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
00BYD19 EW002 YB91	TIME PULSE ON EVERY HOUR							Q			
00BYD19 EW001 YB91	TIME PULSE ON EVERY MINUTE							Q			
00BYD19 EW003 YB91	TIME PULSE ON EVERY DAY							Q			
00BYD19 EW001 XW00	S/EAST E490 MODULE	FAULT							2187		Vir 96
00BYD19 EW002 XW00	S/EAST E490 MESSAGE MEMORY	FULL							2188		Vir 97
00BYD19 EW003 XW00	S/EAST E490 POWER	FAILED							2189		Vir 98
00BYD19 EW004 XW00	S/EAST E490 POWER	NORMAL							2190		Vir 99
00BYD19 EW005 XW00	S/EAST E490 AUTOMATIC TEST	FAILED							2191		Vir 100
00BYD19 EW006 XW00	S/EAST E490 DATE/TIME	UPDATED							2192		Vir 101
00BYD19 EW007 XW00	S/EAST E490 UNIT	FAILED							2193		Vir 102
00BYD19 EW008 XW00	S/EAST E490 UNIT	NORMAL							2194		Vir 103
00BYD19 EW009 XW00	S/EAST E490 SYNCHRONISATION	FAILED							2195		Vir 104
00BYD19 EW010 XW00	S/EAST E490 SYNCHRONISATION	NORMAL							2196		Vir 105
	S/EAST SPARE 2197								2197		Vir 106
	S/EAST SPARE 2198								2198		Vir 107
	S/EAST SPARE 2199								2199		Vir 108
00BYD19 XW51	S/EAST PLC COOLING FAN/BATT	FAULT NORMAL							2091		S/W 0 D 1 00
00BYD19 XW02	S/EAST PLC MCB TRIPPED	ALARM NORMAL							2092		S/W 1 D 1 01
00BYD19 XW00	S/EAST PLC	STOPPED RUN							2093		S/W 2 D 1 02
00BYD19 EG001 XW00	S/EAST H1 LINK TO UNIT CO-ORD	DISCONN ONLINE							2094		S/W 3 D 1 03
00BYD19 EG002 XW00	S/EAST H1 LINK TO STN CO-ORD	DISCONN ONLINE							2095		S/W 4 D 1 04
00BYD19 EG003 XW00	S/EAST H1 LINK TO SSB	DISCONN ONLINE							2096		S/W 5 D 1 05
00BYD19 EG004 XW00	S/EAST H1 LINK TO SSB	OFFLINE ONLINE							2097		S/W 6 D 1 06
	S/EAST SPARE 2098								2098		S/W 7 D 1 07

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH No IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
	S/EAST SPARE 2099								2099		S/W 8 D 1 08
	S/EAST SPARE 2100								2100		S/W 9 D 1 09
	S/EAST SPARE 2101								2101		S/W 10 D 1 10
	S/EAST SPARE 2102								2102		S/W 11 D 1 11
	S/EAST SPARE 2103								2103		S/W 12 D 1 12
01BBE01 XW88	11kV S/EAST BD A CUB01 BKR OPEN	FAIL NORMAL							2107		S/W 16 D 2 00
01BBE01 XW89	11kV S/EAST BD A CUB01 BKR CLSE	FAIL NORMAL							2108		S/W 17 D 2 01
01BBE02 XW88	11kV S/EAST BD A CUB02 BKR OPEN	FAIL NORMAL							2109		S/W 18 D 2 02
01BBE02 XW89	11kV S/EAST BD A CUB02 BKR CLSE	FAIL NORMAL							2110		S/W 19 D 2 03
01BBE03 XW88	11kV S/EAST BD A CUB03 BKR OPEN	FAIL NORMAL							2111		S/W 20 D 2 04
01BBE03 XW89	11kV S/EAST BD A CUB03 BKR CLSE	FAIL NORMAL							2112		S/W 21 D 2 05
01BBE04 XW88	11kV S/EAST BD A CUB04 BKR OPEN	FAIL NORMAL							2113		S/W 22 D 2 06
01BBE04 XW89	11kV S/EAST BD A CUB04 BKR CLSE	FAIL NORMAL							2114		S/W 23 D 2 07
01BBE05 XW88	11kV S/EAST BD A CUB05 BKR OPEN	FAIL NORMAL							2115		S/W 24 D 2 08
01BBE05 XW89	11kV S/EAST BD A CUB05 BKR CLSE	FAIL NORMAL							2116		S/W 25 D 2 09
01BBE06 XW88	11kV S/EAST BD A CUB06 BKR OPEN	FAIL NORMAL							2117		S/W 26 D 2 10
01BBE06 XW89	11kV S/EAST BD A CUB06 BKR CLSE	FAIL NORMAL							2118		S/W 27 D 2 11
01BBE07 XW88	11kV S/EAST BD A CUB07 BKR OPEN	FAIL NORMAL							2119		S/W 28 D 2 12
01BBE07 XW89	11kV S/EAST BD A CUB07 BKR CLSE	FAIL NORMAL							2120		S/W 29 D 2 13
01BBE08 XW88	11kV S/EAST BD A CUB08 BKR OPEN	FAIL NORMAL							2121		S/W 30 D 2 14
01BBE08 XW89	11kV S/EAST BD A CUB08 BKR CLSE	FAIL NORMAL							2122		S/W 31 D 2 15
02BBE01 XW88	11kV S/EAST BD B CUB01 BKR OPEN	FAIL NORMAL							2123		S/W 32 D 3 00
02BBE01 XW89	11kV S/EAST BD B CUB01 BKR CLSE	FAIL NORMAL							2124		S/W 33 D 3 01
02BBE02 XW88	11kV S/EAST BD B CUB02 BKR OPEN	FAIL NORMAL							2125		S/W 34 D 3 02

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02BBE02 XW89	11kV S/EAST BD B CUB02 BKR CLSE	FAIL NORMAL							2126		S/W 35 D 3 03
02BBE03 XW88	11kV S/EAST BD B CUB03 BKR OPEN	FAIL NORMAL							2127		S/W 36 D 3 04
02BBE03 XW89	11kV S/EAST BD B CUB03 BKR CLSE	FAIL NORMAL							2128		S/W 37 D 3 05
02BBE04 XW88	11kV S/EAST BD B CUB04 BKR OPEN	FAIL NORMAL							2129		S/W 38 D 3 06
02BBE04 XW89	11kV S/EAST BD B CUB04 BKR CLSE	FAIL NORMAL							2130		S/W 39 D 3 07
02BBE05 XW88	11kV S/EAST BD B CUB05 BKR OPEN	FAIL NORMAL							2131		S/W 40 D 3 08
02BBE05 XW89	11kV S/EAST BD B CUB05 BKR CLSE	FAIL NORMAL							2132		S/W 41 D 3 09
03BDA01 XW88	3 3kV STN SERV BD 2A BKR 01 OPEN	FAIL NORMAL							2133		S/W 42 D 3 10
03BDA01 XW89	3 3kV STN SERV BD 2A BKR 01 CLSE	FAIL NORMAL							2134		S/W 43 D 3 11
03BDA02 XW88	3 3kV STN SERV BD 2A BKR 02 OPEN	FAIL NORMAL							2135		S/W 44 D 3 12
03BDA02 XW89	3 3kV STN SERV BD 2A BKR 02 CLSE	FAIL NORMAL							2136		S/W 45 D 3 13
04BDA01 XW88	3 3kV STN SERV BD 2B BKR 01 OPEN	FAIL NORMAL							2137		S/W 30 D 3 14
04BDA01 XW89	3 3kV STN SERV BD 2B BKR 01 CLSE	FAIL NORMAL							2138		S/W 31 D 3 15
01BBE01 XW51	11kV S/EAST BD A CUB01 DC	FAIL NORMAL	01BBE01 AA001 X03 020/019	00BYB13 XH 001 AB	Be/1P R/1P	01BBE8003	UVG4ACV		2315		H/W 224
01BBE01 XW52	11kV S/EAST BD A CUB01 T/CCT	FAULT NORMAL	01BBE01 AA001 X03 021/022	00BYB13 XH 001 CD	Gy/1P Y/1P	01BBE8003	UVG4ACV		2316		H/W 225
01BBE00 XW54	11kV S/EAST BD A U/V	ALARM NORMAL	01BBE01 AA001 X03 023/024	00BYB13 XH 001 EF	Gn/1P Bn/1P	01BBE8003	UVG4ACV	I 20 0	2317		H/W 226
02BBE00 XW54	11kV S/EAST BD B U/V	ALARM NORMAL	01BBE01 AA001 X03 025/026	00BYB13 XH 001 GH	W/1P Bk/1P	01BBE8003	UVG4ACV	I 20 1	2318		H/W 227
01BBE00 EH001 XW51	11kV S/EAST BD 1 220V DC SUPPLY	FAIL NORMAL	01BBE01 AA001 X03 029/030	00BYB13 XH 002 AB	Be/1P R/1P	01BBE8019	UVG4ACV		2319		H/W 228
01BBE02 XW51	11kV S/EAST BD A CUB02 DC	FAIL NORMAL	01BBE02 AA001 X03 028/027	00BYB13 XH 003 AB	Be/1P R/1P	01BBE8006	UVG4ACV		2320		H/W 229
01BBE02 XW52	11kV S/EAST BD A CUB02 T/CCT	FAULT NORMAL	01BBE02 AA001 X03 031/032	00BYB13 XH 003 CD	Gy/1P Y/1P	01BBE8006	UVG4ACV		2321		H/W 230
01BBE02 XW53	11kV S/EAST BD A CUB02 PROT	TRIP NORMAL	01BBE02 AA001 X03 029/030	00BYB13 XH 003 EF	Gn/1P Bn/1P	01BBE8006	UVG4ACV		2322		H/W 231
01BBE03 XW51	11kV S/EAST BD A CUB03 DC	FAIL NORMAL	01BBE03 AA001 X03 043/044	00BYB13 XH 004 AB	Be/1P R/1P	01BBE8008	UVG8ACV		2323		H/W 232
01BBE03 XW52	11kV S/EAST BD A CUB03 T/CCT	FAULT NORMAL	01BBE03 AA001 X03 045/046	00BYB13 XH 004 CD	Gy/1P Y/1P	01BBE8008	UVG8ACV		2324		H/W 233
01BBE03 XW53	11kV S/EAST BD A CUB03 PROT	TRIP NORMAL	01BBE03 AA001 X03 047/048	00BYB13 XH 004 EF	Gn/1P Bn/1P	01BBE8008	UVG8ACV		2325		H/W 234

