Document ID:	1MRS751777-MTI										
Revision:	D										
Description:	REF545 K 4.61			Note! This list covers the maximum set of cards and corresponds to the functionality level M (Multi), including all optional functions.							
SW build:	4.61										
SW revision:	K										
BIO1 version:	118001 / Rev F sw build 2.08										
BIO2 version:	118002 / Rev F sw build 2.08										
PS2 version:	118004 / Rev D sw build 2.07										
MIMIC version:	118005 / Rev E sw build 1.15										
MIP version:	118020 / MIP50E										
GAL CPU1D301 version:	118019 / Rev C										
GAL CPU1D102 version:	118025 / Rev C										
GAL CPU1D305 version:	118026 / Rev E										
DSP version:	RB_CPU1DSP_3.18.1										
RECAP pvcs label:	RB_INHOUSE_REF_4.37										
Language version:	WB_CODEFILE_ALL_4.60										

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* JMAA-38R000 / Rev D CH000 */												
			Default mask=									
	0	E48	EV_INT16	65536	1	24	0	-	Error	Analog configuration	ALA	2024
	0	E50	EV_NODAT	262144	1	25	0	-	Startup	Module	CMS	2025
	0	E51	EV_NODAT	524288	1	26	0	-	Overflow	Event buffer	ALA	2026
	0	E56	EV_32BIT_1	16777216	1	27	1	F001V015	Deactivated	IRF error	INS	2027
	0	E57	EV_32BIT_1	33554432	1	27	0	F001V015	Activated	IRF error	INS	2027
	0	E59	EV_NODAT	134217728	1	28	0	-	-	Watchdog error	ALA	2028
			Default mask=	185401344								
/* JMAA-38R001 / Rev K CH001 */												
	1	E0	EV_NODAT	1	1	0	0	-	OFF	Test mode	INS	2100
	1	E1	EV_NODAT	2	1	0	0	-	ON	Test mode	INS	2100
			Default mask=	3								
/* JMAA-38R002 / Rev D CH002 */												
	2	E0	EV_2BIT_1	1	1	0	1	F002V005	Disable	Recent control position	LRS	2200
	2	E1	EV_2BIT_1	2	1	0	0	F002V005	Local	Recent control position	LRS	2200
	2	E2	EV_2BIT_1	4	1	0	0	F002V005	Remote	Recent control position	LRS	2200
	2	E4	EV_1BIT	16	1	1	1	F002V004	Inactive	Interlocking bypass mode	INH	2201
	2	E5	EV_1BIT	32	1	1	0	F002V004	Active	Interlocking bypass mode	INH	2201
			Default mask=	55								
/* PS2 / Rev B PS2 */												
	14	E0	EV_NODAT	1	0	1	1	F014I001	Reset	TCS 1	INS	3401
	14	E1	EV_NODAT	2	0	1	0	F014I001	Activated	TCS 1	INS	3401
	14	E2	EV_NODAT	4	0	2	1	F014I002	Reset	TCS 2	INS	3402
	14	E3	EV_NODAT	8	0	2	0	F014I002	Activated	TCS 2	INS	3402
	14	E4	EV_NODAT	16	0	3	1	F014I003	Reset	OVtemp	INS	3403
	14	E5	EV_NODAT	32	0	3	0	F014I003	Activated	OVtemp	INS	3403
	14	E6	EV_NODAT	64	0	4	1	F014I004	Reset	ACfail	ALA	3404
	14	E7	EV_NODAT	128	0	4	0	F014I004	Activated	ACfail	ALA	3404
	14	E8	EV_NODAT	256	0	5	1	F014O001	Reset	Binary output 1	INS	3405
	14	E9	EV_NODAT	512	0	5	0	F014O001	Activated	Binary output 1	INS	3405
	14	E10	EV_NODAT	1024	0	6	1	F014O002	Reset	Binary output 2	INS	3406
	14	E11	EV_NODAT	2048	0	6	0	F014O002	Activated	Binary output 2	INS	3406
	14	E12	EV_NODAT	4096	0	7	1	F014O003	Reset	Binary output 3	INS	3407
	14	E13	EV_NODAT	8192	0	7	0	F014O003	Activated	Binary output 3	INS	3407
	14	E14	EV_NODAT	16384	0	8	1	F014O004	Reset	Binary output 4	INS	3408
	14	E15	EV_NODAT	32768	0	8	0	F014O004	Activated	Binary output 4	INS	3408
	14	E16	EV_NODAT	65536	0	9	1	F014O005	Reset	Binary output 5	INS	3409
	14	E17	EV_NODAT	131072	0	9	0	F014O005	Activated	Binary output 5	INS	3409
	14	E18	EV_NODAT	262144	0	10	1	F014O006	Reset	Binary output 6	INS	3410
	14	E19	EV_NODAT	524288	0	10	0	F014O006	Activated	Binary output 6	INS	3410
	14	E20	EV_NODAT	1048576	0	11	1	F014O007	Reset	Binary output 7	INS	3411
	14	E21	EV_NODAT	2097152	0	11	0	F014O007	Activated	Binary output 7	INS	3411
	14	E22	EV_NODAT	4194304	0	12	1	F014O008	Reset	Binary output 8	INS	3412
	14	E23	EV_NODAT	8388608	0	12	0	F014O008	Activated	Binary output 8	INS	3412
			Default mask=	0								
/* BIO1 / Rev C BIO1 */												
	15	E0	EV_NODAT	1	0	1	1	F015I001	Reset	Binary input 1	INS	3501
	15	E1	EV_NODAT	2	0	1	0	F015I001	Activated	Binary input 1	INS	3501
	15	E2	EV_NODAT	4	0	2	1	F015I002	Reset	Binary input 2	INS	3502
	15	E3	EV_NODAT	8	0	2	0	F015I002	Activated	Binary input 2	INS	3502
	15	E4	EV_NODAT	16	0	3	1	F015I003	Reset	Binary input 3	INS	3503
	15	E5	EV_NODAT	32	0	3	0	F015I003	Activated	Binary input 3	INS	3503
	15	E6	EV_NODAT	64	0	4	1	F015I004	Reset	Binary input 4	INS	3504
	15	E7	EV_NODAT	128	0	4	0	F015I004	Activated	Binary input 4	INS	3504
	15	E8	EV_NODAT	256	0	5	1	F015I005	Reset	Binary input 5	INS	3505
	15	E9	EV_NODAT	512	0	5	0	F015I005	Activated	Binary input 5	INS	3505
	15	E10	EV_NODAT	1024	0	6	1	F015I006	Reset	Binary input 6	INS	3506
	15	E11	EV_NODAT	2048	0	6	0	F015I006	Activated	Binary input 6	INS	3506
	15	E12	EV_NODAT	4096	0	7	1	F015I007	Reset	Binary input 7	INS	3507
	15	E13	EV_NODAT	8192	0	7	0	F015I007	Activated	Binary input 7	INS	3507
	15	E14	EV_NODAT	16384	0	8	1	F015I008	Reset	Binary input 8	INS	3508
	15	E15	EV_NODAT	32768	0	8	0	F015I008	Activated	Binary input 8	INS	3508
	15	E16	EV_NODAT	65536	0	9	1	F015I009	Reset	Binary input 9	INS	3509

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
	15	E17	EV_NODAT	131072	0	9	0	F015I009	Activated	Binary input 9	INS	3509
	15	E18	EV_NODAT	262144	0	10	1	F015I010	Reset	Binary input 10	INS	3510
	15	E19	EV_NODAT	524288	0	10	0	F015I010	Activated	Binary input 10	INS	3510
	15	E20	EV_NODAT	1048576	0	11	1	F015I011	Reset	Binary input 11	INS	3511
	15	E21	EV_NODAT	2097152	0	11	0	F015I011	Activated	Binary input 11	INS	3511
	15	E22	EV_NODAT	4194304	0	12	1	F015I012	Reset	Binary input 12	INS	3512
	15	E23	EV_NODAT	8388608	0	12	0	F015I012	Activated	Binary input 12	INS	3512
	15	E24	EV_NODAT	16777216	0	13	1	F015O001	Reset	Binary output 1	INS	3513
	15	E25	EV_NODAT	33554432	0	13	0	F015O001	Activated	Binary output 1	INS	3513
	15	E26	EV_NODAT	67108864	0	14	1	F015O002	Reset	Binary output 2	INS	3514
	15	E27	EV_NODAT	134217728	0	14	0	F015O002	Activated	Binary output 2	INS	3514
	15	E28	EV_NODAT	268435456	0	15	1	F015O003	Reset	Binary output 3	INS	3515
	15	E29	EV_NODAT	536870912	0	15	0	F015O003	Activated	Binary output 3	INS	3515
	15	E30	EV_NODAT	1073741824	0	16	1	F015O004	Reset	Binary output 4	INS	3516
	15	E31	EV_NODAT	2147483648	0	16	0	F015O004	Activated	Binary output 4	INS	3516
			Default mask=	0								
	15	E32	EV_NODAT	1	0	17	1	F015O005	Reset	Binary output 5	INS	3517
	15	E33	EV_NODAT	2	0	17	0	F015O005	Activated	Binary output 5	INS	3517
	15	E34	EV_NODAT	4	0	18	1	F015O006	Reset	Binary output 6	INS	3518
	15	E35	EV_NODAT	8	0	18	0	F015O006	Activated	Binary output 6	INS	3518
	15	E36	EV_NODAT	16	0	19	1	F015I021	Stop	Binary input 1 oscillate	INS	3519
	15	E37	EV_NODAT	32	0	19	0	F015I021	Start	Binary input 1 oscillate	INS	3519
	15	E38	EV_NODAT	64	0	20	1	F015I022	Stop	Binary input 2 oscillate	INS	3520
	15	E39	EV_NODAT	128	0	20	0	F015I022	Start	Binary input 2 oscillate	INS	3520
	15	E40	EV_NODAT	256	0	21	1	F015I023	Stop	Binary input 3 oscillate	INS	3521
	15	E41	EV_NODAT	512	0	21	0	F015I023	Start	Binary input 3 oscillate	INS	3521
	15	E42	EV_NODAT	1024	0	22	1	F015I024	Stop	Binary input 4 oscillate	INS	3522
	15	E43	EV_NODAT	2048	0	22	0	F015I024	Start	Binary input 4 oscillate	INS	3522
	15	E44	EV_NODAT	4096	0	23	1	F015I025	Stop	Binary input 5 oscillate	INS	3523
	15	E45	EV_NODAT	8192	0	23	0	F015I025	Start	Binary input 5 oscillate	INS	3523
