viii. STREAMER DEPTH CONTROL NETWORK DETAILS

MANUFACTURER ..... Digicourse

MECHANICAL

Weight ..... 2.8 Kg in seawater
Length ..... 1.00 Metre
Mounting ..... Conventional bird collars

BATTERY

Cells ..... Four Lithium D cells
Life ..... 3-4 weeks (dependant on use)

COMMUNICATIONS

Type ..... Serial FSK
Frequency ..... 27 KHz
Data Rate ..... 1200 bits/second

DIVING PLANE

Lift ..... 20 Kg at 5 Kts and 15 degree wing angle
Airfoil ..... NASA 651-012 airfoil section
Aspect Ratio 2.0
Wing Span ..... 48 cm
Surface Area ..... 0.903 Sq. Metres

DEPTH SENSOR

Operating Range .... 0 to 61 Metres
Accuracy ..... +/- 0.15 Metres
Resolution ..... +/- 0.03 Metres

COMPASS

Resolution ..... 0.3 degrees
Accuracy ..... 0.5 degrees
Sampling ..... Selectable, 0.3 to 6 seconds
Averaging ..... Selectable, 0, 3, 7, 15, 31 samples