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 1 SPARE 2797								2797		S/W 54
	CSY 1 SPARE 2796								2796		S/W 53
	CSY 1 SPARE 2795								2795		S/W 52
	CSY 1 SPARE 2794								2794		S/W 51
	CSY 1 SPARE 2793								2793		S/W 50
	CSY 1 SPARE 2792								2792		S/W 49
	CSY 1 SPARE 2791								2791		S/W 48
	CSY 1 SPARE 2798								2798		S/W 55
00BYD39 EW001 XW00	MINUTE PULSE							Q 6 5			
00BYD39 EW002 XW00	HOUR PULSE							Q 6 6			
00BYD39 EW003 XW00	DAY PULSE							Q 6 7			
	CSY 1 SPARE 2799								2799		S/W 56
00BYD39 EW001 XW00	CSY 1 E490 MODULE	FAULT							2727		Vir 96
00BYD39 EW002 XW00	CSY 1 E490 MESSAGE MEMORY	FULL							2728		Vir 97
00BYD39 EW003 XW00	CSY 1 E490 POWER	FAILED							2729		Vir 98
00BYD39 EW004 XW00	CSY 1 E490 POWER	NORMAL							2730		Vir 99
00BYD39 EW005 XW00	CSY 1 E490 AUTOMATIC TEST	FAILED							2731		Vir 100
00BYD39 EW006 XW00	CSY 1 E490 DATE/TIME	UPDATED							2732		Vir 101
00BYD39 EW007 XW00	CSY 1 E490 UNIT	FAILED							2733		Vir 102
00BYD39 EW008 XW00	CSY 1 E490 UNIT	NORMAL							2734		Vir 103
00BYD39 EW009 XW00	CSY 1 E490 SYNCHRONISATION	FAILED							2735		Vir 104
00BYD39 EW010 XW00	CSY 1 E490 SYNCHRONISATION	NORMAL							2736		Vir 105
	CSY 1 SPARE 2684								2684		H/W 053
	CSY 1 SPARE 2719								2719		H/W 088

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
00BYD39	XW51	CSY 1 PLC COOLING FAN	FAULT NORMAL						I 9 0	2743		S/W 0 D 1 00
00BYD39	XW52	CSY 1 PLC BACKUP BAT VOLTS	LOW NORMAL							2744		S/W 1 D 1 01
00BYD39	XW02	CSY 1 PLC MCB TRIPPED	ALARM NORMAL						I 9 1	2745		S/W 2 D 1 02
01BBK01	XW88	22kV CSY DIST BD 1 CUB1 BKR OPEN	FAIL NORMAL							2759		S/W 16 D 2 00
01BBK01	XW89	22kV CSY DIST BD 1 CUB1 BKR CLSE	FAIL NORMAL							2760		S/W 17 D 2 01
02BBK01	XW88	22kV CSY DIST BD 2 CUB1 BKR OPEN	FAIL NORMAL							2761		S/W 18 D 2 02
02BBK01	XW89	22kV CSY DIST BD 2 CUB1 BKR CLSE	FAIL NORMAL							2762		S/W 19 D 2 03
01BDF06	XW88	3 3kV CSY SERV BD 1A 06 BKR OPEN	FAIL NORMAL							2763		S/W 20 D 2 04
01BDF06	XW89	3 3kV CSY SERV BD 1A 06 BKR CLSE	FAIL NORMAL							2764		S/W 21 D 2 05
01BDF07	XW88	3 3kV CSY SERV BD 1A 07 BKR OPEN	FAIL NORMAL							2765		S/W 22 D 2 06
01BDF07	XW89	3 3kV CSY SERV BD 1A 07 BKR CLSE	FAIL NORMAL							2766		S/W 23 D 2 07
01BDF08	XW88	3 3kV CSY SERV BD 1A 08 BKR OPEN	FAIL NORMAL							2767		S/W 24 D 2 08
01BDF08	XW89	3 3kV CSY SERV BD 1A 08 BKR CLSE	FAIL NORMAL							2768		S/W 25 D 2 09
01BDF09	XW88	3 3kV CSY SERV BD 1A 09 BKR OPEN	FAIL NORMAL							2769		S/W 26 D 2 10
01BDF09	XW89	3 3kV CSY SERV BD 1A 09 BKR CLSE	FAIL NORMAL							2770		S/W 27 D 2 11
02BDF01	XW88	3 3kV CSY SERV BD 1B 01 BKR OPEN	FAIL NORMAL							2771		S/W 28 D 2 12
