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 3 SPARE 3135								3135		S/W 52
	CSY 3 SPARE 3134								3134		S/W 51
	CSY 3 SPARE 3133								3133		S/W 50
	CSY 3 SPARE 3132								3132		S/W 49
	CSY 3 SPARE 3131								3131		S/W 48
00BYD47 EW002 XW00	HOUR PULSE							Q 66			
00BYD47 EW003 XW00	DAY PULSE							Q 67			
	CSY 3 SPARE 3136								3136		S/W 53
00BYD47 EW001 XW00	MINUTE PULSE							Q 65			
	CSY 3 SPARE 3138								3138		S/W 55
	CSY 3 SPARE 3137								3137		S/W 54
	CSY 3 SPARE 3139								3139		S/W 56
00BYD47 EW001 XW00	CSY 3 E490 MODULE	FAULT							3067		Vir 96
00BYD47 EW002 XW00	CSY 3 E490 MESSAGE MEMORY	FULL							3068		Vir 97
00BYD47 EW003 XW00	CSY 3 E490 POWER	FAILED							3069		Vir 98
00BYD47 EW004 XW00	CSY 3 E490 POWER	NORMAL							3070		Vir 99
00BYD47 EW005 XW00	CSY 3 E490 AUTOMATIC TEST	FAILED							3071		Vir 100
00BYD47 EW006 XW00	CSY 3 E490 DATE/TIME	UPDATED							3072		Vir 101
00BYD47 EW007 XW00	CSY 3 E490 UNIT	FAILED							3073		Vir 102
00BYD47 EW008 XW00	CSY 3 E490 UNIT	NORMAL							3074		Vir 103
00BYD47 EW009 XW00	CSY 3 E490 SYNCHRONISATION	FAILED							3075		Vir 104
00BYD47 EW010 XW00	CSY 3 E490 SYNCHRONISATION	NORMAL							3076		Vir 105
00BYD47 XW52	CSY 3 PLC BACKUP BAT VOLTS	LOW NORMAL							3084		S/W 0 D 1 00
00BYD47 XW51	CSY 3 PLC COOLING FAN	FAULT NORMAL						I 66	3083		S/W 1 D 1 01

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
00BYD47	XW02	CSY 3 PLC MCB TRIPPED	ALARM NORMAL						I 6 7	3085		S/W 2 D 1 02
05BBK01	XW88	22kV CSY DIST BD 5 CUB1 BKR OPEN	FAIL NORMAL							3099		S/W 16 D 2 00
05BBK01	XW89	22kV CSY DIST BD 5 CUB1 BKR CLSE	FAIL NORMAL							3100		S/W 17 D 2 01
06BBK01	XW88	22kV CSY DIST BD 6 CUB1 BKR OPEN	FAIL NORMAL							3101		S/W 18 D 2 02
06BBK01	XW89	22kV CSY DIST BD 6 CUB1 BKR CLSE	FAIL NORMAL							3102		S/W 19 D 2 03
05BDF02	XW88	3 3kV CSY SERV BD 3A 02 BKR OPEN	FAIL NORMAL							3103		S/W 20 D 2 04
05BDF02	XW89	3 3kV CSY SERV BD 3A 02 BKR CLSE	FAIL NORMAL							3104		S/W 21 D 2 05
05BDF07	XW88	3 3kV CSY SERV BD 3A 07 BKR OPEN	FAIL NORMAL							3105		S/W 22 D 2 06
05BDF07	XW89	3 3kV CSY SERV BD 3A 07 BKR CLSE	FAIL NORMAL							3106		S/W 23 D 2 07
05BDF08	XW88	3 3kV CSY SERV BD 3A 08 BKR OPEN	FAIL NORMAL							3107		S/W 24 D 2 08
05BDF08	XW89	3 3kV CSY SERV BD 3A 08 BKR CLSE	FAIL NORMAL							3108		S/W 25 D 2 09
05BDF09	XW88	3 3kV CSY SERV BD 3A 09 BKR OPEN	FAIL NORMAL							3109		S/W 26 D 2 10
05BDF09	XW89	3 3kV CSY SERV BD 3A 09 BKR CLSE	FAIL NORMAL							3110		S/W 27 D 2 11
06BDF01	XW88	3 3kV CSY SERV BD 3B 01 BKR OPEN	FAIL NORMAL							3111		S/W 28 D 2 12
