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
00BYD01 EW002 YB91	TIME PULSE ON EVERY HOUR							Q 14 4			
00BYD01 EW003 YB91	TIME PULSE ON EVERY DAY							Q 14 3			
00BYD01 EW001 YB91	TIME PULSE ON EVERY MINUTE							Q 14 2			
00BYD01 EW001 XW00	SSB E490 MODULE	FAULT							753		Vir 112
00BYD01 EW002 XW00	SSB E490 MESSAGE MEMORY	FULL							754		Vir 113
00BYD01 EW003 XW00	SSB E490 POWER	FAILED							755		Vir 114
00BYD01 EW004 XW00	SSB E490 POWER	NORMAL							756		Vir 115
00BYD01 EW005 XW00	SSB E490 AUTOMATIC TEST	FAILED							757		Vir 116
00BYD01 EW006 XW00	SSB E490 DATE/TIME	UPDATED							758		Vir 117
00BYD01 EW007 XW00	SSB E490 UNIT	FAILED							759		Vir 118
00BYD01 EW008 XW00	SSB E490 UNIT	NORMAL							760		Vir 119
00BYD01 EW009 XW00	SSB E490 SYNCHRONISATION	FAILED							761		Vir 120
00BYD01 EW010 XW00	SSB E490 SYNCHRONISATION	NORMAL							762		Vir 121
	SSB SPARE 769								769		H/W 128
	SSB SPARE 799								799		H/W 158
	SSB SPARE 847								847		H/W 206
	SSB SPARE 981								981		H/W 340
	SSB SPARE 982								982		H/W 341
	SSB SPARE 994								994		H/W 353
	SSB SPARE 995								995		H/W 354
——	SSB SPARE 1225		–					–	1225		H/W 584
——	SSB SPARE 1233		–					–	1233		H/W 592
00BYD01 XW51	SSB PLC COOLING FAN/BATTERY	FAULT NORMAL						I 23 6	641		S/W 0 D 1 00
00BYD01 XW02	SSB PLC MCB TRIPPED	ALARM NORMAL						I 23 7	642		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
00BYD01 XW00	SSB PLC	STOPPED RUN						F 1 0	643		S/W 2 D 1 02
00BYD01 EG001 XW00	SSB H1 LINK TO UNIT CO-ORD	DISCONN ONLINE						F 102 7	644		S/W 3 D 1 03
00BYD01 EG002 XW00	SSB H1 LINK TO STN CO-ORD	DISCONN ONLINE						F 103 7	645		S/W 4 D 1 04
00BYD01 EG003 XW00	SSB H1 LINK TO SUB SOUTH 1	DISCONN ONLINE						F 113 7	646		S/W 5 D 1 05
00BYD01 EG004 XW00	SSB H1 LINK TO SUB SOUTH 2	DISCONN ONLINE						F 114 7	647		S/W 6 D 1 06
00BYD01 EG005 XW00	SSB H1 LINK TO SUB EAST	DISCONN ONLINE						F 115 7	648		S/W 7 D 1 07
00BYD01 EG006 XW00	SSB H1 LINK TO GAS TURBINE	DISCONN ONLINE						F 116 7	649		S/W 8 D 1 08
00BYD01 EG007 XW00	SSB H1 LINK TO UNIT 1	DISCONN ONLINE						F 121 7	650		S/W 9 D 1 09
00BYD01 EG008 XW00	SSB H1 LINK TO UNIT 2	DISCONN ONLINE						F 122 7	651		S/W 10 D 1 10
00BYD01 EG009 XW00	SSB H1 LINK TO UNIT 3	DISCONN ONLINE						F 123 7	652		S/W 11 D 1 11
00BYD01 EG010 XW00	SSB H1 LINK TO UNIT 4	DISCONN ONLINE						F 124 7	653		S/W 12 D 1 12
00BYD01 EG011 XW00	SSB H1 LINK TO UNIT 5	DISCONN ONLINE						F 125 7	654		S/W 13 D 1 13
00BYD01 EG012 XW00	SSB H1 LINK TO UNIT 6	DISCONN ONLINE						F 126 7	655		S/W 14 D 1 14
00BYD01 EG013 XW00	SSB L1 LINK TO ASH PLANT PLC's	DISCONN ONLINE						F6 1 / F6 0	656		S/W 15 D 1 15
00AEA01 XW88	STN TRANSFORMER 132kV BKR OPEN	FAIL NORMAL						DL 21 02	657		S/W 16 D 2 00
00AEA01 XW89	STN TRANSFORMER 132kV BKR CLOSE	FAIL NORMAL						DL 21 03	658		S/W 17 D 2 01
01BBA01 XW88	11kV STATION BD 1 CUB01 BKR OPEN	FAIL NORMAL						DL 22 02	659		S/W 18 D 2 02
01BBA01 XW89	11kV STATION BD 1 CUB01 BKR CLSE	FAIL NORMAL						DL 22 03	660		S/W 19 D 2 03
01BBA02 XW88	11kV STATION BD 1 CUB02 BKR OPEN	FAIL NORMAL						DL 23 02	661		S/W 20 D 2 04
01BBA02 XW89	11kV STATION BD 1 CUB02 BKR CLSE	FAIL NORMAL						DL 23 03	662		S/W 21 D 2 05
01BBA03 XW88	11kV STATION BD 1 CUB03 BKR OPEN	FAIL NORMAL						DL 24 02	663		S/W 22 D 2 06
01BBA03 XW89	11kV STATION BD 1 CUB03 BKR CLSE	FAIL NORMAL						DL 24 03	664		S/W 23 D 2 07
01BBA04 XW88	11kV STATION BD 1 CUB04 BKR OPEN	FAIL NORMAL						DL 25 02	665		S/W 24 D 2 08
01BBA04 XW89	11kV STATION BD 1 CUB04 BKR CLSE	FAIL NORMAL						DL 25 03	666		S/W 25 D 2 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
01BBA05	XW88	11kV STATION BD 1 CUB05 BKR OPEN	FAIL NORMAL						DL 26 02	667		S/W 26 D 2 10
01BBA05	XW89	11kV STATION BD 1 CUB05 BKR CLSE	FAIL NORMAL						DL 26 03	668		S/W 27 D 2 11
01BBA06	XW88	11kV STATION BD 1 CUB06 BKR OPEN	FAIL NORMAL						DL 27 02	669		S/W 28 D 2 12
01BBA06	XW89	11kV STATION BD 1 CUB06 BKR CLSE	FAIL NORMAL						DL 27 03	670		S/W 29 D 2 13
01BBA07	XW88	11kV STATION BD 1 CUB07 BKR OPEN	FAIL NORMAL						DL 28 02	671		S/W 30 D 2 14
01BBA07	XW89	11kV STATION BD 1 CUB07 BKR CLSE	FAIL NORMAL						DL 28 03	672		S/W 31 D 2 15
01BBA08	XW88	11kV STATION BD 1 CUB08 BKR OPEN	FAIL NORMAL						DL 29 02	673		S/W 32 D 3 00
01BBA08	XW89	11kV STATION BD 1 CUB08 BKR CLSE	FAIL NORMAL						DL 29 03	674		S/W 33 D 3 01
01BBA09	XW88	11kV STATION BD 1 CUB09 BKR OPEN	FAIL NORMAL						DL 30 02	675		S/W 34 D 3 02
01BBA09	XW89	11kV STATION BD 1 CUB09 BKR CLSE	FAIL NORMAL						DL 30 03	676		S/W 35 D 3 03
01BBA10	XW88	11kV STATION BD 1 CUB10 BKR OPEN	FAIL NORMAL						DL 31 02	677		S/W 36 D 3 04
01BBA10	XW89	11kV STATION BD 1 CUB10 BKR CLSE	FAIL NORMAL						DL 31 03	678		S/W 37 D 3 05
01BBA11	XW88	11kV STATION BD 1 CUB11 BKR OPEN	FAIL NORMAL						DL 32 02	679		S/W 38 D 3 06
01BBA11	XW89	11kV STATION BD 1 CUB11 BKR CLSE	FAIL NORMAL						DL 32 03	680		S/W 39 D 3 07
01BBA12	XW88	11kV STATION BD 1 CUB12 BKR OPEN	FAIL NORMAL						DL 33 02	681		S/W 40 D 3 08
01BBA12	XW89	11kV STATION BD 1 CUB12 BKR CLSE	FAIL NORMAL						DL 33 03	682		S/W 41 D 3 09
01BBA13	XW88	11kV STATION BD 1 CUB13 BKR OPEN	FAIL NORMAL						DL 34 02	683		S/W 42 D 3 10
01BBA13	XW89	11kV STATION BD 1 CUB13 BKR CLSE	FAIL NORMAL						DL 34 03	684		S/W 43 D 3 11
01BBA14	XW88	11kV STATION BD 1 CUB14 BKR OPEN	FAIL NORMAL						DL 35 02	685		S/W 44 D 3 12
01BBA14	XW89	11kV STATION BD 1 CUB14 BKR CLSE	FAIL NORMAL						DL 35 03	686		S/W 45 D 3 13
01BBA16	XW88	11kV STATION BD 1 CUB16 BKR OPEN	FAIL NORMAL						DL 36 02	687		S/W 46 D 3 14
01BBA16	XW89	11kV STATION BD 1 CUB16 BKR CLSE	FAIL NORMAL						DL 36 03	688		S/W 47 D 3 15
01BBA17	XW88	11KV STATION BD 1 CUB17 BKR OPEN	FAIL NORMAL						DL 37 02	689		S/W 48 D 4 00
01BBA17	XW89	11kV STATION BD 1 CUB17 BKR CLSE	FAIL NORMAL						DL 37 03	690		S/W 49 D 4 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
02BBA01	XW88	11kV STATION BD 2 CUB01 BKR OPEN	FAIL NORMAL						DL 38 02	691		S/W 50 D 4 02
02BBA01	XW89	11kV STATION BD 2 CUB01 BKR CLSE	FAIL NORMAL						DL 38 03	692		S/W 51 D 4 03
02BBA02	XW88	11kV STATION BD 2 CUB02 BKR OPEN	FAIL NORMAL						DL 39 02	693		S/W 52 D 4 04
02BBA02	XW89	11kV STATION BD 2 CUB02 BKR CLSE	FAIL NORMAL						DL 39 03	694		S/W 53 D 4 05
02BBA03	XW88	11kV STATION BD 2 CUB03 BKR OPEN	FAIL NORMAL						DL 40 02	695		S/W 54 D 4 06
02BBA03	XW89	11kV STATION BD 2 CUB03 BKR CLSE	FAIL NORMAL						DL 40 03	696		S/W 55 D 4 07
02BBA04	XW88	11kV STATION BD 2 CUB04 BKR OPEN	FAIL NORMAL						DL 41 02	697		S/W 56 D 4 08
02BBA04	XW89	11kV STATION BD 2 CUB04 BKR CLSE	FAIL NORMAL						DL 41 03	698		S/W 57 D 4 09
02BBA05	XW88	11kV STATION BD 2 CUB05 BKR OPEN	FAIL NORMAL						DL 42 02	699		S/W 58 D 4 10
02BBA05	XW89	11kV STATION BD 2 CUB05 BKR CLSE	FAIL NORMAL						DL 42 03	700		S/W 59 D 4 11
02BBA06	XW88	11kV STATION BD 2 CUB06 BKR OPEN	FAIL NORMAL						DL 43 02	701		S/W 60 D 4 12
02BBA06	XW89	11kV STATION BD 2 CUB06 BKR CLSE	FAIL NORMAL						DL 43 03	702		S/W 61 D 4 13
02BBA07	XW88	11kV STATION BD 2 CUB07 BKR OPEN	FAIL NORMAL						DL 44 02	703		S/W 62 D 4 14
02BBA07	XW89	11kV STATION BD 2 CUB07 BKR CLSE	FAIL NORMAL						DL 44 03	704		S/W 63 D 4 15
02BBA08	XW88	11kV STATION BD 2 CUB08 BKR OPEN	FAIL NORMAL						DR 21 02	705		S/W 64 D 5 00
02BBA08	XW89	11kV STATION BD 2 CUB08 BKR CLSE	FAIL NORMAL						DR 21 03	706		S/W 65 D 5 01
02BBA09	XW88	11kV STATION BD 2 CUB09 BKR OPEN	FAIL NORMAL						DR 22 02	707		S/W 66 D 5 02
02BBA09	XW89	11kV STATION BD 2 CUB09 BKR CLSE	FAIL NORMAL						DR 22 03	708		S/W 67 D 5 03
02BBA10	XW88	11kV STATION BD 2 CUB10 BKR OPEN	FAIL NORMAL						DR 23 02	709		S/W 68 D 5 04
02BBA10	XW89	11kV STATION BD 2 CUB10 BKR CLSE	FAIL NORMAL						DR 23 03	710		S/W 69 D 5 05
02BBA11	XW88	11kV STATION BD 2 CUB11 BKR OPEN	FAIL NORMAL						DR 24 02	711		S/W 70 D 5 06
02BBA11	XW89	11kV STATION BD 2 CUB11 BKR CLSE	FAIL NORMAL						DR 24 03	712		S/W 71 D 5 07
02BBA12	XW88	11kV STATION BD 2 CUB12 BKR OPEN	FAIL NORMAL						DR 25 02	713		S/W 72 D 5 08
02BBA12	XW89	11kV STATION BD 2 CUB12 BKR CLSE	FAIL NORMAL						DR 25 03	714		S/W 73 D 5 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
02BBA13 XW88	11kV STATION BD 2 CUB13 BKR OPEN	FAIL NORMAL						DR 26 02	715		S/W 74 D 5 10
02BBA13 XW89	11kV STATION BD 2 CUB13 BKR CLSE	FAIL NORMAL						DR 26 03	716		S/W 75 D 5 11
02BBA14 XW88	11kV STATION BD 2 CUB14 BKR OPEN	FAIL NORMAL						DR 27 02	717		S/W 76 D 5 12
02BBA14 XW89	11kV STATION BD 2 CUB14 BKR CLSE	FAIL NORMAL						DR 27 03	718		S/W 77 D 5 13
02BBA15 XW88	11kV STATION BD 2 CUB15 BKR OPEN	FAIL NORMAL						DR 28 02	719		S/W 78 D 5 14
02BBA15 XW89	11kV STATION BD 2 CUB15 BKR CLSE	FAIL NORMAL						DR 28 03	720		S/W 79 D 5 15
02BBA16 XW88	11kV STATION BD 2 CUB16 BKR OPEN	FAIL NORMAL						DR 29 02	721		S/W 80 D 6 00
02BBA16 XW89	11kV STATION BD 2 CUB16 BKR CLSE	FAIL NORMAL						DR 29 03	722		S/W 81 D 6 01
02BBA17 XW88	11kV STATION BD 2 CUB17 BKR OPEN	FAIL NORMAL						DR 30 02	723		S/W 82 D 6 02
02BBA17 XW89	11kV STATION BD 2 CUB17 BKR CLSE	FAIL NORMAL						DR 30 03	724		S/W 83 D 6 03
02BBA18 XW88	11kV STATION BD 2 CUB18 BKR OPEN	FAIL NORMAL						DR 31 02	725		S/W 84 D 6 04
02BBA18 XW89	11kV STATION BD 2 CUB18 BKR CLSE	FAIL NORMAL						DR 31 03	726		S/W 85 D 6 05
01BDA01 XW88	3 3kV STN SERV BD 1A BKR 01 OPEN	FAIL NORMAL						DR 32 02	727		S/W 86 D 6 06
01BDA01 XW89	3 3kV STN SERV BD 1A BKR 01 CLSE	FAIL NORMAL						DR 32 03	728		S/W 87 D 6 07
01BDA02 XW88	3 3kV STN SERV BD 1A BKR 02 OPEN	FAIL NORMAL						DR 33 02	729		S/W 88 D 6 08
01BDA02 XW89	3 3kV STN SERV BD 1A BKR 02 CLSE	FAIL NORMAL						DR 33 03	730		S/W 89 D 6 09
02BDA01 XW88	3 3kV STN SERV BD 1B BKR 01 OPEN	FAIL NORMAL						DR 34 02	731		S/W 90 D 6 10
02BDA01 XW89	3 3kV STN SERV BD 1B BKR 01 CLSE	FAIL NORMAL						DR 34 03	732		S/W 91 D 6 11
00BDE07 XW88	3 3kV STN DG BD CUB07 BKR OPEN	FAIL NORMAL						DR 35 02	733		S/W 92 D 6 12
00BDE07 XW89	3 3kV STN DG BD CUB07 BKR CLSE	FAIL NORMAL						DR 35 03	734		S/W 93 D 6 13
00BDE08 XW88	3 3kV STN DG BD CUB08 BKR OPEN	FAIL NORMAL						DR 36 02	735		S/W 94 D 6 14
00BDE08 XW89	3 3kV STN DG BD CUB08 BKR CLSE	FAIL NORMAL						DR 36 03	736		S/W 95 D 6 15
00BYD01 EG014 XW00	SSB H1 LINK TO SUB SOUTH 1	OFFLINE ONLINE						F 113 6	737		S/W 96 D 7 00
00BYD01 EG015 XW00	SSB H1 LINK TO SUB SOUTH 2	OFFLINE ONLINE						F 114 6	738		S/W 97 D 7 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
00BYD01 EG016 XW00	SSB H1 LINK TO SUB EAST	OFFLINE ONLINE						F 115 6	739		S/W 98 D 7 02
00BYD01 EG017 XW00	SSB H1 LINK TO GAS TURBINE	OFFLINE ONLINE						F 116 6	740		S/W 99 D 7 03
00BYD01 EG018 XW00	SSB H1 LINK TO UNIT 1	OFFLINE ONLINE						F 121 6	741		S/W 100 D 7 04
00BYD01 EG019 XW00	SSB H1 LINK TO UNIT 2	OFFLINE ONLINE						F 122 6	742		S/W 101 D 7 05
00BYD01 EG020 XW00	SSB H1 LINK TO UNIT 3	OFFLINE ONLINE						F 123 6	743		S/W 102 D 7 06
00BYD01 EG021 XW00	SSB H1 LINK TO UNIT 4	OFFLINE ONLINE						F 124 6	744		S/W 103 D 7 07
00BYD01 EG022 XW00	SSB H1 LINK TO UNIT 5	OFFLINE ONLINE						F 125 6	745		S/W 104 D 7 08
00BYD01 EG023 XW00	SSB H1 LINK TO UNIT 6	OFFLINE ONLINE						F 126 6	746		S/W 105 D 7 09
00BBT10 XB60	STN TRANSFORMER TAP CHANGE POS	ACTIVE COMPLETE						F 36 3	747		S/W 106 D 7 10
00BBT10 ES001 XW51	STN TRFR PROT MAIN 1 DC	FAIL NORMAL	00BBY01 AA001 X01 001/002	00BYB01 XH 001 AB	Be/1P R/1P	00BBY8001	UVG20ACV		961		H/W 320
00BBT10 XW64	STN TRFR PROT MASTER 1	TRIP NORMAL	00BBY01 AA001 X01 021/022	00BYB01 XH 001 CD	Gy/1P Y/1P	00BBY8001	UVG20ACV		962		H/W 321
00BBT10 XW65	STN TRFR PROT MASTER 2	TRIP NORMAL	00BBY01 AA001 X01 029/030	00BYB01 XH 001 EF	Gn/1P Bn/1P	00BBY8001	UVG20ACV		963		H/W 322
00BBT10 XW93	STN TRFR BUCHOLTZ	TRIP NORMAL	00BBY01 AA001 X01 035/036	00BYB01 XH 001 GH	W/1P Bk/1P	00BBY8001	UVG20ACV		964		H/W 323
00BBT10 XW95	STN TRFR OIL TEMP	TRIP NORMAL	00BBY01 AA001 X01 037/038	00BYB01 XH 002 AB	Be/2P R/2P	00BBY8001	UVG20ACV		965		H/W 324
00BBT10 XW94	STN TRFR WDG TEMP	TRIP NORMAL	00BBY01 AA001 X01 039/040	00BYB01 XH 002 CD	Gy/2P Y/2P	00BBY8001	UVG20ACV		966		H/W 325
00BBT10 XW35	STN TRFR COOLER FAIL	ALARM NORMAL	00BBY01 AA001 X01 057/058	00BYB01 XH 002 EF	Gn/2P Bn/2P	00BBY8001	UVG20ACV		1057		H/W 416
00BBT10 XW78	STN TRFR 132kV BUS ZONE	TRIP NORMAL	00BBY01 AA001 X01 049/050	00BYB01 XH 003 CD	Gy/3P Y/3P	00BBY8001	UVG20ACV		969		H/W 328
00BBT10 XW55	STN TRFR BUCHOLTZ	ALARM NORMAL	00BBY01 AA001 X01 051/052	00BYB01 XH 003 EF	Gn/3P Bn/3P	00BBY8001	UVG20ACV		970		H/W 329
00BBT10 XW57	STN TRFR OIL TEMP	ALARM NORMAL	00BBY01 AA001 X01 053/054	00BYB01 XH 003 GH	W/3P Bk/3P	00BBY8001	UVG20ACV		971		H/W 330
00BBT10 XW56	STN TRFR WDG TEMP	ALARM NORMAL	00BBY01 AA001 X01 055/056	00BYB01 XH 004 AB	Be/4P R/4P	00BBY8001	UVG20ACV		972		H/W 331
00BBT10 ES002 XW51	STN TRFR PROT MAIN 2 DC	FAIL NORMAL	00BBY01 AA001 X01 003/004	00BYB01 XH 004 GH	W/4P Bk/4P	00BBY8001	UVG20ACV		991		H/W 350
01BBA00 XW54	11kV STN BD 1 BB U/V	ALARM NORMAL	00BBY01 AA001 X01 070/071	00BYB01 XH 005 AB	Be/1O R/1O	00BBY8001	UVG20ACV	I 24 0	975		H/W 334
02BBA00 XW54	11kV STN BD 2 BB U/V	ALARM NORMAL	00BBY01 AA001 X01 074/075	00BYB01 XH 005 CD	Gy/1O Y/1O	00BBY8001	UVG20ACV	I 24 1	976		H/W 335
00BBT10 XW96	STN TRFR OIL LEVEL	LOW NORMAL	00BBY01 AA001 X01 065/066	00BYB01 XH 005 EF	Gn/1O Bn/1O	00BBY8001	UVG20ACV		977		H/W 336