02BDF01	XW89	3 3kV CSY SERV BD 1B 01 BKR CLSE	FAIL NORMAL							2772		S/W 29 D 2 13
02BDF02	XW88	3 3kV CSY SERV BD 1B 02 BKR OPEN	FAIL NORMAL							2773		S/W 30 D 2 14
02BDF02	XW89	3 3kV CSY SERV BD 1B 02 BKR CLSE	FAIL NORMAL							2774		S/W 31 D 2 15
02BDF03	XW88	3 3kV CSY SERV BD 1B 03 BKR OPEN	FAIL NORMAL							2775		S/W 32 D 3 00
02BDF03	XW89	3 3kV CSY SERV BD 1B 03 BKR CLSE	FAIL NORMAL							2776		S/W 33 D 3 01
02BDF08	XW88	3 3kV CSY SERV BD 1B 08 BKR OPEN	FAIL NORMAL							2777		S/W 34 D 3 02
02BDF08	XW89	3 3kV CSY SERV BD 1B 08 BKR CLSE	FAIL NORMAL							2778		S/W 35 D 3 03
		CSY 1 SPARE 2790								2790		S/W 36 D 3 15

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
01BBK01 YB92	22kV CSY DIST BD 1 CUB01 BKR	CLOSE	01BBK01 AA001 X03 038/039	00BYD39 XB 001 AB	Be/1P R/1P	01BBK8001	UVG8ACV	Q 4 0			———
01BBK01 YB91	22kV CSY DIST BD 1 CUB01 BKR	OPEN	01BBK01 AA001 X03 040/041	00BYD39 XB 001 CD	Gy/1P Y/1P	01BBK8001	UVG8ACV	Q 4 1			———
01BBK01 XB01	22kV CSY DIST BD 1 CUB01 BKR	OPENED CLOSED	01BBK01 AA001 X04 031/032	00BYD39 XB 001 EF	Gn/1P Bn/1P	01BBK8001	UVG8ACV	I 4 0	2689		H/W 058
01BBK01 XB51	22kV CSY DIST BD 1 CUB01	LOC/OFF REMOTE	01BBK01 AA001 X03 054/055	00BYD39 XB 001 GH	W/1P Bk/1P	01BBK8001	UVG8ACV	I 4 1	2690		H/W 059
01BDF06 YB92	3 3kV CSY SERV BD 1A CUB06 BKR	CLOSE	01BDF06 AA001 X02 023/024	00BYD39 XB 003 AB	Be/1P R/1P	01BDF8001	UVG8ACV	Q 4 2			———
01BDF06 YB91	3 3kV CSY SERV BD 1A CUB06 BKR	OPEN	01BDF06 AA001 X02 025/026	00BYD39 XB 003 CD	Gy/1P Y/1P	01BDF8001	UVG8ACV	Q 4 3			———
01BDF06 EW001 XB01	3 3kV CSY SERV BD 1A CUBO6 BKR	OPENED CLOSED	01BDF06 AA001 X02 043/044	00BYD39 XB 003 EF	Gn/1P Bn/1P	01BDF8001	UVG8ACV	I 4 2	2691		H/W 060
01BDF06 XB51	3 3kV CSY SERV BD 1A CUB06	LOC/OFF REMOTE	01BDF06 AA001 X03 010/011	00BYD39 XB 003 GH	W/1P Bk/1P	01BDF8001	UVG8ACV	I 4 3	2692		H/W 061
01BDF07 YB92	3 3kV CSY SERV BD 1A CUB07 BKR	CLOSE	01BDF07 AA001 X02 027/028	00BYD39 XB 005 AB	Be/1P R/1P	01BDF8002	UVG8ACV	Q 4 4			———
01BDF07 YB91	3 3kV CSY SERV BD 1A CUB07 BKR	OPEN	01BDF07 AA001 X02 029/030	00BYD39 XB 005 CD	Gy/1P Y/1P	01BDF8002	UVG8ACV	Q 4 5			———
01BDF07 XB01	3 3kV CSY SERV BD 1A CUBO7 BKR	OPENED CLOSED	01BDF07 AA001 X02 047/048	00BYD39 XB 005 EF	Gn/1P Bn/1P	01BDF8002	UVG8ACV	I 4 4	2693		H/W 062
01BDF07 XB51	3 3kV CSY SERV BD 1A CUB07	LOC/OFF REMOTE	01BDF07 AA001 X03 010/011	00BYD39 XB 005 GH	W/1P Bk/1P	01BDF8002	UVG8ACV	I 4 5	2694		H/W 063
01BDF09 YB92	3 3kV CSY SERV BD 1A CUB09 BKR	CLOSE	01BDF09 AA001 X02 007/008	00BYD39 XB 007 AB	Be/1P R/1P	01BDF8005	UVG8ACV	Q 4 6			———
01BDF09 YB91	3 3kV CSY SERV BD 1A CUB09 BKR	OPEN	01BDF09 AA001 X02 009/010	00BYD39 XB 007 CD	Gy/1P Y/1P	01BDF8005	UVG8ACV	Q 4 7			———