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
00BFU31	XW55	11kV S/EAST BD A CUB03 BUCH	ALARM NORMAL	01BBE03 AA001 X03 055/056	00BYB13 XH 004 GH	W/1P Bk/1P	01BBE8008	UVG8ACV		2326		H/W 235
00BFU31	XW57	11kV S/EAST BD A CUB03 OIL/T	ALARM NORMAL	01BBE03 AA001 X03 057/058	00BYB13 XH 005 AB	Be/2P R/2P	01BBE8008	UVG8ACV		2327		H/W 236
01BBE04	XW51	11kV S/EAST BD A CUB04 DC	FAIL NORMAL	01BBE04 AA001 X03 027/028	00BYB13 XH 006 AB	Be/1P R/1P	01BBE8010	UVG4ACV		2328		H/W 237
01BBE04	XW52	11kV S/EAST BD A CUB04 T/CCT	FAULT NORMAL	01BBE04 AA001 X03 031/032	00BYB13 XH 006 CD	Gy/1P Y/1P	01BBE8010	UVG4ACV		2329		H/W 238
01BBE04	XW53	11kV S/EAST BD A CUB04 PROT	TRIP NORMAL	01BBE04 AA001 X03 029/030	00BYB13 XH 006 EF	Gn/1P Bn/1P	01BBE8010	UVG4ACV		2330		H/W 239
01BBE05	XW51	11kV S/EAST BD A CUB05 DC	FAIL NORMAL	01BBE05 AA001 X03 043/044	00BYB13 XH 007 AB	Be/1P R/1P	01BBE8012	UVG8ACV		2331		H/W 240
01BBE05	XW52	11kV S/EAST BD A CUB05 T/CCT	FAULT NORMAL	01BBE05 AA001 X03 045/046	00BYB13 XH 007 CD	Gy/1P Y/1P	01BBE8012	UVG8ACV		2332		H/W 241
01BBE05	XW53	11kV S/EAST BD A CUB05 PROT	TRIP NORMAL	01BBE05 AA001 X03 047/048	00BYB13 XH 007 EF	Gn/1P Bn/1P	01BBE8012	UVG8ACV		2333		H/W 242
00BDT13	XW55	11kV S/EAST BD A CUB05 BUCH	ALARM NORMAL	01BBE05 AA001 X03 055/056	00BYB13 XH 007 GH	W/1P Bk/1P	01BBE8012	UVG8ACV		2334		H/W 243
00BDT13	XW57	11kV S/EAST BD A CUB05 OIL/T	ALARM NORMAL	01BBE05 AA001 X03 057/058	00BYB13 XH 008 AB	Be/2P R/2P	01BBE8012	UVG8ACV		2335		H/W 244
00BDT13	XW56	11kV S/EAST BD A CUB05 WDG/T	ALARM NORMAL	01BBE05 AA001 X03 059/060	00BYB13 XH 008 CD	Gy/2P Y/2P	01BBE8012	UVG8ACV		2336		H/W 245
01BBE06	XW51	11kV S/EAST BD A CUB06 DC	FAIL NORMAL	01BBE06 AA001 X03 043/044	00BYB13 XH 009 AB	Be/1P R/1P	01BBE8014	UVG4ACV		2337		H/W 246
01BBE06	XW52	11kV S/EAST BD A CUB06 T/CCT	FAULT NORMAL	01BBE06 AA001 X03 045/046	00BYB13 XH 009 CD	Gy/1P Y/1P	01BBE8014	UVG4ACV		2338		H/W 247
01BBE06	XW53	11kV S/EAST BD A CUB06 PROT	TRIP NORMAL	01BBE06 AA001 X03 047/048	00BYB13 XH 009 EF	Gn/1P Bn/1P	01BBE8014	UVG4ACV		2339		H/W 248
01BBE07	XW51	11kV S/EAST BD A CUB07 DC	FAIL NORMAL	01BBE07 AA001 X03 043/044	00BYB13 XH 010 AB	Be/1P R/1P	01BBE8016	UVG4ACV		2340		H/W 249
01BBE07	XW52	11kV S/EAST BD A CUB07 T/CCT	FAULT NORMAL	01BBE07 AA001 X03 045/046	00BYB13 XH 010 CD	Gy/1P Y/1P	01BBE8016	UVG4ACV		2341		H/W 250
01BBE07	XW53	11kV S/EAST BD A CUB07 PROT	TRIP NORMAL	01BBE07 AA001 X03 047/048	00BYB13 XH 010 EF	Gn/1P Bn/1P	01BBE8016	UVG4ACV		2342		H/W 251
01BBE08	XW51	11kV S/EAST BD A CUB08 DC	FAIL NORMAL	01BBE08 AA001 X03 043/044	00BYB13 XH 011 AB	Be/1P R/1P	01BBE8018	UVG4ACV		2343		H/W 252
01BBE08	XW52	11kV S/EAST BD A CUB08 T/CCT	FAULT NORMAL	01BBE08 AA001 X03 045/046	00BYB13 XH 011 CD	Gy/1P Y/1P	01BBE8018	UVG4ACV		2344		H/W 253
01BBE08	XW53	11kV S/EAST BD A CUB08 PROT	TRIP NORMAL	01BBE08 AA001 X03 047/048	00BYB13 XH 011 EF	Gn/1P Bn/1P	01BBE8018	UVG4ACV		2345		H/W 254
02BBE01	XW51	11kV S/EAST BD B CUB01 DC	FAIL NORMAL	02BBE01 AA001 X03 027/028	00BYB13 XH 012 AB	Be/1P R/1P	02BBE8003	UVG4ACV		2346		H/W 255
02BBE01	XW52	11kV S/EAST BD B CUB01 T/CCT	FAULT NORMAL	02BBE01 AA001 X03 031/032	00BYB13 XH 012 CD	Gy/1P Y/1P	02BBE8003	UVG4ACV		2347		H/W 256
02BBE01	XW53	11kV S/EAST BD B CUB01 PROT	TRIP NORMAL	02BBE01 AA001 X03 029/030	00BYB13 XH 012 EF	Gn/1P Bn/1P	02BBE8003	UVG4ACV		2348		H/W 257
02BBE02	XW51	11kV S/EAST BD B CUB02 DC	FAIL NORMAL	02BBE02 AA001 X03 027/028	00BYB13 XH 013 AB	Be/1P R/1P	02BBE8005	UVG4ACV		2349		H/W 258

