SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH No IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
00BYD43 EW002 XW00	HOUR PULSE							Q 6 6			
00BYD43 EW003 XW00	DAY PULSE							Q 6 7			
	CSY 2 SPARE 2968								2968		S/W 55
00BYD43 EW001 XW00	MINUTE PULSE							Q 6 5			
	CSY 2 SPARE 2962								2962		S/W 49
	CSY 2 SPARE 2961								2961		S/W 48
	CSY 2 SPARE 2963								2963		S/W 50
	CSY 2 SPARE 2966								2966		S/W 53
	CSY 2 SPARE 2965								2965		S/W 52
	CSY 2 SPARE 2964								2964		S/W 51
	CSY 2 SPARE 2967								2967		S/W 54
00BYD43 EW001 XW00	CSY 2 E490 MODULE	FAULT							2897		Vir 96
00BYD43 EW002 XW00	CSY 2 E490 MESSAGE MEMORY	FULL							2898		Vir 97
00BYD43 EW003 XW00	CSY 2 E490 POWER	FAILED							2899		Vir 98
00BYD43 EW004 XW00	CSY 2 E490 POWER	NORMAL							2900		Vir 99
00BYD43 EW005 XW00	CSY 2 E490 AUTOMATIC TEST	FAILED							2901		Vir 100
00BYD43 EW006 XW00	CSY 2 E490 DATE/TIME	UPDATED							2902		Vir 101
00BYD43 EW007 XW00	CSY 2 E490 UNIT	FAILED							2903		Vir 102
00BYD43 EW008 XW00	CSY 2 E490 UNIT	NORMAL							2904		Vir 103
00BYD43 EW009 XW00	CSY 2 E490 SYNCHRONISATION	FAILED							2905		Vir 104
00BYD43 EW010 XW00	CSY 2 E490 SYNCHRONISATION	NORMAL							2906		Vir 105
	CSY 2 SPARE 2889								2889		H/W 088
00BYD43 XW51	CSY 2 PLC COOLING FAN	FAULT NORMAL						I 6 6	2913		S/W 0 D 1 00

SIGNAL KKS		DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH No IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
00BYD43	XW02	CSY 2 PLC MCB TRIPPED	ALARM NORMAL						I 6 7	2915		S/W 1 D 1 01
00BYD43	XW52	CSY 2 PLC BACKUP BAT VOLTS	LOW NORMAL							2914		S/W 2 D 1 02
03BBK01	XW88	22kV CSY DIST BD 3 CUB1 BKR OPEN	FAIL NORMAL							2929		S/W 16 D 2 00
03BBK01	XW89	22kV CSY DIST BD 3 CUB1 BKR CLSE	FAIL NORMAL							2930		S/W 17 D 2 01
04BBK01	XW88	22kV CSY DIST BD 4 CUB1 BKR OPEN	FAIL NORMAL							2931		S/W 18 D 2 02
04BBK01	XW89	22kV CSY DIST BD 4 CUB1 BKR CLSE	FAIL NORMAL							2932		S/W 19 D 2 03
03BDF04	XW88	3 3kV CSY SERV BD 2A 04 BKR OPEN	FAIL NORMAL							2933		S/W 20 D 2 04
03BDF04	XW89	3 3kV CSY SERV BD 2A 04 BKR CLSE	FAIL NORMAL							2934		S/W 21 D 2 05
03BDF05	XW88	3 3kV CSY SERV BD 2A 05 BKR OPEN	FAIL NORMAL							2935		S/W 22 D 2 06
03BDF05	XW89	3 3kV CSY SERV BD 2A 05 BKR CLSE	FAIL NORMAL							2936		S/W 23 D 2 07
03BDF06	XW88	3 3kV CSY SERV BD 2A 06 BKR OPEN	FAIL NORMAL							2937		S/W 24 D 2 08
03BDF06	XW89	3 3kV CSY SERV BD 2A 06 BKR CLSE	FAIL NORMAL							2938		S/W 25 D 2 09