01BDF09 XB01	3 3kV CSY SERV BD 1A CUBO9 BKR	OPENED CLOSED	01BDF09 AA001 X02 027/028	00BYD39 XB 007 EF	Gn/1P Bn/1P	01BDF8005	UVG8ACV	I 4 6	2695		H/W 064
01BDF09 XB51	3 3kV CSY SERV BD 1A CUB09	LOC/OFF REMOTE	01BDF09 AA001 X02 038/039	00BYD39 XB 007 GH	W/1P Bk/1P	01BDF8005	UVG8ACV	I 4 7	2696		H/W 065
02BDF01 EW001 XB01	3 3kV CSY SERV BD 1B BUSBAR E/S	ON OFF	01BDF09 AA001 X03 001/002	00BYD39 XB 008 AB	Be/2P R/2P	01BDF8005	UVG8ACV	I 7 0	2697		H/W 066
01BDF08 EW002 XB01	3 3kV CSY SERV BD 1A BUSBAR ISOL	CLOSED OPENED	01BDF09 AA001 X03 009/031	00BYD39 XB 008 CD	Gy/2P Y/2P	01BDF8005	UVG8ACV	I 7 1	2698		H/W 067
01BDF08 EW001 XB01	3 3kV CSY SERV BD 1A BUSBAR E/S	ON OFF	01BDF09 AA001 X02 041/042	00BYD39 XB 008 EF	Gn/2P Bn/2P	01BDF8005	UVG8ACV	I 7 2	2699		H/W 068
02BDF01 EW002 XB01	3 3kV CSY SERV BD 1B BUSBAR ISOL	CLOSED OPENED	01BDF09 AA001 X03 010/032	00BYD39 XB 008 GH	W/2P Bk/2P	01BDF8005	UVG8ACV	I 7 3	2700		H/W 069
01BDF08 YB92	3 3kV CSY SERV BD 1A CUB08 BKR	CLOSE	01BDF08 AA001 X02 031/032	00BYD39 XB 009 AB	Be/1P R/1P	01BDF8011	UVG8ACV	Q 5 0			———
01BDF08 YB91	3 3kV CSY SERV BD 1A CUB08 BKR	OPEN	01BDF08 AA001 X02 033/034	00BYD39 XB 009 CD	Gy/1P Y/1P	01BDF8011	UVG8ACV	Q 5 1			———
01BDF08 XB01	3 3kV CSY SERV BD 1A CUBO8 BKR	OPENED CLOSED	01BDF08 AA001 X02 051/052	00BYD39 XB 009 EF	Gn/1P Bn/1P	01BDF8011	UVG8ACV	I 5 0	2701		H/W 070
01BDF08 XB51	3 3kV CSY SERV BD 1A CUB08	LOC/OFF REMOTE	01BDF08 AA001 X03 010/011	00BYD39 XB 009 GH	W/1P Bk/1P	01BDF8011	UVG8ACV	I 5 1	2702		H/W 071

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
01BDF08 EW002 XB01	3 3kV CSY BD 1A CUB08 CBL E/S	ON OFF	01BDF08 AA001 X03 013/014	00BYD39 XB 010 AB	Be/2P R/2P	01BDF8011	UVG8ACV	I 7 4	2703		H/W 072
01BDF08 EW003 XB01	3 3kV CSY BD 1A CUB08 ISOL	CLOSED OPENED	01BDF08 AA001 X02 060/061	00BYD39 XB 010 CD	Gy/2P Y/2P	01BDF8011	UVG8ACV	I 7 5	2704		H/W 073
02BBK01 YB92	22kV CSY DIST BD 2 CUB01 BKR	CLOSE	02BBK01 AA001 X03 038/039	00BYD39 XB 011 AB	Be/1P R/1P	02BBK8001	UVG8ACV	Q 5 2			———
02BBK01 YB91	22kV CSY DIST BD 2 CUB01 BKR	OPEN	02BBK01 AA001 X03 040/041	00BYD39 XB 011 CD	Gy/1P Y/1P	02BBK8001	UVG8ACV	Q 5 3			———
02BBK01 XB01	22kV CSY DIST BD 2 CUB01 BKR	OPENED CLOSED	02BBK01 AA001 X04 031/032	00BYD39 XB 011 EF	Gn/1P Bn/1P	02BBK8001	UVG8ACV	I 5 2	2705		H/W 074
02BBK01 XB51	22kV CSY DIST BD 2 CUB01	LOC/OFF REMOTE	02BBK01 AA001 X03 054/055	00BYD39 XB 011 GH	W/1P Bk/1P	02BBK8001	UVG8ACV	I 5 3	2706		H/W 075
02BDF01 YB92	3 3kV CSY SERV BD 1B CUB01 BKR	CLOSE	02BDF01 AA001 X02 031/032	00BYD39 XB 013 AB	Be/1P R/1P	02BDF8001	UVG8ACV	Q 5 4			———
02BDF01 YB91	3 3kV CSY SERV BD 1B CUB01 BKR	OPEN	02BDF01 AA001 X02 033/034	00BYD39 XB 013 CD	Gy/1P Y/1P	02BDF8001	UVG8ACV	Q 5 5			———
