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 4 SPARE 3307								3307		S/W 54
	CSY 4 SPARE 3306								3306		S/W 53
00BYD51 EW001 XW00	MINUTE PULSE							Q 6 5			
00BYD51 EW002 XW00	HOUR PULSE							Q 6 6			
00BYD51 EW003 XW00	DAY PULSE							Q 6 7			
	CSY 4 SPARE 3302								3302		S/W 49
	CSY 4 SPARE 3301								3301		S/W 48
	CSY 4 SPARE 3308								3308		S/W 55
	CSY 4 SPARE 3303								3303		S/W 50
	CSY 4 SPARE 3304								3304		S/W 51
	CSY 4 SPARE 3305								3305		S/W 52
00BYD51 EW001 XW00	CSY 4 E490 MODULE	FAULT							3237		Vir 96
00BYD51 EW002 XW00	CSY 4 E490 MESSAGE MEMORY	FULL							3238		Vir 97
00BYD51 EW003 XW00	CSY 4 E490 POWER	FAILED							3239		Vir 98
00BYD51 EW004 XW00	CSY 4 E490 POWER	NORMAL							3240		Vir 99
00BYD51 EW005 XW00	CSY 4 E490 AUTOMATIC TEST	FAILED							3241		Vir 100
00BYD51 EW006 XW00	CSY 4 E490 DATE/TIME	UPDATED							3242		Vir 101
00BYD51 EW007 XW00	CSY 4 E490 UNIT	FAILED							3243		Vir 102
00BYD51 EW008 XW00	CSY 4 E490 UNIT	NORMAL							3244		Vir 103
00BYD51 EW009 XW00	CSY 4 E490 SYNCHRONISATION	FAILED							3245		Vir 104
00BYD51 EW010 XW00	CSY 4 E490 SYNCHRONISATION	NORMAL							3246		Vir 105
00BYD51 XW51	CSY 4 SAT PLC COOLING FAN	FAULT NORMAL						I 6 6	3253		S/W 0 D 1 00
00BYD51 XW02	CSY 4 SAT PLC MCB TRIPPED	ALARM NORMAL						I 6 7	3255		S/W 1 D 1 01
00BYD51 XW52	CSY 4 SAT PLC BACKUP BAT VOLTS	LOW NORMAL						S/W 2	3254		D 1 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
07BBK01	XW88	22kV CSY DIST BD 7 CUB1 BKR OPEN	FAIL NORMAL							3269		S/W 16 D 2 00
07BBK01	XW89	22kV CSY DIST BD 7 CUB1 BKR CLSE	FAIL NORMAL							3270		S/W 17 D 2 01
08BBK01	XW88	22kV CSY DIST BD 8 CUB1 BKR OPEN	FAIL NORMAL							3271		S/W 18 D 2 02
08BBK01	XW89	22kV CSY DIST BD 8 CUB1 BKR CLSE	FAIL NORMAL							3272		S/W 19 D 2 03
07BDF03	XW88	3 3kV CSY SERV BD 4A 03 BKR OPEN	FAIL NORMAL							3273		S/W 20 D 2 04
07BDF03	XW89	3 3kV CSY SERV BD 4A 03 BKR CLSE	FAIL NORMAL							3274		S/W 21 D 2 05
07BDF04	XW88	3 3kV CSY SERV BD 4A 04 BKR OPEN	FAIL NORMAL							3275		S/W 22 D 2 06
07BDF04	XW89	3 3kV CSY SERV BD 4A 04 BKR CLSE	FAIL NORMAL							3276		S/W 23 D 2 07
07BDF05	XW88	3 3kV CSY SERV BD 4A 05 BKR OPEN	FAIL NORMAL							3277		S/W 24 D 2 08
07BDF05	XW89	3 3kV CSY SERV BD 4A 05 BKR CLSE	FAIL NORMAL							3278		S/W 25 D 2 09