06BDF01	XW89	3 3kV CSY SERV BD 3B 01 BKR CLSE	FAIL NORMAL							3112		S/W 29 D 2 13
06BDF02	XW88	3 3kV CSY SERV BD 3B 02 BKR OPEN	FAIL NORMAL							3113		S/W 30 D 2 14
06BDF02	XW89	3 3kV CSY SERV BD 3B 02 BKR CLSE	FAIL NORMAL							3114		S/W 31 D 2 15
06BDF07	XW88	3 3kV CSY SERV BD 3B 07 BKR OPEN	FAIL NORMAL							3115		S/W 32 D 3 00
06BDF07	XW89	3 3kV CSY SERV BD 3B 07 BKR CLSE	FAIL NORMAL							3116		S/W 33 D 3 01
		CSY 3 SPARE 3129								3129		S/W 46 D 3 14
05BBK01	YB92	22kV CSY DIST BD 5 CUB01 BKR	CLOSE	05BBK01 AA001 X03 038/039	00BYD47 XB 001 AB	Be/1P R/1P	05BBK8001	UVG8ACV	Q 4 0			———
05BBK01	YB91	22kV CSY DIST BD 5 CUB01 BKR	OPEN	05BBK01 AA001 X03 040/041	00BYD47 XB 001 CD	Gy/1P Y/1P	05BBK8001	UVG8ACV	Q 4 1			———
05BBK01	XB01	22kV CSY DIST BD 5 CUB01 BKR	OPENED CLOSED	05BBK01 AA001 X04 031/032	00BYD47 XB 001 EF	Gn/1P Bn/1P	05BBK8001	UVG8ACV	I 4 0	3029		H/W 058
05BBK01	XB51	22kV CSY DIST BD 5 CUB01	LOC/OFF REMOTE	05BBK01 AA001 X03 054/055	00BYD47 XB 001 GH	W/1P Bk/1P	05BBK8001	UVG8ACV	I 4 1	3030		H/W 059

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
05BDF09 YB92	3 3kV CSY SERV BD 3A CUB09 BKR	CLOSE	05BDF09 AA001 X02 007/008	00BYD47 XB 003 AB	Be/1P R/1P	05BDF8004	UVG8ACV	Q 4 2			———
05BDF09 YB91	3 3kV CSY SERV BD 3A CUB09 BKR	OPEN	05BDF09 AA001 X02 009/010	00BYD47 XB 003 CD	Gy/1P Y/1P	05BDF8004	UVG8ACV	Q 4 3			———
05BDF09 XB01	3 3kV CSY SERV BD 3A CUBO9 BKR	OPENED CLOSED	05BDF09 AA001 X02 027/028	00BYD47 XB 003 EF	Gn/1P Bn/1P	05BDF8004	UVG8ACV	I 4 2	3031		H/W 060
05BDF09 XB51	3 3kV CSY SERV BD 3A CUB09	LOC/OFF REMOTE	05BDF09 AA001 X02 038/039	00BYD47 XB 003 GH	W/1P Bk/1P	05BDF8004	UVG8ACV	I 4 3	3032		H/W 061
06BDF01 EW001 XB01	3 3kV CSY BD 3B BUSBAR E/S	ON OFF	05BDF09 AA001 X03 001/002	00BYD47 XB 004 AB	Be/2P R/2P	05BDF8004	UVG8ACV	I 7 0	3033		H/W 062
05BDF08 EW002 XB01	3 3kV CSY BD 3A BUSBAR ISOL	CLOSED OPENED	05BDF09 AA001 X03 009/031	00BYD47 XB 004 CD	Gy/2P Y/2P	05BDF8004	UVG8ACV	I 7 1	3034		H/W 063
05BDF08 EW001 XB01	3 3kV CSY BD 3A BUSBAR E/S	ON OFF	05BDF09 AA001 X02 041/042	00BYD47 XB 004 EF	Gn/2P Bn/2P	05BDF8004	UVG8ACV	I 7 2	3035		H/W 064
06BDF01 EW002 XB01	3 3kV CSY BD 3B BUSBAR ISOL	CLOSED OPENED	05BDF09 AA001 X03 010/032	00BYD47 XB 004 GH	W/2P Bk/2P	05BDF8004	UVG8ACV	I 7 3	3036		H/W 065
05BDF08 YB92	3 3kV CSY SERV BD 3A CUB08 BKR	CLOSE	05BDF08 AA001 X02 031/032	00BYD47 XB 005 AB	Be/1P R/1P	05BDF8002	UVG8ACV	Q 4 4			———
05BDF08 YB91	3 3kV CSY SERV BD 3A CUB08 BKR	OPEN	05BDF08 AA001 X02 033/034	00BYD47 XB 005 CD	Gy/1P Y/1P	05BDF8002	UVG8ACV	Q 4 5			———
05BDF08 XB01	3 3kV CSY SERV BD 3A CUBO8 BKR	OPENED CLOSED	05BDF08 AA001 X02 051/052	00BYD47 XB 005 EF	Gn/1P Bn/1P	05BDF8002	UVG8ACV	I 4 4	3037		H/W 066