02BDF01 XB01	3 3kV CSY SERV BD 1B CUBO1 BKR	OPENED CLOSED	02BDF01 AA001 X02 051/052	00BYD39 XB 013 EF	Gn/1P Bn/1P	02BDF8001	UVG8ACV	I 5 4	2707		H/W 076
02BDF01 XB51	3 3kV CSY SERV BD 1B CUB01	LOC/OFF REMOTE	02BDF01 AA001 X03 010/011	00BYD39 XB 013 GH	W/1P Bk/1P	02BDF8001	UVG8ACV	I 5 5	2708		H/W 077
02BDF01 EW002 XB01	3 3kV CSY BD 1B CUB01 CBL E/S	ON OFF	02BDF01 AA001 X03 013/014	00BYD39 XB 014 AB	Be/2P R/2P	02BDF8001	UVG8ACV	I 7 6	2709		H/W 078
02BDF01 EW003 XB01	3 3kV CSY BD 1B CUB01 ISOL	CLOSED OPENED	02BDF01 AA001 X02 060/061	00BYD39 XB 014 CD	Gy/2P Y/2P	02BDF8001	UVG8ACV	I 7 7	2710		H/W 079
02BDF02 YB92	3 3kV CSY SERV BD 1B CUB02 BKR	CLOSE	02BDF02 AA001 X02 027/028	00BYD39 XB 015 AB	Be/1P R/1P	02BDF8003	UVG8ACV	Q 5 6			———
02BDF02 YB91	3 3kV CSY SERV BD 1B CUB02 BKR	OPEN	02BDF02 AA001 X02 029/030	00BYD39 XB 015 CD	Gy/1P Y/1P	02BDF8003	UVG8ACV	Q 5 7			———
02BDF02 XB01	3 3kV CSY SERV BD 1B CUBO2 BKR	OPENED CLOSED	02BDF02 AA001 X02 047/048	00BYD39 XB 015 EF	Gn/1P Bn/1P	02BDF8003	UVG8ACV	I 5 6	2711		H/W 080
02BDF02 XB51	3 3kV CSY SERV BD 1B CUB02	LOC/OFF REMOTE	02BDF02 AA001 X03 010/011	00BYD39 XB 015 GH	W/1P Bk/1P	02BDF8003	UVG8ACV	I 5 7	2712		H/W 081
02BDF03 YB92	3 3kV CSY SERV BD 1B CUB03 BKR	CLOSE	02BDF03 AA001 X02 023/024	00BYD39 XB 016 AB	Be/1P R/1P	02BDF8004	UVG8ACV	Q 6 0			———
02BDF03 YB91	3 3kV CSY SERV BD 1B CUB03 BKR	OPEN	02BDF03 AA001 X02 025/026	00BYD39 XB 016 CD	Gy/1P Y/1P	02BDF8004	UVG8ACV	Q 6 1			———
02BDF03 XB01	3 3kV CSY SERV BD 1B CUBO3 BKR	OPENED CLOSED	02BDF03 AA001 X02 043/044	00BYD39 XB 016 EF	Gn/1P Bn/1P	02BDF8004	UVG8ACV	I 6 0	2713		H/W 082
02BDF03 XB51	3 3kV CSY SERV BD 1B CUB03	LOC/OFF REMOTE	02BDF03 AA001 X03 010/011	00BYD39 XB 016 GH	W/1P Bk/1P	02BDF8004	UVG8ACV	I 6 1	2714		H/W 083
02BDF08 YB92	3 3kV CSY SERV BD 1B CUB08 BKR	CLOSE	02BDF08 AA001 X02 023/024	00BYD39 XB 018 AB	Be/1P R/1P	02BDF8012	UVG8ACV	Q 6 2			———
02BDF08 YB91	3 3kV CSY SERV BD 1B CUBO8 BKR	OPEN	02BDF08 AA001 X02 025/026	00BYD39 XB 018 CD	Gy/1P Y/1P	02BDF8012	UVG8ACV	Q 6 3			———
02BDF08 XB01	3 3kV CSY SERV BD 1B CUBO8 BKR	OPENED CLOSED	02BDF08 AA001 X02 043/044	00BYD39 XB 018 EF	Gn/1P Bn/1P	02BDF8012	UVG8ACV	I 6 2	2715		H/W 084
02BDF08 XB51	3 3kV CSY SERV BD 1B CUB08	LOC/OFF REMOTE	02BDF08 AA001 X03 010/011	00BYD39 XB 018 GH	W/1P Bk/1P	02BDF8012	UVG8ACV	I 6 3	2716		H/W 085

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
01BFN01	XB01	380V CSY SERV BD 1A CUB01	OPENED CLOSED	01BFN01 AA001 X05 128/129	00BYD39 XB 020 EF	Gn/1P Bn/1P	01BFN8002	UVG4ACV	I 8 0	2717		H/W 086
02BFN01	XB01	380V CSY SERV BD 1B CUB01	OPENED CLOSED	02BFN01 AA001 X05 128/129	00BYD39 XB 021 EF	Gn/1P Bn/1P	02BFN8003	UVG4ACV	I 8 1	2718		H/W 087
01BFN02	XB01	380V CSY SERV BD 1A CUB02	OPENED CLOSED	01BFN02 AA001 X05 128/129	00BYD39 XB 022 EF	Gn/1P Bn/1P	01BFN8003	UVG4ACV	I 8 2	2720		H/W 089
