTF-9907 -----

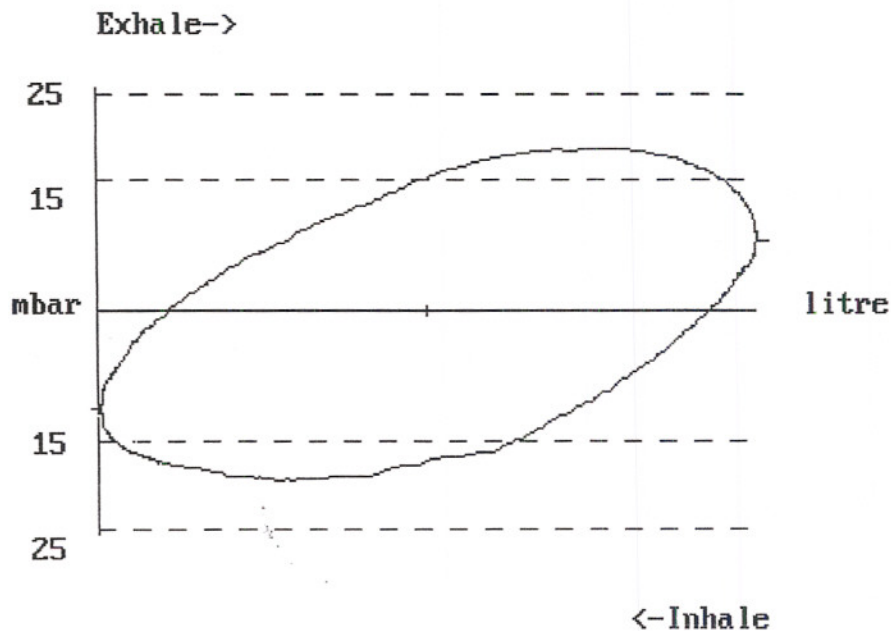
- ANSTI \_\_\_\_\_ HSL SHEFFIELD \_\_\_\_\_ ANSTI -  
CERTIFICATE REFERENCE : HSL-REB 0601 1 0428  
DATE : 16-01-2006 TIME : 13:21:28

EQUIPMENT  
REBREATHER TYPE : megalodon  
SERIAL NUMBER : 159  
GAS MIXTURE : 21

CONDITIONS OF TEST  
ROOM TEMPERATURE : 20.0 C  
WATER TEMPERATURE : 3.3 C  
EXHALE TEMPERATURE : 13.2 C  
CYLINDER PRESSURE : 5 bar.g  
TIDAL VOLUME : 3.00 litre BREATH RATE : 24.81 bpm  
VENTILATION RATE : 74.4 lpm

RESULTS  
PRESSURE @ START INHALE = 8.38 mbar  
NEG REF INHALE PRESSURE = -19.76 mbar  
INHALE PRESSURE = 28.14 mbar  
PRESSURE @ START EXHALE = -11.39 mbar  
POS REF EXHALE PRESSURE = 18.69 mbar  
EXHALE PRESSURE = 30.08 mbar  
PEAK TO PEAK PRESSURE = 38.46 mbar  
EXT WORK OF BREATHING = 2.57 J/l  
POS REF WORK = 0.02 J/l  
NEG REF WORK = 0.04 J/l

PRESSURE - VOLUME DIAGRAM AT DEPTH OF : 51.7 msw (170 fsw)



REMARKS : Test of CIS canister

LSTF-9907 -