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
02BBE02 XW52	11kV S/EAST BD B CUB02 T/CCT	FAULT NORMAL	02BBE02 AA001 X03 031/032	00BYB13 XH 013 CD	Gy/1P Y/1P	02BBE8005	UVG4ACV		2350		H/W 259
02BBE02 XW53	11kV S/EAST BD B CUB02 PROT	TRIP NORMAL	02BBE02 AA001 X03 029/030	00BYB13 XH 013 EF	Gn/1P Bn/1P	02BBE8005	UVG4ACV		2351		H/W 260
02BBE03 XW51	11kV S/EAST BD B CUB03 DC	FAIL NORMAL	02BBE03 AA001 X03 043/044	00BYB13 XH 014 AB	Be/1P R/1P	02BBE8007	UVG8ACV		2352		H/W 261
02BBE03 XW52	11kV S/EAST BD B CUB03 T/CCT	FAULT NORMAL	02BBE03 AA001 X03 045/046	00BYB13 XH 014 CD	Gy/1P Y/1P	02BBE8007	UVG8ACV		2353		H/W 262
02BBE03 XW53	11kV S/EAST BD B CUB03 PROT	TRIP NORMAL	02BBE03 AA001 X03 047/048	00BYB13 XH 014 EF	Gn/1P Bn/1P	02BBE8007	UVG8ACV		2354		H/W 263
00BFU32 XW55	11kV S/EAST BD B CUB03 BUCH	ALARM NORMAL	02BBE03 AA001 X03 055/056	00BYB13 XH 014 GH	W/1P Bk/1P	02BBE8007	UVG8ACV		2355		H/W 264
00BFU32 XW57	11kV S/EAST BD B CUB03 OIL/T	ALARM NORMAL	02BBE03 AA001 X03 057/058	00BYB13 XH 015 AB	Be/2P R/2P	02BBE8007	UVG8ACV		2356		H/W 265
02BBE04 XW51	11kV S/EAST BD B CUB04 DC	FAIL NORMAL	02BBE04 AA001 X03 043/044	00BYB13 XH 016 AB	Be/1P R/1P	02BBE8009	UVG8ACV		2357		H/W 266
02BBE04 XW52	11kV S/EAST BD B CUB04 T/CCT	FAULT NORMAL	02BBE04 AA001 X03 045/046	00BYB13 XH 016 CD	Gy/1P Y/1P	02BBE8009	UVG8ACV		2358		H/W 267
02BBE04 XW53	11kV S/EAST BD B CUB04 PROT	TRIP NORMAL	02BBE04 AA001 X03 047/048	00BYB13 XH 016 EF	Gn/1P Bn/1P	02BBE8009	UVG8ACV		2359		H/W 268
00BDT14 XW55	11kV S/EAST BD B CUB04 BUCH	ALARM NORMAL	02BBE04 AA001 X03 055/056	00BYB13 XH 016 GH	W/1P Bk/1P	02BBE8009	UVG8ACV		2360		H/W 269
00BDT14 XW57	11kV S/EAST BD B CUB04 OIL/T	ALARM NORMAL	02BBE04 AA001 X03 057/058	00BYB13 XH 017 AB	Be/2P R/2P	02BBE8009	UVG8ACV		2361		H/W 270
00BDT14 XW56	11kV S/EAST BD B CUB04 WDG/T	ALARM NORMAL	02BBE04 AA001 X03 059/060	00BYB13 XH 017 CD	Gy/2P Y/2P	02BBE8009	UVG8ACV		2362		H/W 271
02BBE05 XW51	11kV S/EAST BD B CUB05 DC	FAIL NORMAL	02BBE05 AA001 X03 043/044	00BYB13 XH 018 AB	Be/1P R/1P	02BBE8011	UVG8ACV		2363		H/W 272
02BBE05 XW52	11kV S/EAST BD B CUB05 T/CCT	FAULT NORMAL	02BBE05 AA001 X03 045/046	00BYB13 XH 018 CD	Gy/1P Y/1P	02BBE8011	UVG8ACV		2364		H/W 273
02BBE05 XW53	11kV S/EAST BD B CUB05 PROT	TRIP NORMAL	02BBE05 AA001 X03 047/048	00BYB13 XH 018 EF	Gn/1P Bn/1P	02BBE8011	UVG8ACV		2365		H/W 274
03BDA01 XW51	3 3kV STN SERV BD 2A CUB01 DC	FAIL NORMAL	03BDA01 AA001 X03 002/001	00BYB13 XH 019 AB	Be/1P R/1P	03BDA8002	UVG4ACV		2366		H/W 275
03BDA01 XW52	3 3kV STN SERV BD 2A CUB01 T/CCT	FAULT NORMAL	03BDA01 AA001 X03 005/006	00BYB13 XH 019 CD	Gy/1P Y/1P	03BDA8002	UVG4ACV		2367		H/W 276
03BDA00 XW54	3 3kV STN SERV BD 2A U/V	ALARM NORMAL	03BDA01 AA001 X03 007/008	00BYB13 XH 019 EF	Gn/1P Bn/1P	03BDA8002	UVG4ACV	I 20 2	2368		H/W 277
04BDA00 XW54	3 3kV STN SERV BD 2B U/V	ALARM NORMAL	03BDA01 AA001 X03 009/010	00BYB13 XH 019 GH	W/1P Bk/1P	03BDA8002	UVG4ACV	I 20 3	2369		H/W 278
03BDA00 EH001 XW51	3 3kV STN SERV BD 2 220V DC SUPP	FAIL NORMAL	03BDA01 AA001 X03 013/014	00BYB13 XH 020 AB	Be/1P R/1P	03BDA8007	UVG4ACV		2370		H/W 279
03BDA02 XW51	3 3kV STN SERV BD 2A CUB02 DC	FAIL NORMAL	03BDA02 AA001 X03 026/025	00BYB13 XH 021 AB	Be/1P R/1P	03BDA8004	UVG4ACV		2371		H/W 280
03BDA02 XW52	3 3kV STN SERV BD 2A CUB02 T/CCT	FAULT NORMAL	03BDA02 AA001 X03 029/030	00BYB13 XH 021 CD	Gy/1P Y/1P	03BDA8004	UVG4ACV		2372		H/W 281
03BDA02 XW53	3 3kV STN SERV BD 2A CUB02 PROT	TRIP NORMAL	03BDA02 AA001 X03 027/028	00BYB13 XH 021 EF	Gn/1P Bn/1P	03BDA8004	UVG4ACV		2373		H/W 282