01BBK00	XQ54	22kV CSY DIST BD 1 CUB01 VOLTS	0-5mA 0-22KV	01BBK01 AA001 X07 001/002	00BYD39 XE 001 AB	Be/1P R/1P	01BBK8002	UVG4ACV	PW 128			
02BBK00	XQ54	22kV CSY DIST BD 2 CUB01 VOLTS	0-5mA 0-22KV	02BBK01 AA001 X07 001/002	00BYD39 XE 002 AB	Be/1P R/1P	02BBK8002	UVG4ACV	PW 130			
02BDF00	XQ54	3 3kV CSY SERV BD 1B BB VOLTS	0-5mA 0-3 3KV	02BDF01 AA001 X03 037/038	00BYD39 XE 003 AB	Be/1P R/1P	02BDF8002	UVG4ACV	PW 132			
02BDF01	XQ51	3 3kV CSY SERV BD 1B AMPS	0-5mA 0-2000A	02BDF01 AA001 X03 035/036	00BYD39 XE 003 CD	Gy/1P Y/1P	02BDF8002	UVG4ACV	PW 134			
01BDF00	XQ54	3 3kV CSY SERV BD 1A BB VOLTS	0-5mA 0-3 3KV	01BDF08 AA001 X03 037/038	00BYD39 XE 004 AB	Be/1P R/1P	01BDF8003	UVG4ACV	PW 136			
01BDF08	XQ51	3 3kV CSY SERV BD 1A AMPS	0-5mA 0-2000A	01BDF08 AA001 X02 035/036	00BYD39 XE 004 CD	Gy/1P Y/1P	01BDF8003	UVG4ACV	PW 138			
01BBK01	XW51	22kV CSY DIST BD 1 CUB01 DC	FAIL NORMAL	01BBK01 AA001 X04 007/008	00BYD39 XH 001 AB	Be/1P R/1P	01BBK8003	UVG8ACV		2631		H/W 000
01BBK01	XW52	22kV CSY DIST BD 1 CUB01 T/CCT	FAULT NORMAL	01BBK01 AA001 X04 009/010	00BYD39 XH 001 CD	Gy/1P Y/1P	01BBK8003	UVG8ACV		2632		H/W 001
00BDT51	XW96	22kV CSY DIST BD 1 CUB01 OIL LVL	LOW NORMAL	01BBK01 AA001 X07 005/006	00BYD39 XH 001 EF	Gn/1P Bn/1P	01BBK8003	UVG8ACV		2633		H/W 002
00BDT51	XW55	22kV CSY DIST BD 1 CUB01 BUCH	ALARM NORMAL	01BBK01 AA001 X07 007/008	00BYD39 XH 001 GH	W/1P Bk/1P	01BBK8003	UVG8ACV		2634		H/W 003
00BDT51	XW57	22kV CSY DIST BD 1 CUB01 OIL/T	ALARM NORMAL	01BBK01 AA001 X07 009/010	00BYD39 XH 002 AB	Be/2P R/2P	01BBK8003	UVG8ACV		2635		H/W 004
00BDT51	XW56	22kV CSY DIST BD 1 CUB01 WDG/T	ALARM NORMAL	01BBK01 AA001 X07 011/012	00BYD39 XH 002 CD	Gy/2P Y/2P	01BBK8003	UVG8ACV		2636		H/W 005
01BDF08	XW51	3 3kV CSY SERV BD 1A CUB08 DC	FAIL NORMAL	01BDF08 AA001 X03 025/026	00BYD39 XH 003 AB	R/1P Be/1P	01BDF8004	UVG4ACV		2637		H/W 006
01BDF08	XW52	3 3kV CSY SERV BD 1A CUB08 T/CCT	FAULT NORMAL	01BDF08 AA001 X03 027/028	00BYD39 XH 003 CD	Gy/1P Y/1P	01BDF8004	UVG4ACV		2638		H/W 007
01BDF08	XW53	3 3kV CSY SERV BD 1A CUB08 PROT	TRIP NORMAL	01BDF08 AA001 X03 029/030	00BYD39 XH 003 EF	Gn/1P Bn/1P	01BDF8004	UVG4ACV		2639		H/W 008
01BDF06	XW51	3 3kV CSY SERV BD 1A CUB06 DC	FAIL NORMAL	01BDF06 AA001 X03 031/032	00BYD39 XH 004 AB	Be/1P R/1P	01BDF8010	UVG8ACV		2640		H/W 009
01BDF06	XW52	3 3kV CSY SERV BD 1A CUB06 T/CCT	FAULT NORMAL	01BDF06 AA001 X03 033/034	00BYD39 XH 004 CD	Gy/1P Y/1P	01BDF8010	UVG8ACV		2641		H/W 010
01BDF06	XW53	3 3kV CSY SERV BD 1A CUB06 PROT	TRIP NORMAL	01BDF06 AA001 X03 035/036	00BYD39 XH 004 EF	Gn/1P Bn/1P	01BDF8010	UVG8ACV		2642		H/W 011