	15	E46	EV_NODAT	16384	0	24	1	F015I026	Stop	Binary input 6 oscillate	INS	3524
	15	E47	EV_NODAT	32768	0	24	0	F015I026	Start	Binary input 6 oscillate	INS	3524
	15	E48	EV_NODAT	65536	0	25	1	F015I027	Stop	Binary input 7 oscillate	INS	3525
	15	E49	EV_NODAT	131072	0	25	0	F015I027	Start	Binary input 7 oscillate	INS	3525
	15	E50	EV_NODAT	262144	0	26	1	F015I028	Stop	Binary input 8 oscillate	INS	3526
	15	E51	EV_NODAT	524288	0	26	0	F015I028	Start	Binary input 8 oscillate	INS	3526
	15	E52	EV_NODAT	1048576	0	27	1	F015I029	Stop	Binary input 9 oscillate	INS	3527
	15	E53	EV_NODAT	2097152	0	27	0	F015I029	Start	Binary input 9 oscillate	INS	3527
	15	E54	EV_NODAT	4194304	0	28	1	F015I030	Stop	Binary input 10 oscillate	INS	3528
	15	E55	EV_NODAT	8388608	0	28	0	F015I030	Start	Binary input 10 oscillate	INS	3528
	15	E56	EV_NODAT	16777216	0	29	1	F015I031	Stop	Binary input 11 oscillate	INS	3529
	15	E57	EV_NODAT	33554432	0	29	0	F015I031	Start	Binary input 11 oscillate	INS	3529
	15	E58	EV_NODAT	67108864	0	30	1	F015I032	Stop	Binary input 12 oscillate	INS	3530
	15	E59	EV_NODAT	134217728	0	30	0	F015I032	Start	Binary input 12 oscillate	INS	3530
	15	E60	EV_COUNT	268435456	0	31	1	F015I041	Updated	Counter 1	INS	3531
	15	E61	EV_COUNT	536870912	0	32	1	F015I042	Updated	Counter 2	INS	3532
	15	E62	EV_COUNT	1073741824	0	33	1	F015I043	Updated	Counter 3	INS	3533
	15	E63	EV_COUNT	2147483648	0	34	1	F015I044	Updated	Counter 4	INS	3534
			Default mask=	0								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* BIO1 / Rev C BIO1 */												
	16	E0	EV_NODAT	1	0	1	1	F016I001	Reset	Binary input 1	INS	3601
	16	E1	EV_NODAT	2	0	1	0	F016I001	Activated	Binary input 1	INS	3601
	16	E2	EV_NODAT	4	0	2	1	F016I002	Reset	Binary input 2	INS	3602
	16	E3	EV_NODAT	8	0	2	0	F016I002	Activated	Binary input 2	INS	3602
	16	E4	EV_NODAT	16	0	3	1	F016I003	Reset	Binary input 3	INS	3603
	16	E5	EV_NODAT	32	0	3	0	F016I003	Activated	Binary input 3	INS	3603
	16	E6	EV_NODAT	64	0	4	1	F016I004	Reset	Binary input 4	INS	3604
	16	E7	EV_NODAT	128	0	4	0	F016I004	Activated	Binary input 4	INS	3604
	16	E8	EV_NODAT	256	0	5	1	F016I005	Reset	Binary input 5	INS	3605
	16	E9	EV_NODAT	512	0	5	0	F016I005	Activated	Binary input 5	INS	3605
	16	E10	EV_NODAT	1024	0	6	1	F016I006	Reset	Binary input 6	INS	3606
	16	E11	EV_NODAT	2048	0	6	0	F016I006	Activated	Binary input 6	INS	3606
	16	E12	EV_NODAT	4096	0	7	1	F016I007	Reset	Binary input 7	INS	3607
	16	E13	EV_NODAT	8192	0	7	0	F016I007	Activated	Binary input 7	INS	3607
	16	E14	EV_NODAT	16384	0	8	1	F016I008	Reset	Binary input 8	INS	3608
	16	E15	EV_NODAT	32768	0	8	0	F016I008	Activated	Binary input 8	INS	3608
	16	E16	EV_NODAT	65536	0	9	1	F016I009	Reset	Binary input 9	INS	3609
	16	E17	EV_NODAT	131072	0	9	0	F016I009	Activated	Binary input 9	INS	3609
	16	E18	EV_NODAT	262144	0	10	1	F016I010	Reset	Binary input 10	INS	3610
	16	E19	EV_NODAT	524288	0	10	0	F016I010	Activated	Binary input 10	INS	3610
	16	E20	EV_NODAT	1048576	0	11	1	F016I011	Reset	Binary input 11	INS	3611
	16	E21	EV_NODAT	2097152	0	11	0	F016I011	Activated	Binary input 11	INS	3611
	16	E22	EV_NODAT	4194304	0	12	1	F016I012	Reset	Binary input 12	INS	3612
	16	E23	EV_NODAT	8388608	0	12	0	F016I012	Activated	Binary input 12	INS	3612
	16	E24	EV_NODAT	16777216	0	13	1	F016O001	Reset	Binary output 1	INS	3613
	16	E25	EV_NODAT	33554432	0	13	0	F016O001	Activated	Binary output 1	INS	3613
	16	E26	EV_NODAT	67108864	0	14	1	F016O002	Reset	Binary output 2	INS	3614
	16	E27	EV_NODAT	134217728	0	14	0	F016O002	Activated	Binary output 2	INS	3614
	16	E28	EV_NODAT	268435456	0	15	1	F016O003	Reset	Binary output 3	INS	3615
	16	E29	EV_NODAT	536870912	0	15	0	F016O003	Activated	Binary output 3	INS	3615
	16	E30	EV_NODAT	1073741824	0	16	1	F016O004	Reset	Binary output 4	INS	3616
	16	E31	EV_NODAT	2147483648	0	16	0	F016O004	Activated	Binary output 4	INS	3616
			Default mask=	0								
	16	E32	EV_NODAT	1	0	17	1	F016O005	Reset	Binary output 5	INS	3617
	16	E33	EV_NODAT	2	0	17	0	F016O005	Activated	Binary output 5	INS	3617
	16	E34	EV_NODAT	4	0	18	1	F016O006	Reset	Binary output 6	INS	3618
	16	E35	EV_NODAT	8	0	18	0	F016O006	Activated	Binary output 6	INS	3618
	16	E36	EV_NODAT	16	0	19	1	F016I021	Stop	Binary input 1 oscillate	INS	3619
	16	E37	EV_NODAT	32	0	19	0	F016I021	Start	Binary input 1 oscillate	INS	3619
	16	E38	EV_NODAT	64	0	20	1	F016I022	Stop	Binary input 2 oscillate	INS	3620
	16	E39	EV_NODAT	128	0	20	0	F016I022	Start	Binary input 2 oscillate	INS	3620
	16	E40	EV_NODAT	256	0	21	1	F016I023	Stop	Binary input 3 oscillate	INS	3621
	16	E41	EV_NODAT	512	0	21	0	F016I023	Start	Binary input 3 oscillate	INS	3621
	16	E42	EV_NODAT	1024	0	22	1	F016I024	Stop	Binary input 4 oscillate	INS	3622
	16	E43	EV_NODAT	2048	0	22	0	F016I024	Start	Binary input 4 oscillate	INS	3622
	16	E44	EV_NODAT	4096	0	23	1	F016I025	Stop	Binary input 5 oscillate	INS	3623
	16	E45	EV_NODAT	8192	0	23	0	F016I025	Start	Binary input 5 oscillate	INS	3623
	16	E46	EV_NODAT	16384	0	24	1	F016I026	Stop	Binary input 6 oscillate	INS	3624
	16	E47	EV_NODAT	32768	0	24	0	F016I026	Start	Binary input 6 oscillate	INS	3624
	16	E48	EV_NODAT	65536	0	25	1	F016I027	Stop	Binary input 7 oscillate	INS	3625
	16	E49	EV_NODAT	131072	0	25	0	F016I027	Start	Binary input 7 oscillate	INS	3625
	16	E50	EV_NODAT	262144	0	26	1	F016I028	Stop	Binary input 8 oscillate	INS	3626
	16	E51	EV_NODAT	524288	0	26	0	F016I028	Start	Binary input 8 oscillate	INS	3626
	16	E52	EV_NODAT	1048576	0	27	1	F016I029	Stop	Binary input 9 oscillate	INS	3627
	16	E53	EV_NODAT	2097152	0	27	0	F016I029	Start	Binary input 9 oscillate	INS	3627
	16	E54	EV_NODAT	4194304	0	28	1	F016I030	Stop	Binary input 10 oscillate	INS	3628
	16	E55	EV_NODAT	8388608	0	28	0	F016I030	Start	Binary input 10 oscillate	INS	3628
	16	E56	EV_NODAT	16777216	0	29	1	F016I031	Stop	Binary input 11 oscillate	INS	3629
	16	E57	EV_NODAT	33554432	0	29	0	F016I031	Start	Binary input 11 oscillate	INS	3629
	16	E58	EV_NODAT	67108864	0	30	1	F016I032	Stop	Binary input 12 oscillate	INS	3630
	16	E59	EV_NODAT	134217728	0	30	0	F016I032	Start	Binary input 12 oscillate	INS	3630
	16	E60	EV_COUNT	268435456	0	31	1	F016I041	Updated	Counter 1	INS	3631
	16	E61	EV_COUNT	536870912	0	32	1	F016I042	Updated	Counter 2	INS	3632

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
	16	E62	EV_COUNT	1073741824	0	33	1	F016I043	Updated	Counter 3	INS	3633
	16	E63	EV_COUNT	2147483648	0	34	1	F016I044	Updated	Counter 4	INS	3634
			Default mask=	0								
/* BIO2 / Rev C BIO2 */												
	17	E0	EV_NODAT	1	0	1	1	F017I001	Reset	Binary input 1	INS	3701
	17	E1	EV_NODAT	2	0	1	0	F017I001	Activated	Binary input 1	INS	3701
	17	E2	EV_NODAT	4	0	2	1	F017I002	Reset	Binary input 2	INS	3702
	17	E3	EV_NODAT	8	0	2	0	F017I002	Activated	Binary input 2	INS	3702
	17	E4	EV_NODAT	16	0	3	1	F017I003	Reset	Binary input 3	INS	3703
	17	E5	EV_NODAT	32	0	3	0	F017I003	Activated	Binary input 3	INS	3703
	17	E6	EV_NODAT	64	0	4	1	F017I004	Reset	Binary input 4	INS	3704
	17	E7	EV_NODAT	128	0	4	0	F017I004	Activated	Binary input 4	INS	3704
	17	E8	EV_NODAT	256	0	5	1	F017I005	Reset	Binary input 5	INS	3705