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
03BDA00	XW51	3 3kV STN SERV BD 2A MTR's DC	FAIL NORMAL	03BDA03 AA001 X03 029/030	00BYB13 XH 022 AB	Be/1P R/1P	03BDA8006	UVG4ACV		2374		H/W 283
03BDA00	XW52	3 3kV STN SERV BD 2A MTR's T/CCT	FAULT NORMAL	03BDA03 AA001 X03 031/032	00BYB13 XH 022 CD	Gy/1P Y/1P	03BDA8006	UVG4ACV		2375		H/W 284
03BDA00	XW53	3 3kV STN SERV BD 2A MTR's PROT	TRIP NORMAL	03BDA03 AA001 X03 035/036	00BYB13 XH 022 EF	Gn/1P Bn/1P	03BDA8006	UVG4ACV		2376		H/W 285
04BDA01	XW51	3 3kV STN SERV BD 2B CUB01 DC	FAIL NORMAL	04BDA01 AA001 X03 026/025	00BYB13 XH 023 AB	Be/1P R/1P	04BDA8002	UVG4ACV		2377		H/W 286
04BDA01	XW52	3 3kV STN SERV BD 2B CUB01 T/CCT	FAULT NORMAL	04BDA01 AA001 X03 029/030	00BYB13 XH 023 CD	Gy/1P Y/1P	04BDA8002	UVG4ACV		2378		H/W 287
04BDA01	XW53	3 3kV STN SERV BD 2B CUB01 PROT	TRIP NORMAL	04BDA01 AA001 X03 027/028	00BYB13 XH 023 EF	Gn/1P Bn/1P	04BDA8002	UVG4ACV		2379		H/W 288
04BDA00	XW51	3 3kV STN SERV BD 2B MTR's DC	FAIL NORMAL	04BDA02 AA001 X03 029/030	00BYB13 XH 024 AB	Be/1P R/1P	04BDA8003	UVG4ACV		2380		H/W 289
04BDA00	XW52	3 3kV STN SERV BD 2B MTR's T/CCT	FAULT NORMAL	04BDA02 AA001 X03 031/032	00BYB13 XH 024 CD	Gy/1P Y/1P	04BDA8003	UVG4ACV		2381		H/W 290
04BDA00	XW53	3 3kV STN SERV BD 2B MTR's PROT	TRIP NORMAL	04BDA02 AA001 X03 035/036	00BYB13 XH 024 EF	Gn/1P Bn/1P	04BDA8003	UVG4ACV		2382		H/W 291
00BBY10	XW53	11kV S/EAST BUS ZONE PROT	TRIP NORMAL	00BBY10 AA001 X00 021/023	00BYB13 XH 025 AB	Be/1P R/1P	00BBY8008	UVG8ACV		2383		H/W 292
00BBY10	XW51	11kV S/STATION EAST BUS ZONE DC	FAIL NORMAL	00BBY10 AA001 X00 025/029	00BYB13 XH 025 CD	Gy/1P Y/1P	00BBY8008	UVG8ACV		2384		H/W 293
00BBY10	XW59	11kV S/EAST BUS ZONE DISCREP	ALARM NORMAL	00BBY10 AA001 X03 031/033	00BYB13 XH 025 EF	Gn/1P Bn/1P	00BBY8008	UVG8ACV		2385		H/W 294
00BBY10	XW60	11kV S/EAST BUS ZONE PROT	OUT COMM IN COMM	00BBY10 AA001 X00 035/037	00BYB13 XH 025 GH	W/1P Bk/1P	00BBY8008	UVG8ACV		2386		H/W 295
01BFS00	XW51	380V S/EAST BD 1 DC	FAIL NORMAL	01BFS01 AA001 X05 137/138	00BYB13 XH 026 AB	Be/1P R/1P	01BFS8001	UVG4ACV		2387		H/W 296
01BFS00	XW54	380V S/EAST BD 1A U/V	ALARM NORMAL	01BFS02 AA001 X05 170/171	00BYB13 XH 027 CD	Gy/1P Y/1P	01BFS8002	UVG4ACV	I 20 4	2388		H/W 297
02BFS00	XW54	380V S/EAST BD 1B U/V	ALARM NORMAL	02BFS01 AA001 X05 170/171	00BYB13 XH 028 CD	Gy/1P Y/1P	02BFS8001	UVG4ACV	I 20 5	2389		H/W 298
00BTX61	XW20	S/EAST 24V POWER PACK SUPPLY	FAIL NORMAL	00BTX61 AA001 X02 014/015	00BYB13 XH 029 AB	Be/1P R/1P	00BTX8029	UVG4ACV		2390		H/W 299
01BTX95	XW61	11kV SUB STATION EAST B T U	FAULTY NORMAL	00BTX98 AA001 X05 173/175	00BYB13 XH 030 AB	Be/1P R/1P	01BTX8028	UVG4ACV		2391		H/W 300
01BTX88	XW61	3 3kV STN SERVICES BD 2 B T U	FAULTY NORMAL	00BTX99 AA001 X00 012/013	00BYB13 XH 031 AB	Be/1P R/1P	01BTX8027	UVG4ACV		2392		H/W 301
01BBE01	YB92	11kV S/S EAST BD A CUB01 BKR	CLOSE	01BBE01 AA001 X02 023/024	00BYD13 XB 001 AB	Be/1P R/1P	01BBE8002	UVG8ACV	Q 4 0			———
01BBE01	YB91	11kV S/S EAST BD A CUB01 BKR	OPEN	01BBE01 AA001 X02 025/026	00BYD13 XB 001 CD	Gy/1P Y/1P	01BBE8002	UVG8ACV	Q 4 1			———
01BBE01	XB01	11kV S/EAST BD A CUB01 BKR	OPENED CLOSED	01BBE01 AA001 X02 045/046	00BYD13 XB 001 EF	Gn/1P Bn/1P	01BBE8002	UVG8ACV	I 4 0	2219		H/W 128
01BBE01	XB51	11kV S/EAST BD A CUB01	LOC/OFF REMOTE	01BBE01 AA001 X02 056/057	00BYD13 XB 001 GH	W/1P Bk/1P	01BBE8002	UVG8ACV	I 4 1	2220		H/W 129
01BBE02 EW001 XB01		11kV S/EAST BD 1B BUSBAR E/S	ON OFF	01BBE01 AA001 X03 005/006	00BYD13 XB 002 AB	Be/2P R/2P	01BBE8002	UVG8ACV	I 8 0	2221		H/W 130

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
01BBE01 EW002 XB01	11kV S/EAST BD 1A BUSBAR ISOL	CLOSED OPENED	01BBE01 AA001 X03 017/052	00BYD13 XB 002 CD	Gy/2P Y/2P	01BBE8002	UVG8ACV	I 8 1	2222		H/W 131
01BBE01 EW001 XB01	11kV S/EAST BD 1A BUSBAR E/S	ON OFF	01BBE01 AA001 X03 009/010	00BYD13 XB 002 EF	Gn/2P Bn/2P	01BBE8002	UVG8ACV	I 8 2	2223		H/W 132
01BBE02 EW002 XB01	11kV S/EAST BD 1B BUSBAR ISOL	CLOSED OPENED	01BBE01 AA001 X03 018/049	00BYD13 XB 002 GH	W/2P Bk/2P	01BBE8002	UVG8ACV	I 8 3	2224		H/W 133
01BBE02 YB92	11kV S/S EAST BD A CUB02 BKR	CLOSE	01BBE02 AA001 X02 033/034	00BYD13 XB 003 AB	Be/1P R/1P	01BBE8005	UVG8ACV	Q 4 2			———
01BBE02 YB91	11kV S/S EAST BD A CUB02 BKR	OPEN	01BBE02 AA001 X02 035/036	00BYD13 XB 003 CD	Gy/1P Y/1P	01BBE8005	UVG8ACV	Q 4 3			———
01BBE02 XB01	11kV S/EAST BD A CUB02 BKR	OPENED CLOSED	01BBE02 AA001 X02 055/056	00BYD13 XB 003 EF	Gn/1P Bn/1P	01BBE8005	UVG8ACV	I 4 2	2225		H/W 134
01BBE02 XB51	11kV S/EAST BD A CUB02	LOC/OFF REMOTE	01BBE02 AA001 X03 006/007	00BYD13 XB 003 GH	W/1P Bk/1P	01BBE8005	UVG8ACV	I 4 3	2226		H/W 135
01BBE02 EW002 XB01	11kV S/EAST BD1A CUB02 CBL E/S	ON OFF	01BBE02 AA001 X03 017/018	00BYD13 XB 004 AB	Be/2P R/2P	01BBE8005	UVG8ACV	I 8 4	2227		H/W 136
01BBE02 EW003 XB01	11kV S/EAST BD 1A CUB02 ISOL	CLOSED OPENED	01BBE02 AA001 X03 051/052	00BYD13 XB 004 CD	Gy/2P Y/2P	01BBE8005	UVG8ACV	I 8 5	2228		H/W 137
01BBE03 YB92	11kV S/S EAST BD A CUB03 BKR	CLOSE	01BBE03 AA001 X02 042/043	00BYD13 XB 005 AB	Be/1P R/1P	01BBE8007	UVG4ACV	Q 4 4			———
01BBE03 YB91	11kV S/S EAST BD A CUB03 BKR	OPEN	01BBE03 AA001 X02 044/045	00BYD13 XB 005 CD	Gy/1P Y/1P	01BBE8007	UVG4ACV	Q 4 5			———
01BBE03 XB01	11kV S/EAST BD A CUB03 BKR	OPENED CLOSED	01BBE03 AA001 X03 003/004	00BYD13 XB 005 EF	Gn/1P Bn/1P	01BBE8007	UVG4ACV	I 4 4	2229		H/W 138
01BBE03 XB51	11kV S/EAST BD A CUB03	LOC/OFF REMOTE	01BBE03 AA001 X03 014/015	00BYD13 XB 005 GH	W/1P Bk/1P	01BBE8007	UVG4ACV	I 4 5	2230		H/W 139
01BBE04 YB92	11kV S/S EAST BD A CUB04 BKR	CLOSE	01BBE04 AA001 X02 033/034	00BYD13 XB 006 AB	Be/1P R/1P	01BBE8009	UVG4ACV	Q 4 6			———
01BBE04 YB91	11kV S/S EAST BD A CUB04 BKR	OPEN	01BBE04 AA001 X02 035/036	00BYD13 XB 006 CD	Gy/1P Y/1P	01BBE8009	UVG4ACV	Q 4 7			———
01BBE04 XB01	11kV S/EAST BD A CUB04 BKR	OPENED CLOSED	01BBE04 AA001 X02 053/054	00BYD13 XB 006 EF	Gn/1P Bn/1P	01BBE8009	UVG4ACV	I 4 6	2231		H/W 140
01BBE04 XB51	11kV S/EAST BD A CUB04	LOC/OFF REMOTE	01BBE04 AA001 X03 006/007	00BYD13 XB 006 GH	W/1P Bk/1P	01BBE8009	UVG4ACV	I 4 7	2232		H/W 141
01BBE05 YB92	11kV S/S EAST BD A CUB05 BKR	CLOSE	01BBE05 AA001 X02 042/043	00BYD13 XB 007 AB	Be/1P R/1P	01BBE8011	UVG4ACV	Q 5 0			———
01BBE05 YB91	11kV S/S EAST BD A CUB05 BKR	OPEN	01BBE05 AA001 X02 044/045	00BYD13 XB 007 CD	Gy/1P Y/1P	01BBE8011	UVG4ACV	Q 5 1			———
01BBE05 XB01	11kV S/EAST BD A CUB05 BKR	OPENED CLOSED	01BBE05 AA001 X03 003/004	00BYD13 XB 007 EF	Gn/1P Bn/1P	01BBE8011	UVG4ACV	I 5 0	2233		H/W 142
01BBE05 XB51	11kV S/EAST BD A CUB05	LOC/OFF REMOTE	01BBE05 AA001 X03 014/015	00BYD13 XB 007 GH	W/1P Bk/1P	01BBE8011	UVG4ACV	I 5 1	2234		H/W 143
01BBE06 YB92	11kV S/S EAST BD A CUB06 BKR	CLOSE	01BBE06 AA001 X02 042/043	00BYD13 XB 008 AB	Be/1P R/1P	01BBE8013	UVG4ACV	Q 5 2			———
01BBE06 YB91	11kV S/S EAST BD A CUB06 BKR	OPEN	01BBE06 AA001 X02 044/045	00BYD13 XB 008 CD	Gy/1P Y/1P	01BBE8013	UVG4ACV	Q 5 3			———
01BBE06 XB01	11kV S/EAST BD A CUB06 BKR	OPENED CLOSED	01BBE06 AA001 X03 003/004	00BYD13 XB 008 EF	Gn/1P Bn/1P	01BBE8013	UVG4ACV	I 5 2	2235		H/W 144