00BFU11	XW55	3 3kV CSY SERV BD 1A CUB06 BUCH	ALARM NORMAL	01BDF06 AA001 X03 051/052	00BYD39 XH 004 GH	W/1P Bk/1P	01BDF8010	UVG8ACV		2643		H/W 012
00BFU11	XW57	3 3kV CSY SERV BD 1A CUB06 OIL/T	ALARM NORMAL	01BDF06 AA001 X03 053/054	00BYD39 XH 005 AB	Be/2P R/2P	01BDF8010	UVG8ACV		2644		H/W 013
01BDF09	XW51	3 3kV CSY SERV BD 1A CUB09 DC	FAIL NORMAL	01BDF09 AA001 X03 011/012	00BYD39 XH 006 AB	R/1P Be/1P	01BDF8012	UVG4ACV		2645		H/W 014

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
01BDF09	XW52	3 3kV CSY SERV BD 1A CUB09 T/CCT	FAULT NORMAL	01BDF09 AA001 X03 013/014	00BYD39 XH 006 CD	Gy/1P Y/1P	01BDF8012	UVG4ACV		2646		H/W 015
01BDF00	XW54	3 3kV CSY SERV BD 1A U/V	ALARM NORMAL	01BDF09 AA001 X03 015/016	00BYD39 XH 006 EF	Gn/1P Bn/1P	01BDF8012	UVG4ACV	I 6 4	2679		H/W 048
02BDF00	XW54	3 3kV CSY SERV BD 1B U/V	ALARM NORMAL	01BDF09 AA001 X03 019/020	00BYD39 XH 006 GH	W/1P Bk/1P	01BDF8012	UVG4ACV	I 6 5	2680		H/W 049
01BDF00	XW51	3 3kV CSY BD 1A MTR's DC	FAIL NORMAL	01BDF05 AA001 X03 017/018	00BYD39 XH 007 AB	Be/1P R/1P	01BDF8014	UVG4ACV		2647		H/W 016
01BDF00	XW52	3 3kV CSY BD 1A MTR's T/CCT	FAULT NORMAL	01BDF05 AA001 X03 019/020	00BYD39 XH 007 CD	Gy/1P Y/1P	01BDF8014	UVG4ACV		2648		H/W 017
01BDF00	XW53	3 3kV CSY BD 1A MTR's PROT	TRIP NORMAL	01BDF05 AA001 X03 023/024	00BYD39 XH 007 EF	Gn/1P Bn/1P	01BDF8014	UVG4ACV		2649		H/W 018
01BDF07	XW51	3 3kV CSY SERV BD 1A CUB07 DC	FAIL NORMAL	01BDF07 AA001 X03 031/032	00BYD39 XH 008 AB	Be/1P R /1P	01BDF8013	UVG4ACV		2650		H/W 019
01BDF07	XW52	3 3kV CSY SERV BD 1A CUB07 T/CCT	FAULT NORMAL	01BDF07 AA001 X03 033/034	00BYD39 XH 008 CD	Gy/1P Y/1P	01BDF8013	UVG4ACV		2651		H/W 020
01BDF07	XW53	3 3kV CSY SERV BD 1A CUB07 PROT	TRIP NORMAL	01BDF07 AA001 X03 035/036	00BYD39 XH 008 EF	Gn/1P Bn/1P	01BDF8013	UVG4ACV		2652		H/W 021
01BFN00	XW51	380V CSY SERV BD 1 DC	FAIL NORMAL	01BFN02 AA001 X05 137/138	00BYD39 XH 009 AB	Be/1P R/1P	01BFN8001	UVG4ACV		2683		H/W 052
01BFN00	XW54	380V CSY SERV BD 1A U/V	ALARM NORMAL	01BFN02 AA001 X05 170/171	00BYD39 XH 009 CD	Gy/1P Y/1P	01BFN8001	UVG4ACV	I 6 6	2681		H/W 050
01BTX11	XW61	3 3kV CSY SERV BD 1A & 1B B T U	FAULTY NORMAL	01BTX11 AA001 X01 013/014	00BYD39 XH 010 AB	Be/1P R/1P	01BTX8001	UVG8ACV		2653		H/W 022
01BTX21	XW61	22kV CSY DIST BD 1 B T U	FAULTY NORMAL	01BTX21 AA001 X01 012/013	00BYD39 XH 011 AB	Be/1P R/1P	01BTX8002	UVG4ACV		2654		H/W 023
02BBK01	XW51	22kV CSY DIST BD 2 CUB01 DC	FAIL NORMAL	02BBK01 AA001 X04 007/008	00BYD39 XH 013 AB	Be/1P R/1P	02BBK8003	UVG8ACV		2656		H/W 025
02BBK01	XW52	22kV CSY DIST BD 2 CUB01 T/CCT	FAULT NORMAL	02BBK01 AA001 X04 009/010	00BYD39 XH 013 CD	Gy/1P Y/1P	02BBK8003	UVG8ACV		2657		H/W 026
00BDT52	XW96	22kV CSY DIST BD 2 CUB01 OIL LVL	LOW NORMAL	02BBK01 AA001 X07 005/006	00BYD39 XH 013 EF	Gn/1P Bn/1P	02BBK8003	UVG8ACV		2658		H/W 027