04BDF01	XW88	3 3kV CSY SERV BD 2B 01 BKR OPEN	FAIL NORMAL							2939		S/W 26 D 2 10
04BDF01	XW89	3 3kV CSY SERV BD 2B 01 BKR CLSE	FAIL NORMAL							2940		S/W 27 D 2 11
04BDF02	XW88	3 3kV CSY SERV BD 2B 02 BKR OPEN	FAIL NORMAL							2941		S/W 28 D 2 12
04BDF02	XW89	3 3kV CSY SERV BD 2B 02 BKR CLSE	FAIL NORMAL							2942		S/W 29 D 2 13
		CSY 2 SPARE 2949								2949		S/W 36 D 3 04
		CSY 2 SPARE 2950								2950		S/W 37 D 3 05
		CSY 2 SPARE 2951								2951		S/W 38 D 3 06
		CSY 2 SPARE 2952								2952		S/W 39 D 3 07
		CSY 2 SPARE 2953								2953		S/W 40 D 3 08
		CSY 2 SPARE 2954								2954		S/W 41 D 3 09
		CSY 2 SPARE 2955								2955		S/W 42 D 3 10
		CSY 2 SPARE 2956								2956		S/W 43 D 3 11

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH No IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
	CSY 2 SPARE 2957								2957		S/W 44 D 3 12
	CSY 2 SPARE 2958								2958		S/W 45 D 3 13
	CSY 2 SPARE 2959								2959		S/W 46 D 3 14
	CSY 2 SPARE 2960								2960		S/W 47 D 3 15
03BBK01 YB92	22kV CSY DIST BD 3 CUB01 BKR	CLOSE	03BBK01 AA001 X03 038/039	00BYD43 XB 001 AB	Be/1P R/1P	03BBK8001	UVG8ACV	Q 4 0			———
03BBK01 YB91	22kV CSY DIST BD 3 CUB01 BKR	OPEN	03BBK01 AA001 X03 040/041	00BYD43 XB 001 CD	Gy/1P Y/1P	03BBK8001	UVG8ACV	Q 4 1			———
03BBK01 XB01	22kV CSY DIST BD 3 CUB01 BKR	OPENED CLOSED	03BBK01 AA001 X04 031/032	00BYD43 XB 001 EF	Gn/1P Bn/1P	03BBK8001	UVG8ACV	I 4 0	2859		H/W 058
03BBK01 XB51	22kV CSY DIST BD 3 CUB01	LOC/OFF REMOTE	03BBK01 AA001 X03 054/055	00BYD43 XB 001 GH	W/1P Bk/1P	03BBK8001	UVG8ACV	I 4 1	2860		H/W 059
03BDF04 YB92	3 3kV CSY SERV BD 2A CUB04 BKR	CLOSE	03BDF04 AA001 X02 027/028	00BYD43 XB 003 AB	Be/1P R/1P	03BDF8001	UVG8ACV	Q 4 2			———
03BDF04 YB91	3 3kV CSY SERV BD 2A CUB04 BKR	OPEN	03BDF04 AA001 X02 029/030	00BYD43 XB 003 CD	Gy/1P Y/1P	03BDF8001	UVG8ACV	Q 4 3			———
03BDF04 XB01	3 3kV CSY SERV BD 2A CUBO4 BKR	OPENED CLOSED	03BDF04 AA001 X02 047/048	00BYD43 XB 003 EF	Gn/1P Bn/1P	03BDF8001	UVG8ACV	I 4 2	2861		H/W 060
03BDF04 XB51	3 3kV CSY SERV BD 2A CUB04	LOC/OFF REMOTE	03BDF04 AA001 X03 010/011	00BYD43 XB 003 GH	W/1P Bk/1P	03BDF8001	UVG8ACV	I 4 3	2862		H/W 061
03BDF05 YB92	3 3kV CSY SERV BD 2A CUB05 BKR	CLOSE	03BDF05 AA001 X02 031/032	00BYD43 XB 005 AB	Be/1P R/1P	03BDF8002	UVG8ACV	Q 4 4			———
03BDF05 YB91	3 3kV CSY SERV BD 2A CUB05 BKR	OPEN	03BDF05 AA001 X02 033/034	00BYD43 XB 005 CD	Gy/1P Y/1P	03BDF8002	UVG8ACV	Q 4 5			———