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
01BBE06 XB51	11kV S/EAST BD A CUB06	LOC/OFF REMOTE	01BBE06 AA001 X03 014/015	00BYD13 XB 008 GH	W/1P Bk/1P	01BBE8013	UVG4ACV	I 5 3	2236		H/W 145
01BBE07 YB92	11kV S/S EAST BD A CUB07 BKR	CLOSE	01BBE07 AA001 X02 042/043	00BYD13 XB 009 AB	Be/1P R/1P	01BBE8015	UVG4ACV	Q 5 4			———
01BBE07 YB91	11kV S/S EAST BD A CUB07 BKR	OPEN	01BBE07 AA001 X02 044/045	00BYD13 XB 009 CD	Gy/1P Y/1P	01BBE8015	UVG4ACV	Q 5 5			———
01BBE07 XB01	11kV S/EAST BD A CUB07 BKR	OPENED CLOSED	01BBE07 AA001 X03 003/004	00BYD13 XB 009 EF	Gn/1P Bn/1P	01BBE8015	UVG4ACV	I 5 4	2237		H/W 146
01BBE07 XB51	11kV S/EAST BD A CUB07	LOC/OFF REMOTE	01BBE07 AA001 X03 014/015	00BYD13 XB 009 GH	W/1P Bk/1P	01BBE8015	UVG4ACV	I 5 5	2238		H/W 147
01BBE08 YB92	11kV S/S EAST BD A CUB08 BKR	CLOSE	01BBE08 AA001 X02 042/043	00BYD13 XB 010 AB	Be/1P R/1P	01BBE8017	UVG4ACV	Q 5 6			———
01BBE08 YB91	11kV S/S EAST BD A CUB08 BKR	OPEN	01BBE08 AA001 X02 044/045	00BYD13 XB 010 CD	Gy/1P Y/1P	01BBE8017	UVG4ACV	Q 5 7			———
01BBE08 XB01	11kV S/EAST BD A CUB08 BKR	OPENED CLOSED	01BBE08 AA001 X03 003/004	00BYD13 XB 010 EF	Gn/1P Bn/1P	01BBE8017	UVG4ACV	I 5 6	2239		H/W 148
01BBE08 XB51	11kV S/EAST BD A CUB08	LOC/OFF REMOTE	01BBE08 AA001 X03 014/015	00BYD13 XB 010 GH	W/1P Bk/1P	01BBE8017	UVG4ACV	I 5 7	2240		H/W 149
02BBE01 YB92	11kV S/S EAST BD B CUB01 BKR	CLOSE	02BBE01 AA001 X02 033/034	00BYD13 XB 011 AB	Be/1P R/1P	02BBE8001	UVG8ACV	Q 6 0			———
02BBE01 YB91	11kV S/S EAST BD B CUB01 BKR	OPEN	02BBE01 AA001 X02 035/036	00BYD13 XB 011 CD	Gy/1P Y/1P	02BBE8001	UVG8ACV	Q 6 1			———
02BBE01 XB01	11kV S/EAST BD B CUB01 BKR	OPENED CLOSED	02BBE01 AA001 X02 055/056	00BYD13 XB 011 EF	Gn/1P Bn/1P	02BBE8001	UVG8ACV	I 6 0	2241		H/W 150
02BBE01 XB51	11kV S/EAST BD B CUB01	LOC/OFF REMOTE	02BBE01 AA001 X03 006/007	00BYD13 XB 011 GH	W/1P Bk/1P	02BBE8001	UVG8ACV	I 6 1	2242		H/W 151
02BBE01 EW002 XB01	11kV S/EAST BD 1B CUB01 CBL E/S	ON OFF	02BBE01 AA001 X03 017/018	00BYD13 XB 012 AB	Be/2P R/2P	02BBE8001	UVG8ACV	I 8 6	2243		H/W 152
02BBE01 EW003 XB01	11kV S/EAST BD 1B CUB01 ISOL	CLOSED OPENED	02BBE01 AA001 X03 051/052	00BYD13 XB 012 CD	Gy/2P Y/2P	02BBE8001	UVG8ACV	I 8 7	2244		H/W 153
02BBE02 YB92	11kV S/S EAST BD B CUB02 BKR	CLOSE	02BBE02 AA001 X02 033/034	00BYD13 XB 013 AB	Be/1P R/1P	02BBE8004	UVG4ACV	Q 6 2			———
02BBE02 YB91	11kV S/S EAST BD B CUB02 BKR	OPEN	02BBE02 AA001 X02 035/036	00BYD13 XB 013 CD	Gy/1P Y/1P	02BBE8004	UVG4ACV	Q 6 3			———
02BBE02 XB01	11kV S/EAST BD B CUB02 BKR	OPENED CLOSED	02BBE02 AA001 X02 055/056	00BYD13 XB 013 EF	Gn/1P Bn/1P	02BBE8004	UVG4ACV	I 6 2	2245		H/W 154
02BBE02 XB51	11kV S/EAST BD B CUB02	LOC/OFF REMOTE	02BBE02 AA001 X03 006/007	00BYD13 XB 013 GH	W/1P Bk/1P	02BBE8004	UVG4ACV	I 6 3	2246		H/W 155
02BBE03 YB92	11kV S/S EAST BD B CUB03 BKR	CLOSE	02BBE03 AA001 X02 042/043	00BYD13 XB 014 AB	Be/1P R/1P	02BBE8006	UVG4ACV	Q 6 4			———
02BBE03 YB91	11kV S/S EAST BD B CUB03 BKR	OPEN	02BBE03 AA001 X02 044/045	00BYD13 XB 014 CD	Gy/1P Y/1P	02BBE8006	UVG4ACV	Q 6 5			———
02BBE03 XB01	11kV S/EAST BD B CUB03 BKR	OPENED CLOSED	02BBE03 AA001 X03 003/004	00BYD13 XB 014 EF	Gn/1P Bn/1P	02BBE8006	UVG4ACV	I 6 4	2247		H/W 156
02BBE03 XB51	11kV S/EAST BD B CUB03	LOC/OFF REMOTE	02BBE03 AA001 X03 014/015	00BYD13 XB 014 GH	W/1P Bk/1P	02BBE8006	UVG4ACV	I 6 5	2248		H/W 157
02BBE04 YB92	11kV S/S EAST BD B CUB04 BKR	CLOSE	02BBE04 AA001 X02 042/043	00BYD13 XB 015 AB	Be/1P R/1P	02BBE8008	UVG4ACV	Q 6 6			———

