NLCTA Beam Pulse Accounting Channel Assignments

Station 1: TA02 Scaler 409 (TA02 crate 4, module 9)

C#	Scaler channel	Database channel name (CNAM)	TA02: CNTS, #	BPA single unit history button label (on SPTA02HB.pnl)	What the signal really is:
0	1	BEAMVLTS	1	Klys Beam Volts	Sta.1 Modulator rate
1	2	SDOUT_FW	1	SW-1 Out FW	Hybrid → load input forward
2	3	FAST_RE1	1	FastRE Trip	Sta.1 Fast RE trips
3	4	SLOW_RE1	1	SW-1 SlowRE Trip	Struc. 1A missing reflected energy
4	5	AS1BOTFW	1		(nothing)
5	6	MISS_E_1	1	SW-1 Miss E Trip	AS1INF1 - AS1INR1 missing energy trip
6	7	ME_1A_NT	3	SW-1 Miss E NoTrip	Struc. 1A Missing Energy fault (AS1INF1 – AS1INR1, one of two strikes)
7	8	ME_1B_NT	3	SW-2 Miss E NoTrip	Struc. 1B Missing Energy fault (AS2INF1 – AS2INR1, one of two strikes)
8	9	SLOWRE1B	3	SW-2 SlowRE Trip	Struc. 1B missing reflected energy
9	10	MISSE_1B	3	SW-2 Miss E Trip	AS2INF1 - AS2INR1 missing energy trip
10	11	<empty>	3		
11	12	<empty>	3		

Station 1: TA02 Scaler 507 (TA02 crate 5, module 7)

C#	Scaler channel	Database channel name (CNAM)	TA02: CNTS, #	BPA single unit history button label (on SPTA02HB.pnl)	What the signal really is:
0	1	ME_2A_NT	4	T53VG5 Miss E NoTrip	Struc. 2A Missing Energy fault
1	2	ME_2B_NT	4	T53VG3 Miss E NoTrip	Struc. 2B Missing Energy fault
2	3	SLOWRE2B	4	T53VG3 SlowRE Trip	Struc. 2B Slow RE trip
3	4	MISSE_2B	4	T53VG3 Miss E Trip	Struc. 2B Missing Energy trip
4	5	<empty>	4		
5	6	<empty>	4		
6	7	BEAMVLTS	2	Klys Beam Volts	Sta.2 Modulator rate
7	8	SDOUT_FW	2	T53VG5 Out FW	Struc. 2A Out FW
8	9	FAST_RE2	2	FastRE Trip	Sta.2 Fast RE trips
9	10	SLOW_RE2	2	T53VG5 SlowRE Trip	Struc. 2A Slow RE trips
10	11	AS1OT_FW	2	T53VG3 Out FW	Struc. 2B Out FW
11	12	MISS_E_2	2	T53VG5 Miss E Trip	Struc. 2A Missing Energy trip