08BDF01	XW88	3 3kV CSY SERV BD 4B 01 BKR OPEN	FAIL NORMAL							3279		S/W 26 D 2 10
08BDF01	XW89	3 3kV CSY SERV BD 4B 01 BKR CLSE	FAIL NORMAL							3280		S/W 27 D 2 11
08BDF02	XW88	3 3kV CSY SERV BD 4B 02 BKR OPEN	FAIL NORMAL							3281		S/W 28 D 2 12
08BDF02	XW89	3 3kV CSY SERV BD 4B 02 BKR CLSE	FAIL NORMAL							3282		S/W 29 D 2 13
		CSY 4 SPARE 3299								3299		S/W 30 D 3 14
		CSY 4 SPARE 3300								3300		S/W 31 D 3 15
07BBK01	YB92	22kV CSY DIST BD 7 CUB01 BKR	CLOSE	07BBK01 AA001 X03 038/039	00BYD51 XB 001 AB	Be/1P R/1P	07BBK8001	UVG8ACV	Q 4 0			———
07BBK01	YB91	22kV CSY DIST BD 7 CUB01 BKR	OPEN	07BBK01 AA001 X03 040/041	00BYD51 XB 001 CD	Gy/1P Y/1P	07BBK8001	UVG8ACV	Q 4 1			———
07BBK01	XB01	22kV CSY DIST BD 7 CUB01 BKR	OPENED CLOSED	07BBK01 AA001 X04 031/032	00BYD51 XB 001 EF	Gn/1P Bn/1P	07BBK8001	UVG8ACV	I 4 0	3199		H/W 058
07BBK01	XB51	22kV CSY DIST BD 7 CUB01	LOC/OFF REMOTE	07BBK01 AA001 X03 054/055	00BYD51 XB 001 GH	W/1P Bk/1P	07BBK8001	UVG8ACV	I 4 1	3200		H/W 059
07BDF03	YB92	3 3kV CSY SERV BD 4A CUB03 BKR	CLOSE	07BDF03 AA001 X02 027/028	00BYD51 XB 003 AB	Be/1P R/1P	07BDF8002	UVG8ACV	Q 4 2			———
07BDF03	YB91	3 3kV CSY SERV BD 4A CUB03 BKR	OPEN	07BDF03 AA001 X02 029/030	00BYD51 XB 003 CD	Gy/1P Y/1P	07BDF8002	UVG8ACV	Q 4 3			———
07BDF03	XB01	3 3kV CSY SERV BD 4A CUBO3 BKR	OPENED CLOSED	07BDF03 AA001 X02 047/048	00BYD51 XB 003 EF	Gn/1P Bn/1P	07BDF8002	UVG8ACV	I 4 2	3201		H/W 060
07BDF03	XB51	3 3kV CSY SERV BD 4A CUB03	LOC/OFF REMOTE	07BDF03 AA001 X03 010/011	00BYD51 XB 003 GH	W/1P Bk/1P	07BDF8002	UVG8ACV	I 4 3	3202		H/W 061

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
07BDF04 YB92	3 3kV CSY SERV BD 4A CUB04 BKR	CLOSE	07BDF04 AA001 X02 031/032	00BYD51 XB 005 AB	Be/1P R/1P	07BDF8004	UVG8ACV	Q 4 4			———
07BDF04 YB91	3 3kV CSY SERV BD 4A CUB04 BKR	OPEN	07BDF04 AA001 X02 033/034	00BYD51 XB 005 CD	Gy/1P Y/1P	07BDF8004	UVG8ACV	Q 4 5			———
07BDF04 XB01	3 3kV CSY SERV BD 4A CUBO4 BKR	OPENED CLOSED	07BDF04 AA001 X02 051/052	00BYD51 XB 005 EF	Gn/1P Bn/1P	07BDF8004	UVG8ACV	I 4 4	3205		H/W 064
07BDF04 XB51	3 3kV CSY SERV BD 4A CUB04	LOC/OFF REMOTE	07BDF04 AA001 X03 010/011	00BYD51 XB 005 GH	W/1P Bk/1P	07BDF8004	UVG8ACV	I 4 5	3206		H/W 065
07BDF04 EW002 XB01	3 3kV CSY BD 4A CUB04 CBL E/S	ON OFF	07BDF04 AA001 X03 013/014	00BYD51 XB 006 AB	Be/2P R/2P	07BDF8004	UVG8ACV	I 7 0	3203		H/W 062