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
02BBE04 YB91	11kV S/S EAST BD B CUB04 BKR	OPEN	02BBE04 AA001 X02 044/045	00BYD13 XB 015 CD	Gy/1P Y/1P	02BBE8008	UVG4ACV	Q 6 7			———
02BBE04 XB01	11kV S/EAST BD B CUB04 BKR	OPENED CLOSED	02BBE04 AA001 X03 003/004	00BYD13 XB 015 EF	Gn/1P Bn/1P	02BBE8008	UVG4ACV	I 6 6	2249		H/W 158
02BBE04 XB51	11kV S/EAST BD B CUB04	LOC/OFF REMOTE	02BBE04 AA001 X03 014/015	00BYD13 XB 015 GH	W/1P Bk/1P	02BBE8008	UVG4ACV	I 6 7	2250		H/W 159
02BBE05 YB92	11kV S/S EAST BD B CUB05 BKR	CLOSE	02BBE05 AA001 X02 042/043	00BYD13 XB 016 AB	Be/1P R/1P	02BBE8010	UVG4ACV	Q 7 0			———
02BBE05 YB91	11kV S/S EAST BD B CUB05 BKR	OPEN	02BBE05 AA001 X02 044/045	00BYD13 XB 016 CD	Gy/1P Y/1P	02BBE8010	UVG4ACV	Q 7 1			———
02BBE05 XB01	11kV S/EAST BD B CUB05 BKR	OPENED CLOSED	02BBE05 AA001 X03 003/004	00BYD13 XB 016 EF	Gn/1P Bn/1P	02BBE8010	UVG4ACV	I 7 0	2251		H/W 160
02BBE05 XB51	11kV S/EAST BD B CUB05	LOC/OFF REMOTE	02BBE05 AA001 X03 014/015	00BYD13 XB 016 GH	W/1P Bk/1P	02BBE8010	UVG4ACV	I 7 1	2252		H/W 161
03BDA01 YB92	3 3kV STN SERV BD 2A CUB01 BKR	CLOSE	03BDA01 AA001 X02 007/008	00BYD13 XB 017 AB	Be/1P R/1P	03BDA8001	UVG8ACV	Q 7 2			———
03BDA01 YB91	3 3kV STN SERV BD 2A CUB01 BKR	OPEN	03BDA01 AA001 X02 009/010	00BYD13 XB 017 CD	Gy/1P Y/1P	03BDA8001	UVG8ACV	Q 7 3			———
03BDA01 XB01	3 3kV STN SERV BD 2A CUB01 BKR	OPENED CLOSED	03BDA01 AA001 X02 027/028	00BYD13 XB 017 EF	Gn/1P Bn/1P	03BDA8001	UVG8ACV	I 7 2	2253		H/W 162
03BDA01 XB51	3 3kV STN SERV BD 2A CUB01	LOC/OFF REMOTE	03BDA01 AA001 X02 038/039	00BYD13 XB 017 GH	W/1P Bk/1P	03BDA8001	UVG8ACV	I 7 3	2254		H/W 163
04BDA01 EW001 XB01	3 3kV STN/S BD 2B BUSBAR E/S	ON OFF	03BDA01 AA001 X02 049/050	00BYD13 XB 018 AB	Be/2P R/2P	03BDA8001	UVG8ACV	I 9 0	2255		H/W 164
03BDA02 EW002 XB01	3 3kV STN/S BD 2 A B/B ISOL	CLOSED OPENED	03BDA01 AA001 X03 001/33	00BYD13 XB 018 CD	Gy/2P Y/2P	03BDA8001	UVG8ACV	I 9 1	2256		H/W 165
03BDA02 EW001 XB01	3 3kV STN/S BD 2A BUSBAR E/S	ON OFF	03BDA01 AA001 X02 053/054	00BYD13 XB 018 EF	Gn/2P Bn/2P	03BDA8001	UVG8ACV	I 9 3	2258		H/W 167
04BDA01 EW002 XB01	3 3kV STN/S BD 2 B B/B ISOL	CLOSED OPENED	03BDA01 AA001 X03 002/34	00BYD13 XB 018 GH	W/2P Bk/2P	03BDA8001	UVG8ACV	I 9 2	2257		H/W 166
03BDA02 YB92	3 3kV STN SERV BD 2A CUB02 BKR	CLOSE	03BDA02 AA001 X02 029/030	00BYD13 XB 019 AB	Be/1P R/1P	03BDA8003	UVG8ACV	Q 7 4			———
03BDA02 YB91	3 3kV STN SERV BD 2A CUB02 BKR	OPEN	03BDA02 AA001 X02 031/032	00BYD13 XB 019 CD	Gy/1P Y/1P	03BDA8003	UVG8ACV	Q 7 5			———
03BDA02 XB01	3 3kV STN SERV BD 2A CUB02 BKR	OPENED CLOSED	03BDA02 AA001 X02 049/050	00BYD13 XB 019 EF	Gn/1P Bn/1P	03BDA8003	UVG8ACV	I 7 4	2259		H/W 168
03BDA02 XB51	3 3kV STN SERV BD 2A CUB02	LOC/OFF REMOTE	03BDA02 AA001 X03 002/003	00BYD13 XB 019 GH	W/1P Bk/1P	03BDA8003	UVG8ACV	I 7 5	2260		H/W 169
03BDA02 EW002 XB01	3 3kV STN/S BD 2A CUB 02 CBL E/S	ON OFF	03BDA02 AA001 X03 013/014	00BYD13 XB 020 AB	Be/2P R/2P	03BDA8003	UVG8ACV	I 9 4	2261		H/W 170
03BDA02 EW003 XB01	3 3kV STN/S BD 2A CUB 02 ISOLT	CLOSED OPENED	03BDA02 AA001 X03 050/051	00BYD13 XB 020 CD	Gy/2P Y/2P	03BDA8003	UVG8ACV	I 9 5	2262		H/W 171
04BDA01 YB92	3 3kV STN SERV BD 2A CUB01 BKR	CLOSE	04BDA01 AA001 X02 029/030	00BYD13 XB 021 AB	Be/1P R/1P	04BDA8001	UVG8ACV	Q 7 6			———
04BDA01 YB91	3 3kV STN SERV BD 2B CUB01 BKR	OPEN	04BDA01 AA001 X02 031/032	00BYD13 XB 021 CD	Gy/1P Y/1P	04BDA8001	UVG8ACV	Q 7 7			———
04BDA01 XB01	3 3kV STN SERV BD 2B CUB01 BKR	OPENED CLOSED	04BDA01 AA001 X02 049/050	00BYD13 XB 021 EF	Gn/1P Bn/1P	04BDA8001	UVG8ACV	I 7 6	2263		H/W 172