03BDF05 XB01	3 3kV CSY SERV BD 2A CUBO5 BKR	OPENED CLOSED	03BDF05 AA001 X02 051/052	00BYD43 XB 005 EF	Gn/1P Bn/1P	03BDF8002	UVG8ACV	I 4 4	2863		H/W 062
03BDF05 XB51	3 3kV CSY SERV BD 2A CUB05	LOC/OFF REMOTE	03BDF05 AA001 X03 010/011	00BYD43 XB 005 GH	W/1P Bk/1P	03BDF8002	UVG8ACV	I 4 5	2864		H/W 063
03BDF05 EW002 XB01	3 3kV CSY BD 2A CUB05 CBL E/S	ON OFF	03BDF05 AA001 X03 013/014	00BYD43 XB 006 AB	Be/2P R/2P	03BDF8002	UVG8ACV	I 7 0	2865		H/W 064
03BDF05 EW003 XB01	3 3kV CSY BD 2A CUB05 ISOL	CLOSED OPENED	03BDF05 AA001 X03 051/052	00BYD43 XB 006 CD	Gy/2P Y/2P	03BDF8002	UVG8ACV	I 7 1	2866		H/W 065
03BDF06 YB92	3 3kV CSY SERV BD 2A CUB06 BKR	CLOSE	03BDF06 AA001 X02 007/008	00BYD43 XB 007 AB	Be/1P R/1P	03BDF8004	UVG8ACV	Q 4 6			———
03BDF06 YB91	3 3kV CSY SERV BD 2A CUB06 BKR	OPEN	03BDF06 AA001 X02 009/010	00BYD43 XB 007 CD	Gy/1P Y/1P	03BDF8004	UVG8ACV	Q 4 7			———
03BDF06 XB01	3 3kV CSY SERV BD 2A CUBO6 BKR	OPENED CLOSED	03BDF06 AA001 X02 027/028	00BYD43 XB 007 EF	Gn/1P Bn/1P	03BDF8004	UVG8ACV	I 4 6	2867		H/W 066
03BDF06 XB51	3 3kV CSY SERV BD 2A CUB06	LOC/OFF REMOTE	03BDF06 AA001 X02 038/039	00BYD43 XB 007 GH	W/1P Bk/1P	03BDF8004	UVG8ACV	I 4 7	2868		H/W 067
04BDF01 EW001 XB01	3 3kV CSY SERV BD 2B BUSBAR E/S	ON OFF	03BDF06 AA001 X02 041/042	00BYD43 XB 008 AB	Be/2P R/2P	03BDF8004	UVG8ACV	I 7 2	2869		H/W 068
03BDF06 EW002 XB01	3 3kV CSY SERV BD 2A BUSBAR ISOL	CLOSED OPENED	03BDF06 AA001 X03 009/036	00BYD43 XB 008 CD	Gy/2P Y/2P	03BDF8004	UVG8ACV	I 7 3	2870		H/W 069

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH No IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
03BDF06 EW001 XB01	3 3kV CSY SERV BD 2A BUSBAR E/S	ON OFF	03BDF06 AA001 X03 001/002	00BYD43 XB 008 EF	Gn/2P Bn/2P	03BDF8004	UVG8ACV	I 7 4	2871		H/W 070
04BDF01 EW002 XB01	3 3kV CSY SERV BD 2B BUSBAR ISOL	CLOSED OPENED	03BDF06 AA001 X03 010/037	00BYD43 XB 008 GH	W/2P Bk/2P	03BDF8004	UVG8ACV	I 7 5	2872		H/W 071
03BFN01 XB01	380V CSY SERV BD 2A BKR CUB01	OPENED CLOSED	03BFN01 AA001 X05 128/129	00BYD43 XB 009 EF	Gn/1P Bn/1P	03BFN8002	UVG4ACV	I 8 0	2873		H/W 072
04BBK01 YB92	22kV CSY DIST BD 4 CUB01 BKR	CLOSE	04BBK01 AA001 X03 038/039	00BYD43 XB 010 AB	Be/1P R/1P	04BBK8001	UVG8ACV	Q 5 0			———
04BBK01 YB91	22kV CSY DIST BD 4 CUB01 BKR	OPEN	04BBK01 AA001 X03 040/041	00BYD43 XB 010 CD	Gy/1P Y/1P	04BBK8001	UVG8ACV	Q 5 1			———
04BBK01 XB01	22kV CSY DIST BD 4 CUB01 BKR	OPENED CLOSED	04BBK01 AA001 X03 031/032	00BYD43 XB 010 EF	Gn/1P Bn/1P	04BBK8001	UVG8ACV	I 5 0	2874		H/W 073