	17	E9	EV_NODAT	512	0	5	0	F017I005	Activated	Binary input 5	INS	3705
	17	E10	EV_NODAT	1024	0	6	1	F017I006	Reset	Binary input 6	INS	3706
	17	E11	EV_NODAT	2048	0	6	0	F017I006	Activated	Binary input 6	INS	3706
	17	E12	EV_NODAT	4096	0	7	1	F017I007	Reset	Binary input 7	INS	3707
	17	E13	EV_NODAT	8192	0	7	0	F017I007	Activated	Binary input 7	INS	3707
	17	E14	EV_NODAT	16384	0	8	1	F017I008	Reset	Binary input 8	INS	3708
	17	E15	EV_NODAT	32768	0	8	0	F017I008	Activated	Binary input 8	INS	3708
	17	E16	EV_NODAT	65536	0	9	1	F017I009	Reset	Binary input 9	INS	3709
	17	E17	EV_NODAT	131072	0	9	0	F017I009	Activated	Binary input 9	INS	3709
	17	E18	EV_NODAT	262144	0	10	1	F017I010	Reset	Binary input 10	INS	3710
	17	E19	EV_NODAT	524288	0	10	0	F017I010	Activated	Binary input 10	INS	3710
	17	E20	EV_NODAT	1048576	0	11	1	F017O001	Reset	Binary output 1	INS	3711
	17	E21	EV_NODAT	2097152	0	11	0	F017O001	Activated	Binary output 1	INS	3711
	17	E22	EV_NODAT	4194304	0	12	1	F017O002	Reset	Binary output 2	INS	3712
	17	E23	EV_NODAT	8388608	0	12	0	F017O002	Activated	Binary output 2	INS	3712
	17	E24	EV_NODAT	16777216	0	13	1	F017O003	Reset	Binary output 3	INS	3713
	17	E25	EV_NODAT	33554432	0	13	0	F017O003	Activated	Binary output 3	INS	3713
	17	E26	EV_NODAT	67108864	0	14	1	F017O004	Reset	Binary output 4	INS	3714
	17	E27	EV_NODAT	134217728	0	14	0	F017O004	Activated	Binary output 4	INS	3714
	17	E28	EV_NODAT	268435456	0	15	1	F017O005	Reset	Binary output 5	INS	3715
	17	E29	EV_NODAT	536870912	0	15	0	F017O005	Activated	Binary output 5	INS	3715
	17	E30	EV_NODAT	1073741824	0	16	1	F017O006	Reset	Binary output 6	INS	3716
	17	E31	EV_NODAT	2147483648	0	16	0	F017O006	Activated	Binary output 6	INS	3716
			Default mask=	0								
	17	E32	EV_NODAT	1	0	17	1	F017I021	Stop	Binary input 1 oscillate	INS	3717
	17	E33	EV_NODAT	2	0	17	0	F017I021	Start	Binary input 1 oscillate	INS	3717
	17	E34	EV_NODAT	4	0	18	1	F017I022	Stop	Binary input 2 oscillate	INS	3718
	17	E35	EV_NODAT	8	0	18	0	F017I022	Start	Binary input 2 oscillate	INS	3718
	17	E36	EV_NODAT	16	0	19	1	F017I023	Stop	Binary input 3 oscillate	INS	3719
	17	E37	EV_NODAT	32	0	19	0	F017I023	Start	Binary input 3 oscillate	INS	3719
	17	E38	EV_NODAT	64	0	20	1	F017I024	Stop	Binary input 4 oscillate	INS	3720
	17	E39	EV_NODAT	128	0	20	0	F017I024	Start	Binary input 4 oscillate	INS	3720
	17	E40	EV_NODAT	256	0	21	1	F017I025	Stop	Binary input 5 oscillate	INS	3721
	17	E41	EV_NODAT	512	0	21	0	F017I025	Start	Binary input 5 oscillate	INS	3721
	17	E42	EV_NODAT	1024	0	22	1	F017I026	Stop	Binary input 6 oscillate	INS	3722
	17	E43	EV_NODAT	2048	0	22	0	F017I026	Start	Binary input 6 oscillate	INS	3722
	17	E44	EV_NODAT	4096	0	23	1	F017I027	Stop	Binary input 7 oscillate	INS	3723
	17	E45	EV_NODAT	8192	0	23	0	F017I027	Start	Binary input 7 oscillate	INS	3723
	17	E46	EV_NODAT	16384	0	24	1	F017I028	Stop	Binary input 8 oscillate	INS	3724
	17	E47	EV_NODAT	32768	0	24	0	F017I028	Start	Binary input 8 oscillate	INS	3724
	17	E48	EV_NODAT	65536	0	25	1	F017I029	Stop	Binary input 9 oscillate	INS	3725
	17	E49	EV_NODAT	131072	0	25	0	F017I029	Start	Binary input 9 oscillate	INS	3725
	17	E50	EV_NODAT	262144	0	26	1	F017I030	Stop	Binary input 10 oscillate	INS	3726
	17	E51	EV_NODAT	524288	0	26	0	F017I030	Start	Binary input 10 oscillate	INS	3726
	17	E52	EV_COUNT	1048576	0	27	1	F017I041	Updated	Counter 1	INS	3727
	17	E53	EV_COUNT	2097152	0	28	1	F017I042	Updated	Counter 2	INS	3728
			Default mask=	0								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* LocalMMI027 / Rev D LocalMMI */												
	27	E0	EV_NODAT	1	0	0	0	-	OFF	Backlight	INS	4700
	27	E1	EV_NODAT	2	0	0	0	-	ON	Backlight	INS	4700
	27	E2	EV_NODAT	4	0	1	0	-	-	Password changed	INS	4701
	27	E3	EV_NODAT	8	0	2	0	-	-	Setting done	INS	4702
	27	E4	EV_NODAT	16	0	3	0	-	Operator level	Moving to	INS	4703
	27	E5	EV_NODAT	32	0	3	0	-	Technical level	Moving to	INS	4703
	27	E6	EV_NODAT	64	0	5	0	-	-	Language changed	INS	4705
			Default mask=	0								
/* 100028 / Rev A MMIWAKE */												
	28	E0	EV_NODAT	1	0	99	0	-	-	-	-	4899
	28	E1	EV_NODAT	2	0	0	0	-	Activated	MMI backligth	INS	4800
			Default mask=	0								
/* 100029 / Rev A INDRESET */												
	29	E1	EV_NODAT	2	1	0	0	-	Reset	Indications	INS	4900
	29	E3	EV_NODAT	8	1	1	0	-	Reset	Indications, latched	INS	4901
	29	E5	EV_NODAT	32	1	2	0	-	Reset	Indicat., latched, registered	INS	4902
			Default mask=	42								
/* 100031 / Rev D NOC3Low */												
	31	E0	EV_3BIT_1	1	1	0	0	F031O001	Reset	START signal from 3I> stage	STR	5100
	31	E1	EV_3BIT_1	2	1	0	0	F031O001	Activated	START signal from 3I> stage	STR	5100
	31	E2	EV_3BIT_1	4	1	1	0	F031O002	Reset	TRIP signal from 3I> stage	TRP	5101
	31	E3	EV_3BIT_1	8	1	1	0	F031O002	Activated	TRIP signal from 3I> stage	TRP	5101
	31	E4	EV_3BIT_1	16	1	2	0	F031O003	Reset	CBFP signal from 3I> stage	ALA	5102
	31	E5	EV_3BIT_1	32	1	2	0	F031O003	Activated	CBFP signal from 3I> stage	ALA	5102
	31	E6	EV_NODAT	64	0	3	0	F031I004	Reset	BS1 signal of 3I> stage	BLK	5103
	31	E7	EV_NODAT	128	0	3	0	F031I004	Activated	BS1 signal of 3I> stage	BLK	5103
	31	E8	EV_NODAT	256	0	4	0	F031I005	Reset	BS2 signal of 3I> stage	BLK	5104
	31	E9	EV_NODAT	512	0	4	0	F031I005	Activated	BS2 signal of 3I> stage	BLK	5104
	31	E10	EV_NODAT	1024	0	5	0	-	Off	Test mode of 3I> stage	INS	5105
	31	E11	EV_NODAT	2048	0	5	0	-	On	Test mode of 3I> stage	INS	5105
			Default mask=	63								
/* 100032 / Rev C NOC3High */												
	32	E0	EV_3BIT_1	1	1	0	0	F032O002	Reset	START signal from 3I>> stage	STR	5200
	32	E1	EV_3BIT_1	2	1	0	0	F032O002	Activated	START signal from 3I>> stage	STR	5200
	32	E2	EV_3BIT_1	4	1	1	0	F032O003	Reset	TRIP signal from 3I>> stage	TRP	5201
	32	E3	EV_3BIT_1	8	1	1	0	F032O003	Activated	TRIP signal from 3I>> stage	TRP	5201
	32	E4	EV_3BIT_1	16	1	2	0	F032O004	Reset	CBFP signal from 3I>> stage	ALA	5202
	32	E5	EV_3BIT_1	32	1	2	0	F032O004	Activated	CBFP signal from 3I>> stage	ALA	5202
	32	E6	EV_3BIT_1	64	0	3	0	F032O001	Reset	BSOUT signal from 3I>> stage	BLK	5203
	32	E7	EV_3BIT_1	128	0	3	0	F032O001	Activated	BSOUT signal from 3I>> stage	BLK	5203
	32	E8	EV_NODAT	256	0	4	0	F032I004	Reset	BS1 signal of 3I>> stage	BLK	5204
	32	E9	EV_NODAT	512	0	4	0	F032I004	Activated	BS1 signal of 3I>> stage	BLK	5204
	32	E10	EV_NODAT	1024	0	5	0	F032I005	Reset	BS2 signal of 3I>> stage	BLK	5205
	32	E11	EV_NODAT	2048	0	5	0	F032I005	Activated	BS2 signal of 3I>> stage	BLK	5205
	32	E12	EV_NODAT	4096	0	6	0	-	Off	Test mode of 3I>> stage	INS	5206
	32	E13	EV_NODAT	8192	0	6	0	-	On	Test mode of 3I>> stage	INS	5206
			Default mask=	63								
/* 100033 / Rev C NOC3Inst */												
	33	E0	EV_3BIT_1	1	1	0	0	F033O002	Reset	START signal from 3I>>> stage	STR	5300
	33	E1	EV_3BIT_1	2	1	0	0	F033O002	Activated	START signal from 3I>>> stage	STR	5300
	33	E2	EV_3BIT_1	4	1	1	0	F033O003	Reset	TRIP signal from 3I>>> stage	TRP	5301
	33	E3	EV_3BIT_1	8	1	1	0	F033O003	Activated	TRIP signal from 3I>>> stage	TRP	5301
	33	E4	EV_3BIT_1	16	1	2	0	F033O004	Reset	CBFP signal from 3I>>> stage	ALA	5302
	33	E5	EV_3BIT_1	32	1	2	0	F033O004	Activated	CBFP signal from 3I>>> stage	ALA	5302
	33	E6	EV_3BIT_1	64	0	3	0	F033O001	Reset	BSOUT signal from 3I>>> stage	BLK	5303
