

**Connections of motor cables of SAT/PAY/TCS to motor crates on tower racks**

*Version 2 - 17 nov 2016 - ref. V. Dattilo, F. Nenci*

Tower	Tot mot	C1		C2		C3		C4		C5	
		TOP STAGE		VERTICAL		LAST STAGE		T1/2		T3/RH/CP/POP	
		Ch	Nome Motore	Ch	Nome Motore	Ch	Nome Motore	Ch	Nome Motore	Ch	Nome Motore
NI, WI	33	1	MH.F0.1 trolley on inner structure	1	MV.F0.U top-screw on F#0	1	MH.F7.tx balancing mass on F#7	1	MH.M1.UP	1	MH.M3.UP
		2	MH.F0.2 trolley on inner structure	2	Non Collegato (spare high power)	2	MH.F7.tz balancing mass on F#7	2	MH.M1.BL	2	MH.M3.BL
		3	MH.F0.3 trolley on inner structure	3	Non Collegato (spare high power)	3	MH.MA.tx balanc. mass on marion	3	MH.M1.BR	3	MH.M3.BR
		4	M.F0.AH1 Hor. Accelerometer on top-stage	4	Non Collegato (spare high power)	4	MH.MA.tz balanc. mass on marion	4	Non Collegato	4	Non Collegato
		5	M.F0.AH2 Hor. Accelerometer on top-stage	5	MV.F0 fishing-rod on F#0	5	MA.F7.U - F#7 top (for rotation)	5	MH.M2.UP	5	MH.RH
		6	M.F0.AH3 Hor. Accelerometer on top-stage	6	MV.F1 fishing-rod on F#1	6	MA.F7.D - F#7 down (for rotation)	6	MH.M2.BL	6	MV.RH
		7	M.F0.AV1 Vert. Accelerometer on F#0	7	MV.F2 fishing-rod on F#2	7	MV.F4 fishing-rod on F#4	7	MH.M2.BR	7	M.CP.tx
		8	M.F0.AV2 Vert. Accelerometer on F#0	8	MV.F3 fishing-rod on F#3	8	MV.F7 fishing-rod on F#7	8	Non Collegato	8	Non Collegato
NE, WE	32	1	MH.F0.1 trolley on inner structure	1	MV.F0.U top-screw on F#0	1	MH.F7.tx balancing mass on F#7	1	MH.M1.UP	1	MH.M3.UP
		2	MH.F0.2 trolley on inner structure	2	Non Collegato (spare high power)	2	MH.F7.tz balancing mass on F#7	2	MH.M1.BL	2	MH.M3.BL
		3	MH.F0.3 trolley on inner structure	3	Non Collegato (spare high power)	3	MH.MA.tx balanc. mass on marion	3	MH.M1.BR	3	MH.M3.BR
		4	M.F0.AH1 Hor. Accelerometer on top-stage	4	Non Collegato (spare high power)	4	MH.MA.tz balanc. mass on marion	4	Non Collegato	4	Non Collegato
		5	M.F0.AH2 Hor. Accelerometer on top-stage	5	MV.F0 fishing-rod on F#0	5	MA.F7.U - F#7 top (for rotation)	5	MH.M2.UP	5	MH.RH
		6	M.F0.AH3 Hor. Accelerometer on top-stage	6	MV.F1 fishing-rod on F#1	6	MA.F7.D - F#7 down (for rotation)	6	MH.M2.BL	6	MV.RH
		7	M.F0.AV1 Vert. Accelerometer on F#0	7	MV.F2 fishing-rod on F#2	7	MV.F4 fishing-rod on F#4	7	MH.M2.BR	7	Non Collegato
		8	M.F0.AV2 Vert. Accelerometer on F#0	8	MV.F3 fishing-rod on F#3	8	MV.F7 fishing-rod on F#7	8	Non Collegato	8	Non Collegato
PR	25	1	MH.F0.1 trolley on inner structure	1	MV.F0.U top-screw on F#0	1	MH.F7.tx balancing mass on F#7			1	Non Collegato
		2	MH.F0.2 trolley on inner structure	2	Non Collegato (spare high power)	2	MH.F7.tz balancing mass on F#7			2	Non Collegato
		3	MH.F0.3 trolley on inner structure	3	Non Collegato (spare high power)	3	MH.MA.tx balanc. mass on marion			3	Non Collegato
		4	M.F0.AH1 Hor. Accelerometer on top-stage	4	Non Collegato (spare high power)	4	MH.MA.tz balanc. mass on marion			4	Non Collegato
		5	M.F0.AH2 Hor. Accelerometer on top-stage	5	MV.F0 fishing-rod on F#0	5	MA.F7.U - F#7 top (for rotation)			5	MH.RH