04BBK01 XB51	22kV CSY DIST BD 4 CUB01	LOC/OFF REMOTE	04BBK01 AA001 X03 054/055	00BYD43 XB 010 GH	W/1P Bk/1P	04BBK8001	UVG8ACV	I 5 1	2875		H/W 074
04BDF01 YB92	3 3kV CSY SERV BD 2B CUB01 BKR	CLOSE	04BDF01 AA001 X02 031/032	00BYD43 XB 012 AB	Be/1P R/1P	04BDF8001	UVG8ACV	Q 5 2			———
04BDF01 YB91	3 3kV CSY SERV BD 2B CUB01 BKR	OPEN	04BDF01 AA001 X02 033/034	00BYD43 XB 012 CD	Gy/1P Y/1P	04BDF8001	UVG8ACV	Q 5 3			———
04BDF01 XB01	3 3kV CSY SERV BD 2B CUBO1 BKR	OPENED CLOSED	04BDF01 AA001 X02 051/052	00BYD43 XB 012 EF	Gn/1P Bn/1P	04BDF8001	UVG8ACV	I 5 2	2876		H/W 075
04BDF01 XB51	3 3kV CSY SERV BD 2B CUB01	LOC/OFF REMOTE	04BDF01 AA001 X03 010/011	00BYD43 XB 012 GH	W/1P Bk/1P	04BDF8001	UVG8ACV	I 5 3	2877		H/W 076
04BDF01 EW002 XB01	3 3kV CSY BD 2B CUB01 CBL E/S	ON OFF	04BDF01 AA001 X03 013/014	00BYD43 XB 013 AB	Be/2P R/2P	04BDF8001	UVG8ACV	I 7 6	2878		H/W 077
04BDF01 EW003 XB01	3 3kV CSY BD 2B CUB01 ISOL	CLOSED OPENED	04BDF01 AA001 X03 051/052	00BYD43 XB 013 CD	Gy/2P Y/2P	04BDF8001	UVG8ACV	I 7 7	2879		H/W 078
04BDF02 YB92	3 3kV CSY SERV BD 2B CUB02 BKR	CLOSE	04BDF02 AA001 X02 027/028	00BYD43 XB 014 AB	Be/1P R/1P	04BDF8003	UVG8ACV	Q 5 4			———
04BDF02 YB91	3 3kV CSY SERV BD 2B CUB02 BKR	OPEN	04BDF02 AA001 X02 029/030	00BYD43 XB 014 CD	Gy/1P Y/1P	04BDF8003	UVG8ACV	Q 5 5			———
04BDF02 XB01	3 3kV CSY SERV BD 2B CUBO2 BKR	OPENED CLOSED	04BDF02 AA001 X02 047/048	00BYD43 XB 014 EF	Gn/1P Bn/1P	04BDF8003	UVG8ACV	I 5 4	2880		H/W 079
04BDF02 XB51	3 3kV CSY SERV BD 2B CUB02	LOC/OFF REMOTE	04BDF02 AA001 X03 010/011	00BYD43 XB 014 GH	W/1P Bk/1P	04BDF8003	UVG8ACV	I 5 5	2881		H/W 080
04BFN01 XB01	380V CSY SERV BD 2B BKR CUB01	OPENED CLOSED	04BFN01 AA001 X05 128/129	00BYD43 XB 016 EF	Gn/1P Bn/1P	04BFN8002	UVG4ACV	I 8 1	2882		H/W 081
03BFN02 XB01	380V CSY SERV BD 2A BKR CUB02	OPENED CLOSED	03BFN02 AA001 X05 128/129	00BYD43 XB 017 EF	Gn/1P Bn/1P	03BFN8003	UVG4ACV	I 8 2	2884		H/W 083
03BBK00 XQ54	22kV CSY DIST BD 3 CUB01 VOLTS	0-5mA 0 - 22KV	03BBK01 AA001 X07 001/002	00BYD43 XE 001 AB	Be/1P R/1P	03BBK8002	UVG4ACV	PW 128			
04BBK00 XQ54	22kV CSY DIST BD 4 CUB01 VOLTS	0-5mA 0 - 22KV	04BBK01 AA001 X07 001/002	00BYD43 XE 002 AB	Be/1P R/1P	04BBK8002	UVG4ACV	PW 130			
03BDF00 XQ54	3 3kV CSY SERV BD 2A VOLTS	0-5mA 0- 3 3KV	03BDF05 AA001 X03 037/038	00BYD43 XE 003 AB	Be/1P R/1P	03BDF8003	UVG4ACV	PW 132			
03BDF05 XQ51	3 3kV CSY SERV BD 2A AMPS	0-5mA 0-2000A	03BDF05 AA001 X03 035/036	00BYD43 XE 003 CD	Gy/1P Y/1P	03BDF8003	UVG4ACV	PW 134			