07BDF04 EW003 XB01	3 3kV CSY BD 4A CUB04 ISOL	CLOSED OPENED	07BDF04 AA001 X02 060/061	00BYD51 XB 006 CD	Gy/2P Y/2P	07BDF8004	UVG8ACV	I 7 1	3204		H/W 063
07BDF05 YB92	3 3kV CSY SERV BD 4A CUB05 BKR	CLOSE	07BDF05 AA001 X02 007/008	00BYD51 XB 007 AB	Be/1P R/1P	07BDF8007	UVG8ACV	Q 4 6			———
07BDF05 YB91	3 3kV CSY SERV BD 4A CUB05 BKR	OPEN	07BDF05 AA001 X02 009/010	00BYD51 XB 007 CD	Gy/1P Y/1P	07BDF8007	UVG8ACV	Q 4 7			———
07BDF05 XB01	3 3kV CSY SERV BD 4A CUBO5 BKR	OPENED CLOSED	07BDF05 AA001 X02 027/028	00BYD51 XB 007 EF	Gn/1P Bn/1P	07BDF8007	UVG8ACV	I 4 6	3211		H/W 070
07BDF05 XB51	3 3kV CSY SERV BD 4A CUB05	LOC/OFF REMOTE	07BDF05 AA001 X02 038/039	00BYD51 XB 007 GH	W/1P Bk/1P	07BDF8007	UVG8ACV	I 4 7	3212		H/W 071
08BDF01 EW001 XB01	3 3kV CSY BD 4B BUSBAR E/S	ON OFF	07BDF05 AA001 X03 001/002	00BYD51 XB 008 AB	Be/2P R/2P	07BDF8007	UVG8ACV	I 7 2	3207		H/W 066
07BDF05 EW002 XB01	3 3kV CSY BD 4A BUSBAR ISOL	CLOSED OPENED	07BDF05 AA001 X03 009/031	00BYD51 XB 008 CD	Gy/2P Y/2P	07BDF8007	UVG8ACV	I 7 3	3208		H/W 067
07BDF05 EW001 XB01	3 3kV CSY BD 4A BUSBAR E/S	ON OFF	07BDF05 AA001 X02 041/042	00BYD51 XB 008 EF	Gn/2P Bn/2P	07BDF8007	UVG8ACV	I 7 4	3209		H/W 068
08BDF01 EW002 XB01	3 3kV CSY BD 4B BUSBAR ISOL	CLOSED OPENED	07BDF05 AA001 X03 010/032	00BYD51 XB 008 GH	W/2P Bk/2P	07BDF8007	UVG8ACV	I 7 5	3210		H/W 069
07BFN01 XB01	380V CSY SERV BD 4A BKR CUB01	OPENED CLOSED	07BFN01 AA001 X05 128/129	00BYD51 XB 009 EF	Gn/1P Bn/1P	07BFN8002	UVG4ACV	I 8 0	3213		H/W 072
08BBK01 YB92	22kV CSY DIST BD 8 CUB01 BKR	CLOSE	08BBK01 AA001 X03 038/039	00BYD51 XB 010 AB	Be/1P R/1P	08BBK8001	UVG8ACV	Q 5 0			———
08BBK01 YB91	22kV CSY DIST BD 8 CUB01 BKR	OPEN	08BBK01 AA001 X03 040/041	00BYD51 XB 010 CD	Gy/1P Y/1P	08BBK8001	UVG8ACV	Q 5 1			———
08BBK01 XB01	22kV CSY DIST BD 8 CUB01 BKR	OPENED CLOSED	08BBK01 AA001 X04 031/032	00BYD51 XB 010 EF	Gn/1P Bn/1P	08BBK8001	UVG8ACV	I 5 0	3214		H/W 073
08BBK01 XB51	22kV CSY DIST BD 8 CUB01	LOC/OFF REMOTE	08BBK01 AA001 X03 054/055	00BYD51 XB 010 GH	W/1P Bk/1P	08BBK8001	UVG8ACV	I 5 1	3215		H/W 074
08BDF01 YB92	3 3kV CSY SERV BD 4B CUB01 BKR	CLOSE	08BDF01 AA001 X02 031/032	00BYD51 XB 012 AB	Be/1P R/1P	08BDF8001	UVG8ACV	Q 5 2			———
08BDF01 YB91	3 3kV CSY SERV BD 4B CUB01 BKR	OPEN	08BDF01 AA001 X02 033/034	00BYD51 XB 012 CD	Gy/1P Y/1P	08BDF8001	UVG8ACV	Q 5 3			———