		6	M.F0.AH3 Hor. Accelerometer on top-stage	6	MV.F1 fishing-rod on F#1	6	MA.F7.D - F#7 down (for rotation)			6	MV.RH
		7	M.F0.AV1 Vert. Accelerometer on F#0	7	MV.F2 fishing-rod on F#2	7	MV.F4 fishing-rod on F#4			7	M.POP.ty
		8	M.F0.AV2 Vert. Accelerometer on F#0	8	MV.F3 fishing-rod on F#3	8	MV.F7 fishing-rod on F#7			8	M.POP.tx
BS, SR	21	1	MH.F0.1 trolley on inner structure	1	MV.F0.U top-screw on F#0	1	MH.F7.tx balancing mass on F#7				
		2	MH.F0.2 trolley on inner structure	2	Non Collegato (spare high power)	2	MH.F7.tz balancing mass on F#7				
		3	MH.F0.3 trolley on inner structure	3	Non Collegato (spare high power)	3	MH.MA.tx balanc. mass on marion				
		4	M.F0.AH1 Hor. Accelerometer on top-stage	4	Non Collegato (spare high power)	4	MH.MA.tz balanc. mass on marion				
		5	M.F0.AH2 Hor. Accelerometer on top-stage	5	MV.F0 fishing-rod on F#0	5	MA.F7.U - F#7 top (for rotation)				
		6	M.F0.AH3 Hor. Accelerometer on top-stage	6	MV.F1 fishing-rod on F#1	6	MA.F7.D - F#7 down (for rotation)				
		7	M.F0.AV1 Vert. Accelerometer on F#0	7	MV.F2 fishing-rod on F#2	7	MV.F4 fishing-rod on F#4				
		8	M.F0.AV2 Vert. Accelerometer on F#0	8	MV.F3 fishing-rod on F#3	8	MV.F7 fishing-rod on F#7				
INJ, DET	18	1	MH.F0.1 trolley on inner structure	1	MV.F0.U top-screw on F#0	1	MH.F7.tx balancing mass on F#7				
		2	MH.F0.2 trolley on inner structure	2	Non Collegato (spare high power)	2	MH.F7.tz balancing mass on F#7				
		3	MH.F0.3 trolley on inner structure	3	Non Collegato (spare high power)	3	MH.MA.tx balanc. mass on marion				
		4	M.F0.AH1 Hor. Accelerometer on top-stage	4	Non Collegato (spare high power)	4	MH.MA.tz balanc. mass on marion				
		5	M.F0.AH2 Hor. Accelerometer on top-stage	5	MV.F0 fishing-rod on F#0	5	Non Collegato				
		6	M.F0.AH3 Hor. Accelerometer on top-stage	6	MV.F4 fishing-rod on F#4	6	MA.F7.U - F#7 top (for rotation)				
		7	M.F0.AV1 Vert. Accelerometer on F#0	7	Non Collegato	7	MA.F7.D - F#7 down (for rotation)				
		8	M.F0.AV2 Vert. Accelerometer on F#0	8	Non Collegato	8	MV.F7 fishing-rod on F#7				
MC	19	1	MH.F0.1 trolley on inner structure	1	MV.F0.U top-screw on F#0	1	MH.F7.1 balancing mass on F#7 (tx?)				
		2	MH.F0.2 trolley on inner structure	2	Non Collegato (spare high power)	2	MH.F7.2 balancing mass on F#7 (tz?)				
		3	MH.F0.3 trolley on inner structure	3	Non Collegato (spare high power)	3	MH.MA.tx balanc. mass on marion				
		4	M.F0.AH1 Hor. Accelerometer on top-stage	4	Non Collegato (spare high power)	4	MH.MA.tz balanc. mass on marion				
		5	M.F0.AH2 Hor. Accelerometer on top-stage	5	MV.F0 fishing-rod on F#0	5	MH.MA.z marion bottom-gear box				
		6	M.F0.AH3 Hor. Accelerometer on top-stage	6	MV.F4 fishing-rod on F#4	6	MA.F7.U - F#7 top (for rotation)				
		7	M.F0.AV1 Vert. Accelerometer on F#0	7	Non Collegato	7	MA.F7.D - F#7 down (for rotation)				
		8	M.F0.AV2 Vert. Accelerometer on F#0	8	Non Collegato	8	MV.F7 fishing-rod on F#7				