04BDF00 XQ54	3 3kV CSY SERV BD 2B VOLTS	0-5mA 0- 3 3KV	04BDF01 AA001 X03 037/038	00BYD43 XE 004 AB	Be/1P R/1P	04BDF8002	UVG4ACV	PW 136			

SIGNAL KKS		DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH No IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
04BDF01	XQ51	3 3kV CSY SERV BD 2B AMPS	0-5mA 0-2000A	04BDF01 AA001 X03 035/036	00BYD43 XE 004 CD	Gy/1P Y/1P	04BDF8002	UVG4ACV	PW 138			
03BBK01	XW51	22kV CSY DIST BD 3 CUB01 DC	FAIL NORMAL	03BBK01 AA001 X04 007/008	00BYD43 XH 001 AB	Be/1P R/1P	03BBK8003	UVG8ACV		2801		H/W 000
03BBK01	XW52	22kV CSY DIST BD 3 CUB01 T/CCT	FAULT NORMAL	03BBK01 AA001 X04 009/010	00BYD43 XH 001 CD	Gy/1P Y/1P	03BBK8003	UVG8ACV		2802		H/W 001
00BDT53	XW96	22kV CSY DIST BD 3 CUB01 OIL LVL	LOW NORMAL	03BBK01 AA001 X07 005/006	00BYD43 XH 001 EF	Gn/1P Bn/1P	03BBK8003	UVG8ACV		2803		H/W 002
00BDT53	XW55	22kV CSY DIST BD 3 CUB01 BUCH	ALARM NORMAL	03BBK01 AA001 X07 007/008	00BYD43 XH 001 GH	W/1P Bk/1P	03BBK8003	UVG8ACV		2804		H/W 003
00BDT53	XW57	22kV CSY DIST BD 3 CUB01 OIL/T	ALARM NORMAL	03BBK01 AA001 X07 009/010	00BYD43 XH 002 AB	Be/2P R/2P	03BBK8003	UVG8ACV		2805		H/W 004
00BDT53	XW56	22kV CSY DIST BD 3 CUB01 WDG/T	ALARM NORMAL	03BBK01 AA001 X07 011/012	00BYD43 XH 002 CD	Gy/2P Y/2P	03BBK8003	UVG8ACV		2806		H/W 005
03BDF06	XW51	3 3kV CSY SERV BD 2A CUB06 DC	FAIL NORMAL	03BDF06 AA001 X03 012/011	00BYD43 XH 003 AB	Be/1P R/1P	03BDF8005	UVG4ACV		2807		H/W 006
03BDF00	XW54	3 3kV CSY SERV BD 2A U/V	ALARM NORMAL	03BDF06 AA001 X03 015/016	00BYD43 XH 003 CD	Gy/1P Y/1P	03BDF8005	UVG4ACV	I 6 2	2841		H/W 040
04BDF00	XW54	3 3kV CSY SERV BD 2B U/V	ALARM NORMAL	03BDF06 AA001 X03 019/020	00BYD43 XH 003 EF	Gn/1P Bn/1P	03BDF8005	UVG4ACV	I 6 3	2842		H/W 041
03BDF05	XW51	3 3kV CSY SERV BD 2A CUB05 DC	FAIL NORMAL	03BDF05 AA001 X03 026/025	00BYD43 XH 004 AB	Be/1P R/1P	03BDF8006	UVG4ACV		2808		H/W 007
03BDF05	XW52	3 3kV CSY SERV BD 2A CUB05 T/CCT	FAULT NORMAL	03BDF05 AA001 X03 029/030	00BYD43 XH 004 CD	Gy/1P Y/1P	03BDF8006	UVG4ACV		2809		H/W 008
03BDF05	XW53	3 3kV CSY SERV BD 2A CUB05 PROT	TRIP NORMAL	03BDF05 AA001 X03 027/028	00BYD43 XH 004 EF	Gn/1P Bn/1P	03BDF8006	UVG4ACV		2810		H/W 009
03BDF04	XW51	3 3kV CSY SERV BD 2A CUB04 DC	FAIL NORMAL	03BDF04 AA001 X03 031/032	00BYD43 XH 005 AB	Be/1P R/1P	03BDF8007	UVG8ACV		2811		H/W 010
03BDF04	XW52	3 3kV CSY SERV BD 2A CUB04 T/CCT	FAULT NORMAL	03BDF04 AA001 X03 033/034	00BYD43 XH 005 CD	Gy/1P Y/1P	03BDF8007	UVG8ACV		2812		H/W 011
