



Rim Wiring Schedule
3/4/2006

RP1	Cable from Rim box to PAC (PAX Case)							
	A,B	Description	Size	Color	Twist	Length	Comment	
	A	TEC power	#16		Z	54"		
	B	TEC power	#16		Z			
	C	Shield	#18		-			
	D	dewar diode 1	#24		Y			
	E	dewar diode 2	#24		Y			
	F	SPARE	#16		X			
	G	SPARE	#16		X			
	H	SPARE	#24		W			
	J	SPARE	#24		W			
	K	compressor power	#16		V			
	L	compressor power	#16		V			
	M	Shield	#18		-			
	N	cryocooler therm 2	#24		U			
	--	cryocooler therm 1	#24		U			
	R	-5V	#24		T			
	S	GND	#24		T			
	T	PAXTEC therm 1	#24		S			
	U	PAXTEC therm 2	#24		S			
	V	GND	#24		R			
	W	+6sense	#24		R			
	X	+5sense	#24		Q			
	Y	-5sense	#24		Q			
	Z	+5V	#24		P			
	a	GND	#24		P			
	b	GND	#24		O			
	c	+6V	#24		O			
	d	GND	#24		M			
	e	+5V	#24		M			
	A	UTG620-28SN						
	B	UTG620-28SN						
RW1	Cable inside rim box from bottom connector to components for RP1							
	A	Description	B,C,D,E,F,G	Size	Color	Twist	Length	Comment
	A	TEC power		#16				
	B	TEC power		#16				
	C	Shield		#18				
	D	dewar diode 1		#24				
	E	dewar diode 2		#24				
	F	SPARE		#16				
	G	SPARE		#16				
	H	SPARE		#24				
	J	SPARE		#24				
	K	compressor power		#16				
	L	compressor power		#16				
	M	Shield		#18				
	N	cryocooler therm 2		#24				
	--	cryocooler therm 1		#24				

R	-5V	#24
S	GND	#24
T	PAXTEC therm 1	#24
U	PAXTEC therm 2	#24
V	GND	#24
W	+6sense	#24
X	+5sense	#24
Y	-5sense	#24
Z	+5V	#24
a	GND	#24
b	GND	#24
c	+6V	#24
d	GND	#24
e	+5V	#24

A	UTG620-28SN
B	
C	
D	
E	
F	
G	

RW2 24V from power supply to STI supply

A, B	Description	Size	Color	Twist	Length	Comment
1						
2						

A	Tyco 1-480698(newark 46F2063) with 2 contacts Tyco 350550-2(Newark 90F5656)
B	Tyco 1-480698(newark 46F2063) with 2 contacts Tyco 350550-2(Newark 90F5656)

RW3 serial from STI to ucnlrlr

A,B	Description	Size	Color	Twist	Length	Comment
1						
2						
3						
A						
B						

RW4 from TEC to ucnlrlr

A	Description	B	Size	Color	Twist	Length	Comment
A							
B							

RW5 24V from power supply to TEC board

A	Description	B	Size	Color	Twist	Length
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RW6 connection from power mgmt board to control board

A	Description	B	Size	Color	Twist	Length
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RF1	Cable from rim to feed focus drive						
	A	Description	B	Size	Color	Twist	Length
		1					
		2					
		3					
		4					
		5					