08BDF01 XB01	3 3kV CSY SERV BD 4B CUBO1 BKR	OPENED CLOSED	08BDF01 AA001 X02 051/052	00BYD51 XB 012 EF	Gn/1P Bn/1P	08BDF8001	UVG8ACV	I 5 2	3216		H/W 075
08BDF01 XB51	3 3kV CSY SERV BD 4B CUB01	LOC/OFF REMOTE	08BDF01 AA001 X03 010/011	00BYD51 XB 012 GH	W/1P Bk/1P	08BDF8001	UVG8ACV	I 5 3	3217		H/W 076
08BDF01 EW002 XB01	3 3kV CSY BD 4B CUB01 CBL E/S	ON OFF	08BDF01 AA001 X03 013/014	00BYD51 XB 013 AB	Be/2P R/2P	08BDF8001	UVG8ACV	I 7 6	3218		H/W 077

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
08BDF01 EW003 XB01	3 3kV CSY BD 4B CUB01 ISOL	CLOSED OPENED	08BDF01 AA001 X02 060/061	00BYD51 XB 013 CD	Gy/2P Y/2P	08BDF8001	UVG8ACV	I 7 7	3219		H/W 078
08BDF02 YB92	3 3kV CSY SERV BD 4B CUB02 BKR	CLOSE	08BDF02 AA001 X02 027/028	00BYD51 XB 014 AB	Be/1P R/1P	08BDF8003	UVG8ACV	Q 5 4			———
08BDF02 YB91	3 3kV CSY SERV BD 4B CUB02 BKR	OPEN	08BDF02 AA001 X02 029/030	00BYD51 XB 014 CD	Gy/1P Y/1P	08BDF8003	UVG8ACV	Q 5 5			———
08BDF02 XB01	3 3kV CSY SERV BD 4B CUBO2 BKR	OPENED CLOSED	08BDF02 AA001 X02 047/048	00BYD51 XB 014 EF	Gn/1P Bn/1P	08BDF8003	UVG8ACV	I 5 4	3220		H/W 079
08BDF02 XB51	3 3kV CSY SERV BD 4B CUB02	LOC/OFF REMOTE	08BDF02 AA001 X03 010/011	00BYD51 XB 014 GH	W/1P Bk/1P	08BDF8003	UVG8ACV	I 5 5	3221		H/W 080
08BFN01 XB01	380V CSY SERV BD 4B BKR CUB01	OPENED CLOSED	08BFN01 AA001 X05 128/129	00BYD51 XB 016 EF	Gn/1P Bn/1P	08BFN8002	UVG4ACV	I 8 1	3222		H/W 081
07BFN02 XB01	380V CSY SERV BD 4A BKR CUB02	OPENED CLOSED	07BFN02 AA001 X05 128/129	00BYD51 XB 017 EF	Gn/1P Bn/1P	07BFN8003	UVG4ACV	I 8 2	3223		H/W 082
07BBK00 XQ54	22kV CSY DIST BD 7 CUB01 VOLTS	0-5mA 0- 22KV	07BBK01 AA001 X07 001/002	00BYD51 XE 001 AB	Be/1P R/1P	07BBK8002	UVG4ACV	PW 128			
08BBK00 XQ54	22kV CSY DIST BD 8 CUB01 VOLTS	0-5mA 0- 22KV	08BBK01 AA001 X07 001/002	00BYD51 XE 002 AB	Be/1P R/1P	08BBK8002	UVG4ACV	PW 130			
07BDF00 XQ54	3 3kV CSY SERVICE BD 4A VOLTS	0-5mA 0- 3 3KV	07BDF04 AA001 X03 037/038	00BYD51 XE 003 AB	Be/1P R/1P	07BDF8003	UVG4ACV	PW 132			
07BDF05 XQ51	3 3kV CSY SERV BD 4A AMPS	0-5mA 0- 2000A	07BDF04 AA001 X03 035/036	00BYD51 XE 003 CD	Gy/1P Y/1P	07BDF8003	UVG4ACV	PW 134			
08BDF00 XQ54	3 3kV CSY SERVICE BD 4B VOLTS	0-5mA 0- 3 3KV	08BDF01 AA001 X03 037/038	00BYD51 XE 004 AB	Be/1P R/1P	08BDF8002	UVG4ACV	PW 136			
08BDF01 XQ51	3 3kV CSY SERV BD 4B AMPS	0-5mA 0- 2000A	08BDF01 AA001 X03 035/036	00BYD51 XE 004 CD	Gy/1P Y/1P	08BDF8002	UVG4ACV	PW 138			