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
00BBT10 XW97	STN TRFR PRD	TRIP NORMAL	00BBY01 AA001 X01 041/042	00BYB01 XH 005 GH	W/1O Bk/1O	00BBY8001	UVG20ACV		978		H/W 337
00BBT10 XW69	STN TRFR TAP CHANGER LOCK/OUT	OPERATED NORMAL	00BBY02 AA001 X04 020/021	00BYB01 XH 006 AB	Be/1P R/1P	00BBY8003	UVG8ACV		979		H/W 338
00BBT10 ES003 XW51	STN TRFR AUX EQUIPMENT DC	FAIL NORMAL	00BBY02 AA001 X01 036/037	00BYB01 XH 006 CD	Gy/1P Y/1P	00BBY8003	UVG8ACV		1095		H/W 454
00BBT10 XW61	STN TRFR 11kV VOLTAGE REGULATOR	FAIL NORMAL	00BBY02 AA001 X01 027/028	00BYB01 XH 006 EF	Gn/1P Bn/1P	00BBY8003	UVG8ACV		1144		H/W 503
00BBT10 XW50	STN TRFR TAP CHG MTR RUN TIME	EXCEEDED NORMAL	00BBY02 AA001 X04 024/025	00BYB01 XH 006 GH	W/1P Bk/1P	00BBY8003	UVG8ACV		980		H/W 339
00BBY05 XW53	11kV STATION BD 1 BUS ZONE PROT	TRIP NORMAL	00BBY05 AA001 TB 084/085	00BYB01 XH 009 AB	Be/1P R/1P	00BBY8006	UVG8ACV		983		H/W 342
00BBY05 XW51	11kV STATION BD 1 BUS ZONE DC	FAIL NORMAL	00BBY05 AA001 TB 082/083	00BYB01 XH 009 CD	Gy/1P Y/1P	00BBY8006	UVG8ACV		984		H/W 343
00BBY05 XW59	11kV STN BD 1 BUS ZONE DISCREP	ALARM NORMAL	00BBY05 AA001 TB 080/081	00BYB01 XH 009 EF	Gn/1P Bn/1P	00BBY8006	UVG8ACV		985		H/W 344
00BBY05 XW60	11kV STN BD 1 BUS ZONE PROT	ISOLATED NORMAL	00BBY05 AA001 TB 078/079	00BYB01 XH 009 GH	W/1P Bk/1P	00BBY8006	UVG8ACV		986		H/W 345
00BBY06 XW53	11kV STN BD 2 BUS ZONE PROT	TRIP NORMAL	00BBY06 AA001 TB 084/085	00BYB01 XH 011 AB	Be/1P R/1P	00BBY8007	UVG8ACV		987		H/W 346
00BBY06 XW51	11kV STN BD 2 BUS ZONE DC	FAIL NORMAL	00BBY06 AA001 TB 082/083	00BYB01 XH 011 CD	Gy/1P Y/1P	00BBY8007	UVG8ACV		988		H/W 347
00BBY06 XW59	11kV STN BD 2 BUS ZONE DISCREP	ALARM NORMAL	00BBY06 AA001 TB 080/081	00BYB01 XH 011 EF	Gn/1P Bn/1P	00BBY8007	UVG8ACV		989		H/W 348
00BBY06 XW60	11kV STN BD 2 BUS ZONE PROT	ISOLATED NORMAL	00BBY06 AA001 TB 077/078	00BYB01 XH 011 GH	W/1P Bk/1P	00BBY8007	UVG8ACV		990		H/W 349
00AEA01 XW51	STN TRFR 132kV BKR CLOSING DC	FAIL NORMAL	00BBY02 AA001 X01 044/045	00BYB01 XH 014 AB	Be/1P R/1P	00BBY8010	UVG4ACV		992		H/W 351
00AEA01 XW49	STN TRFR 132kV BKR SPRING REW DC	FAIL NORMAL	00BBY02 AA001 X01 048/049	00BYB01 XH 014 CD	Gy/1P Y/1P	00BBY8010	UVG4ACV		993		H/W 352
00BDE04 XW51	3 3kV STN DG BD CUB04 DC	FAIL NORMAL	00BDE04 AA001 X05 049/050	00BYB01 XH 017 AB	Be/1P R/1P	00BDE8054	UVG4ACV		996		H/W 355
00BDE04 XW52	3 3kV STN DG BD CUBO4 T/CCT	FAULT NORMAL	00BDE04 AA001 X05 051/052	00BYB01 XH 017 CD	Gy/1P Y/1P	00BDE8054	UVG4ACV		997		H/W 356
00BDE04 XW53	3 3kV STN DG BD CUB04 PROT	TRIP NORMAL	00BDE04 AA001 X05 047/048	00BYB01 XH 017 EF	Gn/1P Bn/1P	00BDE8054	UVG4ACV		998		H/W 357
00BDE00 XW54	3 3kV STN DG BD U/V	ALARM NORMAL	00BDE04 AA001 X05 058/059	00BYB01 XH 017 GH	W/1P Bk/1P	00BDE8054	UVG4ACV	I 24 2	1002		H/W 361
00BDE06 XW51	3 3kV STN DG BD CUB06 DC	FAIL NORMAL	00BDE06 AA001 X05 049/050	00BYB01 XH 018 AB	Be/1P R/1P	00BDE8055	UVG4ACV		999		H/W 358
00BDE06 XW52	3 3kV STN DG BD CUBO6 T/CCT	FAULT NORMAL	00BDE06 AA001 X05 047/048	00BYB01 XH 018 CD	Gy/1P Y/1P	00BDE8055	UVG4ACV		1000		H/W 359
00BDE06 XW53	3 3kV STN DG BD CUB06 PROT	TRIP NORMAL	00BDE06 AA001 X05 038/039	00BYB01 XH 018 EF	Gn/1P Bn/1P	00BDE8055	UVG4ACV		1001		H/W 360
00BDE07 XW51	3 3kV STN DG BD CUB07 DC	FAIL NORMAL	00BDE07 AA001 X03 043/044	00BYB01 XH 019 AB	Be/1P R/1P	00BDE8056	UVG4ACV		1003		H/W 362
00BDE07 XW52	3 3kV STN DG BD CUBO7 T/CCT	FAULT NORMAL	00BDE07 AA001 X03 045/046	00BYB01 XH 019 CD	Gy/1P Y/1P	00BDE8056	UVG4ACV		1004		H/W 363

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
00BDE07 XW53	3 3kV STN DG BD CUB07 PROT	TRIP NORMAL	00BDE07 AA001 X03 047/048	00BYB01 XH 019 EF	Gn/1P Bn/1P	00BDE8056	UVG4ACV		1005		H/W 364
00BDE08 XW51	3 3kV STN DG BD CUB08 DC	FAIL NORMAL	00BDE08 AA001 X03 043/044	00BYB01 XH 020 AB	Be/1P R/1P	00BDE8057	UVG4ACV		1006		H/W 365
00BDE08 XW52	3 3kV STN DG BD CUBO8 T/CCT	FAULT NORMAL	00BDE08 AA001 X03 045/046	00BYB01 XH 020 CD	Gy/1P Y/1P	00BDE8057	UVG4ACV		1007		H/W 366
00BDE08 XW53	3 3kV STN DG BD CUB08 PROT	TRIP NORMAL	00BDE08 AA001 X03 047/048	00BYB01 XH 020 EF	Gn/1P Bn/1P	00BDE8057	UVG4ACV		1008		H/W 367
00BMT21 XW58	3 3kV STN DG BD CUB08 TRFR DC	FAIL NORMAL	00BDE08 AA001 X03 051/052	00BYB01 XH 021 AB	Be/1P R/1P	00BDE8058	UVG4ACV		1009		H/W 368
00BMT21 XW56	3 3kV STN DG BD CUB08 WDG TEMP	ALARM NORMAL	00BDE08 AA001 X03 059/060	00BYB01 XH 021 GH	W/1P Bk/1P	00BDE8058	UVG4ACV		1010		H/W 369
00BMT31 XW55	3 3kV STN DG BD CUB07 BUCHOLTZ	ALARM NORMAL	00BDE07 AA001 X03 057/058	00BYB01 XH 022 AB	Be/1P R/1P	00BDE8059	UVG4ACV		1011		H/W 370
00BMT31 XW57	3 3kV STN DG BD CUB07 OIL TEMP	ALARM NORMAL	00BDE07 AA001 X03 055/056	00BYB01 XH 022 CD	Gy/1P Y/1P	00BDE8059	UVG4ACV		1012		H/W 371
01BBA00 XW51	11kV STATION BD 1 220V DC SUPPLY	FAIL NORMAL	01BBA14 AA001 X03 003/004	00BYB01 XH 023 AB	Be/1P R/1P	01BBA8068	UVG4ACV		1101		H/W 460
00BMJ00 XW51	380V WATER PLNT ESS BD DC	FAIL NORMAL	00BMJ02 AA001 X05 137/138	00BYB01 XH 024 AB	Be/1P R/1P	00BMJ8005	UVG4ACV		1013		H/W 372
00BMJ00 XW54	380V WATER PLNT ESS BD U/V	ALARM NORMAL	00BMJ02 AA001 X05 170/171	00BYB01 XH 024 CD	Gy/1P Y/1P	00BMJ8005	UVG4ACV	I 24 3	1014		H/W 373
00XKA10 XW96	3 3kV STN DG GEN FUEL	LOW NORMAL	00BMY01 AA001 X05 127/128	00BYB01 XH 025 AB	Be/1P R/1P	00BMY8001	UVG8ACV		1015		H/W 374
00XKA10 XW65	3 3kV STN DG URGENT ALARMS	ALARM NORMAL	00BMY01 AA001 X05 121/122	00BYB01 XH 025 CD	Gy/1P Y/1P	00BMY8001	UVG8ACV		1016		H/W 375
00XKA10 XB01	3 3kV STATION DIESEL GENERATOR	RUNNING STOPPED	00BMY01 AA001 X05 129/130	00BYB01 XH 025 EF	Gn/1P Bn/1P	00BMY8001	UVG8ACV		1017		H/W 376
00XKA10 XW64	3 3kV STN DG SYSTEM UNHEALTHY	ALARM NORMAL	00BMY01 AA001 X05 123/124	00BYB01 XH 025 GH	W/1P Bk/1P	00BMY8001	UVG8ACV		1018		H/W 377
00BMY00 XW64	3 3kV STN DG ALARM PANEL	ACTIVE NORMAL	00BMY01 AA001 X05 149/150	00BYB01 XH 026 AB	Be/2P R/2P	00BMY8001	UVG8ACV		1019		H/W 378
00AEA01 GS302 XW53	STN TRFR 132kV BKR PROT	TRIP NORMAL	00UAA10 GA001 X01 017/018	00BYB01 XH 027 EF	Gn/1P Bn/1P	00BYB8002	UVG4ACV		1020		H/W 379
01BBA01 XW51	11kV STATION BD 1 CUB01 DC	FAIL NORMAL	01BBA01 AA001 X03 020/019	00BYB01 XH 028 AB	Be/1P R/1P	01BBA8051	UVG4ACV		1021		H/W 380
01BBA01 XW52	11kV STATION BD 1 CUB01 T/CCT	FAULT NORMAL	01BBA01 AA001 X03 023/024	00BYB01 XH 028 CD	Gy/1P Y/1P	01BBA8051	UVG4ACV		1022		H/W 381
01BBA01 XW53	11kV STATION BD 1 CUB01 PROT	TRIP NORMAL	01BBA01 AA001 X03 021/022	00BYB01 XH 028 EF	Gn/1P Bn/1P	01BBA8051	UVG4ACV		1023		H/W 382
01BBA02 XW51	11kV STATION BD 1 CUB02 DC	FAIL NORMAL	01BBA02 AA001 X03 019/020	00BYB01 XH 029 AB	Be/1P R/1P	01BBA8052	UVG4ACV		1024		H/W 383
01BBA02 XW52	11kV STATION BD 1 CUB02 T/CCT	FAULT NORMAL	01BBA02 AA001 X03 023/024	00BYB01 XH 029 CD	Gy/1P Y/1P	01BBA8052	UVG4ACV		1025		H/W 384
01BBA02 XW53	11kV STATION BD 1 CUB02 PROT	TRIP NORMAL	01BBA02 AA001 X03 021/022	00BYB01 XH 029 EF	Gn/1P Bn/1P	01BBA8052	UVG4ACV		1026		H/W 385
01BBA03 XW51	11kV STATION BD 1 CUB03 DC	FAIL NORMAL	01BBA03 AA001 X03 019/020	00BYB01 XH 030 AB	Be/1P R/1P	01BBA8053	UVG4ACV		1027		H/W 386

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
01BBA03 XW52	11kV STATION BD 1 CUB03 T/CCT	FAULT NORMAL	01BBA03 AA001 X03 023/024	00BYB01 XH 030 CD	Gy/1P Y/1P	01BBA8053	UVG4ACV		1028		H/W 387
01BBA03 XW53	11kV STATION BD 1 CUB03 PROT	TRIP NORMAL	01BBA03 AA001 X03 021/022	00BYB01 XH 030 EF	Gn/1P Bn/1P	01BBA8053	UVG4ACV		1029		H/W 388
01BBA04 XW51	11kV STATION BD 1 CUB04 DC	FAIL NORMAL	01BBA04 AA001 X03 031/032	00BYB01 XH 031 AB	Be/1P R/1P	01BBA8054	UVG4ACV		1030		H/W 389
01BBA04 XW52	11kV STATION BD 1 CUB04 T/CCT	FAULT NORMAL	01BBA04 AA001 X03 033/034	00BYB01 XH 031 CD	Gy/1P Y/1P	01BBA8054	UVG4ACV		1031		H/W 390
01BBA04 XW53	11kV STATION BD 1 CUB04 PROT	TRIP NORMAL	01BBA04 AA001 X03 035/036	00BYB01 XH 031 EF	Gn/1P Bn/1P	01BBA8054	UVG4ACV		1032		H/W 391
01BBA05 XW51	11kV STATION BD 1 CUB05 DC	FAIL NORMAL	01BBA05 AA001 X03 028/027	00BYB01 XH 032 AB	R/1P Be/1P	01BBA8055	UVG4ACV		1033		H/W 392
01BBA05 XW52	11kV STATION BD 1 CUB05 T/CCT	FAULT NORMAL	01BBA05 AA001 X03 031/032	00BYB01 XH 032 CD	Gy/1P Y/1P	01BBA8055	UVG4ACV		1034		H/W 393
01BBA05 XW53	11kV STATION BD 1 CUB05 PROT	TRIP NORMAL	01BBA05 AA001 X03 029/030	00BYB01 XH 032 EF	Gn/1P Bn/1P	01BBA8055	UVG4ACV		1035		H/W 394
01BBA06 XW51	11kV STATION BD 1 CUB06 DC	FAIL NORMAL	01BBA06 AA001 X03 045/046	00BYB01 XH 033 AB	Be/1P R/1P	01BBA8056	UVG8ACV		1036		H/W 395
01BBA06 XW52	11kV STATION BD 1 CUB06 T/CCT	FAULT NORMAL	01BBA06 AA001 X03 047/048	00BYB01 XH 033 CD	Gy/1P Y/1P	01BBA8056	UVG8ACV		1037		H/W 396
01BBA06 XW53	11kV STATION BD 1 CUB06 PROT	TRIP NORMAL	01BBA06 AA001 X03 049/050	00BYB01 XH 033 EF	Gn/1P Bn/1P	01BBA8056	UVG8ACV		1038		H/W 397
00BDT61 XW55	11kV STN BD 1 CUBO6 BUCHOLTZ	ALARM NORMAL	01BBA06 AA001 X03 055/056	00BYB01 XH 034 AB	Be/2P R/2P	01BBA8056	UVG8ACV		1039		H/W 398
00BDT61 XW57	11kV STN BD 1 CUB06 OIL TEMP	ALARM NORMAL	01BBA06 AA001 X03 057/058	00BYB01 XH 034 CD	Gy/2P Y/2P	01BBA8056	UVG8ACV		1040		H/W 399
01BBA07 XW51	11kV STATION BD 1 CUB07 DC	FAIL NORMAL	01BBA07 AA001 X03 031/032	00BYB01 XH 035 AB	Be/1P R/1P	01BBA8057	UVG8ACV		1041		H/W 400
01BBA07 XW52	11kV STATION BD 1 CUB07 T/CCT	FAULT NORMAL	01BBA07 AA001 X03 033/034	00BYB01 XH 035 CD	Gy/1P Y/1P	01BBA8057	UVG8ACV		1042		H/W 401
01BBA07 XW53	11kV STATION BD 1 CUB07 PROT	TRIP NORMAL	01BBA07 AA001 X03 035/036	00BYB01 XH 035 EF	Gn/1P Bn/1P	01BBA8057	UVG8ACV		1043		H/W 402
20BFT21 XW56	11kV STN BD 1 CUB07 WDG TEMP	ALARM NORMAL	01BBA07 AA001 X03 044/045	00BYB01 XH 035 GH	W/1P Bk/1P	01BBA8057	UVG8ACV		1044		H/W 403
20BFT21 XW58	11kV STN BD 1 CUB07 TRFR DC	FAIL NORMAL	01BBA07 AA001 X03 046/047	00BYB01 XH 036 EF	Gn/2P Bn/2P	01BBA8057	UVG8ACV		1045		H/W 404
01BBA08 XW51	11kV STATION BD 1 CUB08 DC	FAIL NORMAL	01BBA08 AA001 X03 031/032	00BYB01 XH 037 AB	Be/1P R/1P	01BBA8058	UVG8ACV		1046		H/W 405
01BBA08 XW52	11kV STATION BD 1 CUB08 T/CCT	FAULT NORMAL	01BBA08 AA001 X03 033/034	00BYB01 XH 037 CD	Gy/1P Y/1P	01BBA8058	UVG8ACV		1047		H/W 406
01BBA08 XW53	11kV STATION BD 1 CUB08 PROT	TRIP NORMAL	01BBA08 AA001 X03 035/036	00BYB01 XH 037 EF	Gn/1P Bn/1P	01BBA8058	UVG8ACV		1048		H/W 407
20BLT11 XW56	11kV STN BD 1 CUB08 WDG TEMP	ALARM NORMAL	01BBA08 AA001 X03 044/045	00BYB01 XH 037 GH	W/1P Bk/1P	01BBA8058	UVG8ACV		1049		H/W 408
20BLT11 XW58	11kV STN BD 1 CUB08 TRFR DC	FAIL NORMAL	01BBA08 AA001 X03 046/047	00BYB01 XH 038 EF	Gn/2P Bn/2P	01BBA8058	UVG8ACV		1050		H/W 409
01BBA09 XW51	11kV STATION BD 1 CUB09 DC	FAIL NORMAL	01BBA09 AA001 X03 031/032	00BYB01 XH 039 AB	Be/1P R/1P	01BBA8059	UVG8ACV		1051		H/W 410

