RESON 7125 SV Complete The 7125 can operate as the \bigcirc data collection computer also so this Data collection computer is optional PS-2 Port PS-2 Ports **RESON 7125 Data Collection** SV Processor RS-232 RS-232 RS-232 TIME RJ45 Computer RS-232 RS-232 COM 1 COM 2 FISHER **NETWORK** Switch SVP Profiler Baud Rate 9600 SVP PROFILER Timing ZDA COM 1 Baud Motion Em3000 Com2 Baud Rate 115200 To check POS-MV From data RS-232 RS-232 1PPS COM 2 COM 1 All IP Address must be set similar to POS MV last collection computer use the ping number should be different for each device command with the POS IP 129.100.1.23X **POS MV** address of (129.100.1.231) RXFrom Start type CMD Type PING then the IP you will receive a Reply from the POS-MV 400 **MRU GPS Antennas** SVP 71 COM2 Baud Rate SURFACE SVP Primary Secondary All Serial Connection to computer need Null Modem Cable 2,3,5 going to 3,2,5 POS-MV The MRU was used +X as the RP -Z Lever Arms & Mounting Angles Lever Arms & Mounting Angles | Sensor Mounting | Tags, Multipath & AutoStart | Ref. to IMU Lever Arm -IMU Frame w.r.t. Ref. Frame-X (m) X (deg) Y (m) Y (deg) GPS Z (m) Z (deg) MRU 0.0 Ref. to Primary GPS Lever Arm Ref. to Vessel Lever Arm X (m) X (m) Z (m) 0.0 Y 1. Ref. = Reference 2. w.r.t. = With Respect To Y (m) 3. Reference Frame and Vessel Z (m) 0.0 Frame are co-aligned Close HYPACK MRU 0.0 0.0 Y MB to GPS Water line 0.0 X Check Carefully to insure the coordinate system used by the software is correct CARIS HYPACK RESON POS-MV +X PDS