03BDF04	XW53	3 3kV CSY SERV BD 2A CUB04 PROT	TRIP NORMAL	03BDF04 AA001 X03 035/036	00BYD43 XH 005 EF	Gn/1P Bn/1P	03BDF8007	UVG8ACV		2813		H/W 012
00BFU13	XW55	3 3kV CSY SERV BD 2A CUB04 BUCH	ALARM NORMAL	03BDF04 AA001 X03 051/052	00BYD43 XH 005 GH	W/1P Bk/1P	03BDF8007	UVG8ACV		2814		H/W 013
00BFU13	XW57	3 3kV CSY SERV BD 2A CUB04 OIL/T	ALARM NORMAL	03BDF04 AA001 X03 053/054	00BYD43 XH 006 AB	Be/2P R/2P	03BDF8007	UVG8ACV		2815		H/W 014
03BDF00	XW51	3 3kV CSY BD 2A MTR's DC	FAIL NORMAL	03BDF03 AA001 X03 017/018	00BYD43 XH 007 AB	Be/1P R/1P	03BDF8008	UVG4ACV		2816		H/W 015
03BDF00	XW52	3 3kV CSY BD 2A MTR's T/CCT	FAULT NORMAL	03BDF03 AA001 X03 019/020	00BYD43 XH 007 CD	Gy/1P Y/1P	03BDF8008	UVG4ACV		2817		H/W 016
03BDF00	XW53	3 3kV CSY BD 2A MTR's PROT	TRIP NORMAL	03BDF03 AA001 X03 023/024	00BYD43 XH 007 EF	Gn/1P Bn/1P	03BDF8008	UVG4ACV		2818		H/W 017
03BFN01	XW51	380V CSY SERV BD 2 DC	FAIL NORMAL	03BFN02 AA001 X05 137/138	00BYD43 XH 008 AB	Be/1P R /1P	03BFN8001	UVG4ACV		2819		H/W 018
03BFN00	XW54	380V CSY SERV BD 2A U/V	ALARM NORMAL	03BFN02 AA001 X05 170/171	00BYD43 XH 008 CD	Gy/1P Y/1P	03BFN8001	UVG4ACV	I 6 4	2843		H/W 042
04BBK01	XW51	22kV CSY DIST BD 4 CUB01 DC	FAIL NORMAL	04BBK01 AA001 X04 007/008	00BYD43 XH 009 AB	Be/1P R/1P	04BBK8003	UVG8ACV		2820		H/W 019

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH No IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
04BBK01 XW52	22kV CSY DIST BD 4 CUB01 T/CCT	FAULT NORMAL	04BBK01 AA001 X04 009/010	00BYD43 XH 009 CD	Gy/1P Y/1P	04BBK8003	UVG8ACV		2821		H/W 020
00BDT54 XW96	22kV CSY DIST BD 4 CUB01 OIL LVL	LOW NORMAL	04BBK01 AA001 X07 005/006	00BYD43 XH 009 EF	Gn/1P Bn/1P	04BBK8003	UVG8ACV		2822		H/W 021
00BDT54 XW55	22kV CSY DIST BD 4 CUB01 BUCH	ALARM NORMAL	04BBK01 AA001 X07 007/008	00BYD43 XH 009 GH	W/1P Bk/1P	04BBK8003	UVG8ACV		2823		H/W 022
00BDT54 XW57	22kV CSY DIST BD 4 CUB01 OIL/T	ALARM NORMAL	04BBK01 AA001 X07 009/010	00BYD43 XH 010 AB	Be/2P R/2P	04BBK8003	UVG8ACV		2824		H/W 023
00BDT54 XW56	22kV CSY DIST BD 4 CUB01 WDG/T	ALARM NORMAL	04BBK01 AA001 X07 011/012	00BYD43 XH 010 CD	Gy/2P Y/2P	04BBK8003	UVG8ACV		2825		H/W 024
04BDF01 XW51	3 3kV CSY SERV BD 2B CUB01 DC	FAIL NORMAL	04BDF01 AA001 X03 026/025	00BYD43 XH 011 AB	Be/1P R/1P	04BDF8004	UVG4ACV		2826		H/W 025
04BDF01 XW52	3 3kV CSY SERV BD 2B CUB01 T/CCT	FAULT NORMAL	04BDF01 AA001 X03 029/030	00BYD43 XH 011 CD	Gy/1P Y/1P	04BDF8004	UVG4ACV		2827		H/W 026