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
01BBA09	XW52	11kV STATION BD 1 CUB09 T/CCT	FAULT NORMAL	01BBA09 AA001 X03 033/034	00BYB01 XH 039 CD	Gy/1P Y/1P	01BBA8059	UVG8ACV		1052		H/W 411
01BBA09	XW53	11kV STATION BD 1 CUB09 PROT	TRIP NORMAL	01BBA09 AA001 X03 035/036	00BYB01 XH 039 EF	Gn/1P Bn/1P	01BBA8059	UVG8ACV		1053		H/W 412
00BDT11	XW56	11kV STN BD 1 CUB09 WDG TEMP	ALARM NORMAL	01BBA09 AA001 X03 045/046	00BYB01 XH 039 GH	W/1P Bk/1P	01BBA8059	UVG8ACV		1054		H/W 413
00BDT11	XW55	11kV STN BD 1 CUBO9 BUCHOLTZ	ALARM NORMAL	01BBA09 AA001 X03 041/042	00BYB01 XH 040 AB	Be/2P R/2P	01BBA8059	UVG8ACV		1055		H/W 414
00BDT11	XW57	11kV STN BD 1 CUB09 OIL TEMP	ALARM NORMAL	01BBA09 AA001 X03 043/044	00BYB01 XH 040 CD	Gy/2P Y/2P	01BBA8059	UVG8ACV		1056		H/W 415
01BBA10	XW51	11kV STATION BD 1 CUB10 DC	FAIL NORMAL	01BBA10 AA001 X03 031/032	00BYB01 XH 041 AB	Be/1P R/1P	01BBA8060	UVG8ACV		1058		H/W 417
01BBA10	XW52	11kV STATION BD 1 CUB10 T/CCT	FAULT NORMAL	01BBA10 AA001 X03 033/034	00BYB01 XH 041 CD	Gy/1P Y/1P	01BBA8060	UVG8ACV		1059		H/W 418
01BBA10	XW53	11kV STATION BD 1 CUB10 PROT	TRIP NORMAL	01BBA10 AA001 X03 035/036	00BYB01 XH 041 EF	Gn/1P Bn/1P	01BBA8060	UVG8ACV		1060		H/W 419
00BHT51	XW56	11kV STN BD 1 CUB10 WDG TEMP	ALARM NORMAL	01BBA10 AA001 X03 044/045	00BYB01 XH 041 GH	W/1P Bk/1P	01BBA8060	UVG8ACV		1061		H/W 420
00BHT51	XW58	11kV STN BD 1 CUB10 TRFR DC	FAIL NORMAL	01BBA10 AA001 X03 046/047	00BYB01 XH 042 EF	Gn/2P Bn/2P	01BBA8060	UVG8ACV		1062		H/W 421
01BBA11	XW51	11kV STATION BD 1 CUB11 DC	FAIL NORMAL	01BBA11 AA001 X03 031/032	00BYB01 XH 043 AB	Be/1P R/1P	01BBA8061	UVG8ACV		1063		H/W 422
01BBA11	XW52	11kV STATION BD 1 CUB11 T/CCT	FAULT NORMAL	01BBA11 AA001 X03 033/034	00BYB01 XH 043 CD	Gy/1P Y/1P	01BBA8061	UVG8ACV		1064		H/W 423
01BBA11	XW53	11kV STATION BD 1 CUB11 PROT	TRIP NORMAL	01BBA11 AA001 X03 035/036	00BYB01 XH 043 EF	Gn/1P Bn/1P	01BBA8061	UVG8ACV		1065		H/W 424
00BHT41	XW55	11kV STN BD 1 CUB11 BUCHOLTZ	ALARM NORMAL	01BBA11 AA001 X03 040/041	00BYB01 XH 044 AB	Be/2P R/2P	01BBA8061	UVG8ACV		1066		H/W 425
00BHT41	XW57	11kV STN BD 1 CUB11 OIL TEMP	ALARM NORMAL	01BBA11 AA001 X03 042/043	00BYB01 XH 044 CD	Gy/2P Y/2P	01BBA8061	UVG8ACV		1067		H/W 426
01BBA12	XW51	11kV STATION BD 1 CUB12 DC	FAIL NORMAL	01BBA12 AA001 X03 031/032	00BYB01 XH 045 AB	Be/1P R/1P	01BBA8062	UVG8ACV		1068		H/W 427
01BBA12	XW52	11kV STATION BD 1 CUB12 T/CCT	FAULT NORMAL	01BBA12 AA001 X03 033/034	00BYB01 XH 045 CD	Gy/1P Y/1P	01BBA8062	UVG8ACV		1069		H/W 428
01BBA12	XW53	11kV STATION BD 1 CUB12 PROT	TRIP NORMAL	01BBA12 AA001 X03 035/036	00BYB01 XH 045 EF	Gn/1P Bn/1P	01BBA8062	UVG8ACV		1070		H/W 429
00BHT20	XW55	11kV STN BD 1 CUB12 BUCHOLTZ	ALARM NORMAL	01BBA12 AA001 X03 040/041	00BYB01 XH 046 AB	Be/2P R/2P	01BBA8062	UVG8ACV		1071		H/W 430
00BHT20	XW57	11kV STN BD 1 CUB12 OIL TEMP	ALARM NORMAL	01BBA12 AA001 X03 042/043	00BYB01 XH 046 CD	Gy/2P Y/2P	01BBA8062	UVG8ACV		1072		H/W 431
01BBA13	XW51	11kV STATION BD 1 CUB13 DC	FAIL NORMAL	01BBA13 AA001 X03 031/032	00BYB01 XH 047 AB	Be/1P R/1P	01BBA8063	UVG4ACV		1073		H/W 432
01BBA13	XW52	11kV STATION BD 1 CUB13 T/CCT	FAULT NORMAL	01BBA13 AA001 X03 033/034	00BYB01 XH 047 CD	Gy/1P Y/1P	01BBA8063	UVG4ACV		1074		H/W 433
01BBA13	XW53	11kV STATION BD 1 CUB13 PROT	TRIP NORMAL	01BBA13 AA001 X03 035/036	00BYB01 XH 047 EF	Gn/1P Bn/1P	01BBA8063	UVG4ACV		1075		H/W 434
00BHT11	XW55	11kV STN BD 1 CUB13 BUCHOLTZ	ALARM NORMAL	01BBA13 AA001 X03 040/041	00BYB01 XH 047 GH	W/1P Bk/1P	01BBA8063	UVG4ACV		1076		H/W 435

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
00BHT11	XW57	11kV STN BD 1 CUB13 OIL TEMP	ALARM NORMAL	01BBA13 AA001 X03 042/043	00BYB01 XH 048 AB	Be/1P R/1P	01BBA8064	UVG4ACV		1077		H/W 436
01BBA16	XW51	11kV STATION BD 1 CUB16 DC	FAIL NORMAL	01BBA16 AA001 X03 031/032	00BYB01 XH 049 AB	Be/1P R/1P	01BBA8065	UVG8ACV		1078		H/W 437
01BBA16	XW52	11kV STATION BD 1 CUB16 T/CCT	FAULT NORMAL	01BBA16 AA001 X03 033/034	00BYB01 XH 049 CD	Gy/1P Y/1P	01BBA8065	UVG8ACV		1079		H/W 438
01BBA16	XW53	11kV STATION BD 1 CUB16 PROT	TRIP NORMAL	01BBA16 AA001 X03 035/036	00BYB01 XH 049 EF	Gn/1P Bn/1P	01BBA8065	UVG8ACV		1080		H/W 439
00BHT31	XW55	11kV STN BD 1 CUB16 BUCHOLTZ	ALARM NORMAL	01BBA16 AA001 X03 040/041	00BYB01 XH 050 AB	Be/2P R/2P	01BBA8065	UVG8ACV		1081		H/W 440
00BHT31	XW57	11kV STN BD 1 CUB16 OIL TEMP	ALARM NORMAL	01BBA16 AA001 X03 042/043	00BYB01 XH 050 CD	Gy/2P Y/2P	01BBA8065	UVG8ACV		1082		H/W 441
01BBA17	XW51	11kV STATION BD 1 CUB17 DC	FAIL NORMAL	01BBA17 AA001 X03 031/032	00BYB01 XH 051 AB	Be/1P R/1P	01BBA8066	UVG8ACV		1083		H/W 442
01BBA17	XW52	11kV STATION BD 1 CUB17 T/CCT	FAULT NORMAL	01BBA17 AA001 X03 033/034	00BYB01 XH 051 CD	Gy/1P Y/1P	01BBA8066	UVG8ACV		1084		H/W 443
01BBA17	XW53	11kV STN BD 1 CUB17 PROT	TRIP NORMAL	01BBA17 AA001 X03 035/036	00BYB01 XH 051 EF	Gn/1P Bn/1P	01BBA8066	UVG8ACV		1085		H/W 444
00BHT21	XW56	11kV STN BD 1 CUB17 WDG TEMP	ALARM NORMAL	01BBA17 AA001 X03 044/045	00BYB01 XH 051 GH	W/1P Bk/1P	01BBA8066	UVG8ACV		1086		H/W 445
00BHT21	XW58	11kV STN BD 1 CUB17 TRFR DC	FAIL NORMAL	01BBA17 AA001 X03 046/047	00BYB01 XH 052 EF	Gn/2P Bn/2P	01BBA8066	UVG8ACV		1087		H/W 446
01BDA01	XW51	3 3kV STN SERV BD 1A CUB01 DC	FAIL NORMAL	01BDA01 AA001 X03 004/003	00BYB01 XH 053 AB	R/1P Be/1P	01BDA8004	UVG4ACV		1088		H/W 447
01BDA01	XW52	3 3kV STN SERV BD 1A CUB01 T/CCT	FAULT NORMAL	01BDA01 AA001 X03 005/006	00BYB01 XH 053 CD	Gy/1P Y/1P	01BDA8004	UVG4ACV		1089		H/W 448
01BDA00	XW54	3 3kV STN SERVICE BD 1A U/V	ALARM NORMAL	01BDA01 AA001 X03 007/008	00BYB01 XH 053 EF	Gn/1P Bn/1P	01BDA8004	UVG4ACV	I 24 4	1090		H/W 449
02BDA00	XW54	3 3kV STN SERVICE BD 1B U/V	ALARM NORMAL	01BDA01 AA001 X03 009/010	00BYB01 XH 053 GH	W/1P Bk/1P	01BDA8004	UVG4ACV	I 24 5	1091		H/W 450
01BDA02	XW51	3 3kV STN SERV BD 1A CUB02 DC	FAIL NORMAL	01BDA02 AA001 X03 025/026	00BYB01 XH 054 AB	R/1P Be/1P	01BDA8005	UVG4ACV		1092		H/W 451
01BDA02	XW52	3 3kV STN SERV BD 1A CUB02 T/CCT	FAULT NORMAL	01BDA02 AA001 X03 029/030	00BYB01 XH 054 CD	Gy/1P Y/1P	01BDA8005	UVG4ACV		1093		H/W 452
01BDA02	XW53	3 3kV STN SERV BD 1A CUB02 PROT	TRIP NORMAL	01BDA02 AA001 X03 027/028	00BYB01 XH 054 EF	Gn/1P Bn/1P	01BDA8005	UVG4ACV		1094		H/W 453
01BDA00	XW51	3 3kV STN SERV BD 1A MTR's DC	FAIL NORMAL	01BDA03 AA001 X03 029/030	00BYB01 XH 055 AB	Be/1P R/1P	01BDA8057	UVG4ACV		1104		H/W 463
01BDA00	XW52	3 3kV STN SERV BD 1A MTR's T/CCT	FAULT NORMAL	01BDA03 AA001 X03 031/032	00BYB01 XH 055 CD	Gy/1P Y/1P	01BDA8057	UVG4ACV		1105		H/W 464
01BDA00	XW53	3 3kV STN SERV BD 1A MTR's PROT	TRIP NORMAL	01BDA03 AA001 X03 035/036	00BYB01 XH 055 EF	Gn/1P Bn/1P	01BDA8057	UVG4ACV		1106		H/W 465
01BHA00	XW51	380V WATER PLANT BD 1 DC	FAIL NORMAL	01BHA02 AA001 X05 137/138	00BYB01 XH 056 AB	Be/1P R/1P	01BHA8073	UVG4ACV		1096		H/W 455
01BHA00	XW54	380V WATER PLANT BOARD 1A U/V	ALARM NORMAL	01BHA02 AA001 X05 170/171	00BYB01 XH 056 CD	Gy/1P Y/1P	01BHA8073	UVG4ACV	I 24 6	1097		H/W 456
01BHB00	XW51	380V L P SERVICES BD DC	FAIL NORMAL	01BHB01 AA001 X05 137/138	00BYB01 XH 057 AB	Be/1P R/1P	01BHB8001	UVG4ACV		1098		H/W 457

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
01BHB00 XW54	380V L P SERVICES BD A U/V	ALARM NORMAL	01BHB02 AA001 X05 170/171	00BYB01 XH 058 CD	Gy/1P Y/1P	01BHB8002	UVG4ACV	I 24 7	1100		H/W 459
01BDA00 EH001 XW51	3 3kV STN SERV BD 1 220V DC SUP	FAIL NORMAL	01BDA01 AA001 X03 011/012	00BYB01 XH 059 AB	Be/1P R/1P	01BDA8058	UVG4ACV		1188		H/W 547
01BHC00 XW51	380V STN SERV BLD BD DC	FAIL NORMAL	01BHC02 AA001 X05 137/138	00BYB01 XH 060 AB	Be/1P R/1P	01BHC8002	UVG4ACV		1102		H/W 461
01BHC00 XW54	380V STN SERV BLD BD 1A U/V	ALARM NORMAL	01BHC02 AA001 X05 170/171	00BYB01 XH 060 CD	Gy/1P Y/1P	01BHC8002	UVG4ACV	I 25 0	1103		H/W 462
01BUA02 XW27	220V DC STN BD 1 EARTH FAULT	ALARM NORMAL	01BUA02 AA001 X02 004/005	00BYB01 XH 063 AB	Be/1P R/1P	01BUA8001	UVG4ACV		1107		H/W 466
01BUA02 XW54	220V DC STN BD 1 SUPPLY	FAIL NORMAL	01BUA02 AA001 X02 001/003	00BYB01 XH 063 EF	Gn/1P Bn/1P	01BUA8001	UVG4ACV		1108		H/W 467
00BHT42 XW57	11kV STN BD 2 CUB04 OIL TEMP	ALARM NORMAL	02BBA04 AA001 X03 042/043	00BYB01 XH 064 AB	Be/1P R/1P	02BBA8019	UVG4ACV		1109		H/W 468
00BHT52 XW58	11kV STN BD 2 CUB05 TRFR DC	FAIL NORMAL	02BBA05 AA001 X03 046/047	00BYB01 XH 065 AB	Be/1P R/1P	02BBA8020	UVG4ACV		1110		H/W 469
10BLT11 XW58	11kV STN BD 2 CUB07 TRFR DC	FAIL NORMAL	02BBA07 AA001 X03 046/047	00BYB01 XH 066 AB	Be/1P R/1P	02BBA8021	UVG4ACV		1111		H/W 470
10BFT21 XW58	11kV STN BD 2 CUB08 TRFR DC	FAIL NORMAL	02BBA08 AA001 X03 046/047	00BYB01 XH 067 AB	Be/1P R/1P	02BBA8022	UVG4ACV		1112		H/W 471
00BHT32 XW57	11kV STN BD 2 CUB16 OIL TEMP	ALARM NORMAL	02BBA16 AA001 X03 042/043	00BYB01 XH 068 AB	Be/1P R/1P	02BBA8023	UVG4ACV		1113		H/W 472
02BBA18 XW51	11kV STATION BD 2 CUB18 DC	FAIL NORMAL	02BBA18 AA001 X03 031/032	00BYB01 XH 070 AB	Be/1P R/1P	02BBA8025	UVG8ACV		1115		H/W 474
02BBA18 XW52	11kV STATION BD 2 CUB18 T/CCT	FAULT NORMAL	02BBA18 AA001 X03 033/034	00BYB01 XH 070 CD	Gy/1P Y/1P	02BBA8025	UVG8ACV		1116		H/W 475
02BBA18 XW53	11kV STATION BD 2 CUB18 PROT	TRIP NORMAL	02BBA18 AA001 X03 035/036	00BYB01 XH 070 EF	Gn/1P Bn/1P	02BBA8025	UVG8ACV		1117		H/W 476
00BHT33 XW58	11kV STN BD 2 CUB 18 TRFR DC	FAIL NORMAL	02BBA18 AA001 X03 046/047	00BYB01 XH 071 AB	Be/2P R/2P	02BBA8025	UVG8ACV		1118		H/W 477
00BHT33 XW56	11kV STN BD 2 CUB18 WDG TEMP	ALARM NORMAL	02BBA18 AA001 X03 044/045	00BYB01 XH 071 GH	W/2P Bk/2P	02BBA8025	UVG8ACV		1119		H/W 478
00BHT12 XW57	11kV STN BD 2 CUB02 OIL TEMP	ALARM NORMAL	02BBA02 AA001 X03 042/043	00BYB01 XH 072 AB	Be/1P R/1P	02BBA8051	UVG8ACV		1120		H/W 479
02BBA02 XW51	11kV STATION BD 2 CUB02 DC	FAIL NORMAL	02BBA02 AA001 X03 031/032	00BYB01 XH 073 AB	Be/1P R/1P	02BBA8052	UVG8ACV		1121		H/W 480
02BBA02 XW52	11kV STATION BD 2 CUB02 T/CCT	FAULT NORMAL	02BBA02 AA001 X03 033/034	00BYB01 XH 073 CD	Gy/1P Y/1P	02BBA8052	UVG8ACV		1122		H/W 481
02BBA02 XW53	11kV STATION BD 2 CUB02 PROT	TRIP NORMAL	02BBA02 AA001 X03 035/036	00BYB01 XH 073 EF	Gn/1P Bn/1P	02BBA8052	UVG8ACV		1123		H/W 482
00BHT12 XW55	11kV STN BD 2 CUB02 BUCHOLTZ	ALARM NORMAL	02BBA02 AA001 X03 040/041	00BYB01 XH 073 GH	W/1P Bk/1P	02BBA8052	UVG8ACV		1124		H/W 483
02BBA03 XW51	11kV STATION BD 2 CUB03 DC	FAIL NORMAL	02BBA03 AA001 X03 031/032	00BYB01 XH 075 AB	Be/1P R/1P	02BBA8053	UVG8ACV		1125		H/W 484
02BBA03 XW52	11kV STATION BD 2 CUB03 T/CCT	FAULT NORMAL	02BBA03 AA001 X03 033/034	00BYB01 XH 075 CD	Gy/1P Y/1P	02BBA8053	UVG8ACV		1126		H/W 485
02BBA03 XW53	11kV STATION BD 2 CUB03 PROT	TRIP NORMAL	02BBA03 AA001 X03 035/036	00BYB01 XH 075 EF	Gn/1P Bn/1P	02BBA8053	UVG8ACV		1127		H/W 486

