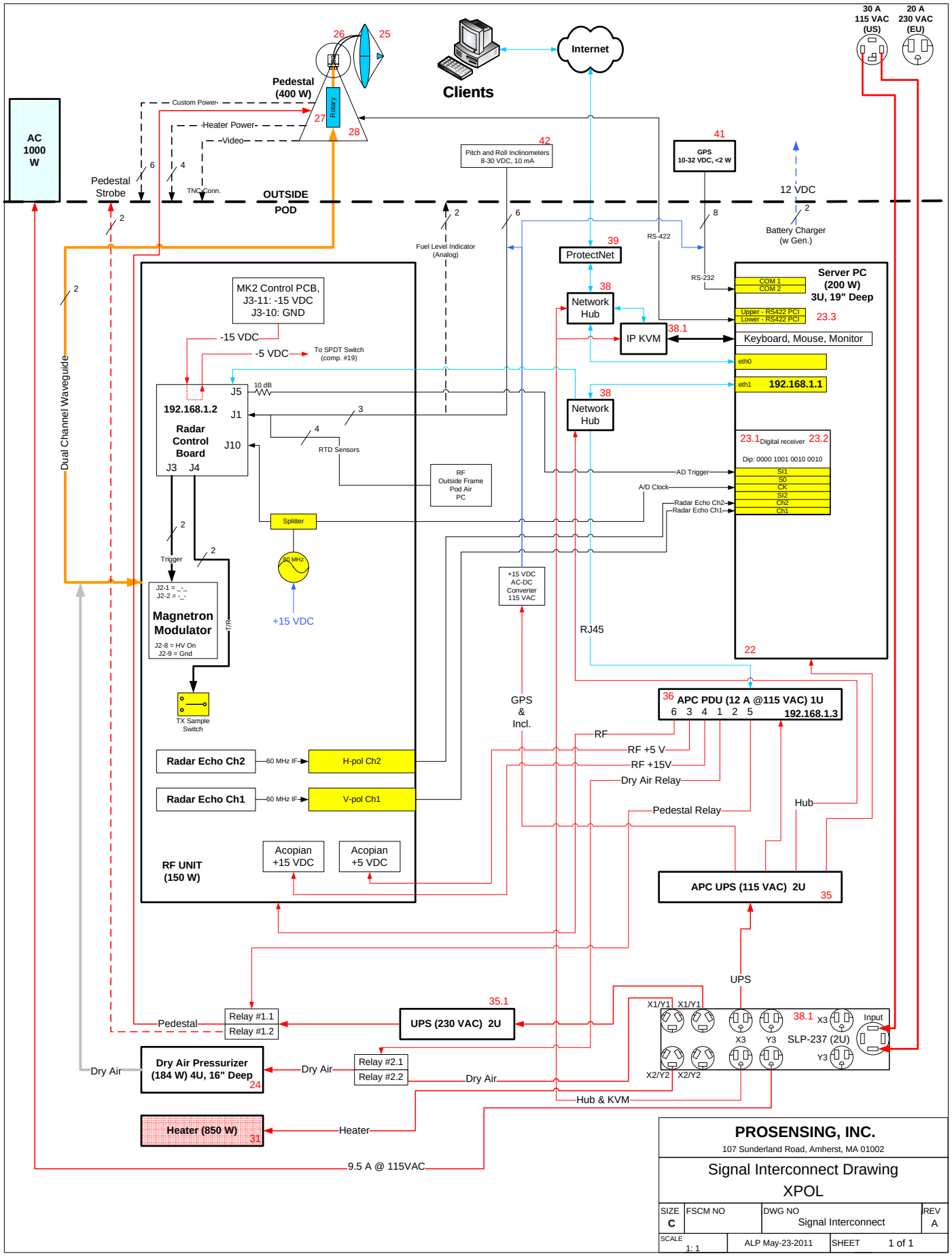
30 A 115 VAC (US)
20 A 230 VAC (EU)
Internet
Clients
Pedestal (400 W)
Rotary
AC 1000 W
Custom Power
Heater Power
Video
Pedestal Strobe
TNC Conn.
OUTSIDE POD
Pitch and Roll Inclinometers 8-30 VDC, 10 mA
GPS 10-32 VDC, <2 W
12 VDC
Battery Charger (w Gen.)
Fuel Level Indicator (Analog)
RS-422
RS-232
ProtectNet
Network Hub
IP KVM
Keyboard, Mouse, Monitor
Server PC (200 W) 3U, 19" Deep
COM 1
COM 2
Upper - RS422 PCI
Lower - RS422 PCI
eth0
eth1
192.168.1.1
Digital receiver
Dip: 0000 1001 0010 0010
SI1
S0
CK
SI2
Ch2
Ch1
AD Trigger
A/D Clock
Radar Echo Ch2
Radar Echo Ch1
Dual Channel Waveguide
MK2 Control PCB, J3-11: -15 VDC J3-10: GND
-15 VDC
-5 VDC
To SPDT Switch (comp. #19)
10 dB
192.168.1.2
Radar Control Board
J5
J1
J10
J3
J4
RTD Sensors
RF Outside Frame Pod Air PC
Splitter
80 MHz
+15 VDC
Trigger
J2-1 = _-_
J2-2 = _-_
Magnetron Modulator
J2-8 = HV On
J2-9 = Gnd
T/R
TX Sample Switch
+15 VDC AC-DC Converter 115 VAC
RJ45
GPS & Incl.
APC PDU (12 A @115 VAC) 1U
192.168.1.3
RF
RF +5 V
RF +15V
Dry Air Relay
Pedestal Relay
Hub
Radar Echo Ch2
Radar Echo Ch1
60 MHz IF
H-pol Ch2
V-pol Ch1
Acopian +15 VDC
Acopian +5 VDC
RF UNIT (150 W)
APC UPS (115 VAC) 2U
UPS
UPS (230 VAC) 2U
Relay #1.1
Relay #1.2
Pedestal
Relay #2.1
Relay #2.2
Dry Air
Dry Air Pressurizer (184 W) 4U, 16" Deep
Heater (850 W)
Heater
Hub & KVM
9.5 A @ 115VAC
SLP-237 (2U)
Input
X1/Y1
X2/Y2
X3
Y3
PROSENSING, INC.
107 Sunderland Road, Amherst, MA 01002
Signal Interconnect Drawing
XPOL
SIZE C
FSCM NO
DWG NO Signal Interconnect
REV A
SCALE 1: 1
ALP May-23-2011
SHEET 1 of 1