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
04BDA01 XB51	3 3kV STN SERV BD 2B CUB01	LOC/OFF REMOTE	04BDA01 AA001 X03 002/003	00BYD13 XB 021 GH	W/1P Bk/1P	04BDA8001	UVG8ACV	I 7 7	2264		H/W 173
04BDA01 EW002 XB01	3 3kV STN/S BD 2B CUB 01 CBL E/S	ON OFF	04BDA01 AA001 X03 013/014	00BYD13 XB 022 AB	Be/2P R/2P	04BDA8001	UVG8ACV	I 9 6	2265		H/W 174
04BDA01 EW003 XB01	3 3kV STN/S BD 2B CUB 01 ISOLT	CLOSED OPENED	04BDA01 AA001 X03 050/051	00BYD13 XB 022 CD	Gy/2P Y/2P	04BDA8001	UVG8ACV	I 9 7	2266		H/W 175
01BFS01 XB01	380V S/EAST BD 1A CUB01	OPENED CLOSED	01BFS01 AA001 X05 128/129	00BYD13 XB 025 EF	Gn/1P Bn/1P	01BFS8003	UVG4ACV	I 10 0	2267		H/W 176
01BFS02 XB01	380V S/EAST BD 1A CUB02	OPENED CLOSED	01BFS02 AA001 X05 128/129	00BYD13 XB 026 EF	Gn/1P Bn/1P	01BFS8004	UVG4ACV	I 10 1	2268		H/W 177
02BFS01 XB01	380V S/EAST BD 1B CUB01	OPENED CLOSED	02BFS01 AA001 X05 128/129	00BYD13 XB 027 EF	Gn/1P Bn/1P	02BFS8002	UVG4ACV	I 10 2	2269		H/W 178
01BBE00 XQ54	11kV S/S EAST BD A BB VOLTS	0-5mA 0-11kV	01BBE01 AA001 X02 013/014	00BYD13 XE 001 AB	Be/1P R/1P	01BBE8001	UVG4ACV	PW 128			PW 128
02BBE00 XQ54	11kV S/S EAST BD B BB VOLTS	0-5mA 0-11kV	01BBE01 AA001 X02 015/016	00BYD13 XE 001 CD	Gy/1P Y/1P	01BBE8001	UVG4ACV	PW 130			PW 130
01BBE02 XQ51	11kV S/S EAST BD A CUB02 AMPS	0-5mA 0-1000A	01BBE02 AA001 X02 061/062	00BYD13 XE 002 AB	Be/1P R/1P	01BBE8004	UVG4ACV	PW 132			PW 132
02BBE01 XQ52	11kV S/S EAST BD B CUB01 AMPS	0-5mA 0-1000A	02BBE01 AA001 X02 061/062	00BYD13 XE 003 AB	Be/1P R/1P	02BBE8002	UVG4ACV	PW 134			PW 134
03BDA00 XQ54	3 3kV STN SERV BD 2A VOLTS	0-5mA 0-3 3kV	03BDA01 AA001 X03 029/030	00BYD13 XE 004 AB	Be/1P R/1P	03BDA8005	UVG4ACV	PW 136			PW 136
04BDA00 XQ54	3 3kV STN SERV BD 2B VOLTS	0-5mA 0-3 3kV	03BDA01 AA001 X03 031/032	00BYD13 XE 004 CD	Gy/1P Y/1P	03BDA8005	UVG4ACV	PW 138			PW 138
03BDA02 XQ52	3 3kV STN SERV BD 2A CUB02 AMPS	0-5mA 0-600A	03BDA02 AA001 X02 007/008	00BYD13 XE 005 AB	Be/1P R/1P	03BDA8008	UVG4ACV	PW 140			PW 140
04BDA01 XQ52	3 3kV STN SERV BD 2B CUB01 AMPS	0-5mA 0-600A	04BDA01 AA001 X02 007/008	00BYD13 XE 006 AB	Be/1P R/1P	04BDA8003	UVG4ACV	PW 142			PW 142
____	S/EAST SPARE 2413	–	–	–	–	–	–	–	2413		H/W 322
____	S/EAST SPARE 2414	–	–	–	–	–	–	–	2414		H/W 323
____	S/EAST SPARE 2418	–	–	–	–	–	–	–	2418		H/W 327
____	S/EAST SPARE 2417	–	–	–	–	–	–	–	2417		H/W 326
____	S/EAST SPARE 2412	–	–	–	–	–	–	–	2412		H/W 321
____	S/EAST SPARE 2419	–	–	–	–	–	–	–	2419		H/W 328
____	S/EAST SPARE 2416	–	–	–	–	–	–	–	2416		H/W 325
____	S/EAST SPARE 2415	–	–	–	–	–	–	–	2415		H/W 324
____	S/EAST SPARE 2411	–	–	–	–	–	–	–	2411		H/W 320

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
____	S/EAST SPARE 2200	_	–	–	–	–	–		2200		Vir 109
____	S/EAST SPARE 2201	_	–	–	–	–	–		2201		Vir 110
____	S/EAST SPARE 2202	_	–	–	–	–	–		2202		Vir 111
____	S/EAST SPARE 2203	_	–	–	–	–	–		2203		Vir 112
____	S/EAST SPARE 2204	_	–	–	–	–	–		2204		Vir 113
____	S/EAST SPARE 2205	_	–	–	–	–	–		2205		Vir 114
____	S/EAST SPARE 2206	_	–	–	–	–	–		2206		Vir 115
____	S/EAST SPARE 2207	_	–	–	–	–	–		2207		Vir 116
____	S/EAST SPARE 2208	_	–	–	–	–	–		2208		Vir 117
____	S/EAST SPARE 2209	_	–	–	–	–	–		2209		Vir 118
____	S/EAST SPARE 2210	_	–	–	–	–	–		2210		Vir 119
____	S/EAST SPARE 2211	_	–	–	–	–	–		2211		Vir 120
____	S/EAST SPARE 2212	_	–	–	–	–	–		2212		Vir 121
____	S/EAST SPARE 2213	_	–	–	–	–	–		2213		Vir 122
____	S/EAST SPARE 2214	_	–	–	–	–	–		2214		Vir 123
____	S/EAST SPARE 2215	_	–	–	–	–	–		2215		Vir 124
____	S/EAST SPARE 2216	_	–	–	–	–	–		2216		Vir 125
____	S/EAST SPARE 2217	_	–	–	–	–	–		2217		Vir 126
____	S/EAST SPARE 2218	_	–	–	–	–	–		2218		Vir 127
____	S/EAST SPARE 2270	_	–	–	–	–	–	–	2270		H/W 179
____	S/EAST SPARE 2271	_	–	–	–	–	–	–	2271		H/W 180
____	S/EAST SPARE 2272	_	–	–	–	–	–	–	2272		H/W 181
____	S/EAST SPARE 2273	_	–	–	–	–	–	–	2273		H/W 182
____	S/EAST SPARE 2274	_	–	–	–	–	–	–	2274		H/W 183

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
____	S/EAST SPARE 2275	_	_	_	_	_	_	_	2275		H/W 184
____	S/EAST SPARE 2276	_	_	_	_	_	_	_	2276		H/W 185
____	S/EAST SPARE 2277	_	_	_	_	_	_	_	2277		H/W 186
____	S/EAST SPARE 2278	_	_	_	_	_	_	_	2278		H/W 187
____	S/EAST SPARE 2279	_	_	_	_	_	_	_	2279		H/W 188
____	S/EAST SPARE 2280	_	_	_	_	_	_	_	2280		H/W 189
____	S/EAST SPARE 2281	_	_	_	_	_	_	_	2281		H/W 190
____	S/EAST SPARE 2282	_	_	_	_	_	_	_	2282		H/W 191
____	S/EAST SPARE 2283	_	_	_	_	_	_	_	2283		H/W 192
____	S/EAST SPARE 2284	_	_	_	_	_	_	_	2284		H/W 193
____	S/EAST SPARE 2285	_	_	_	_	_	_	_	2285		H/W 194
____	S/EAST SPARE 2286	_	_	_	_	_	_	_	2286		H/W 195
____	S/EAST SPARE 2287	_	_	_	_	_	_	_	2287		H/W 196
____	S/EAST SPARE 2288	_	_	_	_	_	_	_	2288		H/W 197
____	S/EAST SPARE 2289	_	_	_	_	_	_	_	2289		H/W 198
____	S/EAST SPARE 2290	_	_	_	_	_	_	_	2290		H/W 199
____	S/EAST SPARE 2291	_	_	_	_	_	_	_	2291		H/W 200
____	S/EAST SPARE 2292	_	_	_	_	_	_	_	2292		H/W 201
____	S/EAST SPARE 2293	_	_	_	_	_	_	_	2293		H/W 202
____	S/EAST SPARE 2294	_	_	_	_	_	_	_	2294		H/W 203
____	S/EAST SPARE 2295	_	_	_	_	_	_	_	2295		H/W 204
____	S/EAST SPARE 2296	_	_	_	_	_	_	_	2296		H/W 205
____	S/EAST SPARE 2297	_	_	_	_	_	_	_	2297		H/W 206
____	S/EAST SPARE 2298	_	_	_	_	_	_	_	2298		H/W 207