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
00BHU11	XW56	11kV STN BD 2 CUB03 WDG TEMP	ALARM NORMAL	02BBA03 AA001 X03 040/041	00BYB01 XH 075 GH	W/1P Bk/1P	02BBA8053	UVG8ACV		1128		H/W 487
00BHU11	XW57	11kV STN BD 2 CUB03 TRFR DC	FAIL NORMAL	02BBA03 AA001 X03 042/043	00BYB01 XH 076 AB	Be/2P R/2P	02BBA8053	UVG8ACV		1129		H/W 488
02BBA04	XW51	11kV STATION BD 2 CUB04 DC	FAIL NORMAL	02BBA04 AA001 X03 031/032	00BYB01 XH 077 AB	Be/1P R/1P	02BBA8054	UVG4ACV		1130		H/W 489
02BBA04	XW52	11kV STATION BD 2 CUB04 T/CCT	FAULT NORMAL	02BBA04 AA001 X03 033/034	00BYB01 XH 077 CD	Gy/1P Y/1P	02BBA8054	UVG4ACV		1131		H/W 490
02BBA04	XW53	11kV STATION BD 2 CUB04 PROT	TRIP NORMAL	02BBA04 AA001 X03 035/036	00BYB01 XH 077 EF	Gn/1P Bn/1P	02BBA8054	UVG4ACV		1132		H/W 491
00BHT42	XW55	11kV STN BD 2 CUB04 BUCHOLTZ	ALARM NORMAL	02BBA04 AA001 X03 040/041	00BYB01 XH 077 GH	W/1P Bk/1P	02BBA8054	UVG4ACV		1133		H/W 492
02BBA05	XW51	11kV STATION BD 2 CUB05 DC	FAIL NORMAL	02BBA05 AA001 X03 031/032	00BYB01 XH 078 AB	Be/1P R/1P	02BBA8055	UVG4ACV		1134		H/W 493
02BBA05	XW52	11kV STATION BD 2 CUB05 T/CCT	FAULT NORMAL	02BBA05 AA001 X03 033/034	00BYB01 XH 078 CD	Gy/1P Y/1P	02BBA8055	UVG4ACV		1135		H/W 494
02BBA05	XW53	11kV STATION BD 2 CUB05 PROT	TRIP NORMAL	02BBA05 AA001 X03 035/036	00BYB01 XH 078 EF	Gn/1P Bn/1P	02BBA8055	UVG4ACV		1136		H/W 495
00BHT52	XW56	11kV STN BD 2 CUB05 WDG TEMP	ALARM NORMAL	02BBA05 AA001 X03 044/045	00BYB01 XH 078 GH	W/1P Bk/1P	02BBA8055	UVG4ACV		1137		H/W 496
02BBA06	XW51	11kV STATION BD 2 CUB06 DC	FAIL NORMAL	02BBA06 AA001 X03 031/032	00BYB01 XH 079 AB	Be/1P R/1P	02BBA8056	UVG8ACV		1138		H/W 497
02BBA06	XW52	11kV STATION BD 2 CUB06 T/CCT	FAULT NORMAL	02BBA06 AA001 X03 033/034	00BYB01 XH 079 CD	Gy/1P Y/1P	02BBA8056	UVG8ACV		1139		H/W 498
02BBA06	XW53	11kV STATION BD 2 CUB06 PROT	TRIP NORMAL	02BBA06 AA001 X03 035/036	00BYB01 XH 079 EF	Gn/1P Bn/1P	02BBA8056	UVG8ACV		1140		H/W 499
00BDT12	XW55	11kV STN BD 2 CUB06 BUCHOLTZ	ALARM NORMAL	02BBA06 AA001 X03 040/041	00BYB01 XH 079 GH	W/1P Bk/1P	02BBA8056	UVG8ACV		1141		H/W 500
00BDT12	XW57	11kV STN BD 2 CUB06 OIL TEMP	ALARM NORMAL	02BBA06 AA001 X03 042/043	00BYB01 XH 080 AB	Be/2P R/2P	02BBA8056	UVG8ACV		1142		H/W 501
00BDT12	XW56	11kV STN BD 2 CUB06 WDG TEMP	ALARM NORMAL	02BBA06 AA001 X03 044/045	00BYB01 XH 080 CD	Gy/2P Y/2P	02BBA8056	UVG8ACV		1143		H/W 502
02BBA07	XW51	11kV STATION BD 2 CUB07 DC	FAIL NORMAL	02BBA07 AA001 X03 031/032	00BYB01 XH 081 AB	Be/1P R/1P	02BBA8057	UVG4ACV		1145		H/W 504
02BBA07	XW52	11kV STATION BD 2 CUB07 T/CCT	FAULT NORMAL	02BBA07 AA001 X03 033/034	00BYB01 XH 081 CD	Gy/1P Y/1P	02BBA8057	UVG4ACV		1146		H/W 505
02BBA07	XW53	11kV STATION BD 2 CUB07 PROT	TRIP NORMAL	02BBA07 AA001 X03 035/036	00BYB01 XH 081 EF	Gn/1P Bn/1P	02BBA8057	UVG4ACV		1147		H/W 506
10BLT11	XW56	11kV STN BD 2 CUB07 WDG TEMP	ALARM NORMAL	02BBA07 AA001 X03 044/045	00BYB01 XH 081 GH	W/1P Bk/1P	02BBA8057	UVG4ACV		1148		H/W 507
02BBA08	XW51	11kV STATION BD 2 CUB08 DC	FAIL NORMAL	02BBA08 AA001 X03 031/032	00BYB01 XH 082 AB	Be/1P R/1P	02BBA8058	UVG4ACV		1149		H/W 508
02BBA08	XW52	11kV STATION BD 2 CUB08 T/CCT	FAULT NORMAL	02BBA08 AA001 X03 033/034	00BYB01 XH 082 CD	Gy/1P Y/1P	02BBA8058	UVG4ACV		1150		H/W 509
02BBA08	XW53	11kV STATION BD 2 CUB08 PROT	TRIP NORMAL	02BBA08 AA001 X03 035/036	00BYB01 XH 082 EF	Gn/1P Bn/1P	02BBA8058	UVG4ACV		1151		H/W 510
10BFT21	XW56	11kV STN BD 2 CUB08 WDG TEMP	ALARM NORMAL	02BBA08 AA001 X03 044/045	00BYB01 XH 082 GH	W/1P Bk/1P	02BBA8058	UVG4ACV		1152		H/W 511

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
02BBA09	XW51	11kV STATION BD 2 CUB09 DC	FAIL NORMAL	02BBA09 AA001 X03 031/032	00BYB01 XH 083 AB	Be/1P R/1P	02BBA8059	UVG4ACV		1153		H/W 512
02BBA09	XW52	11kV STATION BD 2 CUB09 T/CCT	FAULT NORMAL	02BBA09 AA001 X03 033/034	00BYB01 XH 083 CD	Gy/1P Y/1P	02BBA8059	UVG4ACV		1154		H/W 513
02BBA09	XW53	11kV STATION BD 2 CUB09 PROT	TRIP NORMAL	02BBA09 AA001 X03 035/036	00BYB01 XH 083 EF	Gn/1P Bn/1P	02BBA8059	UVG4ACV		1155		H/W 514
02BBA10	XW51	11kV STATION BD 2 CUB10 DC	FAIL NORMAL	02BBA10 AA001 X03 027/028	00BYB01 XH 084 AB	Be/1P R/1P	02BBA8060	UVG4ACV		1156		H/W 515
02BBA10	XW52	11kV STATION BD 2 CUB10 T/CCT	FAULT NORMAL	02BBA10 AA001 X03 031/032	00BYB01 XH 084 CD	Gy/1P Y/1P	02BBA8060	UVG4ACV		1157		H/W 516
02BBA10	XW53	11kV STATION BD 2 CUB10 PROT	TRIP NORMAL	02BBA10 AA001 X03 029/030	00BYB01 XH 084 EF	Gn/1P Bn/1P	02BBA8060	UVG4ACV		1158		H/W 517
02BBA11	XW51	11kV STATION BD 2 CUB11 DC	FAIL NORMAL	02BBA11 AA001 X03 045/046	00BYB01 XH 085 AB	Be/1P R/1P	02BBA8061	UVG4ACV		1159		H/W 518
02BBA11	XW52	11kV STATION BD 2 CUB11 T/CCT	FAULT NORMAL	02BBA11 AA001 X03 047/048	00BYB01 XH 085 CD	Gy/1P Y/1P	02BBA8061	UVG4ACV		1160		H/W 519
02BBA11	XW53	11kV STATION BD 2 CUB11 PROT	TRIP NORMAL	02BBA11 AA001 X03 049/050	00BYB01 XH 085 EF	Gn/1P Bn/1P	02BBA8061	UVG4ACV		1161		H/W 520
02BBA12	XW51	11kV STATION BD 2 CUB12 DC	FAIL NORMAL	02BBA12 AA001 X03 031/032	00BYB01 XH 086 AB	Be/1P R/1P	02BBA8062	UVG4ACV		1162		H/W 521
02BBA12	XW52	11kV STATION BD 2 CUB12 T/CCT	FAULT NORMAL	02BBA12 AA001 X03 033/034	00BYB01 XH 086 CD	Gy/1P Y/1P	02BBA8062	UVG4ACV		1163		H/W 522
02BBA12	XW53	11kV STATION BD 2 CUB12 PROT	TRIP NORMAL	02BBA12 AA001 X03 035/036	00BYB01 XH 086 EF	Gn/1P Bn/1P	02BBA8062	UVG4ACV		1164		H/W 523
02BBA13	XW51	11kV STATION BD 2 CUB13 DC	FAIL NORMAL	02BBA13 AA001 X03 019/020	00BYB01 XH 087 AB	Be/1P R/1P	02BBA8063	UVG4ACV		1165		H/W 524
02BBA13	XW52	11kV STATION BD 2 CUB13 T/CCT	FAULT NORMAL	02BBA13 AA001 X03 023/024	00BYB01 XH 087 CD	Gy/1P Y/1P	02BBA8063	UVG4ACV		1166		H/W 525
02BBA13	XW53	11kV STATION BD 2 CUB13 PROT	TRIP NORMAL	02BBA13 AA001 X03 021/022	00BYB01 XH 087 EF	Gn/1P Bn/1P	02BBA8063	UVG4ACV		1167		H/W 526
02BBA14	XW51	11kV STATION BD 2 CUB14 DC	FAIL NORMAL	02BBA14 AA001 X03 019/020	00BYB01 XH 088 AB	Be/1P R/1P	02BBA8064	UVG4ACV		1168		H/W 527
02BBA14	XW52	11kV STATION BD 2 CUB14 T/CCT	FAULT NORMAL	02BBA14 AA001 X03 023/024	00BYB01 XH 088 CD	Gy/1P Y/1P	02BBA8064	UVG4ACV		1169		H/W 528
02BBA14	XW53	11kV STATION BD 2 CUB14 PROT	TRIP NORMAL	02BBA14 AA001 X03 021/022	00BYB01 XH 088 EF	Gn/1P Bn/1P	02BBA8064	UVG4ACV		1170		H/W 529
02BBA15	XW51	11kV STATION BD 2 CUB15 DC	FAIL NORMAL	02BBA15 AA001 X03 019/020	00BYB01 XH 089 AB	Be/1P R/1P	02BBA8065	UVG4ACV		1171		H/W 530
02BBA15	XW52	11kV STATION BD 2 CUB15 T/CCT	FAULT NORMAL	02BBA15 AA001 X03 023/024	00BYB01 XH 089 CD	Gy/1P Y/1P	02BBA8065	UVG4ACV		1172		H/W 531
02BBA15	XW53	11kV STATION BD 2 CUB15 PROT	TRIP NORMAL	02BBA15 AA001 X03 021/022	00BYB01 XH 089 EF	Gn/1P Bn/1P	02BBA8065	UVG4ACV		1173		H/W 532
02BBA16	XW51	11kV STATION BD 2 CUB16 DC	FAIL NORMAL	02BBA16 AA001 X03 031/032	00BYB01 XH 090 AB	Be/1P R/1P	02BBA8066	UVG4ACV		1174		H/W 533
02BBA16	XW52	11kV STATION BD 2 CUB16 T/CCT	FAULT NORMAL	02BBA16 AA001 X03 033/034	00BYB01 XH 090 CD	Gy/1P Y/1P	02BBA8066	UVG4ACV		1175		H/W 534
02BBA16	XW53	11kV STATION BD 2 CUB16 PROT	TRIP NORMAL	02BBA16 AA001 X03 035/036	00BYB01 XH 090 EF	Gn/1P Bn/1P	02BBA8066	UVG4ACV		1176		H/W 535

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
00BHT32	XW55	11kV STN BD 2 CUB16 BUCHOLTZ	ALARM NORMAL	02BBA16 AA001 X03 040/041	00BYB01 XH 090 GH	W/1P Bk/1P	02BBA8066	UVG4ACV		1177		H/W 536
02BBA17	XW51	11kV STATION BD 2 CUB17 DC	FAIL NORMAL	02BBA17 AA001 X03 031/032	00BYB01 XH 091 AB	Be/1P R/1P	02BBA8067	UVG4ACV		1178		H/W 537
02BBA17	XW52	11kV STATION BD 2 CUB17 T/CCT	FAULT NORMAL	02BBA17 AA001 X03 033/034	00BYB01 XH 091 CD	Gy/1P Y/1P	02BBA8067	UVG4ACV		1179		H/W 538
02BBA17	XW53	11kV STATION BD 2 CUB17 PROT	TRIP NORMAL	02BBA17 AA001 X03 035/036	00BYB01 XH 091 EF	Gn/1P Bn/1P	02BBA8067	UVG4ACV		1180		H/W 539
02BDA01	XW51	3 3kV STN SERV BD 1B CUB01 DC	FAIL NORMAL	02BDA01 AA001 X03 025/026	00BYB01 XH 092 AB	Be/1P R/1P	02BDA8003	UVG4ACV		1182		H/W 541
02BDA01	XW52	3 3kV STN SERV BD 1B CUB01 T/CCT	FAULT NORMAL	02BDA01 AA001 X03 029/030	00BYB01 XH 092 CD	Gy/1P Y/1P	02BDA8003	UVG4ACV		1183		H/W 542
02BDA01	XW53	3 3kV STN SERV BD 1B CUB01 PROT	TRIP NORMAL	02BDA01 AA001 X03 027/028	00BYB01 XH 092 EF	Gn/1P Bn/1P	02BDA8003	UVG4ACV		1184		H/W 543
02BDA00	XW51	3 3kV STN SERV BD 1B MTR's DC	FAIL NORMAL	02BDA02 AA001 X03 029/030	00BYB01 XH 093 AB	Be/1P R/1P	02BDA8057	UVG4ACV		1185		H/W 544
02BDA00	XW52	3 3kV STN SERV BD 1B MTR's T/CCT	FAULT NORMAL	02BDA02 AA001 X03 031/032	00BYB01 XH 093 CD	Gy/1P Y/1P	02BDA8057	UVG4ACV		1186		H/W 545
02BDA00	XW53	3 3kV STN SERV BD 1B MTR's PROT	TRIP NORMAL	02BDA02 AA001 X03 035/036	00BYB01 XH 093 EF	Gn/1P Bn/1P	02BDA8057	UVG4ACV		1187		H/W 546
02BHA00	XW54	380V WATER PLANT BOARD 1B U/V	ALARM NORMAL	02BHA01 AA001 X05 170/171	00BYB01 XH 094 CD	Gy/1P Y/1P	02BHA8070	UVG4ACV	I 25 2	1189		H/W 548
02BHB00	XW54	380V L P SERVICES BD B U/V	ALARM NORMAL	02BHB01 AA001 X05 170/171	00BYB01 XH 095 CD	Gy/1P Y/1P	02BHB8001	UVG4ACV	I 25 3	1191		H/W 550
02BBA00	XW51	11kV STATION BD 2 220V DC SUPPLY	FAIL NORMAL	02BBA01 AA001 X03 003/004	00BYB01 XH 096 AB	Be/1P R/1P	02BBA8068	UVG4ACV		1190		H/W 549
02BHC00	XW54	380V STN/SERV BLD BD 1B U/V	ALARM NORMAL	02BHC01 AA001 X05 170/171	00BYB01 XH 098 CD	Gy/1P Y/1P	02BHC8001	UVG4ACV	I 25 5	1195		H/W 554
02BUA00	XW27	220V DC STN BD 2 EARTH FAULT	ALARM NORMAL	02BUA01 AA001 X02 004/005	00BYB01 XH 099 AB	Be/1P R/1P	02BUA8001	UVG4ACV		1196		H/W 555
02BUA00	XW54	220V DC STN BD 2 SUPPLY	FAIL NORMAL	02BUA01 AA001 X02 001/003	00BYB01 XH 099 EF	Gn/1P Bn/1P	02BUA8001	UVG4ACV		1197		H/W 556
01BHE00	XW51	380V STATION DIST BD 1A DC	FAIL NORMAL	01BHE02 AA001 X05 137/138	00BYB01 XH 101 AB	Be/1P R/1P	01BHE8005	UVG4ACV		1199		H/W 558
01BHE00	XW54	380V STATION DIST BD 1A U/V	ALARM NORMAL	01BHE02 AA001 X05 170/171	00BYB01 XH 101 CD	Gy/1P Y/1P	01BHE8005	UVG4ACV	I 25 6	1200		H/W 559
02BHE00	XW51	380V STATION DIST BD 1B DC	FAIL NORMAL	02BHE01 AA001 X05 137/138	00BYB01 XH 103 AB	Be/1P R/1P	02BHE8003	UVG4ACV	_	1198		H/W 557
02BHE00	XW54	380V STATION DIST BD 1B U/V	ALARM NORMAL	02BHE01 AA001 X05 170/171	00BYB01 XH 103 CD	Gy/1P Y/1P	02BHE8003	UVG4ACV	I 25 7	1202		H/W 561
01BMH01	XW51	380V STN DIST ESSENTIAL BD DC	FAIL NORMAL	00BMH02 AA001 X05 137/138	00BYB01 XH 105 AB	Be/1P R/1P	00BMH8003	UVG4ACV		1203		H/W 562
01BMH01	XW54	380V STN DIST ESSENTIAL BD U/V	ALARM NORMAL	00BMH02 AA001 X05 170/171	00BYB01 XH 105 CD	Gy/1P Y/1P	00BMH8003	UVG4ACV	I 26 0	1204		H/W 563
00BTX30	XW51	50V BATTERY CHRG FOR MUX SYSTEM	UNHEALTH NORMAL	00SGY30 BOX 4 B2	00BYB01 XH 106 AB	Be/1P R/1P		UVG4ACV		1205		H/W 564
00BTX20	XW51	50V BATTERY CHRG FOR PAX SYSTEM	UNHEALTH NORMAL	00SGY30 BOX 4 B1	00BYB01 XH 106 CD	Y/1P Gy/1P		UVG4ACV		1206		H/W 565