04BDF01 XW53	3 3kV CSY SERV BD 2B CUB01 PROT	TRIP NORMAL	04BDF01 AA001 X03 027/028	00BYD43 XH 011 EF	Gn/1P Bn/1P	04BDF8004	UVG4ACV		2828		H/W 027
04BDF02 XW51	3 3kV CSY SERV BD 2B CUB02 DC	FAIL NORMAL	04BDF02 AA001 X03 031/032	00BYD43 XH 012 AB	Be/1P R/1P	04BDF8006	UVG8ACV		2829		H/W 028
04BDF02 XW52	3 3kV CSY SERV BD 2B CUB02 T/CCT	FAULT NORMAL	04BDF02 AA001 X03 033/034	00BYD43 XH 012 CD	Gy/1P Y/1P	04BDF8006	UVG8ACV		2830		H/W 029
04BDF02 XW53	3 3kV CSY SERV BD 2B CUB02 PROT	TRIP NORMAL	04BDF02 AA001 X03 035/036	00BYD43 XH 012 EF	Gn/1P Bn/1P	04BDF8006	UVG8ACV		2831		H/W 030
00BFU14 XW55	3 3kV CSY SERV BD 2B CUB02 BUCH	ALARM NORMAL	04BDF02 AA001 X03 051/052	00BYD43 XH 012 GH	W/1P Bk/1P	04BDF8006	UVG8ACV		2832		H/W 031
00BFU14 XW57	3 3kV CSY SERV BD 2B CUB02 OIL/T	ALARM NORMAL	04BDF02 AA001 X03 053/054	00BYD43 XH 013 AB	Be/2P R/2P	04BDF8006	UVG8ACV		2833		H/W 032
04BDF00 XW51	3 3kV CSY BD 2B MTR's DC	FAIL NORMAL	04BDF03 AA001 X03 017/018	00BYD43 XH 014 AB	Be/1P R/1P	04BDF8007	UVG4ACV		2834		H/W 033
04BDF00 XW52	3 3kV CSY BD 2B MTR's T/CCT	FAULT NORMAL	04BDF03 AA001 X03 019/020	00BYD43 XH 014 CD	Gy/1P Y/1P	04BDF8007	UVG4ACV		2835		H/W 034
04BDF00 XW53	3 3kV CSY BD 2B MTR's PROT	TRIP NORMAL	04BDF03 AA001 X03 023/024	00BYD43 XH 014 EF	Gn/1P Bn/1P	04BDF8007	UVG4ACV		2836		H/W 035
04BFN00 XW54	380V CSY SERV BD 2B U/V	ALARM NORMAL	04BFN01 AA001 X05 170/171	00BYD43 XH 015 CD	Gy/1P Y/1P	04BFN8001	UVG4ACV	I 6 5	2844		H/W 043
00BTX11 EGOO1 XW58	CSY SUB 2 SAT POWER PACK SUP 1	FAIL NORMAL	00BTX11 AA001 X02 014/015	00BYD43 XH 017 AB	Be/1P R/1P	00BTX8001	UVG4ACV		2837		H/W 036
01BTX31 XW61	3 3kV CSY SERV BD 2A & 2B B T U	FAULTY NORMAL	01BTX31 AA001 X01 013/014	00BYD43 XH 018 AB	Be/1P R/1P	01BTX8003	UVG4ACV		2838		H/W 037
01BTX41 XW61	22kV CSY DIST BD 3 B T U	FAULTY NORMAL	01BTX41 AA001 X01 012/013	00BYD43 XH 019 AB	Be/1P R/1P	01BTX8004	UVG4ACV		2839		H/W 038
——	CSY 2 SPARE 2969	– –	–	–	–	–	–	S/W	2969		
——	CSY 2 SPARE 2907	– –	–	–	–	–	–	S/W	2907		Vir 106
——	CSY 2 SPARE 2908	– –	–	–	–	–	–	S/W	2908		Vir 107
——	CSY 2 SPARE 2909	– –	–	–	–	–	–	S/W	2909		Vir 108

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH No IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