	33	E7	EV_3BIT_1	128	0	3	0	F033O001	Activated	BSOUT signal from 3I>>> stage	BLK	5303
	33	E8	EV_NODAT	256	0	4	0	F033I004	Reset	BS1 signal of 3I>>> stage	BLK	5304
	33	E9	EV_NODAT	512	0	4	0	F033I004	Activated	BS1 signal of 3I>>> stage	BLK	5304
	33	E10	EV_NODAT	1024	0	5	0	F033I005	Reset	BS2 signal of 3I>>> stage	BLK	5305
	33	E11	EV_NODAT	2048	0	5	0	F033I005	Activated	BS2 signal of 3I>>> stage	BLK	5305
	33	E12	EV_NODAT	4096	0	6	0	-	Off	Test mode of 3I>>> stage	INS	5306
	33	E13	EV_NODAT	8192	0	6	0	-	On	Test mode of 3I>>> stage	INS	5306
			Default mask=	63								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100034 / Rev D Inrush3 */												
	34	E0	EV_NODAT	1	1	0	0	F034O001	Reset	START signal from Inrush3 stage	STR	5400
	34	E1	EV_NODAT	2	1	0	0	F034O001	Activated	START signal from Inrush3 stage	STR	5400
	34	E2	EV_NODAT	4	0	1	0	-	Off	Test mode of Inrush3 stage	INS	5401
	34	E3	EV_NODAT	8	0	1	0	-	On	Test mode of Inrush3 stage	INS	5401
			Default mask=	3								
/* 100035 / Rev F DOC6Low */												
	35	E0	EV_3BIT_1	1	1	0	0	F035O002	Reset	START signal from 3I> -> stage	STR	5500
	35	E1	EV_3BIT_1	2	1	0	0	F035O002	Activated	START signal from 3I> -> stage	STR	5500
	35	E2	EV_3BIT_1	4	1	1	0	F035O003	Reset	TRIP signal from 3I> -> stage	TRP	5501
	35	E3	EV_3BIT_1	8	1	1	0	F035O003	Activated	TRIP signal from 3I> -> stage	TRP	5501
	35	E4	EV_3BIT_1	16	1	2	0	F035O004	Reset	CBFP signal from 3I> -> stage	ALA	5502
	35	E5	EV_3BIT_1	32	1	2	0	F035O004	Activated	CBFP signal from 3I> -> stage	ALA	5502
	35	E6	EV_NODAT	64	0	3	0	F035O001	Reset	DIRECTION signal of 3I> -> stage	ALA	5503
	35	E7	EV_NODAT	128	0	3	0	F035O001	Activated	DIRECTION signal of 3I>-> stage	ALA	5503
	35	E8	EV_NODAT	256	0	4	0	F035I016	Reset	BS1 signal of 3I> -> stage	BLK	5504
	35	E9	EV_NODAT	512	0	4	0	F035I016	Activated	BS1 signal of 3I> -> stage	BLK	5504
	35	E10	EV_NODAT	1024	0	5	0	F035I017	Reset	BS2 signal of 3I> -> stage	BLK	5505
	35	E11	EV_NODAT	2048	0	5	0	F035I017	Activated	BS2 signal of 3I> -> stage	BLK	5505
	35	E12	EV_NODAT	4096	0	6	0	-	Off	Test mode of 3I> -> stage	INS	5506
	35	E13	EV_NODAT	8192	0	6	0	-	On	Test mode of 3I> -> stage	INS	5506
			Default mask=	63								
/* 100036 / Rev F DOC6High */												
	36	E0	EV_3BIT_1	1	1	0	0	F036O003	Reset	START signal from 3I>> -> stage	STR	5600
	36	E1	EV_3BIT_1	2	1	0	0	F036O003	Activated	START signal from 3I>> -> stage	STR	5600
	36	E2	EV_3BIT_1	4	1	1	0	F036O004	Reset	TRIP signal from 3I>> -> stage	TRP	5601
	36	E3	EV_3BIT_1	8	1	1	0	F036O004	Activated	TRIP signal from 3I>> -> stage	TRP	5601
	36	E4	EV_3BIT_1	16	1	2	0	F036O005	Reset	CBFP signal from 3I>> -> stage	ALA	5602
	36	E5	EV_3BIT_1	32	1	2	0	F036O005	Activated	CBFP signal from 3I>> -> stage	ALA	5602
	36	E6	EV_3BIT_1	64	0	3	0	F036O002	Reset	BSOUT signal from 3I>> -> stage	BLK	5603
	36	E7	EV_3BIT_1	128	0	3	0	F036O002	Activated	BSOUT signal from 3I>> -> stage	BLK	5603
	36	E8	EV_NODAT	256	0	4	0	F036O001	Reset	DIRECTION signal of 3I>> -> stage	ALA	5604
	36	E9	EV_NODAT	512	0	4	0	F036O001	Activated	DIRECTION signal of 3I>> -> stage	ALA	5604
	36	E10	EV_NODAT	1024	0	5	0	F036I016	Reset	BS1 signal of 3I>> -> stage	BLK	5605
	36	E11	EV_NODAT	2048	0	5	0	F036I016	Activated	BS1 signal of 3I>> -> stage	BLK	5605
	36	E12	EV_NODAT	4096	0	6	0	F036I017	Reset	BS2 signal of 3I>> -> stage	BLK	5606
	36	E13	EV_NODAT	8192	0	6	0	F036I017	Activated	BS2 signal of 3I>> -> stage	BLK	5606
	36	E14	EV_NODAT	16384	0	7	0	-	Off	Test mode of 3I>> -> stage	INS	5607
	36	E15	EV_NODAT	32768	0	7	0	-	On	Test mode of 3I>> -> stage	INS	5607
			Default mask=	63								
/* 100037 / Rev F DOC6Inst */												
	37	E0	EV_3BIT_1	1	1	0	0	F037O003	Reset	START signal from 3I>>> -> stage	STR	5700
	37	E1	EV_3BIT_1	2	1	0	0	F037O003	Activated	START signal from 3I>>> -> stage	STR	5700
	37	E2	EV_3BIT_1	4	1	1	0	F037O004	Reset	TRIP signal from 3I>>> -> stage	TRP	5701
	37	E3	EV_3BIT_1	8	1	1	0	F037O004	Activated	TRIP signal from 3I>>> -> stage	TRP	5701
	37	E4	EV_3BIT_1	16	1	2	0	F037O005	Reset	CBFP signal from 3I>>> -> stage	ALA	5702
	37	E5	EV_3BIT_1	32	1	2	0	F037O005	Activated	CBFP signal from 3I>>> -> stage	ALA	5702
	37	E6	EV_3BIT_1	64	0	3	0	F037O002	Reset	BSOUT signal from 3I>>> -> stage	BLK	5703
	37	E7	EV_3BIT_1	128	0	3	0	F037O002	Activated	BSOUT signal from 3I>>> -> stage	BLK	5703
	37	E8	EV_NODAT	256	0	4	0	F037O001	Reset	DIRECTION signal of 3I>>> -> stage	ALA	5704
	37	E9	EV_NODAT	512	0	4	0	F037O001	Activated	DIRECTION signal of 3I>>> -> stage	ALA	5704
	37	E10	EV_NODAT	1024	0	5	0	F037I016	Reset	BS1 signal of 3I>>> -> stage	BLK	5705
	37	E11	EV_NODAT	2048	0	5	0	F037I016	Activated	BS1 signal of 3I>>> -> stage	BLK	5705
	37	E12	EV_NODAT	4096	0	6	0	F037I017	Reset	BS2 signal of 3I>>> -> stage	BLK	5706
	37	E13	EV_NODAT	8192	0	6	0	F037I017	Activated	BS2 signal of 3I>>> -> stage	BLK	5706
	37	E14	EV_NODAT	16384	0	7	0	-	Off	Test mode of 3I>>> -> stage	INS	5707
	37	E15	EV_NODAT	32768	0	7	0	-	On	Test mode of 3I>>> -> stage	INS	5707
			Default mask=	63								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100038 / Rev E NEF1Low */												
	38	E0	EV_NODAT	1	1	0	0	F038O001	Reset	START signal from Io> stage	STR	5800
	38	E1	EV_NODAT	2	1	0	0	F038O001	Activated	START signal from Io> stage	STR	5800
	38	E2	EV_NODAT	4	1	1	0	F038O002	Reset	TRIP signal from Io> stage	TRP	5801
	38	E3	EV_NODAT	8	1	1	0	F038O002	Activated	TRIP signal from Io> stage	TRP	5801
	38	E4	EV_NODAT	16	1	2	0	F038O003	Reset	CBFP signal from Io> stage	ALA	5802
	38	E5	EV_NODAT	32	1	2	0	F038O003	Activated	CBFP signal from Io> stage	ALA	5802
	38	E6	EV_NODAT	64	0	3	0	F038I002	Reset	BS1 signal of Io> stage	BLK	5803
	38	E7	EV_NODAT	128	0	3	0	F038I002	Activated	BS1 signal of Io> stage	BLK	5803
	38	E8	EV_NODAT	256	0	4	0	F038I003	Reset	BS2 signal of Io> stage	BLK	5804
	38	E9	EV_NODAT	512	0	4	0	F038I003	Activated	BS2 signal of Io> stage	BLK	5804
	38	E10	EV_NODAT	1024	0	5	0	-	Off	Test mode of Io> stage	INS	5805
	38	E11	EV_NODAT	2048	0	5	0	-	On	Test mode of Io> stage	INS	5805
			Default mask=	63								
/* 100039 / Rev C NEF1High */												
	39	E0	EV_NODAT	1	1	0	0	F039O001	Reset	START signal from Io>> stage	STR	5900
	39	E1	EV_NODAT	2	1	0	0	F039O001	Activated	START signal from Io>> stage	STR	5900
	39	E2	EV_NODAT	4	1	1	0	F039O002	Reset	TRIP signal from Io>> stage	TRP	5901
	39	E3	EV_NODAT	8	1	1	0	F039O002	Activated	TRIP signal from Io>> stage	TRP	5901
	39	E4	EV_NODAT	16	1	2	0	F039O003	Reset	CBFP signal from Io>> stage	ALA	5902
	39	E5	EV_NODAT	32	1	2	0	F039O003	Activated	CBFP signal from Io>> stage	ALA	5902
	39	E6	EV_NODAT	64	0	3	0	F039I002	Reset	BS1 signal of Io>> stage	BLK	5903
	39	E7	EV_NODAT	128	0	3	0	F039I002	Activated	BS1 signal of Io>> stage	BLK	5903
	39	E8	EV_NODAT	256	0	4	0	F039I003	Reset	BS2 signal of Io>> stage	BLK	5904
	39	E9	EV_NODAT	512	0	4	0	F039I003	Activated	BS2 signal of Io>> stage	BLK	5904
	39	E10	EV_NODAT	1024	0	7	0	-	Off	Test mode of Io>> stage	INS	5907
	39	E11	EV_NODAT	2048	0	7	0	-	On	Test mode of Io>> stage	INS	5907
			Default mask=	63								
/* 100040 / Rev E DEF2Low */												
	40	E0	EV_NODAT	1	1	0	0	F040O001	Reset	START signal from Io> ->	STR	6000