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
00BTX50 XW51	50V BATTERY CHRG FOR GPO SYSTEM	UNHEALTH NORMAL	00SGY30 BOX 4 B3	00BYB01 XH 106 EF	Gn/1P Bn/1P		UVG4ACV		1208		H/W 567
02BBA09 XW57	11kV STN BRD 2 CUB 09 OIL TEMP	ALARM NORMAL	02BBA09 AA001 X03 042/043	00BYB01 XH 107 AB	Be/1P R/1P	02BBA8068	UVG4ACV		1209		H/W 568
02BBA09 XW55	11kV STN BRD 2 CUB 09 BUCHOLTZ	ALARM NORMAL	02BBA09 AA001 X03 040/041	00BYB01 XH 107 GH	W/1P Bk/1P	02BBA8068	UVG4ACV		1210		H/W 569
00BBT10 GT101 XW57	11kV STN TRFR NEC OIL TEMP	ALARM NORMAL	00BBY01 AA001 X01 061/062	00BYB01 XH 108 AB	Be/1P R/1P	00BBY8014	UVG20ACV		1211		H/W 570
00BBT10 GT101 XW56	11kV STN TRFR NEC BUCHOLTZ	ALARM NORMAL	00BBY01 AA001 X01 059/060	00BYB01 XH 108 CD	Gy/1P Y/1P	00BBY8014	UVG20ACV		1212		H/W 571
00BBT10 GT101 XW95	11kV STN TRFR NEC OIL TEMP	TRIP NORMAL	00BBY01 AA001 X01 047/048	00BYB01 XH 108 EF	Gn/1P Bn/1P	00BBY8014	UVG20ACV		1213		H/W 572
00BBT10 GT100 XW57	11kV STN TRFR E/TRFR OIL TEMP	ALARM NORMAL	00BBY01 AA001 X01 063/064	00BYB01 XH 109 AB	Be/2P R/2P	00BBY8014	UVG20ACV		1215		H/W 574
00BBT10 GT100 XW95	11kV STN TRFR E/TRFR OIL TEMP	TRIP NORMAL	00BBY01 AA001 X01 043/044	00BYB01 XH 109 CD	Gy/2P Y/2P	00BBY8014	UVG20ACV		1216		H/W 575
01BBA14 XW52	11kV STATION BD 1 CUB14 T/CCT	FAULT NORMAL	00BBY01 AA001 X04 002/001	00BYB01 XH 110 AB	Be/3P R/3P	00BBY8014	UVG20ACV		1217		H/W 576
02BBA01 XW52	11kV STATION BD 2 CUB01 T/CCT	FAULT NORMAL	00BBY01 AA001 X04 004/003	00BYB01 XH 110 CD	Gy/3P Y/3P	00BBY8014	UVG20ACV		1218		H/W 577
01BUB01 XW54	220V DC STN BD A SUPPLY	FAIL NORMAL	01BUB01 AA001	00BYB01 XH 112 EF	Gn/1P Bn/1P	01BUB8001	UVG4ACV		1219		H/W 578
02BUB01 XW54	220V DC STN BD B SUPPLY	FAIL NORMAL	02BUB01 AA001	00BYB01 XH 113 EF	Gn/1P Bn/1P	02BUB8001	UVG4ACV		1220		H/W 579
00BTW01 XW54	24V PLC UPS DISTRIBUTION PANEL	FAULT NORMAL	00BTW01 AA001 X02 017/018	00BYB01 XH 114 EF	Gn/1P Bn/1P	00BTW8001	UVG4ACV		1221		H/W 580
____	STN BD 1 TRANSFER DC	FAIL NORMAL	_	00BYB01 XH 115 AB	Be/1P R/1P	CABLE 13	UVG8ACV	_	1222		H/W 581
____	STN BD 1 TRANSFER	UNHEALTH NORMAL	_	00BYB01 XH 115 CD	Gy/1P Y/1P	CABLE 13	UVG8ACV	_	1223		H/W 582
____	STN BD 1 TRANSFER PROTECTION	LOCKOUT NORMAL	_	00BYB01 XH 115 EF	Gn/1P Bn/1P	CABLE 13	UVG8ACV	_	1224		H/W 583
____	STN BD 1 TRANSFER PLC	UNHEALTH NORMAL	_	00BYB01 XH 116 AB	Be/2P R/2P	CABLE 13	UVG8ACV	_	1226		H/W 585
____	STN BD 1 TRANSFER SWITCH	MAN/OFF AUTO	_	00BYB01 XH 116 CD	Gy/2P Y/2P	CABLE 13	UVG8ACV	I 7 6	1227		H/W 586
____	STN BD 2 TRANSFER DC	FAIL NORMAL	_	00BYB01 XH 117 AB	Be/1P R/1P	CABLE 14	UVG8ACV	_	1230		H/W 589
____	STN BD 2 TRANSFER	UNHEALTH NORMAL	_	00BYB01 XH 117 CD	Gy/1P Y/1P	CABLE 14	UVG8ACV	_	1231		H/W 590
____	STN BD 2 TRANSFER PROTECTION	LOCKOUT NORMAL	_	00BYB01 XH 117 EF	Gn/1P Bn/1P	CABLE 14	UVG8ACV	_	1232		H/W 591
____	STN BD 2 TRANSFER PLC	UNHEALTH NORMAL	_	00BYB01 XH 118 AB	Be/2P R/2P	CABLE 14	UVG8ACV	_	1234		H/W 593
____	STN BD 2 TRANSFER SWITCH	MAN/OFF AUTO	_	00BYB01 XH 118 CD	Gy/2P Y/2P	CABLE 14	UVG8ACV	I 13 6	1235		H/W 594
00BYA00 XW20	SSB MEAS PANEL SUPPLY	FAIL NORMAL	00BYA00 AA001 X70 001/002	00BYB01 XW 001 AB	W Be	00BYA8004	TVH10BR		1099		H/W 458

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
00BBT10 XB60	STN TRANSFORMER TAP CHANGE POS	1	00BBY04 AA001 X03 001/002	00BYD01 XB 001 AB	Be/1P R/1P	00BBY8005	UVG8ACV	I 4 0			
00BBT10 XB61	STN TRANSFORMER TAP CHANGE POS	2	00BBY04 AA001 X03 003/004	00BYD01 XB 001 CD	Gy/1P Y/1P	00BBY8005	UVG8ACV	I 4 1			
00BBT10 XB62	STN TRANSFORMER TAP CHANGE POS	4	00BBY04 AA001 X03 005/006	00BYD01 XB 001 EF	Gn/1P Bn/1P	00BBY8005	UVG8ACV	I 4 2			
00BBT10 XB63	STN TRANSFORMER TAP CHANGE POS	8	00BBY04 AA001 X03 007/008	00BYD01 XB 001 GH	W/1P Bk/1P	00BBY8005	UVG8ACV	I 4 3			
00BBT10 XB64	STN TRANSFORMER TAP CHANGE POS	10	00BBY04 AA001 X03 009/010	00BYD01 XB 002 AB	Be/2P R/2P	00BBY8005	UVG8ACV	I 4 4			
00BDE01 EW002 XB01	3 3kV STN DG BD CUB01 E/S	ON OFF	00BDE01 AA001 X02 051/052	00BYD01 XB 003 AB	Be/1P R/1P	00BDE8001	UVG4ACV	I 16 4	770		H/W 129
00BDE01 EW003 XB01	3 3kV STN DG BD CUB01 ISOLATOR	CLOSED OPENED	00BDE01 AA001 X02 053/054	00BYD01 XB 003 CD	Gy/1P Y/1P	00BDE8001	UVG4ACV	I 16 5	771		H/W 130
00BDE01 EW001 XB01	3 3kV STN DG BD CUB01 BKR	OPENED CLOSED	00BDE01 AA001 X02 049/050	00BYD01 XB 003 EF	Gn/1P Bn/1P	00BDE8001	UVG4ACV	I 4 5	774		H/W 133
00BDE03 EW002 XB02	3 3kV STN DG SELECT TO STN	CLOSED OPENED	00BDE03 BA001 X05 007/008	00BYD01 XB 004 AB	Be/1P R/1P	00BDE8002	UVG4ACV	I 16 6	772		H/W 131
00BDE03 EW001 XB02	3 3kV STN DG SELECT TO UNIT	CLOSED OPENED	00BDE03 BA001 X05 005/006	00BYD01 XB 004 CD	Gy/1P Y/1P	00BDE8002	UVG4ACV	I 4 6	775		H/W 134
00BDE03 EW002 XB01	3 3kV STN DG LOOP CBL E/S	ON OFF	00BDE03 AA001 X05 007/008	00BYD01 XB 005 AB	Be/1P R/1P	00BDE8003	UVG4ACV	I 4 7	776		H/W 135
00BDE03 EW001 XB01	3 3kV STN DG LOOP CBL ISOLATOR	CLOSED OPENED	00BDE03 AA001 X05 005/006	00BYD01 XB 005 CD	Gy/1P Y/1P	00BDE8003	UVG4ACV	I 16 7	773		H/W 132
00BDE04 EW002 XB01	3 3kV STN DG BD CUB04 CBL E/S	ON OFF	00BDE04 AA001 X02 043/044	00BYD01 XB 006 AB	Be/1P R/1P	00BDE8004	UVG4ACV	I 17 0	870		H/W 229
00BDE04 EW003 XB01	3 3kV STN DG BD CUB04 CBL ISOL	CLOSED OPENED	00BDE04 AA001 X02 045/046	00BYD01 XB 006 CD	Gy/1P Y/1P	00BDE8004	UVG4ACV	I 17 1	871		H/W 230
00BDE04 EW001 XB01	3 3kV STN DG BD CUB04 BKR	OPENED CLOSED	00BDE04 AA001 X02 041/042	00BYD01 XB 006 EF	Gn/1P Bn/1P	00BDE8004	UVG4ACV	I 5 0	777		H/W 136
00BDE06 EW001 XB01	3 3kV STN DG BD CUB06 BKR	OPENED CLOSED	00BDE06 AA001 X02 041/042	00BYD01 XB 007 EF	Gn/1P Bn/1P	00BDE8005	UVG4ACV	I 5 1	778		H/W 137
00BDE07 YB92	3 3kV STN DG BD CUB07 BKR	CLOSE	00BDE07 AA001 X02 042/043	00BYD01 XB 008 AB	Be/1P R/1P	00BDE8006	UVG8ACV	Q 4 0			———
00BDE07 YB91	3 3kV STN DG BD CUB07 BKR	OPEN	00BDE07 AA001 X02 044/045	00BYD01 XB 008 CD	Gy/1P Y/1P	00BDE8006	UVG8ACV	Q 4 1			———
00BDE07 XB01	3 3kV STN DG BD CUB07 BKR	OPENED CLOSED	00BDE07 AA001 X03 003/004	00BYD01 XB 008 EF	Gn/1P Bn/1P	00BDE8006	UVG8ACV	I 5 2	779		H/W 138
00BDE07 XB51	3 3kV STN DG BD CUB07	LOC/OFF REMOTE	00BDE07 AA001 X03 014/015	00BYD01 XB 008 GH	W/1P Bk/1P	00BDE8006	UVG8ACV	I 5 3	780		H/W 139
00BDE08 YB92	3 3kV STN DG BD CUB08 BKR	CLOSE	00BDE08 AA001 X02 042/043	00BYD01 XB 010 AB	Be/1P R/1P	00BDE8007	UVG8ACV	Q 4 2			———
00BDE08 YB91	3 3kV STN DG BD CUB08 BKR	OPEN	00BDE08 AA001 X02 044/045	00BYD01 XB 010 CD	Gy/1P Y/1P	00BDE8007	UVG8ACV	Q 4 3			———
00BDE08 XB01	3 3kV STN DG CUB08 BKR	OPENED CLOSED	00BDE08 AA001 X03 003/004	00BYD01 XB 010 EF	Gn/1P Bn/1P	00BDE8007	UVG8ACV	I 5 4	781		H/W 140
00BDE08 XB51	3 3kV STN DG CUB08 BKR	LOC/OFF REMOTE	00BDE08 AA001 X03 014/015	00BYD01 XB 010 GH	W/1P Bk/1P	00BDE8007	UVG8ACV	I 5 5	782		H/W 141

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
00BMH01 XB01	380V STN DIST ESS BD CUB01 BKR	OPENED CLOSED	00BMH01 AA001 X05 132/133	00BYD01 XB 012 EF	Gn/1P Bn/1P	00BMH8001	UVG4ACV	I 5 6	783		H/W 142
00BMH02 XB01	380V STN DIST ESS BD CUB02 BKR	OPENED CLOSED	00BMH01 AA001 X05 128/129	00BYD01 XB 013 EF	Gn/1P Bn/1P	00BMH8002	UVG4ACV	I 5 7	784		H/W 143
00BMJ01 XB01	380V WATER PLNT ESS BD CUB01 BKR	OPENED CLOSED	00BMJ01 AA001 X05 128/129	00BYD01 XB 014 EF	Gn/1P Bn/1P	00BMJ8004	UVG4ACV	I 6 0	785		H/W 144
00BMJ02 XB01	380V WATER PLNT ESS BD CUB02 BKR	OPENED CLOSED	00BMJ02 AA001 X05 128/129	00BYD01 XB 015 EF	Gn/1P Bn/1P	00BMJ8006	UVG4ACV	I 6 1	786		H/W 145
00AEA01 GS302 XB01	132 kV STN TRFR BKR	OPENED CLOSED	00UAA10 GA001 X01 021/022	00BYD01 XB 016 EF	Gn/1P Bn/1P	00BYD8001	UVG8ACV	I 6 3	788		H/W 147
00AEA01 XB51	132 kV STN TRFR	LOC/OFF REMOTE	00UAA10 GA001 X01 019/020	00BYD01 XB 016 GH	W/1P Bk/1P	00BYD8001	UVG8ACV	I 6 2	787		H/W 146
00AEA01 GS301 XB01	132 kV STN TRFR ISOLATOR	OPENED CLOSED	00UAA10 GA001 X01 047/048	00BYD01 XB 017 CD	Gy/2P Y/2P	00BYD8001	UVG8ACV	I 6 4	789		H/W 148
01BBA01 YB92	11kV STATION BD 1 CUB01 BKR	CLOSE	01BBA01 AA001 X02 025/026	00BYD01 XB 018 AB	Be/1P R/1P	01BBA8001	UVG4ACV	Q 4 4			———
01BBA01 YB91	11kV STATION BD 1 CUB01 BKR	OPEN	01BBA01 AA001 X02 027/028	00BYD01 XB 018 CD	Gy/1P Y/1P	01BBA8001	UVG4ACV	Q 4 5			———
01BBA01 XB01	11kV STATION BD 1 CUB01 BKR	OPENED CLOSED	01BBA01 AA001 X02 045/046	00BYD01 XB 018 EF	Gn/1P Bn/1P	01BBA8001	UVG4ACV	I 6 5	790		H/W 149
01BBA01 XB51	11kV STATION BD 1 CUB01	LOC/OFF REMOTE	01BBA01 AA001 X02 056/057	00BYD01 XB 018 GH	W/1P Bk/1P	01BBA8001	UVG4ACV	I 6 6	791		H/W 150
01BBA02 YB92	11kV STATION BD 1 CUB02 BKR	CLOSE	01BBA02 AA001 X02 025/026	00BYD01 XB 020 AB	Be/1P R/1P	01BBA8002	UVG8ACV	Q 4 6			———
01BBA02 YB91	11kV STATION BD 1 CUB02 BKR	OPEN	01BBA02 AA001 X02 027/028	00BYD01 XB 020 CD	Gy/1P Y/1P	01BBA8002	UVG8ACV	Q 4 7			———
01BBA02 XB01	11kV STATION BD 1 CUB02 BKR	OPENED CLOSED	01BBA02 AA001 X02 045/046	00BYD01 XB 020 EF	Gn/1P Bn/1P	01BBA8002	UVG8ACV	I 6 7	792		H/W 151
01BBA02 XB51	11kV STATION BD 1 CUB02	LOC/OFF REMOTE	01BBA02 AA001 X02 056/057	00BYD01 XB 020 GH	W/1P Bk/1P	01BBA8002	UVG8ACV	I 7 0	793		H/W 152
01BBA03 YB92	11kV STATION BD 1 CUB03 BKR	CLOSE	01BBA03 AA001 X02 025/026	00BYD01 XB 022 AB	Be/1P R/1P	01BBA8003	UVG8ACV	Q 5 0			———
01BBA03 YB91	11kV STATION BD 1 CUB03 BKR	OPEN	01BBA03 AA001 X02 027/028	00BYD01 XB 022 CD	Gy/1P Y/1P	01BBA8003	UVG8ACV	Q 5 1			———
01BBA03 XB01	11kV STATION BD 1 CUB03 BKR	OPENED CLOSED	01BBA03 AA001 X02 045/046	00BYD01 XB 022 EF	Gn/1P Bn/1P	01BBA8003	UVG8ACV	I 7 1	794		H/W 153
01BBA03 XB51	11kV STATION BD 1 CUB03	LOC/OFF REMOTE	01BBA03 AA001 X02 056/057	00BYD01 XB 022 GH	W/1P Bk/1P	01BBA8003	UVG8ACV	I 7 2	795		H/W 154
01BBA04 YB92	11kV STATION BD 1 CUB04 BKR	CLOSE	01BBA04 AA001 X02 031/032	00BYD01 XB 024 AB	Be/1P R/1P	01BBA8004	UVG8ACV	Q 5 2			———
01BBA04 YB91	11kV STATION BD 1 CUB04 BKR	OPEN	01BBA04 AA001 X02 033/034	00BYD01 XB 024 CD	Gy/1P Y/1P	01BBA8004	UVG8ACV	Q 5 3			———
01BBA04 XB01	11kV STATION BD 1 CUB04 BKR	OPENED CLOSED	01BBA04 AA001 X02 051/052	00BYD01 XB 024 EF	Gn/1P Bn/1P	01BBA8004	UVG8ACV	I 7 3	796		H/W 155
01BBA04 XB51	11kV STATION BD 1 CUB04	LOC/OFF REMOTE	01BBA04 AA001 X03 002/003	00BYD01 XB 024 GH	W/1P Bk/1P	01BBA8004	UVG8ACV	I 7 4	797		H/W 156
01BBA05 YB92	11kV STATION BD 1 CUB05 BKR	CLOSE	01BBA05 AA001 X02 033/034	00BYD01 XB 026 AB	Be/1P R/1P	01BBA8005	UVG8ACV	Q 5 4			———