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
____	S/EAST SPARE 2299	_	_	_	_	_	_	_	2299		H/W 208
____	S/EAST SPARE 2300	_	_	_	_	_	_	_	2300		H/W 209
____	S/EAST SPARE 2301	_	_	_	_	_	_	_	2301		H/W 210
____	S/EAST SPARE 2302	_	_	_	_	_	_	_	2302		H/W 211
____	S/EAST SPARE 2303	_	_	_	_	_	_	_	2303		H/W 212
____	S/EAST SPARE 2304	_	_	_	_	_	_	_	2304		H/W 213
____	S/EAST SPARE 2305	_	_	_	_	_	_	_	2305		H/W 214
____	S/EAST SPARE 2306	_	_	_	_	_	_	_	2306		H/W 215
____	S/EAST SPARE 2307	_	_	_	_	_	_	_	2307		H/W 216
____	S/EAST SPARE 2308	_	_	_	_	_	_	_	2308		H/W 217
____	S/EAST SPARE 2309	_	_	_	_	_	_	_	2309		H/W 218
____	S/EAST SPARE 2310	_	_	_	_	_	_	_	2310		H/W 219
____	S/EAST SPARE 2311	_	_	_	_	_	_	_	2311		H/W 220
____	S/EAST SPARE 2312	_	_	_	_	_	_	_	2312		H/W 221
____	S/EAST SPARE 2313	_	_	_	_	_	_	_	2313		H/W 222
____	S/EAST SPARE 2314	_	_	_	_	_	_	_	2314		H/W 223
____	S/EAST SPARE 2393	_	_	_	_	_	_	_	2393		H/W 302
____	S/EAST SPARE 2394	_	_	_	_	_	_	_	2394		H/W 303
____	S/EAST SPARE 2395	_	_	_	_	_	_	_	2395		H/W 304
____	S/EAST SPARE 2396	_	_	_	_	_	_	_	2396		H/W 305
____	S/EAST SPARE 2397	_	_	_	_	_	_	_	2397		H/W 306
____	S/EAST SPARE 2398	_	_	_	_	_	_	_	2398		H/W 307
____	S/EAST SPARE 2399	_	_	_	_	_	_	_	2399		H/W 308
____	S/EAST SPARE 2400	_	_	_	_	_	_	_	2400		H/W 309

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
____	S/EAST SPARE 2401	_	_	_	_	_	_	_	2401		H/W 310
____	S/EAST SPARE 2402	_	_	_	_	_	_	_	2402		H/W 311
____	S/EAST SPARE 2403	_	_	_	_	_	_	_	2403		H/W 312
____	S/EAST SPARE 2404	_	_	_	_	_	_	_	2404		H/W 313
____	S/EAST SPARE 2405	_	_	_	_	_	_	_	2405		H/W 314
____	S/EAST SPARE 2406	_	_	_	_	_	_	_	2406		H/W 315
____	S/EAST SPARE 2407	_	_	_	_	_	_	_	2407		H/W 316
____	S/EAST SPARE 2408	_	_	_	_	_	_	_	2408		H/W 317
____	S/EAST SPARE 2409	_	_	_	_	_	_	_	2409		H/W 318
____	S/EAST SPARE 2410	_	_	_	_	_	_	_	2410		H/W 319
____	S/EAST SPARE 2104	_	_	_	_	_	_		2104		S/W 13 D 1 13
____	S/EAST SPARE 2105	_	_	_	_	_	_		2105		S/W 14 D 1 14
____	S/EAST SPARE 2106	_	_	_	_	_	_		2106		S/W 15 D 1 15
____	S/EAST SPARE 2139	_	_	_	_	_	_		2139		S/W 48 D 4 00
____	S/EAST SPARE 2140	_	_	_	_	_	_		2140		S/W 49 D 4 01
____	S/EAST SPARE 2141	_	_	_	_	_	_		2141		S/W 50 D 4 02
____	S/EAST SPARE 2142	_	_	_	_	_	_		2142		S/W 51 D 4 03
____	S/EAST SPARE 2143	_	_	_	_	_	_		2143		S/W 52 D 4 04
____	S/EAST SPARE 2144	_	_	_	_	_	_		2144		S/W 53 D 4 05
____	S/EAST SPARE 2145	_	_	_	_	_	_		2145		S/W 54 D 4 06
____	S/EAST SPARE 2146	_	_	_	_	_	_		2146		S/W 55 D 4 07
____	S/EAST SPARE 2147	_	_	_	_	_	_		2147		S/W 56 D 4 08
____	S/EAST SPARE 2148	_	_	_	_	_	_		2148		S/W 57 D 4 09
____	S/EAST SPARE 2149	_	_	_	_	_	_		2149		S/W 58 D 4 10

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
____	S/EAST SPARE 2150	_	_	_	_	_	_		2150		S/W 59 D 4 11
____	S/EAST SPARE 2151	_	_	_	_	_	_		2151		S/W 60 D 4 12
____	S/EAST SPARE 2152	_	_	_	_	_	_		2152		S/W 61 D 4 13
____	S/EAST SPARE 2153	_	_	_	_	_	_		2153		S/W 62 D 4 14
____	S/EAST SPARE 2154	_	_	_	_	_	_		2154		S/W 63 D 4 15
____	S/EAST SPARE 2155	_	_	_	_	_	_		2155		S/W 64 D 5 00
____	S/EAST SPARE 2156	_	_	_	_	_	_		2156		S/W 65 D 5 01
____	S/EAST SPARE 2157	_	_	_	_	_	_		2157		S/W 66 D 5 02
____	S/EAST SPARE 2158	_	_	_	_	_	_		2158		S/W 67 D 5 03
____	S/EAST SPARE 2159	_	_	_	_	_	_		2159		S/W 68 D 5 04
____	S/EAST SPARE 2160	_	_	_	_	_	_		2160		S/W 69 D 5 05
____	S/EAST SPARE 2161	_	_	_	_	_	_		2161		S/W 70 D 5 06
____	S/EAST SPARE 2162	_	_	_	_	_	_		2162		S/W 71 D 5 07
____	S/EAST SPARE 2163	_	_	_	_	_	_		2163		S/W 72 D 5 08
____	S/EAST SPARE 2164	_	_	_	_	_	_		2164		S/W 73 D 5 09
____	S/EAST SPARE 2165	_	_	_	_	_	_		2165		S/W 74 D 5 10
____	S/EAST SPARE 2166	_	_	_	_	_	_		2166		S/W 75 D 5 11
____	S/EAST SPARE 2167	_	_	_	_	_	_		2167		S/W 76 D 5 12
____	S/EAST SPARE 2168	_	_	_	_	_	_		2168		S/W 77 D 5 13
____	S/EAST SPARE 2169	_	_	_	_	_	_		2169		S/W 78 D 5 14
____	S/EAST SPARE 2170	_	_	_	_	_	_		2170		S/W 79 D 5 15
____	S/EAST SPARE 2171	_	_	_	_	_	_		2171		S/W 80 D 6 00
____	S/EAST SPARE 2172	_	_	_	_	_	_		2172		S/W 81 D 6 01
____	S/EAST SPARE 2173	_	_	_	_	_	_		2173		S/W 82 D 6 02

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH No IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
____	S/EAST SPARE 2174	_	_	_	_	_	_		2174		S/W 83 D 6 03
____	S/EAST SPARE 2175	_	_	_	_	_	_		2175		S/W 84 D 6 04
____	S/EAST SPARE 2176	_	_	_	_	_	_		2176		S/W 85 D 6 05
____	S/EAST SPARE 2177	_	_	_	_	_	_		2177		S/W 86 D 6 06
____	S/EAST SPARE 2178	_	_	_	_	_	_		2178		S/W 87 D 6 07
____	S/EAST SPARE 2179	_	_	_	_	_	_		2179		S/W 88 D 6 08
____	S/EAST SPARE 2180	_	_	_	_	_	_		2180		S/W 89 D 6 09
____	S/EAST SPARE 2181	_	_	_	_	_	_		2181		S/W 90 D 6 10
____	S/EAST SPARE 2182	_	_	_	_	_	_		2182		S/W 91 D 6 11
____	S/EAST SPARE 2183	_	_	_	_	_	_		2183		S/W 92 D 6 12
____	S/EAST SPARE 2184	_	_	_	_	_	_		2184		S/W 93 D 6 13
____	S/EAST SPARE 2185	_	_	_	_	_	_		2185		S/W 94 D 6 14
____	S/EAST SPARE 2186	_	_	_	_	_	_		2186		S/W 95 D 6 15