	40	E1	EV_NODAT	2	1	0	0	F040O001	Activated	START signal from Io> ->	STR	6000
	40	E2	EV_NODAT	4	1	1	0	F040O002	Reset	TRIP signal from Io> ->	TRP	6001
	40	E3	EV_NODAT	8	1	1	0	F040O002	Activated	TRIP signal from Io> ->	TRP	6001
	40	E4	EV_NODAT	16	1	2	0	F040O003	Reset	CBFP signal from Io> ->	ALA	6002
	40	E5	EV_NODAT	32	1	2	0	F040O003	Activated	CBFP signal from Io> ->	ALA	6002
	40	E6	EV_NODAT	64	0	3	0	F040I005	Reset	BS1 signal of Io> ->	BLK	6003
	40	E7	EV_NODAT	128	0	3	0	F040I005	Activated	BS1 signal of Io> ->	BLK	6003
	40	E8	EV_NODAT	256	0	4	0	F040I006	Reset	BS2 signal of Io> ->	BLK	6004
	40	E9	EV_NODAT	512	0	4	0	F040I006	Activated	BS2 signal of Io> ->	BLK	6004
	40	E10	EV_NODAT	1024	0	5	0	-	Off	Test mode of Io> ->	INS	6005
	40	E11	EV_NODAT	2048	0	5	0	-	On	Test mode of Io> ->	INS	6005
			Default mask=	63								
/* 100041 / Rev E DEF2High */												
	41	E0	EV_NODAT	1	1	0	0	F041O001	Reset	START signal from Io>> ->	STR	6100
	41	E1	EV_NODAT	2	1	0	0	F041O001	Activated	START signal from Io>> ->	STR	6100
	41	E2	EV_NODAT	4	1	1	0	F041O002	Reset	TRIP signal from Io>> ->	TRP	6101
	41	E3	EV_NODAT	8	1	1	0	F041O002	Activated	TRIP signal from Io>> ->	TRP	6101
	41	E4	EV_NODAT	16	1	2	0	F041O003	Reset	CBFP signal from Io>> ->	ALA	6102
	41	E5	EV_NODAT	32	1	2	0	F041O003	Activated	CBFP signal from Io>> ->	ALA	6102
	41	E6	EV_NODAT	64	0	3	0	F041I005	Reset	BS1 signal of Io>> ->	BLK	6103
	41	E7	EV_NODAT	128	0	3	0	F041I005	Activated	BS1 signal of Io>> ->	BLK	6103
	41	E8	EV_NODAT	256	0	4	0	F041I006	Reset	BS2 signal of Io>> ->	BLK	6104
	41	E9	EV_NODAT	512	0	4	0	F041I006	Activated	BS2 signal of Io>> ->	BLK	6104
	41	E10	EV_NODAT	1024	0	5	0	-	Off	Test mode of Io>> ->	INS	6105
	41	E11	EV_NODAT	2048	0	5	0	-	On	Test mode of Io>> ->	INS	6105
			Default mask=	63								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100042 / Rev E DEF2Inst */												
	42	E0	EV_NODAT	1	1	0	0	F042O001	Reset	START signal from Io>>> ->	STR	6200
	42	E1	EV_NODAT	2	1	0	0	F042O001	Activated	START signal from Io>>> ->	STR	6200
	42	E2	EV_NODAT	4	1	1	0	F042O002	Reset	TRIP signal from Io>>> ->	TRP	6201
	42	E3	EV_NODAT	8	1	1	0	F042O002	Activated	TRIP signal from Io>>> ->	TRP	6201
	42	E4	EV_NODAT	16	1	2	0	F042O003	Reset	CBFP signal from Io>>> ->	ALA	6202
	42	E5	EV_NODAT	32	1	2	0	F042O003	Activated	CBFP signal from Io>>> ->	ALA	6202
	42	E6	EV_NODAT	64	0	3	0	F042I005	Reset	BS1 signal of Io>>> ->	BLK	6203
	42	E7	EV_NODAT	128	0	3	0	F042I005	Activated	BS1 signal of Io>>> ->	BLK	6203
	42	E8	EV_NODAT	256	0	4	0	F042I006	Reset	BS2 signal of Io>>> ->	BLK	6204
	42	E9	EV_NODAT	512	0	4	0	F042I006	Activated	BS2 signal of Io>>> ->	BLK	6204
	42	E10	EV_NODAT	1024	0	5	0	-	Off	Test mode of Io>>> ->	INS	6205
	42	E11	EV_NODAT	2048	0	5	0	-	On	Test mode of Io>>> ->	INS	6205
			Default mask=	63								
/* 100044 / Rev D ROV1Low */												
	44	E0	EV_NODAT	1	1	0	0	F044O001	Reset	START signal from Uo> stage	STR	6400
	44	E1	EV_NODAT	2	1	0	0	F044O001	Activated	START signal from Uo> stage	STR	6400
	44	E2	EV_NODAT	4	1	1	0	F044O002	Reset	TRIP signal from Uo> stage	TRP	6401
	44	E3	EV_NODAT	8	1	1	0	F044O002	Activated	TRIP signal from Uo> stage	TRP	6401
	44	E4	EV_NODAT	16	0	2	0	F044I002	Reset	BS1 signal of Uo> stage	BLK	6402
	44	E5	EV_NODAT	32	0	2	0	F044I002	Activated	BS1 signal of Uo> stage	BLK	6402
	44	E6	EV_NODAT	64	0	3	0	F044I003	Reset	BS2 signal of Uo> stage	BLK	6403
	44	E7	EV_NODAT	128	0	3	0	F044I003	Activated	BS2 signal of Uo> stage	BLK	6403
	44	E8	EV_NODAT	256	0	4	0	-	Off	Test mode of Uo> stage	INS	6404
	44	E9	EV_NODAT	512	0	4	0	-	On	Test mode of Uo> stage	INS	6404
			Default mask=	15								
/* 100045 / Rev D ROV1High */												
	45	E0	EV_NODAT	1	1	0	0	F045O001	Reset	START signal from Uo>> stage	STR	6500
	45	E1	EV_NODAT	2	1	0	0	F045O001	Activated	START signal from Uo>> stage	STR	6500
	45	E2	EV_NODAT	4	1	1	0	F045O002	Reset	TRIP signal from Uo>> stage	TRP	6501
	45	E3	EV_NODAT	8	1	1	0	F045O002	Activated	TRIP signal from Uo>> stage	TRP	6501
	45	E4	EV_NODAT	16	0	2	0	F045I002	Reset	BS1 signal of Uo>> stage	BLK	6502
	45	E5	EV_NODAT	32	0	2	0	F045I002	Activated	BS1 signal of Uo>> stage	BLK	6502
	45	E6	EV_NODAT	64	0	3	0	F045I003	Reset	BS2 signal of Uo>> stage	BLK	6503
	45	E7	EV_NODAT	128	0	3	0	F045I003	Activated	BS2 signal of Uo>> stage	BLK	6503
	45	E8	EV_NODAT	256	0	4	0	-	Off	Test mode of Uo>> stage	INS	6504
	45	E9	EV_NODAT	512	0	4	0	-	On	Test mode of Uo>> stage	INS	6504
			Default mask=	15								
/* 100046 / Rev D ROV1Inst */												
	46	E0	EV_NODAT	1	1	0	0	F046O001	Reset	START signal from Uo>>> stage	STR	6600
	46	E1	EV_NODAT	2	1	0	0	F046O001	Activated	START signal from Uo>>> stage	STR	6600
	46	E2	EV_NODAT	4	1	1	0	F046O002	Reset	TRIP signal from Uo>>> stage	TRP	6601
	46	E3	EV_NODAT	8	1	1	0	F046O002	Activated	TRIP signal from Uo>>> stage	TRP	6601
	46	E4	EV_NODAT	16	0	2	0	F046I002	Reset	BS1 signal of Uo>>> stage	BLK	6602
	46	E5	EV_NODAT	32	0	2	0	F046I002	Activated	BS1 signal of Uo>>> stage	BLK	6602
	46	E6	EV_NODAT	64	0	3	0	F046I003	Reset	BS2 signal of Uo>>> stage	BLK	6603
	46	E7	EV_NODAT	128	0	3	0	F046I003	Activated	BS2 signal of Uo>>> stage	BLK	6603
	46	E8	EV_NODAT	256	0	4	0	-	Off	Test mode of Uo>>> stage	INS	6604
	46	E9	EV_NODAT	512	0	4	0	-	On	Test mode of Uo>>> stage	INS	6604
			Default mask=	15								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100047 / Rev E TOL3Cab */												
	47	E0	EV_NODAT	1	1	0	0	F047O001	Reset	START signal from TOL3Cab	STR	6700
	47	E1	EV_NODAT	2	1	0	0	F047O001	Activated	START signal from TOL3Cab	STR	6700
	47	E2	EV_NODAT	4	1	1	0	F047O002	Reset	TRIP signal from TOL3Cab	TRP	6701
	47	E3	EV_NODAT	8	1	1	0	F047O002	Activated	TRIP signal from TOL3Cab	TRP	6701
	47	E4	EV_NODAT	16	1	2	0	-	Reset	CBFP signal from TOL3Cab	ALA	6702
	47	E5	EV_NODAT	32	1	2	0	-	Activated	CBFP signal from TOL3Cab	ALA	6702
	47	E6	EV_NODAT	64	0	3	0	F047O003	Reset	Current alarm from TOL3Cab	ALA	6703
	47	E7	EV_NODAT	128	0	3	0	F047O003	Activated	Current alarm from TOL3Cab	ALA	6703
	47	E8	EV_NODAT	256	0	4	0	F047I010	Reset	BLOCK signal of TOL3Cab	BLK	6704
	47	E9	EV_NODAT	512	0	4	0	F047I010	Activated	BLOCK signal of TOL3Cab	BLK	6704
	47	E10	EV_FLOAT_1	1024	0	5	1	F047O005	-	Calculated temperature of the conductor	TMP	6705
	47	E11	EV_INT32_1	2048	0	6	0	F047O006	-	Cooling time for the successful reclosure	TIM	6706
	47	E12	EV_NODAT	4096	0	7	0	-	Off	Test mode of TOL3Cab	INS	6707
	47	E13	EV_NODAT	8192	0	7	0	-	On	Test mode of TOL3Cab	INS	6707
	47	E14	EV_NODAT	16384	0	8	0	F047O008	Reset	Sensor error signal from TOL3Cab	ALA	6708
	47	E15	EV_NODAT	32768	0	8	0	F047O008	Activated	Sensor error signal from TOL3Cab	ALA	6708
	47	E16	EV_INT32_1	65536	0	9	0	F047O007	-	Predicted trip time from TOL3Cab	TIM	6709
			Default mask=	63								
/* 100048 / Rev E TOL3Dev */												
	48	E0	EV_NODAT	1	1	0	0	F048O001	Reset	START signal from TOL3Dev	STR	6800
	48	E1	EV_NODAT	2	1	0	0	F048O001	Activated	START signal from TOL3Dev	STR	6800
	48	E2	EV_NODAT	4	1	1	0	F048O002	Reset	TRIP signal from TOL3Dev	TRP	6801
	48	E3	EV_NODAT	8	1	1	0	F048O002	Activated	TRIP signal from TOL3Dev	TRP	6801