07BBK01 XW51	22kV CSY DIST BD 7 CUB01 DC	FAIL NORMAL	07BBK01 AA001 X04 007/008	00BYD51 XH 001 AB	Be/1P R/1P	07BBK8003	UVG8ACV		3141		H/W 000
07BBK01 XW52	22kV CSY DIST BD 7 CUB01 T/CCT	FAULT NORMAL	07BBK01 AA001 X04 009/010	00BYD51 XH 001 CD	Gy/1P Y/1P	07BBK8003	UVG8ACV		3142		H/W 001
00BDT57 XW55	22kV CSY DIST BD 7 CUB01 BUCH	ALARM NORMAL	07BBK01 AA001 X07 007/008	00BYD51 XH 001 GH	W/1P Bk/1P	07BBK8003	UVG8ACV		3144		H/W 003
00BDT57 XW57	22kV CSY DIST BD 7 CUB01 OIL/T	ALARM NORMAL	07BBK01 AA001 X07 009/010	00BYD51 XH 002 AB	Be/2P R/2P	07BBK8003	UVG8ACV		3145		H/W 004
07BDF04 XW51	3 3kV CSY SERV BD 4A CUB04 DC	FAIL NORMAL	07BDF04 AA001 X03 026/025	00BYD51 XH 003 AB	Be/1P R/1P	07BDF8005	UVG4ACV		3147		H/W 006
07BDF04 XW52	3 3kV CSY SERV BD 4A CUB04 T/CCT	FAULT NORMAL	07BDF04 AA001 X03 029/030	00BYD51 XH 003 CD	Gy/1P Y/1P	07BDF8005	UVG4ACV		3148		H/W 007
07BDF04 XW53	3 3kV CSY SERV BD 4A CUB04 PROT	TRIP NORMAL	07BDF04 AA001 X03 027/028	00BYD51 XH 003 EF	Gn/1P Bn/1P	07BDF8005	UVG4ACV		3149		H/W 008
07BDF05 XW51	3 3kV CSY SERV BD 4A CUB05 DC	FAIL NORMAL	07BDF05 AA001 X03 012/011	00BYD51 XH 004 AB	Be/1P R/1P	07BDF8008	UVG4ACV		3150		H/W 009
07BDF00 XW54	3 3kV CSY SERV BD 4A U/V	ALARM NORMAL	07BDF05 AA001 X03 015/016	00BYD51 XH 004 CD	Gy/1P Y/1P	07BDF8008	UVG4ACV	I 6 2	3181		H/W 040
08BDF00 XW54	3 3kV CSY SERV BD 4B U/V	ALARM NORMAL	07BDF05 AA001 X03 019/020	00BYD51 XH 004 EF	Gn/1P Bn/1P	07BDF8008	UVG4ACV	I 6 3	3182		H/W 041
07BDF03 XW51	3 3kV CSY SERV BD 4A CUB03 DC	FAIL NORMAL	07BDF03 AA001 X03 031/032	00BYD51 XH 005 AB	Be/1P R/1P	07BDF8009	UVG8ACV		3151		H/W 010

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
07BDF03	XW52	3 3kV CSY SERV BD 4A CUB03 T/CCT	FAULT NORMAL	07BDF03 AA001 X03 033/034	00BYD51 XH 005 CD	Gy/1P Y/1P	07BDF8009	UVG8ACV		3152		H/W 011
07BDF03	XW53	3 3kV CSY SERV BD 4A CUB03 PROT	TRIP NORMAL	07BDF03 AA001 X03 035/036	00BYD51 XH 005 EF	Gn/1P Bn/1P	07BDF8009	UVG8ACV		3153		H/W 012
00BFU17	XW55	3 3kV CSY SERV BD 4A CUB03 BUCH	ALARM NORMAL	07BDF03 AA001 X03 051/052	00BYD51 XH 005 GH	W/1P Bk/1P	07BDF8009	UVG8ACV		3154		H/W 013
00BFU17	XW57	3 3kV CSY SERV BD 4A CUB03 OIL/T	ALARM NORMAL	07BDF03 AA001 X03 053/054	00BYD51 XH 006 AB	Be/2P R/2P	07BDF8009	UVG8ACV		3155		H/W 014
07BDF00	XW51	3 3kV CSY BD 4A MTR's DC	FAIL NORMAL	07BDF02 AA001 X03 017/018	00BYD51 XH 007 AB	Be/1P R/1P	07BDF8010	UVG4ACV		3156		H/W 015
