

SHIPS NETWORK

PLMNAV

SPERRY MK37
GYRO HEADING
FROM Lehmkuhl

UDP DATA

SHIPS HEADING,
POSITION AND NTP

LOGGING PC

COM1
COM2
COM3
COM4

RS232
RS232
RS232

VERTICAL
REFERENCE
UNIT

TO SONARDYNE

SPLITTER (IF
NECESSARY)

RS232
ROLL AND
PITCH

TO DYNAIR

TO SEATEL
TAC90

PIC PCB

A/D CONVERTER

A/D IN

GPIO

TTL

NTSC SYNC
DETECTOR

RDL TX-VCR

ML-III

ML-III AGC VOLTS OUT
0-5 VDC

VIDEO OUT

DATAQ MODEM

T-1, 4W

CISCO 3810

100 BASE-T
SHIPS NETWORK

DC SUPPLY

UPS

9600,8,N,1

DC

0-5 VDC

BASEBAND
NTSC

9600,8,N,1

COMM-WATCH
BERT

RX ERRORS

DC

R/V POINT LOBOS

DRAFT 6/14/05

Title		
POINT LOBOS TEST SYSTEM		
Size B	Document Number <Doc>	Rev <RevCode>
Date:	Tuesday, June 14, 2005	Sheet 1 of 1