05BDF08 XB51	3 3kV CSY SERV BD 3A CUB08	LOC/OFF REMOTE	05BDF08 AA001 X03 010/011	00BYD47 XB 005 GH	W/1P Bk/1P	05BDF8002	UVG8ACV	I 4 5	3038		H/W 067
05BDF08 EW002 XB01	3 3kV CSY BD 3A CUB08 CBL E/S	ON OFF	05BDF08 AA001 X03 013/014	00BYD47 XB 006 AB	Be/2P R/2P	05BDF8002	UVG8ACV	I 7 4	3039		H/W 068
05BDF08 EW003 XB01	3 3kV CSY BD 3A CUB08 ISOL	CLOSED OPENED	05BDF08 AA001 X02 060/061	00BYD47 XB 006 CD	Gy/2P Y/2P	05BDF8002	UVG8ACV	I 7 5	3040		H/W 069
05BDF07 YB92	3 3kV CSY SERV BD 3A CUB07 BKR	CLOSE	05BDF07 AA001 X02 027/028	00BYD47 XB 007 AB	Be/1P R/1P	05BDF8007	UVG8ACV	Q 4 6			———
05BDF07 YB91	3 3kV CSY SERV BD 3A CUB07 BKR	OPEN	05BDF07 AA001 X02 029/030	00BYD47 XB 007 CD	Gy/1P Y/1P	05BDF8007	UVG8ACV	Q 4 7			———
05BDF07 XB01	3 3kV CSY SERV BD 3A CUBO7 BKR	OPENED CLOSED	05BDF07 AA001 X02 047/048	00BYD47 XB 007 EF	Gn/1P Bn/1P	05BDF8007	UVG8ACV	I 4 6	3041		H/W 070
05BDF07 XB51	3 3kV CSY SERV BD 3A CUB07	LOC/OFF REMOTE	05BDF07 AA001 X03 010/011	00BYD47 XB 007 GH	W/1P Bk/1P	05BDF8007	UVG8ACV	I 4 7	3042		H/W 071
05BDF02 YB92	3 3kV CSY SERV BD 3A CUB02 BKR	CLOSE	05BDF02 AA001 X02 023/024	00BYD47 XB 009 AB	Be/1P R/1P	05BDF8009	UVG8ACV	Q 5 0			———
05BDF02 YB91	3 3kV CSY SERV BD 3A CUB02 BKR	OPEN	05BDF02 AA001 X02 025/026	00BYD47 XB 009 CD	Gy/1P Y/1P	05BDF8009	UVG8ACV	Q 5 1			———
05BDF02 XB01	3 3kV CSY SERV BD 3A CUBO2 BKR	OPENED CLOSED	05BDF02 AA001 X02 043/044	00BYD47 XB 009 EF	Gn/1P Bn/1P	05BDF8009	UVG8ACV	I 5 0	3043		H/W 072
05BDF02 XB51	3 3kV CSY SERV BD 3A CUB02	LOC/OFF REMOTE	03BDF02 AA001 X03 010/011	00BYD47 XB 009 GH	W/1P Bk/1P	05BDF8009	UVG8ACV	I 5 1	3044		H/W 073
05BFN01 XB01	380V CSY SERV BD 3A BKR CUB01	OPENED CLOSED	05BFN01 AA001 X05 128/129	00BYD47 XB 011 EF	Gn/1P Bn/1P	05BFN8002	UVG4ACV	I 8 0	3045		H/W 074
06BBK01 YB92	22kV CSY DIST BD 6 CUB01 BKR	CLOSE	06BBK01 AA001 X03 038/039	00BYD47 XB 012 AB	Be/1P R/1P	06BBK8001	UVG8ACV	Q 5 2			———

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
06BBK01 YB91	22kV CSY DIST BD 6 CUB01 BKR	OPEN	06BBK01 AA001 X03 040/041	00BYD47 XB 012 CD	Gy/1P Y/1P	06BBK8001	UVG8ACV	Q 5 3			———
06BBK01 XB01	22kV CSY DIST BD 6 CUB01 BKR	OPENED CLOSED	06BBK01 AA001 X04 031/032	00BYD47 XB 012 EF	Gn/1P Bn/1P	06BBK8001	UVG8ACV	I 5 2	3046		H/W 075
06BBK01 XB51	22kV CSY DIST BD 6 CUB01	LOC/OFF REMOTE	06BBK01 AA001 X03 054/055	00BYD47 XB 012 GH	W/1P Bk/1P	06BBK8001	UVG8ACV	I 5 3	3047		H/W 076
06BDF01 YB92	3 3kV CSY SERV BD 3B CUB01 BKR	CLOSE	06BDF01 AA001 X02 031/032	00BYD47 XB 014 AB	Be/1P R/1P	06BDF8001	UVG8ACV	Q 5 4			———