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
01BBA05 YB91	11kV STATION BD 1 CUB05 BKR	OPEN	01BBA05 AA001 X02 035/036	00BYD01 XB 026 CD	Gy/1P Y/1P	01BBA8005	UVG8ACV	Q 5 5			———
01BBA05 EW001 XB01	11kV STATION BD 1 CUB05 BKR	OPENED CLOSED	01BBA05 AA001 X02 053/054	00BYD01 XB 026 EF	Gn/1P Bn/1P	01BBA8005	UVG8ACV	I 7 5	798		H/W 157
01BBA05 EW002 XB01	11kV STATION BD 1 CUB05 CBL E/S	ON OFF	01BBA05 AA001 X03 017/018	00BYD01 XB 027 AB	Be/2P R/2P	01BBA8005	UVG8ACV	I 17 6	876		H/W 235
01BBA05 EW003 XB01	11kV STATION BD 1 CUB05 CBL ISOL	CLOSED OPENED	01BBA05 AA001 X03 045/046	00BYD01 XB 027 CD	Gy/2P Y/2P	01BBA8005	UVG8ACV	I 17 7	877		H/W 236
01BBA06 YB92	11kV STATION BD 1 CUB06 BKR	CLOSE	01BBA06 AA001 X02 041/042	00BYD01 XB 028 AB	Be/1P R/1P	01BBA8006	UVG8ACV	Q 5 6			———
01BBA06 YB91	11kV STATION BD 1 CUB06 BKR	OPEN	01BBA06 AA001 X02 043/044	00BYD01 XB 028 CD	Gy/1P Y/1P	01BBA8006	UVG8ACV	Q 5 7			———
01BBA06 XB01	11kV STATION BD 1 CUB06 BKR	OPENED CLOSED	01BBA06 AA001 X03 005/006	00BYD01 XB 028 EF	Gn/1P Bn/1P	01BBA8006	UVG8ACV	I 7 7	800		H/W 159
01BBA06 XB51	11kV STATION BD 1 CUB06	LOC/OFF REMOTE	01BBA06 AA001 X03 016/017	00BYD01 XB 028 GH	W/1P Bk/1P	01BBA8006	UVG8ACV	I 8 0	801		H/W 160
01BBA07 YB92	11kV STATION BD 1 CUB07 BKR	CLOSE	01BBA07 AA001 X02 031/032	00BYD01 XB 030 AB	Be/1P R/1P	01BBA8007	UVG8ACV	Q 6 0			———
01BBA07 YB91	11kV STATION BD 1 CUB07 BKR	OPEN	01BBA07 AA001 X02 033/034	00BYD01 XB 030 CD	Gy/1P Y/1P	01BBA8007	UVG8ACV	Q 6 1			———
01BBA07 XB01	11kV STATION BD 1 CUB07 BKR	OPENED CLOSED	01BBA07 AA001 X02 051/052	00BYD01 XB 030 EF	Gn/1P Bn/1P	01BBA8007	UVG8ACV	I 8 1	802		H/W 161
01BBA07 XB51	11kV STATION BD 1 CUB07	LOC/OFF REMOTE	01BBA07 AA001 X03 002/003	00BYD01 XB 030 GH	W/1P Bk/1P	01BBA8007	UVG8ACV	I 8 2	803		H/W 162
01BBA08 YB92	11kV STATION BD 1 CUB08 BKR	CLOSE	01BBA08 AA001 X02 031/032	00BYD01 XB 032 AB	Be/1P R/1P	01BBA8008	UVG4ACV	Q 6 2			———
01BBA08 YB91	11kV STATION BD 1 CUB08 BKR	OPEN	01BBA08 AA001 X02 033/034	00BYD01 XB 032 CD	Gy/1P Y/1P	01BBA8008	UVG4ACV	Q 6 3			———
01BBA08 XB01	11kV STATION BD 1 CUB08 BKR	OPENED CLOSED	01BBA08 AA001 X02 051/052	00BYD01 XB 032 EF	Gn/1P Bn/1P	01BBA8008	UVG4ACV	I 8 3	804		H/W 163
01BBA08 XB51	11kV STATION BD 1 CUB08	LOC/OFF REMOTE	01BBA08 AA001 X03 002/003	00BYD01 XB 032 GH	W/1P Bk/1P	01BBA8008	UVG4ACV	I 8 4	805		H/W 164
01BBA09 YB92	11kV STATION BD 1 CUB09 BKR	CLOSE	01BBA09 AA001 X02 031/032	00BYD01 XB 033 AB	Be/1P R/1P	01BBA8009	UVG8ACV	Q 6 4			———
01BBA09 YB91	11kV STATION BD 1 CUB09 BKR	OPEN	01BBA09 AA001 X02 033/034	00BYD01 XB 033 CD	Gy/1P Y/1P	01BBA8009	UVG8ACV	Q 6 5			———
01BBA09 XB01	11kV STATION BD 1 CUB09 BKR	OPENED CLOSED	01BBA09 AA001 X02 051/052	00BYD01 XB 033 EF	Gn/1P Bn/1P	01BBA8009	UVG8ACV	I 8 5	806		H/W 165
01BBA09 XB51	11kV STATION BD 1 CUB09	LOC/OFF REMOTE	01BBA09 AA001 X03 002/003	00BYD01 XB 033 GH	W/1P Bk/1P	01BBA8009	UVG8ACV	I 8 6	807		H/W 166
01BBA10 YB92	11kV STATION BD 1 CUB10 BKR	CLOSE	01BBA10 AA001 X02 031/032	00BYD01 XB 035 AB	Be/1P R/1P	01BBA8010	UVG4ACV	Q 6 6			———
01BBA10 YB91	11kV STATION BD 1 CUB10 BKR	OPEN	01BBA10 AA001 X02 033/034	00BYD01 XB 035 CD	Gy/1P Y/1P	01BBA8010	UVG4ACV	Q 6 7			———
01BBA10 XB01	11kV STATION BD 1 CUB10 BKR	OPENED CLOSED	01BBA10 AA001 X02 051/052	00BYD01 XB 035 EF	Gn/1P Bn/1P	01BBA8010	UVG4ACV	I 8 7	808		H/W 167
01BBA10 XB51	11kV STATION BD 1 CUB10	LOC/OFF REMOTE	01BBA10 AA001 X03 002/003	00BYD01 XB 035 GH	W/1P Bk/1P	01BBA8010	UVG4ACV	I 9 0	809		H/W 168

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
01BBA11 YB92	11kV STATION BD 1 CUB11 BKR	CLOSE	01BBA11 AA001 X02 031/032	00BYD01 XB 036 AB	Be/1P R/1P	01BBA8011	UVG4ACV	Q 7 0			———
01BBA11 YB91	11kV STATION BD 1 CUB11 BKR	OPEN	01BBA11 AA001 X02 033/034	00BYD01 XB 036 CD	Gy/1P Y/1P	01BBA8011	UVG4ACV	Q 7 1			———
01BBA11 XB01	11kV STATION BD 1 CUB11 BKR	OPENED CLOSED	01BBA11 AA001 X02 051/052	00BYD01 XB 036 EF	Gn/1P Bn/1P	01BBA8011	UVG4ACV	I 9 1	810		H/W 169
01BBA11 XB51	11kV STATION BD 1 CUB11	LOC/OFF REMOTE	01BBA11 AA001 X03 002/003	00BYD01 XB 036 GH	W/1P Bk/1P	01BBA8011	UVG4ACV	I 9 2	811		H/W 170
01BBA12 YB92	11kV STATION BD 1 CUB12 BKR	CLOSE	01BBA12 AA001 X02 031/032	00BYD01 XB 037 AB	Be/1P R/1P	01BBA8012	UVG4ACV	Q 7 2			———
01BBA12 YB91	11kV STATION BD 1 CUB12 BKR	OPEN	01BBA12 AA001 X02 033/034	00BYD01 XB 037 CD	Gy/1P Y/1P	01BBA8012	UVG4ACV	Q 7 3			———
01BBA12 XB01	11kV STATION BD 1 CUB12 BKR	OPENED CLOSED	01BBA12 AA001 X02 051/052	00BYD01 XB 037 EF	Gn/1P Bn/1P	01BBA8012	UVG4ACV	I 9 3	812		H/W 171
01BBA12 XB51	11kV STATION BD 1 CUB12	LOC/OFF REMOTE	01BBA12 AA001 X03 002/003	00BYD01 XB 037 GH	W/1P Bk/1P	01BBA8012	UVG4ACV	I 9 4	813		H/W 172
01BBA13 YB92	11kV STATION BD 1 CUB13 BKR	CLOSE	01BBA13 AA001 X02 031/032	00BYD01 XB 038 AB	Be/1P R/1P	01BBA8013	UVG4ACV	Q 7 4			———
01BBA13 YB91	11kV STATION BD 1 CUB13 BKR	OPEN	01BBA13 AA001 X02 033/034	00BYD01 XB 038 CD	Gy/1P Y/1P	01BBA8013	UVG4ACV	Q 7 5			———
01BBA13 XB01	11kV STATION BD 1 CUB13 BKR	OPENED CLOSED	01BBA13 AA001 X02 051/052	00BYD01 XB 038 EF	Gn/1P Bn/1P	01BBA8013	UVG4ACV	I 9 5	814		H/W 173
01BBA13 XB51	11kV STATION BD 1 CUB13	LOC/OFF REMOTE	01BBA13 AA001 X03 002/003	00BYD01 XB 038 GH	W/1P Bk/1P	01BBA8013	UVG4ACV	I 9 6	815		H/W 174
01BBA14 EW002 XB01	11kV STATION BD 1 CUB14 CBL E/S	ON OFF	01BBA14 AA001 X02 054/055	00BYD01 XB 039 AB	Be/1P R/1P	01BBA8014	UVG4ACV	I 18 0	878		H/W 237
01BBA14 EW003 XB01	11kV STATION BD 1 CUB14 CBL ISOL	CLOSED OPENED	01BBA14 AA001 X02 062/063	00BYD01 XB 039 CD	Gy/1P Y/1P	01BBA8014	UVG4ACV	I 18 1	879		H/W 238
01BBA14 EW001 XB01	11kV STATION BD 1 CUB14 BKR	OPENED CLOSED	01BBA14 AA001 X02 052/053	00BYD01 XB 039 EF	Gn/1P Bn/1P	01BBA8014	UVG4ACV	I 9 7	816		H/W 175
01BBA16 YB92	11kV STATION BD 1 CUB16 BKR	CLOSE	01BBA16 AA001 X02 031/032	00BYD01 XB 040 AB	Be/1P R/1P	01BBA8015	UVG4ACV	Q 7 6			———
01BBA16 YB91	11kV STATION BD 1 CUB16 BKR	OPEN	01BBA16 AA001 X02 033/034	00BYD01 XB 040 CD	Gy/1P Y/1P	01BBA8015	UVG4ACV	Q 7 7			———
01BBA16 XB01	11kV STATION BD 1 CUB16 BKR	OPENED CLOSED	01BBA16 AA001 X02 051/052	00BYD01 XB 040 EF	Gn/1P Bn/1P	01BBA8015	UVG4ACV	I 10 0	817		H/W 176
01BBA16 XB51	11kV STATION BD 1 CUB16	LOC/OFF REMOTE	01BBA16 AA001 X03 002/003	00BYD01 XB 040 GH	W/1P Bk/1P	01BBA8015	UVG4ACV	I 10 1	818		H/W 177
01BBA17 YB92	11kV STATION BD 1 CUB17 BKR	CLOSE	01BBA17 AA001 X02 031/032	00BYD01 XB 041 AB	Be/1P R/1P	01BBA8016	UVG4ACV	Q 8 0			———
01BBA17 YB91	11kV STATION BD 1 CUB17 BKR	OPEN	01BBA17 AA001 X02 033/034	00BYD01 XB 041 CD	Gy/1P Y/1P	01BBA8016	UVG4ACV	Q 8 1			———
01BBA17 XB01	11kV STATION BD 1 CUB17 BKR	OPENED CLOSED	01BBA17 AA001 X02 051/052	00BYD01 XB 041 EF	Gn/1P Bn/1P	01BBA8016	UVG4ACV	I 10 2	819		H/W 178
01BBA17 XB51	11kV STATION BD 1 CUB17	LOC/OFF REMOTE	01BBA17 AA001 X03 002/003	00BYD01 XB 041 GH	W/1P Bk/1P	01BBA8016	UVG4ACV	I 10 3	820		H/W 179
01BDA01 YB92	3 3kV STN SERV BD 1A CUBO1 BKR	CLOSE	01BDA01 AA001 X02 007/008	00BYD01 XB 042 AB	Be/1P R/1P	01BDA8001	UVG8ACV	Q 8 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
01BDA01 YB91	3 3kV STN SERV BD 1A CUBO1 BKR	OPEN	01BDA01 AA001 X02 009/010	00BYD01 XB 042 CD	Gy/1P Y/1P	01BDA8001	UVG8ACV	Q 8 3			———
01BDA01 EW001 XB01	3 3kV STN SERV BD 1A CUBO1 BKR	OPENED CLOSED	01BDA01 AA001 X02 027/028	00BYD01 XB 042 EF	Gn/1P Bn/1P	01BDA8001	UVG8ACV	I 10 4	821		H/W 180
01BDA01 XB51	3 3kV STN SERV BD 1A CUBO1	LOC/OFF REMOTE	01BDA01 AA001 X02 038/039	00BYD01 XB 042 GH	W/1P Bk/1P	01BDA8001	UVG8ACV	I 10 5	822		H/W 181
00BDA02 EW001 XB01	3 3kV STN SERV BD 1B BB E/S	ON OFF	01BDA01 AA001 X02 049/050	00BYD01 XB 043 AB	Be/2P R/2P	01BDA8001	UVG8ACV	I 18 2	880		H/W 239
00BDA01 EW002 XB01	3 3kV STN SERV BD 1A BB ISOLATOR	CLOSED OPENED	01BDA01 AA001 X03 001/066	00BYD01 XB 043 CD	Gy/2P Y/2P	01BDA8001	UVG8ACV	I 18 3	881		H/W 240
00BDA01 EW001 XB01	3 3kV STN SERV BD 1A BB E/S	ON OFF	01BDA01 AA001 X02 053/054	00BYD01 XB 043 EF	Gn/2P Bn/2P	01BDA8001	UVG8ACV	I 18 4	882		H/W 241
00BDA02 EW002 XB01	3 3kV STN SERV BD 1B BB ISOLATOR	CLOSED OPENED	01BDA01 AA001 X03 002/067	00BYD01 XB 043 GH	W/2P Bk/2P	01BDA8001	UVG8ACV	I 18 5	883		H/W 242
01BDA02 YB92	3 3kV STN SERV BD 1A CUBO2 BKR	CLOSE	01BDA02 AA001 X02 029/030	00BYD01 XB 044 AB	Be/1P R/1P	01BDA8003	UVG8ACV	Q 8 4			———
01BDA02 YB91	3 3kV STN SERV BD 1A CUBO2 BKR	OPEN	01BDA02 AA001 X02 031/032	00BYD01 XB 044 CD	Gy/1P Y/1P	01BDA8003	UVG8ACV	Q 8 5			———
01BDA02 EW001 XB01	3 3kV STN SERV BD 1A CUBO2 BKR	OPENED CLOSED	01BDA02 AA001 X02 049/050	00BYD01 XB 044 EF	Gn/1P Bn/1P	01BDA8003	UVG8ACV	I 10 6	823		H/W 182
01BDA02 XB51	3 3kV STN SERV BD 1A CUBO2	LOC/OFF REMOTE	01BDA02 AA001 X03 002/003	00BYD01 XB 044 GH	W/1P Bk/1P	01BDA8003	UVG8ACV	I 10 7	824		H/W 183
01BDA02 EW002 XB01	3 3kV S/SERV BD 1A CUBO2 CBL E/S	ON OFF	01BDA02 AA001 X03 013/014	00BYD01 XB 045 AB	Be/2P R/2P	01BDA8003	UVG8ACV	I 18 6	884		H/W 243
01BDA02 EW003 XB01	3 3kV S/SERV BD 1A CUBO2 ISOL	CLOSED OPENED	01BDA02 AA001 X02 059/060	00BYD01 XB 045 CD	Gy/2P Y/2P	01BDA8003	UVG8ACV	I 18 7	885		H/W 244
01BHA01 XB01	380V WATER PLANT BD 1A CUB01	OPENED CLOSED	01BHA01 AA001 X05 132/133	00BYD01 XB 046 EF	Gn/1P Bn/1P	01BHA8074	UVG4ACV	I 11 0	825		H/W 184
01BHA02 XB01	380V WATER PLANT BD 1A CUB02	OPENED CLOSED	01BHA02 AA001 X05 128/129	00BYD01 XB 047 EF	Gn/1P Bn/1P	01BHA8075	UVG4ACV	I 11 1	826		H/W 185
01BHE01 XB01	380V STN DIST BD 1A CUB01	OPENED CLOSED	01BHE01 AA001 X05 128/129	00BYD01 XB 048 EF	Gn/1P Bn/1P	01BHE8003	UVG4ACV	I 11 2	827		H/W 186
01BHE02 XB01	380V STN DIST BD 1A CUB02	OPENED CLOSED	01BHE02 AA001 X05 128/129	00BYD01 XB 049 EF	Gn/1P Bn/1P	01BHE8004	UVG4ACV	I 11 3	828		H/W 187
02BBA01 EW002 XB01	11kV STATION BD 2 CUB01 CBL E/S	ON OFF	02BBA01 AA001 X02 054/055	00BYD01 XB 050 AB	Be/1P R/1P	02BBA8001	UVG4ACV	I 19 4	890		H/W 249
02BBA01 EW003 XB01	11kV STATION BD 2 CUB01 CBL ISOL	CLOSED OPENED	02BBA01 AA001 X03 062/063	00BYD01 XB 050 CD	Gy/1P Y/1P	02BBA8001	UVG4ACV	I 19 5	891		H/W 250
02BBA01 EW001 XB01	11kV STATION BD 2 CUB01 BKR	OPENED CLOSED	02BBA01 AA001 X03 052/053	00BYD01 XB 050 EF	Gn/1P Bn/1P	02BBA8001	UVG4ACV	I 11 4	829		H/W 188
02BBA02 YB92	11kV STATION BD 2 CUB02 BKR	CLOSE	02BBA02 AA001 X02 031/032	00BYD01 XB 051 AB	Be/1P R/1P	02BBA8002	UVG4ACV	Q 8 6			———
02BBA02 YB91	11kV STATION BD 2 CUB02 BKR	OPEN	02BBA02 AA001 X02 033/034	00BYD01 XB 051 CD	Gy/1P Y/1P	02BBA8002	UVG4ACV	Q 8 7			———
02BBA02 XB01	11kV STATION BD 2 CUB02 BKR	OPENED CLOSED	02BBA02 AA001 X03 051/052	00BYD01 XB 051 EF	Gn/1P Bn/1P	02BBA8002	UVG4ACV	I 11 5	830		H/W 189
02BBA02 XB51	11kV STATION BD 2 CUB02	LOC/OFF REMOTE	02BBA02 AA001 X03 002/003	00BYD01 XB 051 GH	W/1P Bk/1P	02BBA8002	UVG4ACV	I 11 6	831		H/W 190

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
02BBA03	YB92	11kV STATION BD 2 CUB03 BKR	CLOSE	02BBA03 AA001 X02 031/032	00BYD01 XB 052 AB	Be/1P R/1P	02BBA8003	UVG4ACV	Q 9 0			———
02BBA03	YB91	11kV STATION BD 2 CUB03 BKR	OPEN	02BBA03 AA001 X02 033/034	00BYD01 XB 052 CD	Gy/1P Y/1P	02BBA8003	UVG4ACV	Q 9 1			———
02BBA03	XB01	11kV STATION BD 2 CUB03 BKR	OPENED CLOSED	02BBA03 AA001 X02 051/052	00BYD01 XB 052 EF	Gn/1P Bn/1P	02BBA8003	UVG4ACV	I 11 7	832		H/W 191
02BBA03	XB51	11kV STATION BD 2 CUB03	LOC/OFF REMOTE	02BBA03 AA001 X03 002/003	00BYD01 XB 052 GH	W/1P Bk/1P	02BBA8003	UVG4ACV	I 12 0	833		H/W 192
02BBA04	YB92	11kV STATION BD 2 CUB04 BKR	CLOSE	02BBA04 AA001 X02 031/032	00BYD01 XB 053 AB	Be/1P R/1P	02BBA8004	UVG4ACV	Q 9 2			———
02BBA04	YB91	11kV STATION BD 2 CUB04 BKR	OPEN	02BBA04 AA001 X02 033/034	00BYD01 XB 053 CD	Gy/1P Y/1P	02BBA8004	UVG4ACV	Q 9 3			———
02BBA04	XB01	11kV STATION BD 2 CUB04 BKR	OPENED CLOSED	02BBA04 AA001 X02 051/052	00BYD01 XB 053 EF	Gn/1P Bn/1P	02BBA8004	UVG4ACV	I 12 1	834		H/W 193
02BBA04	XB51	11kV STATION BD 2 CUB04	LOC/OFF REMOTE	02BBA04 AA001 X03 002/003	00BYD01 XB 053 GH	W/1P Bk/1P	02BBA8004	UVG4ACV	I 12 2	835		H/W 194
02BBA05	YB92	11kV STATION BD 2 CUB05 BKR	CLOSE	02BBA05 AA001 X02 031/032	00BYD01 XB 054 AB	Be/1P R/1P	02BBA8005	UVG4ACV	Q 9 4			———
02BBA05	YB91	11kV STATION BD 2 CUB05 BKR	OPEN	02BBA05 AA001 X02 033/034	00BYD01 XB 054 CD	Gy/1P Y/1P	02BBA8005	UVG4ACV	Q 9 5			———
02BBA05	XB01	11kV STATION BD 2 CUB05 BKR	OPENED CLOSED	02BBA05 AA001 X02 051/052	00BYD01 XB 054 EF	Gn/1P Bn/1P	02BBA8005	UVG4ACV	I 12 3	836		H/W 195
02BBA05	XB51	11kV STATION BD 2 CUB05	LOC/OFF REMOTE	02BBA05 AA001 X03 002/003	00BYD01 XB 054 GH	W/1P Bk/1P	02BBA8005	UVG4ACV	I 12 4	837		H/W 196
02BBA06	YB92	11kV STATION BD 2 CUB06 BKR	CLOSE	02BBA06 AA001 X02 031/032	00BYD01 XB 055 AB	Be/1P R/1P	02BBA8006	UVG8ACV	Q 9 6			———
02BBA06	YB91	11kV STATION BD 2 CUB06 BKR	OPEN	02BBA06 AA001 X02 033/034	00BYD01 XB 055 CD	Gy/1P Y/1P	02BBA8006	UVG8ACV	Q 9 7			———
02BBA06	XB01	11kV STATION BD 2 CUB06 BKR	OPENED CLOSED	02BBA06 AA001 X02 051/052	00BYD01 XB 055 EF	Gn/1P Bn/1P	02BBA8006	UVG8ACV	I 12 5	838		H/W 197
02BBA06	XB51	11kV STATION BD 2 CUB06	LOC/OFF REMOTE	02BBA06 AA001 X03 002/003	00BYD01 XB 055 GH	W/1P Bk/1P	02BBA8006	UVG8ACV	I 12 6	839		H/W 198
02BBA07	YB92	11kV STATION BD 2 CUB07 BKR	CLOSE	02BBA07 AA001 X02 031/032	00BYD01 XB 057 AB	Be/1P R/1P	02BBA8007	UVG4ACV	Q 10 0			———
02BBA07	YB91	11kV STATION BD 2 CUB07 BKR	OPEN	02BBA07 AA001 X02 033/034	00BYD01 XB 057 CD	Gy/1P Y/1P	02BBA8007	UVG4ACV	Q 10 1			———
02BBA07	XB01	11kV STATION BD 2 CUB07 BKR	OPENED CLOSED	02BBA07 AA001 X02 051/052	00BYD01 XB 057 EF	Gn/1P Bn/1P	02BBA8007	UVG4ACV	I 12 7	840		H/W 199
02BBA07	XB51	11kV STATION BD 2 CUB07	LOC/OFF REMOTE	02BBA07 AA001 X03 002/003	00BYD01 XB 057 GH	W/1P Bk/1P	02BBA8007	UVG4ACV	I 13 0	841		H/W 200
02BBA08	YB92	11kV STATION BD 2 CUB08 BKR	CLOSE	02BBA08 AA001 X02 031/032	00BYD01 XB 058 AB	Be/1P R/1P	02BBA8008	UVG8ACV	Q 10 2			———
02BBA08	YB91	11kV STATION BD 2 CUB08 BKR	OPEN	02BBA08 AA001 X02 033/034	00BYD01 XB 058 CD	Gy/1P Y/1P	02BBA8008	UVG8ACV	Q 10 3			———
02BBA08	XB01	11kV STATION BD 2 CUB08 BKR	OPENED CLOSED	02BBA08 AA001 X02 051/052	00BYD01 XB 058 EF	Gn/1P Bn/1P	02BBA8008	UVG8ACV	I 13 1	842		H/W 201
02BBA08	XB51	11kV STATION BD 2 CUB08	LOC/OFF REMOTE	02BBA08 AA001 X03 002/003	00BYD01 XB 058 GH	W/1P Bk/1P	02BBA8008	UVG8ACV	I 13 2	843		H/W 202