____	CSY 2 SPARE 2910	–	–	–	–	–	–	S/W	2910		Vir 109
____	CSY 2 SPARE 2911	–	–	–	–	–	–	S/W	2911		Vir 110
____	CSY 2 SPARE 2912	–	–	–	–	–	–	S/W	2912		Vir 111
____	CSY 2 SPARE 2840	–	–	–	–	–	–	–	2840		H/W 039
____	CSY 2 SPARE 2845	–	–	–	–	–	–	–	2845		H/W 044
____	CSY 2 SPARE 2846	–	–	–	–	–	–	–	2846		H/W 045
____	CSY 2 SPARE 2847	–	–	–	–	–	–	–	2847		H/W 046
____	CSY 2 SPARE 2848	–	–	–	–	–	–	–	2848		H/W 047
____	CSY 2 SPARE 2849	–	–	–	–	–	–	–	2849		H/W 048
____	CSY 2 SPARE 2850	–	–	–	–	–	–	–	2850		H/W 049
____	CSY 2 SPARE 2851	–	–	–	–	–	–	–	2851		H/W 050
____	CSY 2 SPARE 2852	–	–	–	–	–	–	–	2852		H/W 051
____	CSY 2 SPARE 2853	–	–	–	–	–	–	–	2853		H/W 052
____	CSY 2 SPARE 2854	–	–	–	–	–	–	–	2854		H/W 053
____	CSY 2 SPARE 2855	–	–	–	–	–	–	–	2855		H/W 054
____	CSY 2 SPARE 2856	–	–	–	–	–	–	–	2856		H/W 055
____	CSY 2 SPARE 2857	–	–	–	–	–	–	–	2857		H/W 056
____	CSY 2 SPARE 2858	–	–	–	–	–	–	–	2858		H/W 057
____	CSY 2 SPARE 2883	–	–	–	–	–	–	–	2883		H/W 082
____	CSY 2 SPARE 2885	–	–	–	–	–	–	–	2885		H/W 084
____	CSY 2 SPARE 2886	–	–	–	–	–	–	–	2886		H/W 085
____	CSY 2 SPARE 2887	–	–	–	–	–	–	–	2887		H/W 086
____	CSY 2 SPARE 2888	–	–	–	–	–	–	–	2888		H/W 087
____	CSY 2 SPARE 2890	–	–	–	–	–	–	–	2890		H/W 089

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH No IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
——	CSY 2 SPARE 2891	–	–	–	–	–	–	–	2891		H/W 090
——	CSY 2 SPARE 2892	–	–	–	–	–	–	–	2892		H/W 091
——	CSY 2 SPARE 2893	–	–	–	–	–	–	–	2893		H/W 092
——	CSY 2 SPARE 2894	–	–	–	–	–	–	–	2894		H/W 093
——	CSY 2 SPARE 2895	–	–	–	–	–	–	–	2895		H/W 094
——	CSY 2 SPARE 2896	–	–	–	–	–	–	–	2896		H/W 095
——	CSY 2 SPARE 2916	–	–	–	–	–	–		2916		S/W 3 D 1 03
——	CSY 2 SPARE 2917	–	–	–	–	–	–		2917		S/W 4 D 1 04
——	CSY 2 SPARE 2918	–	–	–	–	–	–		2918		S/W 5 D 1 05
——	CSY 2 SPARE 2919	–	–	–	–	–	–		2919		S/W 6 D 1 06
——	CSY 2 SPARE 2920	–	–	–	–	–	–		2920		S/W 7 D 1 07
——	CSY 2 SPARE 2921	–	–	–	–	–	–		2921		S/W 8 D 1 08
——	CSY 2 SPARE 2922	–	–	–	–	–	–		2922		S/W 9 D 1 09
——	CSY 2 SPARE 2923	–	–	–	–	–	–		2923		S/W 10 D 1 10
——	CSY 2 SPARE 2924	–	–	–	–	–	–		2924		S/W 11 D 1 11
——	CSY 2 SPARE 2925	–	–	–	–	–	–		2925		S/W 12 D 1 12
——	CSY 2 SPARE 2926	–	–	–	–	–	–		2926		S/W 13 D 1 13
——	CSY 2 SPARE 2927	–	–	–	–	–	–		2927		S/W 14 D 1 14
——	CSY 2 SPARE 2928	–	–	–	–	–	–		2928		S/W 15 D 1 15
——	CSY 2 SPARE 2943	–	–	–	–	–	–		2943		S/W 30 D 2 14
——	CSY 2 SPARE 2944	–	–	–	–	–	–		2944		S/W 31 D 2 15
——	CSY 2 SPARE 2945	–	–	–	–	–	–		2945		S/W 32 D 3 00
——	CSY 2 SPARE 2946	–	–	–	–	–	–		2946		S/W 33 D 3 01
——	CSY 2 SPARE 2947	–	–	–	–	–	–		2947		S/W 34 D 3 02

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH No IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
——	CSY 2 SPARE 2948	–	–	–	–	–	–		2948		S/W 35 D 3 03