06BDF01 YB91	3 3kV CSY SERV BD 3B CUB01 BKR	OPEN	06BDF01 AA001 X02 033/034	00BYD47 XB 014 CD	Gy/1P Y/1P	06BDF8001	UVG8ACV	Q 5 5			———
06BDF01 XB01	3 3kV CSY SERV BD 3B CUBO1 BKR	OPENED CLOSED	06BDF01 AA001 X02 052/053	00BYD47 XB 014 EF	Gn/1P Bn/1P	06BDF8001	UVG8ACV	I 5 4	3048		H/W 077
06BDF01 XB51	3 3kV CSY SERV BD 3B CUB01	LOC/OFF REMOTE	06BDF01 AA001 X03 010/012	00BYD47 XB 014 GH	W/1P Bk/1P	06BDF8001	UVG8ACV	I 5 5	3049		H/W 078
06BDF01 EW002 XB01	3 3kV CSY BD 3B CUB01 CBL E/S	ON OFF	06BDF01 AA001 X03 013/014	00BYD47 XB 015 AB	Be/2P R/2P	06BDF8001	UVG8ACV	I 7 6	3050		H/W 079
06BDF01 EW003 XB01	3 3kV CSY BD 3B CUB01 ISOL	CLOSED OPENED	06BDF01 AA001 X02 060/061	00BYD47 XB 015 CD	Gy/2P Y/2P	06BDF8001	UVG8ACV	I 7 7	3051		H/W 080
06BDF02 YB92	3 3kV CSY SERV BD 3B CUB02 BKR	CLOSE	06BDF02 AA001 X02 027/028	00BYD47 XB 016 AB	Be/1P R/1P	06BDF8003	UVG4ACV	Q 5 6			———
06BDF02 YB91	3 3kV CSY SERV BD 3B CUB02 BKR	OPEN	06BDF02 AA001 X02 029/030	00BYD47 XB 016 CD	Gy/1P Y/1P	06BDF8003	UVG4ACV	Q 5 7			———
06BDF02 XB01	3 3kV CSY SERV BD 3B CUB02 BKR	OPENED CLOSED	06BDF02 AA001 X02 047/048	00BYD47 XB 016 EF	Gn/1P Bn/1P	06BDF8003	UVG4ACV	I 5 6	3052		H/W 081
06BDF02 XB51	3 3kV CSY SERV BD 3B CUB02	LOC/OFF REMOTE	06BDF02 AA001 X03 010/011	00BYD47 XB 016 GH	W/1P Bk/1P	06BDF8003	UVG4ACV	I 5 7	3053		H/W 082
06BDF07 YB92	3 3kV CSY SERV BD 3B CUB07 BKR	CLOSE	06BDF07 AA001 X02 023/024	00BYD47 XB 018 AB	Be/1P R/1P	06BDF8009	UVG8ACV	Q 6 0			———
06BDF07 YB91	3 3kV CSY SERV BD 3B CUB07 BKR	OPEN	06BDF07 AA001 X02 025/026	00BYD47 XB 018 CD	Gy/1P Y/1P	06BDF8009	UVG8ACV	Q 6 1			———
06BDF07 XB01	3 3kV CSY SERV BD 3B CUB07 BKR	OPENED CLOSED	06BDF07 AA001 X02 043/044	00BYD47 XB 018 EF	Gn/1P Bn/1P	06BDF8009	UVG8ACV	I 6 0	3054		H/W 083
06BDF07 XB51	3 3kV CSY SERV BD 3B CUB07	LOC/OFF REMOTE	06BDF07 AA001 X03 010/011	00BYD47 XB 018 GH	W/1P Bk/1P	06BDF8009	UVG8ACV	I 6 1	3055		H/W 084
06BFN01 XB01	380V CSY SERV BD 3B BKR CUB01	OPENED CLOSED	06BFN01 AA001 X05 128/129	00BYD47 XB 020 EF	Gn/1P Bn/1P	06BFN8002	UVG4ACV	I 8 1	3056		H/W 085
05BFN02 XB01	380V CSY SERV BD 3A BKR CUB02	OPENED CLOSED	05BFN02 AA001 X05 128/129	00BYD47 XB 021 EF	Gn/1P Bn/1P	05BFN8003	UVG4ACV	I 8 2	3057		H/W 086
05BBK00 XQ54	22kV CSY DIST BD 5 CUB01 VOLTS	0-5mA 0- 22KV	05BBK01 AA001 X07 001/002	00BYD47 XE 001 AB	Be/1P R/1P	05BBK8002	UVG4ACV	PW 128			
06BBK00 XQ54	22kV CSY DIST BD 6 CUB01 VOLTS	0-5mA 0- 22KV	06BBK01 AA001 X07 001/002	00BYD47 XE 002 AB	Be/1P R/1P	06BBK8002	UVG4ACV	PW 130			
05BDF00 XQ54	3 3kV CSY SERVICE BD 3A VOLTS	0-5mA 0- 3 3KV	05BDF08 AA001 X03 037/038	00BYD47 XE 003 AB	Be/1P R/1P	05BDF8003	UVG4ACV	PW 132			
