REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

BUS 8
BUS 4
BUS 2
BUS 1

UMI-7764

S.5.1-B.1
S.5.1-B.3
S.5.1-B.2
5.1-AWO\
5.1-FWD
5.1-REV
6.1-AWO\
6.1-FWD
6.1-REV
6.2-AWO\
6.2-FWD
6.2-REV
8.1-AWO\
8.1-HOME
8.1-B.2
8.1-AWO\
8.1-STEP
8.1-DIR

FWDLIM1 HOME1 REVLIM1 INHIN1 GND1 AOUT1 AOGND1 INHOUT1 CW1 CCW1 +5V1 GND+5V1 ENCA1 ENCA1\ ENCB1 ENCB1\ INDEX1 INDEX1\
FWDLIM2 HOME2 REVLIM2 INHIN2 GND2 AOUT2 AOGND2 INHOUT2 CW2 CCW2 +5V2 GND+5V2 ENCA2 ENCA2\ ENCB2 ENCB2\ INDEX2 INDEX2\
FWDLIM3 HOME3 REVLIM3 INHIN3 GND3 AOUT3 AOGND3 INHOUT3 CW3 CCW3 +5V3 GND+5V3 ENCA3 ENCA3\ ENCB3 ENCB3\ INDEX3 INDEX3\
FWDLIM4 HOME4 REVLIM4 INHIN4 GND4 AOUT4 AOGND4 INHOUT4 CW4 CCW4 +5V4 GND+5V4 ENCA4 ENCA4\ ENCB4 ENCB4\ INDEX4 INDEX4\

BP4 BP3 BP2 BP1 GNDBP +5VBP TRIG4 TRIG3 TRIG2 TRIG1 AIGND AREF AIN4 AIN3 AIN2 AIN1 GND6 NC1 SHUTDOWN INHALL VCC-IN GND-IN TCK TDO TDI TMS

R1 120 OHMS
R2 120 OHMS
R3 120 OHMS
R4 120 OHMS
R5 120 OHMS
R6 120 OHMS

TS2-26 TS2-31 TS2-29 TS2-32 TS2-35 TS2-34 TS2-33 TS2-27 TS1-9 TS2-28

U1

BUS 3
BUS 11

TS2-30

N/C TIE1-1
N/C TIE1-2
N/C TIE1-3

P.5.1-B.1 P.5.1-B.2 S.5.1-B.3 S.5.1-B.4 S.5.1-B.5 P.5.2-B.2 P.6.1-B.1 P.6.2-B.2 P.6.4-B.2 P.6.5-B.1 P.7.1-B.1 P.7.1-B.2 P.7.2-B.1 P.7.2-B.2

P310 2

5.1-FWD-OUT 5.1-REV-OUT 5.1-AWO-OUT 6.1-FWD-OUT 6.1-REV-OUT 6.1-AWO-OUT 6.2-FWD-OUT 6.2-REV-OUT 6.2-AWO-OUT 8.1-STEP-OUT 8.1-DIR-OUT 8.1-AWO-OUT 5.1-R.1-OUT 5.1-R.2-OUT 5.2-R.1-OUT 6.1-R.1-OUT 6.3-R.1-OUT 6.5-R.1-OUT 7.1-R.1-OUT 7.1-R.2-OUT 7.2-R.1-OUT

5.1-FWD
5.1-REV
5.1-AWO\
6.1-FWD
6.1-REV
6.1-AWO\
6.2-FWD
6.2-REV
6.2-AWO\
8.1-STEP
8.1-DIR
8.1-AWO\

interlock1 board

5.1-FWD-M 5.1-REV-M 6.1-FWD-M 6.1-REV-M 6.2-FWD-M 6.2-REV-M 5.1-R.1-M 5.1-R.2-M 5.2-R.1-M 6.1-R.1-M 6.3-R.1-M 6.5-R.1-M 7.1-R.1-M 7.2-R.1-M

BUS 5

BUS 7

5.1-R.1 5.1-R.2 5.2-R.1 6.1-R.1 6.3-R.1 6.5-R.1 7.1-R.1 7.2-R.1 7.2-D.1

BUS 6

5.1-B.6-DER 5.1-B.1-M 5.1-B.2-M 5.1-B.4-M 5.1-B.5-M 5.2-B.2-M 6.1-B.1-M 6.2-B.2-M 6.4-B.2-M 6.5-B.1-M 7.1-B.1-M 7.1-B.2-M 7.2-B.1-M 7.2-B.2-M CSO-M

BUS 9

CS+V
CS-OPEN\
CS-OPENED\
CS-CLOSED\
CS-RTN

TS1-10

PNEUMATIC PORTS

TS1-16 TS1-17 TS1-18

P500 1 P500 2 P500 3

HWP-ENC-PWR~
QWP-ENC-PWR~
SPARE3
SPARE4

5.1-R.1-OUT 5.1-R.2-OUT 5.2-R.1-OUT 6.1-R.1-OUT 6.2-R.1 6.3-R.1-OUT 6.4-R.1 6.5-R.1-OUT 7.1-R.1-OUT 7.1-R.2-OUT 7.2-R.1-OUT

relay-dvrs1 board

N/C NC4

P.5.1-R.1+ P.5.1-R.1- P.5.1-R.2+ P.5.1-R.2- P.5.2-R.1+ P.5.2-R.1- P.6.1-R.1+ P.6.1-R.1- P.6.2-R.1+ P.6.2-R.1- P.6.3-R.1+ P.6.3-R.1- P.6.4-R.1+ P.6.4-R.1- P.6.5-R.1+ P.6.5-R.1- P.7.1-R.1-
P.7.1-R.2-
P.7.2-R.1+ P.7.2-R.1-

J1 J1 J2 J2 J3 J3 J4 J4 J5 J5 J6 J6 J7 J7 J8 J8 J9 J9

HWP+24 HWP-DRV QWP+24 QWP-DRV
SPARE1-3+ SPARE1-3- SPARE1-4+ SPARE1-4- NC1 NC2 NC3 NC5 — all N/C

10 50W R7

P.7.1-R.2-

BUS 13

PNEU-24V TS3-1
SM-24V TS3-5 SM-24V
24VGND TS4-1
24VGND TS4-6
24VGND

23 24 25

6.1-FWD-OUT 6.1-REV-OUT 6.1-AWO-OUT 6.2-FWD-OUT 6.2-REV-OUT 6.2-AWO-OUT 8.1-AWO-OUT 8.1-DIR-OUT 8.1-STEP-OUT 5.1-AWO-OUT 5.1-REV-OUT 5.1-FWD-OUT

sm-dvrs

BUS 10
BUS 12

+5V3
+5V2
QWPENC+5
HWPENC+5
HWP-NC
QWP-NC

enc-relays

QWP-DRV
QWP+24
HWP-DRV
HWP+24

	UW SPACE ASTRONOMY LAB		
	SALT PFIS PSC1 EQUIPMENT		
07/25/05	SIZE D	FSMC NO	DWG NO SALT-3140AD0003 REV
	SCALE		SHEET 2 OF 6