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
02BBA09 YB92	11kV STATION BD 2 CUB09 BKR	CLOSE	02BBA09 AA001 X02 031/032	00BYD01 XB 060 AB	Be/1P R/1P	02BBA8009	UVG4ACV	Q 10 4			———
02BBA09 YB91	11kV STATION BD 2 CUB09 BKR	OPEN	02BBA09 AA001 X02 033/034	00BYD01 XB 060 CD	Gy/1P Y/1P	02BBA8009	UVG4ACV	Q 10 5			———
02BBA09 XB01	11kV STATION BD 2 CUB09 BKR	OPENED CLOSED	02BBA09 AA001 X02 051/052	00BYD01 XB 060 EF	Gn/1P Bn/1P	02BBA8009	UVG4ACV	I 13 3	844		H/W 203
02BBA09 XB51	11kV STATION BD 2 CUB09	LOC/OFF REMOTE	02BBA09 AA001 X03 002/003	00BYD01 XB 060 GH	W/1P Bk/1P	02BBA8009	UVG4ACV	I 13 4	845		H/W 204
02BBA10 YB92	11kV STATION BD 2 CUB10 BKR	CLOSE	02BBA10 AA001 X02 033/034	00BYD01 XB 061 AB	Be/1P R/1P	02BBA8010	UVG8ACV	Q 10 6			———
02BBA10 YB91	11kV STATION BD 2 CUB10 BKR	OPEN	02BBA10 AA001 X02 035/036	00BYD01 XB 061 CD	Gy/1P Y/1P	02BBA8010	UVG8ACV	Q 10 7			———
02BBA10 EW001 XB01	11kV STATION BD 2 CUB10 BKR	OPENED CLOSED	02BBA10 AA001 X02 053/054	00BYD01 XB 061 EF	Gn/1P Bn/1P	02BBA8010	UVG8ACV	I 13 5	846		H/W 205
02BBA10 EW002 XB01	11kV STATION BD 2 CUB10 CBL E/S	ON OFF	02BBA10 AA001 X03 017/018	00BYD01 XB 062 AB	Be/2P R/2P	02BBA8010	UVG8ACV	I 19 6	892		H/W 251
02BBA10 EW003 XB01	11kV STATION BD 2 CUB10 CBL ISOL	CLOSED OPENED	02BBA10 AA001 X03 045/046	00BYD01 XB 062 CD	Gy/2P Y/2P	02BBA8010	UVG8ACV	I 19 7	893		H/W 252
02BBA11 YB92	11kV STATION BD 2 CUB11 BKR	CLOSE	02BBA11 AA001 X02 041/042	00BYD01 XB 063 AB	Be/1P R/1P	02BBA8011	UVG4ACV	Q 11 0			———
02BBA11 YB91	11kV STATION BD 2 CUB11 BKR	OPEN	02BBA11 AA001 X02 043/044	00BYD01 XB 063 CD	Gy/1P Y/1P	02BBA8011	UVG4ACV	Q 11 1			———
02BBA11 XB01	11kV STATION BD 2 CUB11 BKR	OPENED CLOSED	02BBA11 AA001 X03 005/006	00BYD01 XB 063 EF	Gn/1P Bn/1P	02BBA8011	UVG4ACV	I 13 7	848		H/W 207
02BBA11 XB51	11kV STATION BD 2 CUB11	LOC/OFF REMOTE	02BBA11 AA001 X03 016/017	00BYD01 XB 063 GH	W/1P Bk/1P	02BBA8011	UVG4ACV	I 14 0	849		H/W 208
02BBA12 YB92	11kV STATION BD 2 CUB12 BKR	CLOSE	02BBA12 AA001 X02 031/032	00BYD01 XB 064 AB	Be/1P R/1P	02BBA8012	UVG8ACV	Q 11 2			———
02BBA12 YB91	11kV STATION BD 2 CUB12 BKR	OPEN	02BBA12 AA001 X02 033/034	00BYD01 XB 064 CD	Gy/1P Y/1P	02BBA8012	UVG8ACV	Q 11 3			———
02BBA12 XB01	11kV STATION BD 2 CUB12 BKR	OPENED CLOSED	02BBA12 AA001 X02 051/052	00BYD01 XB 064 EF	Gn/1P Bn/1P	02BBA8012	UVG8ACV	I 14 1	850		H/W 209
02BBA12 XB51	11kV STATION BD 2 CUB12	LOC/OFF REMOTE	02BBA12 AA001 X03 002/003	00BYD01 XB 064 GH	W/1P Bk/1P	02BBA8012	UVG8ACV	I 14 2	851		H/W 210
02BBA13 YB92	11kV STATION BD 2 CUB13 BKR	CLOSE	02BBA13 AA001 X02 025/026	00BYD01 XB 066 AB	Be/1P R/1P	02BBA8013	UVG8ACV	Q 11 4			———
02BBA13 YB91	11kV STATION BD 2 CUB13 BKR	OPEN	02BBA13 AA001 X02 027/028	00BYD01 XB 066 CD	Gy/1P Y/1P	02BBA8013	UVG8ACV	Q 11 5			———
02BBA13 XB01	11kV STATION BD 2 CUB13 BKR	OPENED CLOSED	02BBA13 AA001 X02 045/046	00BYD01 XB 066 EF	Gn/1P Bn/1P	02BBA8013	UVG8ACV	I 14 3	852		H/W 211
02BBA13 XB51	11kV STATION BD 2 CUB13	LOC/OFF REMOTE	02BBA13 AA001 X02 056/057	00BYD01 XB 066 GH	W/1P Bk/1P	02BBA8013	UVG8ACV	I 14 4	853		H/W 212
02BBA14 YB92	11kV STATION BD 2 CUB14 BKR	CLOSE	02BBA14 AA001 X02 025/026	00BYD01 XB 068 AB	Be/1P R/1P	02BBA8014	UVG8ACV	Q 11 6			———
02BBA14 YB91	11kV STATION BD 2 CUB14 BKR	OPEN	02BBA14 AA001 X02 027/028	00BYD01 XB 068 CD	Gy/1P Y/1P	02BBA8014	UVG8ACV	Q 11 7			———
02BBA14 XB01	11kV STATION BD 2 CUB14 BKR	OPENED CLOSED	02BBA14 AA001 X02 045/046	00BYD01 XB 068 EF	Gn/1P Bn/1P	02BBA8014	UVG8ACV	I 14 5	854		H/W 213

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
02BBA14 XB51	11kV STATION BD 2 CUB14	LOC/OFF REMOTE	02BBA14 AA001 X02 056/057	00BYD01 XB 068 GH	W/1P Bk/1P	02BBA8014	UVG8ACV	I 14 6	855		H/W 214
02BBA15 YB92	11kV STATION BD 2 CUB15 BKR	CLOSE	02BBA15 AA001 X02 025/026	00BYD01 XB 070 AB	Be/1P R/1P	02BBA8015	UVG8ACV	Q 12 0			———
02BBA15 YB91	11kV STATION BD 2 CUB15 BKR	OPEN	02BBA15 AA001 X02 027/028	00BYD01 XB 070 CD	Gy/1P Y/1P	02BBA8015	UVG8ACV	Q 12 1			———
02BBA15 XB01	11kV STATION BD 2 CUB15 BKR	OPENED CLOSED	02BBA15 AA001 X02 045/046	00BYD01 XB 070 EF	Gn/1P Bn/1P	02BBA8015	UVG8ACV	I 14 7	856		H/W 215
02BBA15 XB51	11kV STATION BD 2 CUB15	LOC/OFF REMOTE	02BBA15 AA001 X02 056/057	00BYD01 XB 070 GH	W/1P Bk/1P	02BBA8015	UVG8ACV	I 15 0	857		H/W 216
02BBA16 YB92	11kV STATION BD 2 CUB16 BKR	CLOSE	02BBA16 AA001 X02 031/032	00BYD01 XB 072 AB	Be/1P R/1P	02BBA8016	UVG4ACV	Q 12 2			———
02BBA16 YB91	11kV STATION BD 2 CUB16 BKR	OPEN	02BBA16 AA001 X02 033/034	00BYD01 XB 072 CD	Gy/1P Y/1P	02BBA8016	UVG4ACV	Q 12 3			———
02BBA16 XB01	11kV STATION BD 2 CUB16 BKR	OPENED CLOSED	02BBA16 AA001 X02 051/052	00BYD01 XB 072 EF	Gn/1P Bn/1P	02BBA8016	UVG4ACV	I 15 1	858		H/W 217
02BBA16 XB51	11kV STATION BD 2 CUB16	LOC/OFF REMOTE	02BBA16 AA001 X03 002/003	00BYD01 XB 072 GH	W/1P Bk/1P	02BBA8016	UVG4ACV	I 15 2	859		H/W 218
02BBA17 YB92	11kV STATION BD 2 CUB17 BKR	CLOSE	02BBA17 AA001 X02 031/032	00BYD01 XB 073 AB	Be/1P R/1P	02BBA8017	UVG4ACV	Q 12 4			———
02BBA17 YB91	11kV STATION BD 2 CUB17 BKR	OPEN	02BBA17 AA001 X02 033/034	00BYD01 XB 073 CD	Gy/1P Y/1P	02BBA8017	UVG4ACV	Q 12 5			———
02BBA17 XB01	11kV STATION BD 2 CUB17 BKR	OPENED CLOSED	02BBA17 AA001 X02 051/052	00BYD01 XB 073 EF	Gn/1P Bn/1P	02BBA8017	UVG4ACV	I 15 3	860		H/W 219
02BBA17 XB51	11kV STATION BD 2 CUB17	LOC/OFF REMOTE	02BBA17 AA001 X03 002/003	00BYD01 XB 073 GH	W/1P Bk/1P	02BBA8017	UVG4ACV	I 15 4	861		H/W 220
02BDA01 YB92	3 3kV STN SERV BD 1B CUBO1 BKR	CLOSE	02BDA01 AA001 X02 029/030	00BYD01 XB 074 AB	Be/1P R/1P	02BDA8001	UVG8ACV	Q 12 6			———
02BDA01 YB91	3 3kV STN SERV BD 1B CUBO1 BKR	OPEN	02BDA01 AA001 X02 031/032	00BYD01 XB 074 CD	Gy/1P Y/1P	02BDA8001	UVG8ACV	Q 12 7			———
02BDA01 EW001 XB01	3 3kV STN SERV BD 1B CUBO1 BKR	OPENED CLOSED	02BDA01 AA001 X02 049/050	00BYD01 XB 074 EF	Gn/1P Bn/1P	02BDA8001	UVG8ACV	I 15 5	862		H/W 221
02BDA01 XB51	3 3kV STN SERV BD 1B CUBO1	LOC/OFF REMOTE	02BDA01 AA001 X03 002/003	00BYD01 XB 074 GH	W/1P Bk/1P	02BDA8001	UVG8ACV	I 15 6	863		H/W 222
02BDA01 EW002 XB01	3 3kV S/SERV BD 1B CUBO1 CBL E/S	ON OFF	02BDA01 AA001 X03 013/014	00BYD01 XB 075 AB	Be/2P R/2P	02BDA8001	UVG8ACV	I 20 0	894		H/W 253
02BDA01 EW003 XB01	3 3kV S/SERV BD 1B CUBO1 ISOL	CLOSED OPENED	02BDA01 AA001 X02 059/060	00BYD01 XB 075 CD	Gy/2P Y/2P	02BDA8001	UVG8ACV	I 20 1	895		H/W 254
02BHA01 XB01	380V WATER PLANT BD 1B CUB01	OPENED CLOSED	02BHA01 AA001 X05 128/129	00BYD01 XB 076 EF	Gn/1P Bn/1P	02BHA8071	UVG4ACV	I 15 7	864		H/W 223
02BHE01 XB01	380V STN DIST BD 1B CUB01	OPENED CLOSED	02BHE01 AA001 X05 128/129	00BYD01 XB 077 EF	Gn/1P Bn/1P	02BHE8002	UVG4ACV	I 16 0	865		H/W 224
00AEA01 YB92	STATION TRANSFORMER 132kV BKR	CLOSE	00BBY02 AA001 X01 021/022	00BYD01 XB 078 AB	Be/1P R/1P	00BBY8002	UVG8ACV	Q 13 3			———
00AEA01 YB91	STATION TRANSFORMER 132kV BKR	OPEN	00BBY02 AA001 X01 015/016	00BYD01 XB 078 CD	Gy/1P Y/1P	00BBY8002	UVG8ACV	Q 13 0			———
01BBA14 YB92	11kV STATION BD 1 CUB14 BKR	CLOSE	00BBY02 AA001 X01 023/024	00BYD01 XB 078 EF	Gn/1P Bn/1P	00BBY8002	UVG8ACV	Q 13 4			———

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
01BBA14 YB91	11kV STATION BD 1 CUB14 BKR	OPEN	00BBY02 AA001 X01 017/018	00BYD01 XB 078 GH	W/2P Bk/2P	00BBY8002	UVG8ACV	Q 13 1			
02BBA01 YB92	11kV STATION BD 2 CUB01 BKR	CLOSE	00BBY02 AA001 X01 025/026	00BYD01 XB 079 AB	Be/2P R/2P	00BBY8002	UVG8ACV	Q 13 5			
02BBA01 YB91	11kV STATION BD 2 CUB01 BKR	OPEN	00BBY02 AA001 X01 019/020	00BYD01 XB 079 CD	Gy/2P Y/2P	00BBY8002	UVG8ACV	Q 13 2			
00BBT10 YB93	STATION TRANSFORMER TAP CHANGE	RAISE	00BBY02 AA001 X04 033/034	00BYD01 XB 079 EF	Gn/2P Bn/2P	00BBY8002	UVG8ACV	Q 13 6			
00BBT10 YB94	STATION TRANSFORMER TAP CHANGE	LOWER	00BBY02 AA001 X04 035/036	00BYD01 XB 079 GH	W/2P Bk/2P	00BBY8002	UVG8ACV	Q 13 7			
02BBA18 YB92	11kV STATION BD 2 CUB18 BKR	CLOSE	02BBA18 AA001 X02 031/032	00BYD01 XB 080 AB	Be/1P R/1P	02BBA8026	UVG4ACV	Q 14 0			
02BBA18 YB91	11kV STATION BD 2 CUB18 BKR	OPEN	02BBA18 AA001 X02 033/034	00BYD01 XB 080 CD	Gy/1P Y/1P	02BBA8026	UVG4ACV	Q 14 1			
02BBA18 XB01	11kV STATION BD 2 CUB18 BKR	OPENED CLOSED	02BBA18 AA001 X02 051/052	00BYD01 XB 080 EF	Gn/1P Bn/1P	02BBA8026	UVG4ACV	I 16 1	866		H/W 225
02BBA18 XB51	11kV STATION BD 2 CUB18	LOC/OFF REMOTE	02BBA18 AA001 X03 002/003	00BYD01 XB 080 GH	W/1P Bk/1P	02BBA8026	UVG4ACV	I 16 2	867		H/W 226
00BDE06 EW002 XB01	3 3kV STN DG BD CUB06 CBL E/S	ON OFF	00BDE06 AA001 X05 049/050	00BYD01 XB 081 AB	Be/1P R/1P	00BDE8010	UVG4ACV	I 17 2	872		H/W 231
00BDE06 EW003 XB01	3 3kV STN DG BD CUB06 CBL ISOL	CLOSED OPENED	00BDE06 AA001 X05 047/048	00BYD01 XB 081 CD	Gy/1P Y/1P	00BDE8010	UVG4ACV	I 17 3	873		H/W 232
00BDE06 EW004 XB01	3 3kV STN DG BD CUB06 BB E/S	ON OFF	00BDE06 AA001 X05 038/039	00BYD01 XB 081 EF	Gn/1P Bn/1P	00BDE8010	UVG4ACV	I 17 4	874		H/W 233
00BDE06 EW005 XB01	3 3kV STN DG BD CUB06 BB ISOL	CLOSED OPENED	00BDE06 AA001 X05 009/010	00BYD01 XB 081 GH	W/1P Bk/1P	00BDE8010	UVG4ACV	I 20 4	1207		H/W 566
01BHB01 XB01	380V LP SERVICES BD 1A CUB01	OPENED CLOSED	01BHB01 AA001 X05 128/129	00BYD01 XB 082 EF	Gn/1P Bn/1P	01BHB8003	UVG4ACV	I 19 0	886		H/W 245
01BHB02 XB01	380V LP SERVICES BD 1A CUB02	OPENED CLOSED	01BHB02 AA001 X05 128/129	00BYD01 XB 083 EF	Gn/1P Bn/1P	01BHB8004	UVG4ACV	I 19 1	887		H/W 246
01BHC01 XB01	380V STN SERV BLD BD 1A CUB01	OPENED CLOSED	01BHC01 AA001 X05 128/129	00BYD01 XB 084 EF	Gn/1P Bn/1P	01BHC8001	UVG4ACV	I 19 2	888		H/W 247
01BHC02 XB01	380V STN SERV BLD BD 1A CUB02	OPENED CLOSED	01BHC02 AA001 X05 128/129	00BYD01 XB 085 EF	Gn/1P Bn/1P	01BHC8003	UVG4ACV	I 19 3	889		H/W 248
02BHB01 XB01	380V LP SERVICES BD 1B CUB01	OPENED CLOSED	02BHB01 AA001 X05 128/129	00BYD01 XB 086 EF	Gn/1P Bn/1P	02BHB8002	UVG4ACV	I 20 2	896		H/W 255
02BHC01 XB01	380V STN SERV BLD BD 1B CUB01	OPENED CLOSED	02BHC01 AA001 X05 128/129	00BYD01 XB 087 EF	Gn/1P Bn/1P	02BHC8002	UVG4ACV	I 20 3	897		H/W 256
	11kV STATION BD 1 INC BKR	CLOSE		00BYD01 XB 088 AB	Be/1P R/1P	CABLE 11	UVG8ACV	Q 15 0			
	11kV STATION BD 1 INC BKR	OPEN		00BYD01 XB 088 CD	Gy/1P Y/1P	CABLE 11	UVG8ACV	Q 15 1			
	STN CONTROL BLACK START	ACTIVE		00BYD01 XB 088 EF	Gn/1P Bn/1P	CABLE 11	UVG8ACV	Q 14 6			
	STN CONTROL MONTHLY START	ACTIVE		00BYD01 XB 088 GH	W/1P Bk/1P	CABLE 11	UVG8ACV	Q 14 5			
	11kV STATION BD 1 LOOP BKR	CLOSE		00BYD01 XB 089 AB	Be/2P R/2P	CABLE 11	UVG8ACV	Q 15 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
	11kV STATION BD 1 LOOP BKR	OPEN		00BYD01 XB 089 CD	Gy/2P Y/2P	CABLE 11	UVG8ACV	Q 15 3			
	11kV STATION BD 2 INC BKR	CLOSE		00BYD01 XB 090 AB	Be/1P R/1P	CABLE 12	UVG8ACV	Q 15 4			
	11kV STATION BD 2 INC BKR	OPEN		00BYD01 XB 090 CD	Gy/1P Y/1P	CABLE 12	UVG8ACV	Q 15 5			
	11kV STATION BD 2 LOOP BKR	CLOSE		00BYD01 XB 091 AB	Be/2P Re/2P	CABLE 12	UVG8ACV	Q 15 6			
	11kV STATION BD 2 LOOP BKR	OPEN		00BYD01 XB 091 CD	Gy/2P Y/2P	CABLE 12	UVG8ACV	Q 15 7			
	11KV STATION BD1	DARK		00BYD01 XB 092 AB	Be/1P R/1P	CABLE 15	UVG8ACV	I 21 0			
	11KV STATION BD1	BRIGHT		00BYD01 XB 092 CD	Gy/1P Y/1P	CABLE 15	UVG8ACV	I 21 1			
	11KV STATION BD2	DARK		00BYD01 XB 092 EF	Gn/1P Bn/1P	CABLE 15	UVG8ACV	I 21 2			
	11KV STATION BD2	BRIGHT		00BYD01 XB 092 GH	W/1P Bk/1P	CABLE 15	UVG8ACV	I 21 3			
				00BYD01 XB 093 AB	Be/2P R/2P	CABLE 15	UVG8ACV	I 21 4			
				00BYD01 XB 093 CD	Gy/2P Y/2P	CABLE 15	UVG8ACV	I 21 5			
				00BYD01 XB 093 EF	Gn/2P Bn/2P	CABLE 15	UVG8ACV	I 21 6			
				00BYD01 XB 093 GH	W/2P Bk/2P	CABLE 15	UVG8ACV	I 21 7			
				00BYD01 XB 094 AB	Be/1P R/1P	CABLE 16	UVG8ACV	I 22 0			
				00BYD01 XB 094 CD	Gy/1P Y/1P	CABLE 16	UVG8ACV	I 22 1			
				00BYD01 XB 094 EF	Gn/1P Bn/1P	CABLE 16	UVG8ACV	I 22 2			
				00BYD01 XB 094 GH	W/1P Bk/1P	CABLE 16	UVG8ACV	I 22 3			
				00BYD01 XB 095 AB	Be/2P R/2P	CABLE 16	UVG8ACV	I 22 4			
				00BYD01 XB 095 CD	Gy/2P Y/2P	CABLE 16	UVG8ACV	I 22 5			
				00BYD01 XB 095 EF	Gn/2P Bn/2P	CABLE 16	UVG8ACV	I 22 6			
				00BYD01 XB 095 GH	W/2P Bk/2P	CABLE 16	UVG8ACV	I 22 7			
01BBA00 XQ54	11kV STATION BD 1 BB VOLTS	0-5mA 0-11kV	01BBA06 AA001 X02 023/024	00BYD01 XE 003 AB	Be/1P R/1P	01BBA8017	UVG4ACV	PW 134			
02BBA00 XQ54	11kV STATION BD 2 BB VOLTS	0-5mA 0-11kV	02BBA11 AA001 X02 023/024	00BYD01 XE 004 AB	Be/1P R/1P	02BBA8018	UVG4ACV	PW 136			
01BBA05 XQ55	STN LOOP TO UNIT 1,3,5 MW	0-5mA 0-40MW	00BYA01 AA001 X52 001/002	00BYD01 XW 001 AB	W Be	00BYA8001	TVH20BR	PW 184			