05BDF08 XQ51	3 3kV CSY SERV BD 3A AMPS	0-5mA 0- 2000A	05BDF08 AA001 X03 035/036	00BYD47 XE 003 CD	Gy/1P Y/1P	05BDF8003	UVG4ACV	PW 134			
06BDF00 XQ54	3 3kV CSY SERVICE BD 3B VOLTS	0-5mA 0- 3 3KV	06BDF01 AA001 X03 037/038	00BYD47 XE 004 AB	Be/1P R/1P	06BDF8002	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
06BDF01	XQ51	3 3kV CSY SERV BD 3B AMPS	0-5mA 0- 2000A	06BDF01 AA001 X03 035/036	00BYD47 XE 004 CD	Gy/1P Y/1P	06BDF8002	UVG4ACV	PW 138			
05BBK01	XW51	22kV CSY DIST BD 5 CUB01 DC	FAIL NORMAL	05BBK01 AA001 X04 007/008	00BYD47 XH 001 AB	Be/1P R/1P	05BBK8003	UVG8ACV		2971		H/W 000
05BBK01	XW52	22kV CSY DIST BD 5 CUB01 T/CCT	FAULT NORMAL	05BBK01 AA001 X04 009/010	00BYD47 XH 001 CD	Gy/1P Y/1P	05BBK8003	UVG8ACV		2972		H/W 001
00BDT55	XW55	22kV CSY DIST BD 5 CUB01 BUCH	ALARM NORMAL	05BBK01 AA001 X07 007/008	00BYD47 XH 001 GH	W/1P Bk/1P	05BBK8003	UVG8ACV		2973		H/W 002
00BDT55	XW57	22kV CSY DIST BD 5 CUB01 OIL/T	ALARM NORMAL	05BBK01 AA001 X07 009/010	00BYD47 XH 002 AB	Be/2P R/2P	05BBK8003	UVG8ACV		2974		H/W 003
00BDT55	XW56	22kV CSY DIST BD 5 CUB01 WDG/T	ALARM NORMAL	05BBK01 AA001 X07 011/012	00BYD47 XH 002 CD	Gy/2P Y/2P	05BBK8003	UVG8ACV		2975		H/W 004
00BDT55	XW96	22kV CSY DIST BD 5 CUB01 OIL LVL	LOW NORMAL	05BBK01 AA001 X07 005/006	00BYD47 XH 002 EF	Gn/1P Bn/1P	05BBK8003	UVG8ACV		2976		H/W 005
05BDF09	XW51	3 3kV CSY SERV BD 3A CUB09 DC	FAIL NORMAL	05BDF09 AA001 X03 012/011	00BYD47 XH 003 AB	Be/1P R/1P	05BDF8005	UVG4ACV		2977		H/W 006
05BDF00	XW54	3 3kV CSY SERV BD 3A U/V	ALARM NORMAL	05BDF09 AA001 X03 015/016	00BYD47 XH 003 CD	Gy/1P Y/1P	05BDF8005	UVG4ACV	I 6 2	3017		H/W 046
06BDF00	XW54	3 3kV CSY SERV BD 3B U/V	ALARM NORMAL	05BDF09 AA001 X03 019/020	00BYD47 XH 003 EF	Gn/1P Bn/1P	05BDF8005	UVG4ACV	I 6 3	3018		H/W 047
05BDF08	XW51	3 3kV CSY SERV BD 3A CUB08 DC	FAIL NORMAL	05BDF08 AA001 X03 026/025	00BYD47 XH 004 AB	Be/1P R/1P	05BDF8006	UVG4ACV		2978		H/W 007
05BDF08	XW52	3 3kV CSY SERV BD 3A CUB08 T/CCT	FAULT NORMAL	05BDF08 AA001 X03 027/028	00BYD47 XH 004 CD	Gy/1P Y/1P	05BDF8006	UVG4ACV		2979		H/W 008
05BDF08	XW53	3 3kV CSY SERV BD 3A CUB08 PROT	TRIP NORMAL	05BDF08 AA001 X03 029/030	00BYD47 XH 004 EF	Gn/1P Bn/1P	05BDF8006	UVG4ACV		2980		H/W 009
05BDF07	XW51	3 3kV CSY SERV BD 3A CUB07 DC	FAIL NORMAL	05BDF07 AA001 X03 031/032	00BYD47 XH 005 AB	Be/1P R/1P	05BDF8008	UVG8ACV		2981		H/W 010
05BDF07	XW52	3 3kV CSY SERV BD 3A CUB07 T/CCT	FAULT NORMAL	05BDF07 AA001 X03 033/034	00BYD47 XH 005 CD	Gy/1P Y/1P	05BDF8008	UVG8ACV		2982		H/W 011
05BDF07	XW53	3 3kV CSY SERV BD 3A CUB07 PROT	TRIP NORMAL	05BDF07 AA001 X03 035/036	00BYD47 XH 005 EF	Gn/1P Bn/1P	05BDF8008	UVG8ACV		2983		H/W 012