	48	E4	EV_NODAT	16	1	2	0	-	Reset	CBFP signal from TOL3Dev	ALA	6802
	48	E5	EV_NODAT	32	1	2	0	-	Activated	CBFP signal from TOL3Dev	ALA	6802
	48	E6	EV_NODAT	64	0	3	0	F048I010	Reset	BLOCK signal of TOL3Dev	BLK	6803
	48	E7	EV_NODAT	128	0	3	0	F048I010	Activated	BLOCK signal of TOL3Dev	BLK	6803
	48	E8	EV_FLOAT	256	0	4	1	F048O003	-	Calculated temperature	TMP	6804
	48	E9	EV_INT32	512	0	5	0	F048O006	-	Cooling time for the successful restart	TIM	6805
	48	E10	EV_NODAT	1024	0	6	0	-	Off	Test mode of TOL3Dev	INS	6806
	48	E11	EV_NODAT	2048	0	6	0	-	On	Test mode of TOL3Dev	INS	6806
	48	E12	EV_NODAT	4096	0	7	0	F048O009	Reset	Sensor error signal from TOL3Dev	ALA	6807
	48	E13	EV_NODAT	8192	0	7	0	F048O009	Activated	Sensor error signal from TOL3Dev	ALA	6807
	48	E14	EV_NODAT	16384	1	8	0	-	Reset	START from TOL3Dev <= STATOR	STR	6808
	48	E15	EV_NODAT	32768	1	8	0	-	Activated	START from TOL3Dev <= STATOR	STR	6808
	48	E16	EV_NODAT	65536	1	9	0	-	Reset	TRIP from TOL3Dev <= STATOR	TRP	6809
	48	E17	EV_NODAT	131072	1	9	0	-	Activated	TRIP from TOL3Dev <= STATOR	TRP	6809
	48	E18	EV_NODAT	262144	1	10	0	-	Reset	START from TOL3Dev <= ROTOR	STR	6810
	48	E19	EV_NODAT	524288	1	10	0	-	Activated	START from TOL3Dev <= ROTOR	STR	6810
	48	E20	EV_NODAT	1048576	1	11	0	-	Reset	TRIP from TOL3Dev <= ROTOR	TRP	6811
	48	E21	EV_NODAT	2097152	1	11	0	-	Activated	TRIP from TOL3Dev <= ROTOR	TRP	6811
	48	E22	EV_INT32	4194304	0	12	0	F048O007	-	Predicted trip time from TOL3Dev	TIM	6812
			Default mask=	4177983								
/* 100051 / Rev D CUB3Low */												
	51	E0	EV_NODAT	1	1	0	0	F051O001	Reset	START signal from DI> stage	STR	7100
	51	E1	EV_NODAT	2	1	0	0	F051O001	Activated	START signal from DI> stage	STR	7100
	51	E2	EV_NODAT	4	1	1	0	F051O002	Reset	TRIP signal from DI> stage	TRP	7101
	51	E3	EV_NODAT	8	1	1	0	F051O002	Activated	TRIP signal from DI> stage	TRP	7101
	51	E4	EV_NODAT	16	1	2	0	F051O003	Reset	CBFP signal from DI> stage	ALA	7102
	51	E5	EV_NODAT	32	1	2	0	F051O003	Activated	CBFP signal from DI> stage	ALA	7102
	51	E6	EV_NODAT	64	0	3	0	F051I005	Reset	BS1 signal of DI> stage	BLK	7103
	51	E7	EV_NODAT	128	0	3	0	F051I005	Activated	BS1 signal of DI> stage	BLK	7103
	51	E8	EV_NODAT	256	0	4	0	F051I006	Reset	BS2 signal of DI> stage	BLK	7104
	51	E9	EV_NODAT	512	0	4	0	F051I006	Activated	BS2 signal of DI> stage	BLK	7104
	51	E10	EV_NODAT	1024	0	5	0	-	Off	Test mode of DI> stage	INS	7105
	51	E11	EV_NODAT	2048	0	5	0	-	On	Test mode of DI> stage	INS	7105
			Default mask=	63								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100052 / Rev A CUB3Cap */												
	52	E0	EV_3BIT_1	1	1	0	0	F052O001	Reset	START signal from CUB3Cap stage St1	STR	7200
	52	E1	EV_3BIT_1	2	1	0	0	F052O001	Activated	START signal from CUB3Cap stage St1	STR	7200
	52	E2	EV_3BIT_1	4	1	1	0	F052O002	Reset	TRIP signal from CUB3Cap stage St1	TRP	7201
	52	E3	EV_3BIT_1	8	1	1	0	F052O002	Activated	TRIP signal from CUB3Cap stage St1	TRP	7201
	52	E4	EV_3BIT_1	16	1	2	0	F052O003	Reset	CBFP signal from CUB3Cap	ALA	7202
	52	E5	EV_3BIT_1	32	1	2	0	F052O003	Activated	CBFP signal from CUB3Cap	ALA	7202
	52	E6	EV_3BIT_1	64	0	3	0	F052O004	Reset	ST_ALARM signal from CUB3Cap stage St2	STR	7203
	52	E7	EV_3BIT_1	128	0	3	0	F052O004	Activated	ST_ALARM signal from CUB3Cap stage St2	STR	7203
	52	E8	EV_3BIT_1	256	1	4	1	F052O005	Reset	ALARM signal from CUB3Cap stage St2	ALA	7204
	52	E9	EV_3BIT_1	512	1	4	0	F052O005	Activated	ALARM signal from CUB3Cap stage St2	ALA	7204
	52	E10	EV_NODAT	1024	0	5	0	F052I008	Reset	BS1 signal of CUB3Cap	BLK	7205
	52	E11	EV_NODAT	2048	0	5	0	F052I008	Activated	BS1 signal of CUB3Cap	BLK	7205
	52	E12	EV_NODAT	4096	0	6	0	F052I009	Reset	BS2 signal of CUB3Cap	BLK	7206
	52	E13	EV_NODAT	8192	0	6	0	F052I009	Activated	BS2 signal of CUB3Cap	BLK	7206
	52	E14	EV_NODAT	16384	0	7	0	-	Off	Test mode of CUB3Cap	INS	7207
	52	E15	EV_NODAT	32768	0	7	0	-	On	Test mode of CUB3Cap	INS	7207
			Default mask=	831								
/* 100054 / Rev G MotStart */												
	54	E0	EV_NODAT	1	1	0	0	F054O001	Reset	START signal from MotStart	STR	7400
	54	E1	EV_NODAT	2	1	0	0	F054O001	Activated	START signal from MotStart	STR	7400
	54	E2	EV_NODAT	4	1	1	0	F054O002	Reset	TRIP signal from MotStart	TRP	7401
	54	E3	EV_NODAT	8	1	1	0	F054O002	Activated	TRIP signal from MotStart	TRP	7401
	54	E4	EV_NODAT	16	1	2	0	F054O003	Reset	STALL signal from MotStart	STL	7402
	54	E5	EV_NODAT	32	1	2	0	F054O003	Activated	STALL signal from MotStart	STL	7402
	54	E6	EV_NODAT	64	0	3	0	-	Off	Test mode of MotStart	INS	7403
	54	E7	EV_NODAT	128	0	3	0	-	On	Test mode of MotStart	INS	7403
			Default mask=	63								
/* 100058 / Rev A FLOC */												
	58	E0	EV_FLOAT	1	0	0	0	F058O004	Reset	Fault detected (Fault loop X)	INS	7800
	58	E1	EV_FLOAT	2	1	0	0	F058O004	Activated	Fault detected (Fault loop X)	INS	7800
	58	E2	EV_FLOAT	4	0	1	0	F058S017	Reset	RL0F and XC0F recalculated	INS	7801
	58	E3	EV_FLOAT	8	1	1	0	F058S017	Activated	RL0F and XC0F recalculated	INS	7801
	58	E4	EV_INT16	16	0	2	0	F058O001	Reset	Fault alarm (Fault loop)	ALA	7802
	58	E5	EV_INT16	32	1	2	0	F058O001	Activated	Fault alarm (Fault loop)	ALA	7802
	58	E6	EV_NODAT	64	0	3	0	F058I007	Reset	BLOCK signal	BLK	7803
	58	E7	EV_NODAT	128	0	3	0	F058I007	Activated	BLOCK signal	BLK	7803
			Default mask=	42								
/* 100062 / Rev E OV3Low */												
	62	E0	EV_3BIT_2	1	1	0	0	F062O001	Reset	START signal from 3U> stage	STR	8200
	62	E1	EV_3BIT_2	2	1	0	0	F062O001	Activated	START signal from 3U> stage	STR	8200
	62	E2	EV_3BIT_2	4	1	1	0	F062O002	Reset	TRIP signal from 3U> stage	TRP	8201
	62	E3	EV_3BIT_2	8	1	1	0	F062O002	Activated	TRIP signal from 3U> stage	TRP	8201
	62	E4	EV_NODAT	16	0	2	0	F062I004	Reset	BS1 signal of 3U> stage	BLK	8202
	62	E5	EV_NODAT	32	0	2	0	F062I004	Activated	BS1 signal of 3U> stage	BLK	8202
	62	E6	EV_NODAT	64	0	3	0	F062I005	Reset	BS2 signal of 3U> stage	BLK	8203
	62	E7	EV_NODAT	128	0	3	0	F062I005	Activated	BS2 signal of 3U> stage	BLK	8203
	62	E8	EV_NODAT	256	0	4	0	-	Off	Test mode of 3U> stage	INS	8204
	62	E9	EV_NODAT	512	0	4	0	-	On	Test mode of 3U> stage	INS	8204
			Default mask=	15								
/* 100063 / Rev D OV3High */												
	63	E0	EV_3BIT_2	1	1	0	0	F063O001	Reset	START signal from 3U>> stage	STR	8300
	63	E1	EV_3BIT_2	2	1	0	0	F063O001	Activated	START signal from 3U>> stage	STR	8300
	63	E2	EV_3BIT_2	4	1	1	0	F063O002	Reset	TRIP signal from 3U>> stage	TRP	8301
	63	E3	EV_3BIT_2	8	1	1	0	F063O002	Activated	TRIP signal from 3U>> stage	TRP	8301
	63	E4	EV_NODAT	16	0	2	0	F063I004	Reset	BS1 signal of 3U>> stage	BLK	8302
	63	E5	EV_NODAT	32	0	2	0	F063I004	Activated	BS1 signal of 3U>> stage	BLK	8302
	63	E6	EV_NODAT	64	0	3	0	F063I005	Reset	BS2 signal of 3U>> stage	BLK	8303
	63	E7	EV_NODAT	128	0	3	0	F063I005	Activated	BS2 signal of 3U>> stage	BLK	8303
	63	E8	EV_NODAT	256	0	4	0	-	Off	Test mode of 3U>> stage	INS	8304
	63	E9	EV_NODAT	512	0	4	0	-	On	Test mode of 3U>> stage	INS	8304
			Default mask=	15								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100064 / Rev D UV3Low */												
	64	E0	EV_3BIT_2	1	1	0	0	F064O001	Reset	START signal from 3U< stage	STR	8400