07BDF00	XW52	3 3kV CSY BD 4A MTR's T/CCT	FAULT NORMAL	07BDF02 AA001 X03 019/020	00BYD51 XH 007 CD	Gy/1P Y/1P	07BDF8010	UVG4ACV		3157		H/W 016
07BDF00	XW53	3 3kV CSY BD 4A MTR's PROT	TRIP NORMAL	07BDF02 AA001 X03 023/024	00BYD51 XH 007 EF	Gn/1P Bn/1P	07BDF8010	UVG4ACV		3158		H/W 017
07BFN01	XW51	380V CSY SERV BD 4 DC	FAIL NORMAL	07BFN02 AA001 X05 137/138	00BYD51 XH 008 AB	Be/1P R/1P	07BFN8001	UVG4ACV		3159		H/W 018
07BFN00	XW54	380V CSY SERV BD 4A U/V	ALARM NORMAL	07BFN02 AA001 X05 170/171	00BYD51 XH 008 CD	Gy/1P Y/1P	07BFN8001	UVG4ACV	I 6 4	3183		H/W 042
08BBK01	XW51	22kV CSY DIST BD 8 CUB01 DC	FAIL NORMAL	08BBK01 AA001 X04 007/008	00BYD51 XH 009 AB	Be/1P R/1P	08BBK8003	UVG8ACV		3160		H/W 019
08BBK01	XW52	22kV CSY DIST BD 8 CUB01 T/CCT	FAULT NORMAL	08BBK01 AA001 X04 009/010	00BYD51 XH 009 CD	Gy/1P Y/1P	08BBK8003	UVG8ACV		3161		H/W 020
00BDT58	XW55	22kV CSY DIST BD 8 CUB01 BUCH	ALARM NORMAL	08BBK01 AA001 X07 007/008	00BYD51 XH 009 GH	W/1P Bk/1P	08BBK8003	UVG8ACV		3163		H/W 022
00BDT58	XW57	22kV CSY DIST BD 8 CUB01 OIL/T	ALARM NORMAL	08BBK01 AA001 X07 009/010	00BYD51 XH 010 AB	Be/2P R/2P	08BBK8003	UVG8ACV		3164		H/W 023
08BDF01	XW51	3 3kV CSY SERV BD 4B CUB01 DC	FAIL NORMAL	08BDF01 AA001 X03 026/025	00BYD51 XH 011 AB	Be/1P R/1P	08BDF8004	UVG4ACV		3166		H/W 025
08BDF01	XW52	3 3kV CSY SERV BD 4B CUB01 T/CCT	FAULT NORMAL	08BDF01 AA001 X03 029/030	00BYD51 XH 011 CD	Gy/1P Y/1P	08BDF8004	UVG4ACV		3167		H/W 026
08BDF01	XW53	3 3kV CSY SERV BD 4B CUB01 PROT	TRIP NORMAL	08BDF01 AA001 X03 027/028	00BYD51 XH 011 EF	Gn/1P Bn/1P	08BDF8004	UVG4ACV		3168		H/W 027
08BDF02	XW51	3 3kV CSY SERV BD 4B CUB02 DC	FAIL NORMAL	08BDF02 AA001 X03 031/032	00BYD51 XH 012 AB	Be/1P R/1P	08BDF8006	UVG8ACV		3169		H/W 028
08BDF02	XW52	3 3kV CSY SERV BD 4B CUB02 T/CCT	FAULT NORMAL	08BDF02 AA001 X03 033/034	00BYD51 XH 012 CD	Gy/1P Y/1P	08BDF8006	UVG8ACV		3170		H/W 029
08BDF02	XW53	3 3kV CSY SERV BD 4B CUB02 PROT	TRIP NORMAL	08BDF02 AA001 X03 035/036	00BYD51 XH 012 EF	Gn/1P Bn/1P	08BDF8006	UVG8ACV		3171		H/W 030
00BFU18	XW55	3 3kV CSY SERV BD 4B CUB02 BUCH	ALARM NORMAL	08BDF02 AA001 X03 051/052	00BYD51 XH 012 GH	W/1P Bk/1P	08BDF8006	UVG8ACV		3172		H/W 031
00BFU18	XW57	3 3kV CSY SERV BD 4B CUB02 OIL/T	ALARM NORMAL	08BDF02 AA001 X03 053/054	00BYD51 XH 013 AB	Be/2P R/2P	08BDF8006	UVG8ACV		3173		H/W 032