00BFU15	XW55	3 3kV CSY SERV BD 3A CUB07 BUCH	ALARM NORMAL	05BDF07 AA001 X03 051/052	00BYD47 XH 005 GH	W/1P Bk/1P	05BDF8008	UVG8ACV		2984		H/W 013
00BFU15	XW57	3 3kV CSY SERV BD 3A CUB07 OIL/T	ALARM NORMAL	05BDF07 AA001 X03 053/054	00BYD47 XH 006 AB	Be/2P R/2P	05BDF8008	UVG8ACV		2985		H/W 014
05BDF02	XW51	3 3kV CSY SERV BD 3A CUB02 DC	FAIL NORMAL	05BDF02 AA001 X03 031/032	00BYD47 XH 007 AB	Be/1P R/1P	05BDF8010	UVG4ACV		2986		H/W 015
05BDF02	XW52	3 3kV CSY SERV BD 3A CUB02 T/CCT	FAULT NORMAL	05BDF02 AA001 X03 033/034	00BYD47 XH 007 CD	Gy/1P Y/1P	05BDF8010	UVG4ACV		2987		H/W 016
05BDF02	XW53	3 3kV CSY SERV BD 3A CUB02 PROT	TRIP NORMAL	05BDF02 AA001 X03 035/036	00BYD47 XH 007 EF	Gn/1P Bn/1P	05BDF8010	UVG4ACV		2988		H/W 017
05BDF00	XW51	3 3kV CSY BD 3A MTR's DC	FAIL NORMAL	05BDF06 AA001 X03 017/018	00BYD47 XH 008 AB	Be/1P R/1P	05BDF8011	UVG4ACV		2989		H/W 018
05BDF00	XW52	3 3kV CSY BD 3A MTR's T/CCT	FAULT NORMAL	05BDF06 AA001 X03 019/020	00BYD47 XH 008 CD	Gy/1P Y/1P	05BDF8011	UVG8ACV		2990		H/W 019
05BDF00	XW53	3 3kV CSY BD 3A MTR's PROT	TRIP NORMAL	05BDF06 AA001 X03 023/024	00BYD47 XH 008 EF	Gn/1P Bn/1P	05BDF8011	UVG4ACV		2991		H/W 020

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
05BFN00	XW51	380V CSY SERV BD 3 DC	FAIL NORMAL	05BFN02 AA001 X05 137/138	00BYD47 XH 009 AB	Be/1P R/1P	05BFN8001	UVG4ACV		2992		H/W 021
05BFN00	XW54	380V CSY SERV BD 3A U/V	ALARM NORMAL	05BFN02 AA001 X05 170/171	00BYD47 XH 009 CD	Gy/1P Y/1P	05BFN8001	UVG4ACV	I 6 4	3019		H/W 048
06BBK01	XW51	22kV CSY DIST BD 6 CUB01 DC	FAIL NORMAL	06BBK01 AA001 X04 007/008	00BYD47 XH 010 AB	Be/1P R/1P	06BBK8003	UVG8ACV		2993		H/W 022
06BBK01	XW52	22kV CSY DIST BD 6 CUB01 T/CCT	FAULT NORMAL	06BBK01 AA001 X04 009/010	00BYD47 XH 010 CD	Gy/1P Y/1P	06BBK8003	UVG8ACV		2994		H/W 023
00BDT56	XW96	22kV CSY DIST BD 6 CUB01 OIL LVL	LOW NORMAL	06BBK01 AA001 X07 005/006	00BYD47 XH 010 EF	Gn/1P Bn/1P	06BBK8003	UVG8ACV		2995		H/W 024
00BDT56	XW55	22kV CSY DIST BD 6 CUB01 BUCH	ALARM NORMAL	06BBK01 AA001 X07 007/008	00BYD47 XH 010 GH	W/1P Bk/1P	06BBK8003	UVG8ACV		2996		H/W 025
00BDT56	XW57	22kV CSY DIST BD 6 CUB01 OIL/T	ALARM NORMAL	06BBK01 AA001 X07 009/010	00BYD47 XH 011 AB	Be/2P R/2P	06BBK8003	UVG8ACV		2997		H/W 026
00BDT56	XW56	22kV CSY DIST BD 6 CUB01 WDG/T	ALARM NORMAL	06BBK01 AA001 X07 011/012	00BYD47 XH 011 CD	Gy/2P Y/2P	06BBK8003	UVG8ACV		2998		H/W 027
06BDF01	XW51	3 3kV CSY SERV BD 3B CUB01 DC	FAIL NORMAL	06BDF01 AA001 X03 026/025	00BYD47 XH 012 AB	Be/1P R/1P	06BDF8005	UVG4ACV		2999		H/W 028
06BDF01	XW52	3 3kV CSY SERV BD 3B CUB01 T/CCT	FAULT NORMAL	06BDF01 AA001 X03 029/030	00BYD47 XH 012 CD	Gy/1P Y/1P	06BDF8005	UVG4ACV		3000		H/W 029