00BDT52	XW55	22kV CSY DIST BD 2 CUB01 BUCH	ALARM NORMAL	02BBK01 AA001 X07 007/008	00BYD39 XH 013 GH	W/1P Bk/1P	02BBK8003	UVG8ACV		2659		H/W 028
00BDT52	XW57	22kV CSY DIST BD 2 CUB01 OIL/T	ALARM NORMAL	02BBK01 AA001 X07 009/010	00BYD39 XH 014 AB	Be/2P R/2P	02BBK8003	UVG8ACV		2660		H/W 029
00BDT52	XW56	22kV CSY DIST BD 2 CUB01 WDG/T	ALARM NORMAL	02BBK01 AA001 X07 011/012	00BYD39 XH 014 CD	Gy/2P Y/2P	02BBK8003	UVG8ACV		2661		H/W 030
02BDF02	XW51	3 3kV CSY SERV BD 1B CUB02 DC	FAIL NORMAL	02BDF02 AA001 X03 031/032	00BYD39 XH 015 AB	Be/1P R/1P	02BDF8007	UVG4ACV		2662		H/W 031
02BDF02	XW52	3 3kV CSY SERV BD 1B CUB02 T/CCT	FAULT NORMAL	02BDF02 AA001 X03 033/034	00BYD39 XH 015 CD	Gy/1P Y/1P	02BDF8007	UVG4ACV		2663		H/W 032
02BDF02	XW53	3 3kV CSY SERV BD 1B CUB02 PROT	TRIP NORMAL	02BDF02 AA001 X03 035/036	00BYD39 XH 015 EF	Gn/1P Bn/1P	02BDF8007	UVG4ACV		2664		H/W 033
02BDF03	XW51	3 3kV CSY SERV BD 1B CUB03 DC	FAIL NORMAL	02BDF03 AA001 X03 031/032	00BYD39 XH 016 AB	Be/1P R/1P	02BDF8008	UVG8ACV		2665		H/W 034
02BDF03	XW52	3 3kV CSY SERV BD 1B CUB03 T/CCT	FAULT NORMAL	02BDF03 AA001 X03 033/034	00BYD39 XH 016 CD	Gy/1P Y/1P	02BDF8008	UVG8ACV		2666		H/W 035

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
02BDF03	XW53	3 3kV CSY SERV BD 1B CUB03 PROT	TRIP NORMAL	02BDF03 AA001 X03 035/036	00BYD39 XH 016 EF	Gn/1P Bn/1P	02BDF8008	UVG8ACV		2667		H/W 036
00BFU12	XW55	3 3kV CSY SERV BD 1B CUB03 BUCH	ALARM NORMAL	02BDF03 AA001 X03 051/052	00BYD39 XH 016 GH	W/1P Bk/1P	02BDF8008	UVG8ACV		2668		H/W 037
00BFU12	XW57	3 3kV CSY SERV BD 1B CUB03 OIL/T	ALARM NORMAL	02BDF03 AA001 X03 053/054	00BYD39 XH 017 AB	Be/2P R/2P	02BDF8008	UVG8ACV		2669		H/W 038
02BDF00	XW51	3 3kV CSY BD 1B MTR's DC	FAIL NORMAL	02BDF04 AA001 X03 017/018	00BYD39 XH 018 AB	Be/1P R/1P	02BDF8013	UVG4ACV		2670		H/W 039
02BDF00	XW52	3 3kV CSY BD 1B MTR's T/CCT	FAULT NORMAL	02BDF04 AA001 X03 019/020	00BYD39 XH 018 CD	Gy/1P Y/1P	02BDF8013	UVG4ACV		2671		H/W 040
02BDF00	XW53	3 3kV CSY BD 1B MTR's PROT	TRIP NORMAL	02BDF04 AA001 X03 023/024	00BYD39 XH 018 EF	Gn/1P Bn/1P	02BDF8013	UVG4ACV		2672		H/W 041
02BDF08	XW51	3 3kV CSY SERV BD 1B CUB08 DC	FAIL NORMAL	02BDF08 AA001 X03 031/032	00BYD39 XH 019 AB	Be/1P R/1P	02BDF8010	UVG4ACV		2673		H/W 042
02BDF08	XW52	3 3kV CSY SERV BD 1B CUB08 T/CCT	FAULT NORMAL	02BDF08 AA001 X03 033/034	00BYD39 XH 019 CD	Gy/1P Y/1P	02BDF8010	UVG4ACV		2674		H/W 043
02BDF08	XW53	3 3kV CSY SERV BD 1B CUB08 PROT	TRIP NORMAL	02BDF08 AA001 X03 035/036	00BYD39 XH 019 EF	Gn/1P Bn/1P	02BDF8010	UVG4ACV		2675		H/W 044
02BDF01	XW51	3 3kV CSY SERV BD 1B CUB01 DC	FAIL NORMAL	02BDF01 AA001 X03 025/026	00BYD39 XH 020 AB	R/1P Be/1P	02BDF8011	UVG4ACV		2676		H/W 045