	64	E1	EV_3BIT_2	2	1	0	0	F064O001	Activated	START signal from 3U< stage	STR	8400
	64	E2	EV_3BIT_2	4	1	1	0	F064O002	Reset	TRIP signal from 3U< stage	TRP	8401
	64	E3	EV_3BIT_2	8	1	1	0	F064O002	Activated	TRIP signal from 3U< stage	TRP	8401
	64	E4	EV_NODAT	16	0	2	0	F064I004	Reset	BS1 signal of 3U< stage	BLK	8402
	64	E5	EV_NODAT	32	0	2	0	F064I004	Activated	BS1 signal of 3U< stage	BLK	8402
	64	E6	EV_NODAT	64	0	3	0	F064I005	Reset	BS2 signal of 3U< stage	BLK	8403
	64	E7	EV_NODAT	128	0	3	0	F064I005	Activated	BS2 signal of 3U< stage	BLK	8403
	64	E8	EV_NODAT	256	0	4	0	-	Off	Test mode of 3U< stage	INS	8404
	64	E9	EV_NODAT	512	0	4	0	-	On	Test mode of 3U< stage	INS	8404
			Default mask=	15								
/* 100065 / Rev D UV3High */												
	65	E0	EV_3BIT_2	1	1	0	0	F065O001	Reset	START signal from 3U<< stage	STR	8500
	65	E1	EV_3BIT_2	2	1	0	0	F065O001	Activated	START signal from 3U<< stage	STR	8500
	65	E2	EV_3BIT_2	4	1	1	0	F065O002	Reset	TRIP signal from 3U<< stage	TRP	8501
	65	E3	EV_3BIT_2	8	1	1	0	F065O002	Activated	TRIP signal from 3U<< stage	TRP	8501
	65	E4	EV_NODAT	16	0	2	0	F065I004	Reset	BS1 signal of 3U<< stage	BLK	8502
	65	E5	EV_NODAT	32	0	2	0	F065I004	Activated	BS1 signal of 3U<< stage	BLK	8502
	65	E6	EV_NODAT	64	0	3	0	F065I005	Reset	BS2 signal of 3U<< stage	BLK	8503
	65	E7	EV_NODAT	128	0	3	0	F065I005	Activated	BS2 signal of 3U<< stage	BLK	8503
	65	E8	EV_NODAT	256	0	4	0	-	Off	Test mode of 3U<< stage	INS	8504
	65	E9	EV_NODAT	512	0	4	0	-	On	Test mode of 3U<< stage	INS	8504
			Default mask=	15								
/* 100070 / Rev K SCVCSt1 */												
	70	E0	EV_NODAT	1	1	0	0	F070O001	Reset	Synchro-check in progress	ALA	9000
	70	E1	EV_NODAT	2	1	0	0	F070O001	Activated	Synchro-check in progress	ALA	9000
	70	E2	EV_NODAT	4	1	1	0	F070O002	Reset	Closing permission given	ALA	9001
	70	E3	EV_NODAT	8	1	1	0	F070O002	Activated	Closing permission given	ALA	9001
	70	E4	EV_NODAT	16	1	2	0	F070O003	Reset	Alarm; CB closing failed	ALA	9002
	70	E5	EV_NODAT	32	1	2	0	F070O003	Activated	Alarm; CB closing failed	ALA	9002
	70	E6	EV_NODAT	64	1	3	0	F070O004	Reset	Alarm; command signal too long	ALA	9003
	70	E7	EV_NODAT	128	1	3	0	F070O004	Activated	Alarm; command signal too long	ALA	9003
			Default mask=	255								
/* 100071 / Rev H SCVCSt2 */												
	71	E0	EV_NODAT	1	1	0	0	F071O001	Reset	Synchro-check in progress	ALA	9100
	71	E1	EV_NODAT	2	1	0	0	F071O001	Activated	Synchro-check in progress	ALA	9100
	71	E2	EV_NODAT	4	1	1	0	F071O002	Reset	Closing permission given	ALA	9101
	71	E3	EV_NODAT	8	1	1	0	F071O002	Activated	Closing permission given	ALA	9101
	71	E4	EV_NODAT	16	1	2	0	F071O003	Reset	Alarm; CB closing failed	ALA	9102
	71	E5	EV_NODAT	32	1	2	0	F071O003	Activated	Alarm; CB closing failed	ALA	9102
	71	E6	EV_NODAT	64	1	3	0	F071O004	Reset	Alarm; command signal too long	ALA	9103
	71	E7	EV_NODAT	128	1	3	0	F071O004	Activated	Alarm; command signal too long	ALA	9103
			Default mask=	255								
/* 100072 / Rev G Freq1St1 */												
	72	E0	EV_NODAT	1	1	0	0	F072O001	Reset	START1 signal from f>,f< St1	STR	9200
	72	E1	EV_NODAT	2	1	0	0	F072O001	Activated	START1 signal from f>,f< St1	STR	9200
	72	E2	EV_NODAT	4	1	1	0	F072O002	Reset	TRIP1 signal from f>,f< St1	TRP	9201
	72	E3	EV_NODAT	8	1	1	0	F072O002	Activated	TRIP1 signal from f>,f< St1	TRP	9201
	72	E4	EV_NODAT	16	1	2	0	F072O003	Reset	START2 signal from f>,f< St1	STR	9202
	72	E5	EV_NODAT	32	1	2	0	F072O003	Activated	START2 signal from f>,f< St1	STR	9202
	72	E6	EV_NODAT	64	1	3	0	F072O004	Reset	TRIP2 signal from f>,f< St1	TRP	9203
	72	E7	EV_NODAT	128	1	3	0	F072O004	Activated	TRIP2 signal from f>,f< St1	TRP	9203
	72	E8	EV_NODAT	256	0	4	0	F072I004	Reset	BS1 signal of f>,f< St1	BLK	9204
	72	E9	EV_NODAT	512	0	4	0	F072I004	Activated	BS1 signal of f>,f< St1	BLK	9204
	72	E10	EV_NODAT	1024	0	5	0	F072I005	Reset	BS2 signal of f>,f< St1	BLK	9205
	72	E11	EV_NODAT	2048	0	5	0	F072I005	Activated	BS2 signal of f>,f< St1	BLK	9205
	72	E12	EV_NODAT	4096	0	6	0	-	Off	Test mode of f>,f< St1	INS	9206
	72	E13	EV_NODAT	8192	0	6	0	-	On	Test mode of f>,f< St1	INS	9206
			Default mask=	255								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100073 / Rev G Freq1St2 */												
	73	E0	EV_NODAT	1	1	0	0	F073O001	Reset	START1 signal from f>,f< St2	STR	9300
	73	E1	EV_NODAT	2	1	0	0	F073O001	Activated	START1 signal from f>,f< St2	STR	9300
	73	E2	EV_NODAT	4	1	1	0	F073O002	Reset	TRIP1 signal from f>,f< St2	TRP	9301
	73	E3	EV_NODAT	8	1	1	0	F073O002	Activated	TRIP1 signal from f>,f< St2	TRP	9301
	73	E4	EV_NODAT	16	1	2	0	F073O003	Reset	START2 signal from f>,f< St2	STR	9302
	73	E5	EV_NODAT	32	1	2	0	F073O003	Activated	START2 signal from f>,f< St2	STR	9302
	73	E6	EV_NODAT	64	1	3	0	F073O004	Reset	TRIP2 signal from f>,f< St2	TRP	9303
	73	E7	EV_NODAT	128	1	3	0	F073O004	Activated	TRIP2 signal from f>,f< St2	TRP	9303
	73	E8	EV_NODAT	256	0	4	0	F073I004	Reset	BS1 signal of f>,f< St2	BLK	9304
	73	E9	EV_NODAT	512	0	4	0	F073I004	Activated	BS1 signal of f>,f< St2	BLK	9304
	73	E10	EV_NODAT	1024	0	5	0	F073I005	Reset	BS2 signal of f>,f< St2	BLK	9305
	73	E11	EV_NODAT	2048	0	5	0	F073I005	Activated	BS2 signal of f>,f< St2	BLK	9305
	73	E12	EV_NODAT	4096	0	6	0	-	Off	Test mode of f>,f< St2	INS	9306
	73	E13	EV_NODAT	8192	0	6	0	-	On	Test mode of f>,f< St2	INS	9306
			Default mask=	255								
/* 100074 / Rev G Freq1St3 */												
	74	E0	EV_NODAT	1	1	0	0	F074O001	Reset	START1 signal from f>,f< St3	STR	9400
	74	E1	EV_NODAT	2	1	0	0	F074O001	Activated	START1 signal from f>,f< St3	STR	9400
	74	E2	EV_NODAT	4	1	1	0	F074O002	Reset	TRIP1 signal from f>,f< St3	TRP	9401
	74	E3	EV_NODAT	8	1	1	0	F074O002	Activated	TRIP1 signal from f>,f< St3	TRP	9401
	74	E4	EV_NODAT	16	1	2	0	F074O003	Reset	START2 signal from f>,f< St3	STR	9402
	74	E5	EV_NODAT	32	1	2	0	F074O003	Activated	START2 signal from f>,f< St3	STR	9402
	74	E6	EV_NODAT	64	1	3	0	F074O004	Reset	TRIP2 signal from f>,f< St3	TRP	9403
	74	E7	EV_NODAT	128	1	3	0	F074O004	Activated	TRIP2 signal from f>,f< St3	TRP	9403
	74	E8	EV_NODAT	256	0	4	0	F074I004	Reset	BS1 signal of f>,f< St3	BLK	9404
	74	E9	EV_NODAT	512	0	4	0	F074I004	Activated	BS1 signal of f>,f< St3	BLK	9404
	74	E10	EV_NODAT	1024	0	5	0	F074I005	Reset	BS2 signal of f>,f< St3	BLK	9405
	74	E11	EV_NODAT	2048	0	5	0	F074I005	Activated	BS2 signal of f>,f< St3	BLK	9405
	74	E12	EV_NODAT	4096	0	6	0	-	Off	Test mode of f>,f< St3	INS	9406
	74	E13	EV_NODAT	8192	0	6	0	-	On	Test mode of f>,f< St3	INS	9406
			Default mask=	255								
/* 100075 / Rev G Freq1St4 */												
	75	E0	EV_NODAT	1	1	0	0	F075O001	Reset	START1 signal from f>,f< St4	STR	9500
	75	E1	EV_NODAT	2	1	0	0	F075O001	Activated	START1 signal from f>,f< St4	STR	9500
	75	E2	EV_NODAT	4	1	1	0	F075O002	Reset	TRIP1 signal from f>,f< St4	TRP	9501
	75	E3	EV_NODAT	8	1	1	0	F075O002	Activated	TRIP1 signal from f>,f< St4	TRP	9501
	75	E4	EV_NODAT	16	1	2	0	F075O003	Reset	START2 signal from f>,f< St4	STR	9502
	75	E5	EV_NODAT	32	1	2	0	F075O003	Activated	START2 signal from f>,f< St4	STR	9502
	75	E6	EV_NODAT	64	1	3	0	F075O004	Reset	TRIP2 signal from f>,f< St4	TRP	9503
	75	E7	EV_NODAT	128	1	3	0	F075O004	Activated	TRIP2 signal from f>,f< St4	TRP	9503