08BDF00	XW51	3 3kV CSY BD 4B MTR's DC	FAIL NORMAL	08BDF03 AA001 X03 017/018	00BYD51 XH 014 AB	Be/1P R/1P	08BDF8007	UVG4ACV		3174		H/W 033
08BDF00	XW52	3 3kV CSY BD 4B MTR's T/CCT	FAULT NORMAL	08BDF03 AA001 X03 019/020	00BYD51 XH 014 CD	Gy/1P Y/1P	08BDF8007	UVG4ACV		3175		H/W 034
08BDF00	XW53	3 3kV CSY BD 4B MTR's PROT	TRIP NORMAL	08BDF03 AA001 X03 023/024	00BYD51 XH 014 EF	Gn/1P Bn/1P	08BDF8007	UVG4ACV		3176		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
08BFN00 XW54	380V CSY SERV BD 4B U/V	ALARM NORMAL	08BFN01 AA001 X05 170/171	00BYD51 XH 015 CD	Gy/1P Y/1P	08BFN8001	UVG4ACV	I 6 5	3184		H/W 043
00BTX31 EGOO1 XW58	CSY SUB 4 SAT POWER PACK SUP 1	FAIL NORMAL	00BTX31 AA001 X02 014/015	00BYD51 XH 016 AB	Be/1P R/1P	00BTX8003	UVG4ACV		3177		H/W 036
01BTX71 XW61	3 3kV CSY SERV BD 4A & 4B B T U	FAULTY NORMAL	01BTX71 AA001 X01 013/014	00BYD51 XH 017 AB	Be/1P R/1P	01BTX8007	UVG4ACV		3178		H/W 037
01BTX81 XW61	22kV CSY DIST BD 7 B T U	FAULTY NORMAL	01BTX81 AA001 X01 012/013	00BYD51 XH 018 AB	Be/1P R/1P	01BTX8008	UVG4ACV		3179		H/W 038
——	CSY 4 SPARE 3309	–	–	–	–	–	–		3309		
——	CSY 4 SPARE 3247	–	–	–	–	–	–		3247		Vir 106
——	CSY 4 SPARE 3248	–	–	–	–	–	–		3248		Vir 107
——	CSY 4 SPARE 3249	–	–	–	–	–	–		3249		Vir 108
——	CSY 4 SPARE 3250	–	–	–	–	–	–		3250		Vir 109
——	CSY 4 SPARE 3251	–	–	–	–	–	–		3251		Vir 110
——	CSY 4 SPARE 3252	–	–	–	–	–	–		3252		Vir 111
——	CSY 4 SPARE 3143	–	–	–	–	–	–	–	3143		H/W 002
——	CSY 4 SPARE 3146	–	–	–	–	–	–	–	3146		H/W 005
——	CSY 4 SPARE 3162	–	–	–	–	–	–	–	3162		H/W 021
——	CSY 4 SPARE 3165	–	–	–	–	–	–	–	3165		H/W 024
——	CSY 4 SPARE 3180	–	–	–	–	–	–	–	3180		H/W 039
——	CSY 4 SPARE 3185	–	–	–	–	–	–	–	3185		H/W 044
——	CSY 4 SPARE 3186	–	–	–	–	–	–	–	3186		H/W 045
——	CSY 4 SPARE 3187	–	–	–	–	–	–	–	3187		H/W 046
——	CSY 4 SPARE 3188	–	–	–	–	–	–	–	3188		H/W 047
——	CSY 4 SPARE 3189	–	–	–	–	–	–	–	3189		H/W 048
——	CSY 4 SPARE 3190	–	–	–	–	–	–	–	3190		H/W 049
——	CSY 4 SPARE 3191	–	–	–	–	–	–	–	3191		H/W 050
——	CSY 4 SPARE 3192	–	–	–	–	–	–	–	3192		H/W 051

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 4 SPARE 3193	_	_	_	_	_	_	_	3193		H/W 052