06BDF01	XW53	3 3kV CSY SERV BD 3B CUB01 PROT	TRIP NORMAL	06BDF01 AA001 X03 027/028	00BYD47 XH 012 EF	Gn/1P Bn/1P	06BDF8005	UVG4ACV		3001		H/W 030
06BDF02	XW51	3 3kV CSY SERV BD 3B CUB02 DC	FAIL NORMAL	06BDF02 AA001 X03 031/032	00BYD47 XH 013 AB	Be/1P R/1P	06BDF8004	UVG8ACV		3002		H/W 031
06BDF02	XW52	3 3kV CSY SERV BD 3B CUB02 T/CCT	FAULT NORMAL	06BDF02 AA001 X03 033/034	00BYD47 XH 013 CD	Gy/1P Y/1P	06BDF8004	UVG8ACV		3003		H/W 032
06BDF02	XW53	3 3kV CSY SERV BD 3B CUB02 PROT	TRIP NORMAL	06BDF02 AA001 X03 035/036	00BYD47 XH 013 EF	Gn/1P Bn/1P	06BDF8004	UVG8ACV		3004		H/W 033
00BFU16	XW55	3 3kV CSY SERV BD 3B CUB02 BUCH	ALARM NORMAL	06BDF02 AA001 X03 051/052	00BYD47 XH 013 GH	W/1P Bk/1P	06BDF8004	UVG8ACV		3005		H/W 034
00BFU16	XW57	3 3kV CSY SERV BD 3B CUB02 OIL/T	ALARM NORMAL	06BDF02 AA001 X03 053/054	00BYD47 XH 014 AB	Be/2P R/2P	06BDF8004	UVG8ACV		3006		H/W 035
06BDF00	XW51	3 3kV CSY BD 3B MTR's DC	FAIL NORMAL	06BDF03 AA001 X03 017/018	00BYD47 XH 015 AB	Be/1P R/1P	06BDF8007	UVG4ACV		3007		H/W 036
06BDF00	XW52	3 3kV CSY BD 3B MTR's T/CCT	FAULT NORMAL	06BDF03 AA001 X03 019/020	00BYD47 XH 015 CD	Gy/1P Y/1P	06BDF8007	UVG4ACV		3008		H/W 037
06BDF00	XW53	3 3kV CSY BD 3B MTR's PROT	TRIP NORMAL	06BDF03 AA001 X03 023/024	00BYD47 XH 015 EF	Gn/1P Bn/1P	06BDF8007	UVG4ACV		3009		H/W 038
06BDF07	XW51	3 3kV CSY SERV BD 3B CUB07 DC	FAIL NORMAL	06BDF07 AA001 X03 031/032	00BYD47 XH 016 AB	Be/1P R/1P	06BDF8006	UVG4ACV		3010		H/W 039
06BDF07	XW52	3 3kV CSY SERV BD 3B CUB07 T/CCT	FAULT NORMAL	06BDF07 AA001 X03 033/034	00BYD47 XH 016 CD	Gy/1P Y/1P	06BDF8006	UVG4ACV		3011		H/W 040
06BDF07	XW53	3 3kV CSY SERV BD 3B CUB07 PROT	TRIP NORMAL	06BDF07 AA001 X03 035/036	00BYD47 XH 016 EF	Gn/1P Bn/1P	06BDF8006	UVG4ACV		3012		H/W 041
06BFN00	XW54	380V CSY SERV BD 3B U/V	ALARM NORMAL	06BFN01 AA001 X05 170/171	00BYD47 XH 017 CD	Gy/1P Y/1P	06BFN8001	UVG4ACV	I 6 5	3020		H/W 049
01BTX51	XW61	3 3kV CSY SERV BD 3A & 3B B T U	FAULTY NORMAL	01BTX51 AA001 X01 012/013	00BYD47 XH 018 AB	Be/1P R/1P	01BTX8005	UVG4ACV		3013		H/W 042

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
01BTX61 XW61	22kV CSY DIST BD 5 B T U	FAULTY NORMAL	01BTX61 AA001 X01 012/013	00BYD47 XH 019 AB	Be/1P R/1P	01BTX8006	UVG4ACV		3014		H/W 043
00BTX21 XW58	CSY SUB 3 SAT POWER PACK SUP 1	FAIL NORMAL	00BTX21 AA001 X02 014/015	00BYD47 XH 021 AB	Be/1P R/1P	00BTX8002	UVG4ACV		3016		H/W 045