02BDF01	XW52	3 3kV CSY SERV BD 1B CUB01 T/CCT	FAULT NORMAL	02BDF01 AA001 X03 029/030	00BYD39 XH 020 CD	Gy/1P Y/1P	02BDF8011	UVG4ACV		2677		H/W 046
02BDF01	XW53	3 3kV CSY SERV BD 1B CUB01 PROT	TRIP NORMAL	02BDF01 AA001 X03 027/028	00BYD39 XH 020 EF	Gn/1P Bn/1P	02BDF8011	UVG4ACV		2678		H/W 047
02BFN00	XW54	380V CSY SERV BD 1B U/V	ALARM NORMAL	02BFN01 AA001 X05 170/171	00BYD39 XH 021 CD	Gy/1P Y/1P	02BFN8001	UVG4ACV	I 6 7	2682		H/W 051
----		CSY 1 SPARE 2737	-	-	-	-	-	-		2737		Vir 106
----		CSY 1 SPARE 2738	-	-	-	-	-	-		2738		Vir 107
----		CSY 1 SPARE 2739	-	-	-	-	-	-		2739		Vir 108
----		CSY 1 SPARE 2740	-	-	-	-	-	-		2740		Vir 109
----		CSY 1 SPARE 2741	-	-	-	-	-	-		2741		Vir 110
----		CSY 1 SPARE 2742	-	-	-	-	-	-		2742		Vir 111
----		CSY 1 SPARE 2655	-	-	-	-	-	-	-	2655		H/W 024
----		CSY 1 SPARE 2685	-	-	-	-	-	-	-	2685		H/W 054
----		CSY 1 SPARE 2686	-	-	-	-	-	-	-	2686		H/W 055
----		CSY 1 SPARE 2687	-	-	-	-	-	-	-	2687		H/W 056
----		CSY 1 SPARE 2688	-	-	-	-	-	-	-	2688		H/W 057

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 1 SPARE 2721	_	_	_	_	_	_	_	2721		H/W 090
____	CSY 1 SPARE 2722	_	_	_	_	_	_	_	2722		H/W 091
____	CSY 1 SPARE 2723	_	_	_	_	_	_	_	2723		H/W 092
____	CSY 1 SPARE 2724	_	_	_	_	_	_	_	2724		H/W 093
____	CSY 1 SPARE 2725	_	_	_	_	_	_	_	2725		H/W 094
____	CSY 1 SPARE 2726	_	_	_	_	_	_	_	2726		H/W 095
____	CSY 1 SPARE 2746	_	_	_	_	_	_		2746		S/W 3 D 1 03
____	CSY 1 SPARE 2747	_	_	_	_	_	_		2747		S/W 4 D 1 04
____	CSY 1 SPARE 2748	_	_	_	_	_	_		2748		S/W 5 D 1 05
____	CSY 1 SPARE 2749	_	_	_	_	_	_		2749		S/W 6 D 1 06
____	CSY 1 SPARE 2750	_	_	_	_	_	_		2750		S/W 7 D 1 07
____	CSY 1 SPARE 2751	_	_	_	_	_	_		2751		S/W 8 D 1 08
____	CSY 1 SPARE 2752	_	_	_	_	_	_		2752		S/W 9 D 1 09
____	CSY 1 SPARE 2753	_	_	_	_	_	_		2753		S/W 10 D 1 10
____	CSY 1 SPARE 2754	_	_	_	_	_	_		2754		S/W 11 D 1 11
____	CSY 1 SPARE 2755	_	_	_	_	_	_		2755		S/W 12 D 1 12
____	CSY 1 SPARE 2756	_	_	_	_	_	_		2756		S/W 13 D 1 13
____	CSY 1 SPARE 2757	_	_	_	_	_	_		2757		S/W 14 D 1 14
____	CSY 1 SPARE 2758	_	_	_	_	_	_		2758		S/W 15 D 1 15
____	CSY 1 SPARE 2779	_	_	_	_	_	_		2779		S/W 36 D 3 04
____	CSY 1 SPARE 2780	_	_	_	_	_	_		2780		S/W 37 D 3 05
____	CSY 1 SPARE 2781	_	_	_	_	_	_		2781		S/W 38 D 3 06
____	CSY 1 SPARE 2782	_	_	_	_	_	_		2782		S/W 39 D 3 07
____	CSY 1 SPARE 2783	_	_	_	_	_	_		2783		S/W 40 D 3 08

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 1 SPARE 2784	–	–	–	–	–	–		2784		S/W 41 D 3 09
____	CSY 1 SPARE 2785	–	–	–	–	–	–		2785		S/W 42 D 3 10
____	CSY 1 SPARE 2786	–	–	–	–	–	–		2786		S/W 43 D 3 11
____	CSY 1 SPARE 2787	–	–	–	–	–	–		2787		S/W 44 D 3 12
____	CSY 1 SPARE 2788	–	–	–	–	–	–		2788		S/W 45 D 3 13
____	CSY 1 SPARE 2789	–	–	–	–	–	–		2789		S/W 46 D 3 14