

T3-1011 TCS3 Block Diagram – Item List

Major Components			
ID	Name	Description	Ref
Dome_HP	Dome_HP	Dome Hand Paddle	T3-2020
FIO_AB	FIO_AB	FIO AB IO Electronic Box	T3-2010
FIO_CD	FIO_CD	FIO CD IO Electronic Box	T3-2050
FIO_F	FIO_F	FIO F IO Electronics	
Obs_HP1	Obs_HP1	Observers Handpaddle #1	T3-2040
Obs_HP1	Obs_HP1	Observers Handpaddle #1	T3-2040
SE_FIOE	SE_FIOE	Servo Electronic / FIO E Electronic Box	T3-2060
T1_Computer	T1 Computer	T3 Control Computer	T3-2090
T2_Computer	T2 Computer	T3 Control Computer (Spare)	T3-2090
T3_APE_Dec	T3_APE_Dec	TCS3 APE Readout Electronics and Networked CPU for Dec axis	T3-3010/11
T3_APE_HA	T3_APE_HA	TCS3 APE Readout Electronics and Networked CPU for HA axis	T3-3010/11
TO_Panel	TO_Panel	Telescope Operators Control Panel	T3-2030/31/32
AMP_TER_BLK	AMP_TER_BLK	Servo Amp Rack Terminal Block	T3-2210
TOHP	TO Handpaddle	Operator's Handpaddle	T3-2043

Cables			
ID	Name	Description	Ref
T3C001	SE3-Parallel	Parallel IO from T3 computer to SE Box	T3-2202
T3C002	SE1-JS1	SE-PMAC analog IO Interface	T3-2202
T3C003	SE2-JMAC	SE-PMAC JMAC cable, includes coax for NSEW Vel	T3-2202
T3C004	SE4-AB7	SE-AB box interconnect cable	T3-2212
T3C005	SE6-TOP1	SE to TO Panel cable	T3-2032
T3C006	TOP2-Smokey	TOP to smokey (guider camera) interface cable	T3-2032
T3C007	SE5-CD1	SE to CD interconnect cable	T3-2207
T3C008	SE8-DOME_IND_LIGHTS	SE to Dome Incandescens Light cable	T3-2212
T3C009	AB1/SE7-Power_Brake_Cntl	AB1/SE7 to Power_Brake_Control cable	T3-2209
T3C010	SE-HA_Encoder_TAC	SE to HA_Inc_Encoder_TAC cable	T3-2206
T3C011	SE_Dec_Encoder_TAC	SE to Dec_Inc_Encoder_TAC cable	T3-2206
T3C013	AB9-Misc	AB9 to Dome_Heater_Sense, Mirror_Cooling_Waring cable.	T3-2208
T3C014	AB2-Dome_Mez	AB2 to DomeMez cable for Dome HandPaddle	T3-2020
T3C015	AB4-Dome_Encoder	AB to Dome_Encoder (serial data).	T3-2208
T3C016	AB5-OH1	AB to Obs_HP_1 cable	T3-2040
T3C017	AB6-OH2	AB to Obs_HP_2 cable	T3-2040
T3C018	AB8-HMT330	AB to Viasala HMT 330 Weather senser interface cable	T3-2208
T3C019	CD4-WeatherData	CD4 to Weather Sensor (Temp, Hum)	T3-2213
T3C020	CD5-Misc	CD to Mirror_Pressure, CCOoler, Platform Stowed data cable	T3-2213
T3C021	CD-MCC-210	CD to MCC-210 pass-through cable	T3-2203
T3C022	CD-MCC-211	CD to MCC-211 pass-through cable	T3-2204
T3C023	CD-Chopper-902	CD to Chopper-902 pass through cable	T3-2205
T3C024	SE_DataMon-DataQ	SE_Data Monitor to DataQ cable	T3-2201
T3C025	CD7-TOHP	FIOCD CD7 to TOHP cable	T3-2043

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Project	TCS3 Control System Upgrade, NASA IRTF		
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