____	CSY 3 ALARM START AREA	–	–	–	–	–	–	–	2970		
____	CSY 3 SPARE 3077	–	–	–	–	–	–		3077		Vir 106
____	CSY 3 SPARE 3078	–	–	–	–	–	–		3078		Vir 107
____	CSY 3 SPARE 3079	–	–	–	–	–	–		3079		Vir 108
____	CSY 3 SPARE 3080	–	–	–	–	–	–		3080		Vir 109
____	CSY 3 SPARE 3081	–	–	–	–	–	–		3081		Vir 110
____	CSY 3 SPARE 3082	–	–	–	–	–	–		3082		Vir 111
____	CSY 3 SPARE 3015	–	–	–	–	–	–	–	3015		H/W 044
____	CSY 3 SPARE 3021	–	–	–	–	–	–	–	3021		H/W 050
____	CSY 3 SPARE 3022	–	–	–	–	–	–	–	3022		H/W 051
____	CSY 3 SPARE 3023	–	–	–	–	–	–	–	3023		H/W 052
____	CSY 3 SPARE 3024	–	–	–	–	–	–	–	3024		H/W 053
____	CSY 3 SPARE 3025	–	–	–	–	–	–	–	3025		H/W 054
____	CSY 3 SPARE 3026	–	–	–	–	–	–	–	3026		H/W 055
____	CSY 3 SPARE 3027	–	–	–	–	–	–	–	3027		H/W 056
____	CSY 3 SPARE 3028	–	–	–	–	–	–	–	3028		H/W 057
____	CSY 3 SPARE 3058	–	–	–	–	–	–	–	3058		H/W 087
____	CSY 3 SPARE 3059	–	–	–	–	–	–	–	3059		H/W 088
____	CSY 3 SPARE 3060	–	–	–	–	–	–	–	3060		H/W 089
____	CSY 3 SPARE 3061	–	–	–	–	–	–	–	3061		H/W 090
____	CSY 3 SPARE 3062	–	–	–	–	–	–	–	3062		H/W 091
____	CSY 3 SPARE 3063	–	–	–	–	–	–	–	3063		H/W 092

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 3 SPARE 3064	–	–	–	–	–	–	–	3064		H/W 093
____	CSY 3 SPARE 3065	–	–	–	–	–	–	–	3065		H/W 094
____	CSY 3 SPARE 3066	–	–	–	–	–	–	–	3066		H/W 095
____	CSY 3 SPARE 3086	–	–	–	–	–	–		3086		S/W 3 D 1 03
____	CSY 3 SPARE 3087	–	–	–	–	–	–		3087		S/W 4 D 1 04
____	CSY 3 SPARE 3088	–	–	–	–	–	–		3088		S/W 5 D 1 05
____	CSY 3 SPARE 3089	–	–	–	–	–	–		3089		S/W 6 D 1 06
____	CSY 3 SPARE 3090	–	–	–	–	–	–		3090		S/W 7 D 1 07
____	CSY 3 SPARE 3091	–	–	–	–	–	–		3091		S/W 8 D 1 08
____	CSY 3 SPARE 3092	–	–	–	–	–	–		3092		S/W 9 D 1 09
____	CSY 3 SPARE 3093	–	–	–	–	–	–		3093		S/W 10 D 1 10
____	CSY 3 SPARE 3094	–	–	–	–	–	–		3094		S/W 11 D 1 11
____	CSY 3 SPARE 3095	–	–	–	–	–	–		3095		S/W 12 D 1 12
____	CSY 3 SPARE 3096	–	–	–	–	–	–		3096		S/W 13 D 1 13
____	CSY 3 SPARE 3097	–	–	–	–	–	–		3097		S/W 14 D 1 14
____	CSY 3 SPARE 3098	–	–	–	–	–	–		3098		S/W 15 D 1 15
____	CSY 3 SPARE 3117	–	–	–	–	–	–		3117		S/W 34 D 3 02
____	CSY 3 SPARE 3118	–	–	–	–	–	–		3118		S/W 35 D 3 03
____	CSY 3 SPARE 3119	–	–	–	–	–	–		3119		S/W 36 D 3 04
____	CSY 3 SPARE 3120	–	–	–	–	–	–		3120		S/W 37 D 3 05
____	CSY 3 SPARE 3121	–	–	–	–	–	–		3121		S/W 38 D 3 06
____	CSY 3 SPARE 3122	–	–	–	–	–	–		3122		S/W 39 D 3 07
____	CSY 3 SPARE 3123	–	–	–	–	–	–		3123		S/W 40 D 3 08
____	CSY 3 SPARE 3124	–	–	–	–	–	–		3124		S/W 41 D 3 09

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 3 SPARE 3125	_	_	_	_	_	_		3125		S/W 42 D 3 10
____	CSY 3 SPARE 3126	_	_	_	_	_	_		3126		S/W 43 D 3 11
____	CSY 3 SPARE 3127	_	_	_	_	_	_		3127		S/W 44 D 3 12
____	CSY 3 SPARE 3128	_	_	_	_	_	_		3128		S/W 45 D 3 13
____	CSY 3 SPARE 3130	_	_	_	_	_	_		3130		S/W 47 D 3 15