____	CSY 4 SPARE 3194	_	_	_	_	_	_	_	3194		H/W 053
____	CSY 4 SPARE 3195	_	_	_	_	_	_	_	3195		H/W 054
____	CSY 4 SPARE 3196	_	_	_	_	_	_	_	3196		H/W 055
____	CSY 4 SPARE 3197	_	_	_	_	_	_	_	3197		H/W 056
____	CSY 4 SPARE 3198	_	_	_	_	_	_	_	3198		H/W 057
____	CSY 4 SPARE 3224	_	_	_	_	_	_	_	3224		H/W 083
____	CSY 4 SPARE 3225	_	_	_	_	_	_	_	3225		H/W 084
____	CSY 4 SPARE 3226	_	_	_	_	_	_	_	3226		H/W 085
____	CSY 4 SPARE 3227	_	_	_	_	_	_	_	3227		H/W 086
____	CSY 4 SPARE 3228	_	_	_	_	_	_	_	3228		H/W 087
____	CSY 4 SPARE 3229	_	_	_	_	_	_	_	3229		H/W 088
____	CSY 4 SPARE 3230	_	_	_	_	_	_	_	3230		H/W 089
____	CSY 4 SPARE 3231	_	_	_	_	_	_	_	3231		H/W 090
____	CSY 4 SPARE 3232	_	_	_	_	_	_	_	3232		H/W 091
____	CSY 4 SPARE 3233	_	_	_	_	_	_	_	3233		H/W 092
____	CSY 4 SPARE 3234	_	_	_	_	_	_	_	3234		H/W 093
____	CSY 4 SPARE 3235	_	_	_	_	_	_	_	3235		H/W 094
____	CSY 4 SPARE 3236	_	_	_	_	_	_	_	3236		H/W 095
____	CSY 4 SPARE 3256	_	_	_	_	_	_		3256		S/W 3 D 1 03
____	CSY 4 SPARE 3257	_	_	_	_	_	_		3257		S/W 4 D 1 04
____	CSY 4 SPARE 3258	_	_	_	_	_	_		3258		S/W 5 D 1 05
____	CSY 4 SPARE 3259	_	_	_	_	_	_		3259		S/W 6 D 1 06
____	CSY 4 SPARE 3260	_	_	_	_	_	_		3260		S/W 7 D 1 07

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 4 SPARE 3261	_	–	–	–	–	–		3261		S/W 8 D 1 08
____	CSY 4 SPARE 3262	_	–	–	–	–	–		3262		S/W 9 D 1 09
____	CSY 4 SPARE 3263	_	–	–	–	–	–		3263		S/W 10 D 1 10
____	CSY 4 SPARE 3264	_	–	–	–	–	–		3264		S/W 11 D 1 11
____	CSY 4 SPARE 3265	_	–	–	–	–	–		3265		S/W 12 D 1 12
____	CSY 4 SPARE 3266	_	–	–	–	–	–		3266		S/W 13 D 1 13
____	CSY 4 SPARE 3267	_	–	–	–	–	–		3267		S/W 14 D 1 14
____	CSY 4 SPARE 3268	_	–	–	–	–	–		3268		S/W 15 D 1 15
____	CSY 4 SPARE 3283	_	–	–	–	–	–		3283		S/W 30 D 2 14
____	CSY 4 SPARE 3284	_	–	–	–	–	–		3284		S/W 31 D 2 15
____	CSY 4 SPARE 3285	_	–	–	–	–	–		3285		S/W 32 D 3 00
____	CSY 4 SPARE 3286	_	–	–	–	–	–		3286		S/W 33 D 3 01
____	CSY 4 SPARE 3287	_	–	–	–	–	–		3287		S/W 34 D 3 02
____	CSY 4 SPARE 3288	_	–	–	–	–	–		3288		S/W 35 D 3 03
____	CSY 4 SPARE 3289	_	–	–	–	–	–		3289		S/W 36 D 3 04
____	CSY 4 SPARE 3290	_	–	–	–	–	–		3290		S/W 37 D 3 05
____	CSY 4 SPARE 3291	_	–	–	–	–	–		3291		S/W 38 D 3 06
____	CSY 4 SPARE 3292	_	–	–	–	–	–		3292		S/W 39 D 3 07
____	CSY 4 SPARE 3293	_	–	–	–	–	–		3293		S/W 40 D 3 08
____	CSY 4 SPARE 3294	_	–	–	–	–	–		3294		S/W 41 D 3 09
____	CSY 4 SPARE 3295	_	–	–	–	–	–		3295		S/W 42 D 3 10
____	CSY 4 SPARE 3296	_	–	–	–	–	–		3296		S/W 43 D 3 11
____	CSY 4 SPARE 3297	_	–	–	–	–	–		3297		S/W 44 D 3 12
____	CSY 4 SPARE 3298	_	–	–	–	–	–		3298		S/W 45 D 3 13