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
01BBA05 XQ52	STN LOOP TO UNIT 1,3,5 AMP	0-5mA 0-2000A	00BYA01 AA001 X52 005/006	00BYD01 XW 001 CD	W O	00BYA8001	TVH20BR	PW 138			
01BBA05 XQ54	STN LOOP TO UNIT 1,3,5 VOLT	0-5mA 0-11kV	00BYA01 AA001 X52 011/012	00BYD01 XW 001 EF	W Gn	00BYA8001	TVH20BR	PW 140			
02BBA10 XQ55	STN LOOP TO UNIT 2,4,6 MW	0-5mA 0-40MW	00BYA01 AA001 X52 015/016	00BYD01 XW 001 GH	W Bn	00BYA8001	TVH20BR	PW 142			
02BBA10 XQ52	STN LOOP TO UNIT 2,4,6 AMPS	0-5mA 0-2000A	00BYA01 AA001 X52 019/020	00BYD01 XW 001 IK	W Gy	00BYA8001	TVH20BR	PW 144			
02BBA10 XQ54	STN LOOP TO UNIT 2,4,6 VOLT	0-5mA 0-11kV	00BYA01 AA001 X52 025/026	00BYD01 XW 002 AB	R Be	00BYA8001	TVH20BR	PW 146			
00BBT10 XQ55	STN TRFR HV SIDE WATTS	0-5mA 0-48MW	00BYA01 AA001 X53 001/002	00BYD01 XW 002 CD	R O	00BYA8001	TVH20BR	PW 148			
00BBT10 XQ56	STN TRFR HV SIDE VARS	0-5mA 0-24MVAr	00BYA01 AA001 X53 003/004	00BYD01 XW 002 EF	R Gn	00BYA8001	TVH20BR	PW 150			
00BBT10 XQ51	STN TRFR HV SIDE R PHASE AMPS	0-5mA 0-400A	00BYA01 AA001 X53 005/006	00BYD01 XW 002 GH	R Bn	00BYA8001	TVH20BR	PW 152			
00BBT10 XQ52	STN TRFR HV SIDE W PHASE AMPS	0-5mA 0-400A	00BYA01 AA001 X53 007/008	00BYD01 XW 002 IK	R Gy	00BYA8001	TVH20BR	PW 154			
00BBT10 XQ53	STN TRFR HV SIDE B PHASE AMPS	0-5mA 0-400A	00BYA01 AA001 X53 009/010	00BYD01 XW 003 AB	Bk Be	00BYA8001	TVH20BR	PW 156			
00BBT10 GS001 XQ54	STN TRFR HV SIDE VOLTS	0-5mA 0-132kV	00BYA01 AA001 X53 011/012	00BYD01 XW 003 CD	Bk O	00BYA8001	TVH20BR	PW 158			
01BBA14 XQ55	11kV STATION BD 1 CUB14 MW	0-5mA 0-50MW	00BYA01 AA001 X56 001/002	00BYD01 XW 003 EF	Bk Gn	00BYA8001	TVH20BR	PW 160			
01BBA14 XQ56	11kV STATION BD 1 CUB14 MVAR	0-5mA 0-25MVAr	00BYA01 AA001 X56 003/004	00BYD01 XW 003 GH	Bk Bn	00BYA8001	TVH20BR	PW 162			
01BBA14 XQ52	11kV STATION BD 1 CUB14 AMPS	0-5mA 0-2500A	00BYA01 AA001 X56 007/008	00BYD01 XW 003 IK	Bk Gy	00BYA8001	TVH20BR	PW 164			
00BBT10 GS002 XQ54	STN TRFR LV SIDE VOLTS	0-5mA 0-11kV	00BYA01 AA001 X56 011/012	00BYD01 XW 004 AB	Y Be	00BYA8001	TVH20BR	PW 166			
02BBA01 XQ55	11kV STATION BD 2 CUB01 MW	0-5mA 0-50MW	00BYA01 AA001 X56 013/014	00BYD01 XW 004 CD	Y O	00BYA8001	TVH20BR	PW 168			
02BBA01 XQ56	11kV STATION BD 2 CUB01 MVAR	0-5mA 0-25MVAr	00BYA01 AA001 X56 015/016	00BYD01 XW 004 EF	Y Gn	00BYA8001	TVH20BR	PW 170			
02BBA01 XQ52	11kV STATION BD 2 CUB01 AMPS	0-5mA 0-2500A	00BYA01 AA001 X56 019/020	00BYD01 XW 004 GH	Y Bn	00BYA8001	TVH20BR	PW 172			
00XKA00 XQ55	3 3kV STN DG MW	0-5mA 1 5MW	00BYA01 AA001 X53 013/014	00BYD01 XW 005 AB	W Be	00BYA8002	TVH20BR	PW 130			
00XKA00 XQ56	3 3kV STN DG MVARS	0-5mA 750KVAr	00BYA01 AA001 X53 015/016	00BYD01 XW 005 CD	W O	00BYA8002	TVH20BR	PW 174			
00BDE06 XQ52	3 3kV STN DG BD CUB06 AMPS	0-5mA 0-250A	00BYA01 AA001 X53 017/018	00BYD01 XW 005 EF	W Gn	00BYA8002	TVH20BR	PW 132			
00BDE04 XQ52	3 3kV STN DG BD CUB04 AMPS	0-5mA 0-250A	00BYA01 AA001 X53 019/020	00BYD01 XW 005 EF	W Gn	00BYA8002	TVH20BR	PW 128			
00BDE00 XQ54	3 3kV STN DG BD BB VOLTS	0-5mA 0-3 3kV	00BYA01 AA001 X53 023/024	00BYD01 XW 005 GH	W Bn	00BYA8002	TVH20BR	PW 176			
01BDA02 XQ52	3 3kV STN SERV BD 1A CUB02 AMPS	0-5mA 0-600A	00BYA01 AA001 X57 003/004	00BYD01 XW 005 IK	W Gy	00BYA8002	TVH20BR	PW 182			

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
01BDA00 XQ54	3 3kV STN SERV BD 1A BB VOLTS	0-5mA 0-3 3kV	00BYA01 AA001 X57 007/008	00BYD01 XW 006 AB	R Be	00BYA8002	TVH20BR	PW 178			
02BDA01 XQ52	3 3kV STN SERV BD 1B CUB01 AMPS	0-5mA 0-600A	00BYA01 AA001 X57 011/012	00BYD01 XW 006 CD	R O	00BYA8002	TVH20BR	PW 186			
02BDA00 XQ54	3 3kV STN SERV BD 1B BB VOLTS	0-5mA 0-3 3kV	00BYA01 AA001 X57 015/016	00BYD01 XW 006 EF	R Gn	00BYA8002	TVH20BR	PW 180			
----	SSB SPARE 1249	–	–	–	–	–	–	–	1249		
----	SSB SPARE 763	–	–	–	–	–	–		763		Vir 122
----	SSB SPARE 764	–	–	–	–	–	–		764		Vir 123
----	SSB SPARE 765	–	–	–	–	–	–		765		Vir 124
----	SSB SPARE 766	–	–	–	–	–	–		766		Vir 125
----	SSB SPARE 767	–	–	–	–	–	–		767		Vir 126
----	SSB SPARE 768	–	–	–	–	–	–		768		Vir 127
----	SSB SPARE 868	–	–	–	–	–	–	–	868		H/W 227
----	SSB SPARE 869	–	–	–	–	–	–	–	869		H/W 228
----	SSB SPARE 875	–	–	–	–	–	–	–	875		H/W 234
----	SSB SPARE 898	–	–	–	–	–	–	–	898		H/W 257
----	SSB SPARE 899	–	–	–	–	–	–	–	899		H/W 258
----	SSB SPARE 900	–	–	–	–	–	–	–	900		H/W 259
----	SSB SPARE 901	–	–	–	–	–	–	–	901		H/W 260
----	SSB SPARE 902	–	–	–	–	–	–	–	902		H/W 261
----	SSB SPARE 903	–	–	–	–	–	–	–	903		H/W 262
----	SSB SPARE 904	–	–	–	–	–	–	–	904		H/W 263
----	SSB SPARE 905	–	–	–	–	–	–	–	905		H/W 264
----	SSB SPARE 906	–	–	–	–	–	–	–	906		H/W 265
----	SSB SPARE 907	–	–	–	–	–	–	–	907		H/W 266
----	SSB SPARE 908	–	–	–	–	–	–	–	908		H/W 267

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
——	SSB SPARE 909	–	–	–	–	–	–	–	909		H/W 268
——	SSB SPARE 910	–	–	–	–	–	–	–	910		H/W 269
——	SSB SPARE 911	–	–	–	–	–	–	–	911		H/W 270
——	SSB SPARE 912	–	–	–	–	–	–	–	912		H/W 271
——	SSB SPARE 913	–	–	–	–	–	–	–	913		H/W 272
——	SSB SPARE 914	–	–	–	–	–	–	–	914		H/W 273
——	SSB SPARE 915	–	–	–	–	–	–	–	915		H/W 274
——	SSB SPARE 916	–	–	–	–	–	–	–	916		H/W 275
——	SSB SPARE 917	–	–	–	–	–	–	–	917		H/W 276
——	SSB SPARE 918	–	–	–	–	–	–	–	918		H/W 277
——	SSB SPARE 919	–	–	–	–	–	–	–	919		H/W 278
——	SSB SPARE 920	–	–	–	–	–	–	–	920		H/W 279
——	SSB SPARE 921	–	–	–	–	–	–	–	921		H/W 280
——	SSB SPARE 922	–	–	–	–	–	–	–	922		H/W 281
——	SSB SPARE 923	–	–	–	–	–	–	–	923		H/W 282
——	SSB SPARE 924	–	–	–	–	–	–	–	924		H/W 283
——	SSB SPARE 925	–	–	–	–	–	–	–	925		H/W 284
——	SSB SPARE 926	–	–	–	–	–	–	–	926		H/W 285
——	SSB SPARE 927	–	–	–	–	–	–	–	927		H/W 286
——	SSB SPARE 928	–	–	–	–	–	–	–	928		H/W 287
——	SSB SPARE 929	–	–	–	–	–	–	–	929		H/W 288
——	SSB SPARE 930	–	–	–	–	–	–	–	930		H/W 289
——	SSB SPARE 931	–	–	–	–	–	–	–	931		H/W 290
——	SSB SPARE 932	–	–	–	–	–	–	–	932		H/W 291

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
——	SSB SPARE 933	–	–	–	–	–	–	–	933		H/W 292
——	SSB SPARE 934	–	–	–	–	–	–	–	934		H/W 293
——	SSB SPARE 935	–	–	–	–	–	–	–	935		H/W 294
——	SSB SPARE 936	–	–	–	–	–	–	–	936		H/W 295
——	SSB SPARE 937	–	–	–	–	–	–	–	937		H/W 296
——	SSB SPARE 938	–	–	–	–	–	–	–	938		H/W 297
——	SSB SPARE 939	–	–	–	–	–	–	–	939		H/W 298
——	SSB SPARE 940	–	–	–	–	–	–	–	940		H/W 299
——	SSB SPARE 941	–	–	–	–	–	–	–	941		H/W 300
——	SSB SPARE 942	–	–	–	–	–	–	–	942		H/W 301
——	SSB SPARE 943	–	–	–	–	–	–	–	943		H/W 302
——	SSB SPARE 944	–	–	–	–	–	–	–	944		H/W 303
——	SSB SPARE 945	–	–	–	–	–	–	–	945		H/W 304
——	SSB SPARE 946	–	–	–	–	–	–	–	946		H/W 305
——	SSB SPARE 947	–	–	–	–	–	–	–	947		H/W 306
——	SSB SPARE 948	–	–	–	–	–	–	–	948		H/W 307
——	SSB SPARE 949	–	–	–	–	–	–	–	949		H/W 308
——	SSB SPARE 950	–	–	–	–	–	–	–	950		H/W 309
——	SSB SPARE 951	–	–	–	–	–	–	–	951		H/W 310
——	SSB SPARE 952	–	–	–	–	–	–	–	952		H/W 311
——	SSB SPARE 953	–	–	–	–	–	–	–	953		H/W 312
——	SSB SPARE 954	–	–	–	–	–	–	–	954		H/W 313
——	SSB SPARE 955	–	–	–	–	–	–	–	955		H/W 314
——	SSB SPARE 956	–	–	–	–	–	–	–	956		H/W 315

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
____	SSB SPARE 957	–	–	–	–	–	–	–	957		H/W 316
____	SSB SPARE 958	–	–	–	–	–	–	–	958		H/W 317
____	SSB SPARE 959	–	–	–	–	–	–	–	959		H/W 318
____	SSB SPARE 960	–	–	–	–	–	–	–	960		H/W 319
____	SSB SPARE 967	–	–	–	–	–	–	–	967		H/W 326
____	SSB SPARE 968	–	–	–	–	–	–	–	968		H/W 327
____	SSB SPARE 973	–	–	–	–	–	–	–	973		H/W 332
____	SSB SPARE 974	–	–	–	–	–	–	–	974		H/W 333
____	SSB SPARE 1114	–	–	–	–	–	–	–	1114		H/W 473
____	SSB SPARE 1181	–	–	–	–	–	–	–	1181		H/W 540
____	SSB SPARE 1192	–	–	–	–	–	–	–	1192		H/W 551
____	SSB SPARE 1193	–	–	–	–	–	–	–	1193		H/W 552
____	SSB SPARE 1194	–	–	–	–	–	–	–	1194		H/W 553
____	SSB SPARE 1201	–	–	–	–	–	–	–	1201		H/W 560
____	SSB SPARE 1214	–	–	–	–	–	–	–	1214		H/W 573
____	SSB SPARE 1228	–	–	–	–	–	–	–	1228		H/W 587
____	SSB SPARE 1229	–	–	–	–	–	–	–	1229		H/W 588
____	SSB SPARE 1236	–	–	–	–	–	–	–	1236		H/W 595
____	SSB SPARE 1237	–	–	–	–	–	–	–	1237		H/W 596
____	SSB SPARE 1238	–	–	–	–	–	–	–	1238		H/W 597
____	SSB SPARE 1239	–	–	–	–	–	–	–	1239		H/W 598
____	SSB SPARE 1240	–	–	–	–	–	–	–	1240		H/W 599
____	SSB SPARE 1241	–	–	–	–	–	–	–	1241		H/W 600
____	SSB SPARE 1242	–	–	–	–	–	–	–	1242		H/W 601

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
——	SSB SPARE 1243	–	–	–	–	–	–	–	1243		H/W 602
——	SSB SPARE 1244	–	–	–	–	–	–	–	1244		H/W 603
——	SSB SPARE 1245	–	–	–	–	–	–	–	1245		H/W 604
——	SSB SPARE 1246	–	–	–	–	–	–	–	1246		H/W 605
——	SSB SPARE 1247	–	–	–	–	–	–	–	1247		H/W 606
——	SSB SPARE 1248	–	–	–	–	–	–	–	1248		H/W 607
——	SSB SPARE 748	–	–	–	–	–	–		748		S/W 107 D 7 11
——	SSB SPARE 749	–	–	–	–	–	–		749		S/W 108 D 7 12
——	SSB SPARE 750	–	–	–	–	–	–		750		S/W 109 D 7 13
——	SSB SPARE 751	–	–	–	–	–	–		751		S/W 110 D 7 14
——	SSB SPARE 752	–	–	–	–	–	–		752		S/W 111 D 7 15