	75	E8	EV_NODAT	256	0	4	0	F075I004	Reset	BS1 signal of f>,f< St4	BLK	9504
	75	E9	EV_NODAT	512	0	4	0	F075I004	Activated	BS1 signal of f>,f< St4	BLK	9504
	75	E10	EV_NODAT	1024	0	5	0	F075I005	Reset	BS2 signal of f>,f< St4	BLK	9505
	75	E11	EV_NODAT	2048	0	5	0	F075I005	Activated	BS2 signal of f>,f< St4	BLK	9505
	75	E12	EV_NODAT	4096	0	6	0	-	Off	Test mode of f>,f< St4	INS	9506
	75	E13	EV_NODAT	8192	0	6	0	-	On	Test mode of f>,f< St4	INS	9506
			Default mask=	255								
/* 100076 / Rev G Freq1St5 */												
	76	E0	EV_NODAT	1	1	0	0	F076O001	Reset	START1 signal from f>,f< St5	STR	9600
	76	E1	EV_NODAT	2	1	0	0	F076O001	Activated	START1 signal from f>,f< St5	STR	9600
	76	E2	EV_NODAT	4	1	1	0	F076O002	Reset	TRIP1 signal from f>,f< St5	TRP	9601
	76	E3	EV_NODAT	8	1	1	0	F076O002	Activated	TRIP1 signal from f>,f< St5	TRP	9601
	76	E4	EV_NODAT	16	1	2	0	F076O003	Reset	START2 signal from f>,f< St5	STR	9602
	76	E5	EV_NODAT	32	1	2	0	F076O003	Activated	START2 signal from f>,f< St5	STR	9602
	76	E6	EV_NODAT	64	1	3	0	F076O004	Reset	TRIP2 signal from f>,f< St5	TRP	9603
	76	E7	EV_NODAT	128	1	3	0	F076O004	Activated	TRIP2 signal from f>,f< St5	TRP	9603
	76	E8	EV_NODAT	256	0	4	0	F076I004	Reset	BS1 signal of f>,f< St5	BLK	9604
	76	E9	EV_NODAT	512	0	4	0	F076I004	Activated	BS1 signal of f>,f< St5	BLK	9604
	76	E10	EV_NODAT	1024	0	5	0	F076I005	Reset	BS2 signal of f>,f< St5	BLK	9605
	76	E11	EV_NODAT	2048	0	5	0	F076I005	Activated	BS2 signal of f>,f< St5	BLK	9605
	76	E12	EV_NODAT	4096	0	6	0	-	Off	Test mode of f>,f< St5	INS	9606
	76	E13	EV_NODAT	8192	0	6	0	-	On	Test mode of f>,f< St5	INS	9606
			Default mask=	255								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100080 / Rev D AR5Func */												
	80	E0	EV_NODAT	1	1	0	0	-	End	Auto-reclosing sequence	ARC	10000
	80	E1	EV_NODAT	2	1	0	0	-	Started	Auto-reclosing sequence	ARC	10000
	80	E2	EV_1BIT	4	0	1	0	-	-	AR (shots 1...5) initiated by AR1	ARC	10001
	80	E3	EV_1BIT	8	0	2	0	-	-	AR (shots 1...5) initiated by AR2	ARC	10002
	80	E4	EV_1BIT	16	0	3	0	-	-	AR (shots 1...5) initiated by AR3	ARC	10003
	80	E5	EV_1BIT	32	0	4	0	-	-	AR (shots 1...5) initiated by AR4	ARC	10004
	80	E6	EV_NODAT	64	1	5	0	-	Reset	DEF.TRIP alarm	TRP	10005
	80	E7	EV_NODAT	128	1	5	0	-	Activated	DEF.TRIP alarm	TRP	10005
	80	E8	EV_1BIT	256	0	6	0	-	-	DEF.TRIP alarm activated by AR1	TRP	10006
	80	E9	EV_1BIT	512	0	7	0	-	-	DEF.TRIP alarm activated by AR2	TRP	10007
	80	E10	EV_1BIT	1024	0	8	0	-	-	DEF.TRIP alarm activated by AR3	TRP	10008
	80	E11	EV_1BIT	2048	0	9	0	-	-	DEF.TRIP alarm activated by AR4	TRP	10009
	80	E12	EV_1BIT	4096	0	10	0	-	-	AR sequence successful	ARC	10010
	80	E13	EV_1BIT	8192	0	11	0	-	-	AR sequence initiated by AR1 successful	ARC	10011
	80	E14	EV_1BIT	16384	0	12	0	-	-	AR sequence initiated by AR2 successful	ARC	10012
	80	E15	EV_1BIT	32768	0	13	0	-	-	AR sequence initiated by AR3 successful	ARC	10013
	80	E16	EV_1BIT	65536	0	14	0	-	-	AR sequence initiated by AR4 successful	ARC	10014
	80	E17	EV_1BIT	131072	0	15	0	-	-	Forced shot increment by the signal SHOT_INC	ARC	10015
	80	E18	EV_NODAT	262144	1	16	0	-	Open	Breaker position	POS	10016
	80	E19	EV_NODAT	524288	1	16	0	-	Close	Breaker position	POS	10016
	80	E20	EV_NODAT	1048576	1	17	0	-	Open	Manual/remote CB control	INS	10017
	80	E21	EV_NODAT	2097152	1	17	0	-	Close	Manual/remote CB control	INS	10017
	80	E22	EV_NODAT	4194304	0	18	0	F080O001	Reset	OPEN output	INS	10018
	80	E23	EV_NODAT	8388608	0	18	0	F080O001	Activated	OPEN output	INS	10018
	80	E24	EV_NODAT	16777216	0	19	0	F080O002	Reset	CLOSE output	INS	10019
	80	E25	EV_NODAT	33554432	0	19	0	F080O002	Activated	CLOSE output	INS	10019
	80	E26	EV_1BIT	67108864	1	20	0	-	-	CB opening failed via auto-recloser	INS	10020
	80	E27	EV_1BIT	134217728	1	21	0	-	-	CB closing failed via auto-recloser	INS	10021
	80	E28	EV_1BIT	268435456	1	22	0	-	-	CB closing inhibited	INH	10022
	80	E29	EV_1BIT	536870912	1	23	0	-	-	Attempt to execute without open/close selection	INS	10023
	80	E30	EV_NODAT	1073741824	1	24	0	-	Reset	Maintenance monitor alarm	ALA	10024
	80	E31	EV_NODAT	2147483648	1	24	0	-	Activated	Maintenance monitor alarm	ALA	10024
			Default mask=	4231790946								
	80	E32	EV_NODAT	1	1	26	0	-	Reset	Initiation signal AR1...4 activated >2 min	INS	10026
	80	E33	EV_NODAT	2	1	26	0	-	Activated	Initiation signal AR1...4 activated >2 min	INS	10026
	80	E34	EV_NODAT	4	1	27	1	F080S004	Not in use	Auto-reclosure	INS	10027
	80	E35	EV_NODAT	8	1	27	0	F080S004	In use	Auto-reclosure	INS	10027
	80	E36	EV_1BIT	16	1	28	0	-	-	AR interrupted by the signal ARINH	INS	10028
	80	E37	EV_1BIT	32	1	29	0	-	-	AR interrupted by CB close during the sequence	INS	10029
	80	E38	EV_1BIT	64	1	30	0	-	-	AR interrupted by CB open during the sequence	INS	10030
	80	E39	EV_1BIT	128	0	31	0	-	-	AR interrupted by Frequent Operation Counter	INS	10031
	80	E40	EV_NODAT	256	0	32	0	F080O016	Elapsed	Discriminating time td	INS	10032
	80	E41	EV_NODAT	512	0	32	0	F080O016	Started	Discriminating time td	INS	10032
	80	E42	EV_NODAT	1024	0	33	0	-	Elapsed	Reclaim time tr	INS	10033
	80	E43	EV_NODAT	2048	0	33	0	-	Started or restarted	Reclaim time tr	INS	10033
	80	E44	EV_NODAT	4096	0	34	0	F080O014	Reset	LOCKOUT	INS	10034
	80	E45	EV_NODAT	8192	0	34	0	F080O014	Activated	LOCKOUT	INS	10034
			Default mask=	127								
/* 100080 / Rev D AR5Func */												
	81	E0	EV_NODAT	1	0	0	0	-	Concluded	Auto-reclose shot 1	ARC	10100
	81	E1	EV_NODAT	2	1	0	0	-	In progress	Auto-reclose shot 1	ARC	10100
	81	E2	EV_1BIT	4	0	1	0	-	-	AR shot 1 initiated via AR1	ARC	10101
	81	E3	EV_1BIT	8	0	2	0	-	-	AR shot 1 initiated via AR2	ARC	10102
	81	E4	EV_1BIT	16	0	3	0	-	-	AR shot 1 initiated via AR3	ARC	10103
	81	E5	EV_1BIT	32	0	4	0	-	-	AR shot 1 initiated via AR4	ARC	10104
	81	E6	EV_1BIT	64	0	5	0	-	-	AR shot 1 successful	ARC	10105
			Default mask=	2								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100080 / Rev D AR5Func */												
	82	E0	EV_NODAT	1	0	0	0	-	Concluded	Auto-reclose shot 2	ARC	10200
	82	E1	EV_NODAT	2	1	0	0	-	In progress	Auto-reclose shot 2	ARC	10200
	82	E2	EV_1BIT	4	0	1	0	-	-	AR shot 2 initiated via AR1	ARC	10201
	82	E3	EV_1BIT	8	0	2	0	-	-	AR shot 2 initiated via AR2	ARC	10202
	82	E4	EV_1BIT	16	0	3	0	-	-	AR shot 2 initiated via AR3	ARC	10203
	82	E5	EV_1BIT	32	0	4	0	-	-	AR shot 2 initiated via AR4	ARC	10204
	82	E6	EV_1BIT	64	0	5	0	-	-	AR shot 2 successful	ARC	10205
			Default mask=	4227858467								
/* 100080 / Rev D AR5Func */												
	83	E0	EV_NODAT	1	0	0	0	-	Concluded	Auto-reclose shot 3	ARC	10300
	83	E1	EV_NODAT	2	1	0	0	-	In progress	Auto-reclose shot 3	ARC	10300
	83	E2	EV_1BIT	4	0	1	0	-	-	AR shot 3 initiated via AR1	ARC	10301
	83	E3	EV_1BIT	8	0	2	0	-	-	AR shot 3 initiated via AR2	ARC	10302
	83	E4	EV_1BIT	16	0	3	0	-	-	AR shot 3 initiated via AR3	ARC	10303
	83	E5	EV_1BIT	32	0	4	0	-	-	AR shot 3 initiated via AR4	ARC	10304
	83	E6	EV_1BIT	64	0	5	0	-	-	AR shot 3 successful	ARC	10305
			Default mask=	4								
/* 100080 / Rev D AR5Func */												
	84	E0	EV_NODAT	1	0	0	0	-	Concluded	Auto-reclose shot 4	ARC	10400
	84	E1	EV_NODAT	2	1	0	0	-	In progress	Auto-reclose shot 4	ARC	10400
	84	E2	EV_1BIT	4	0	1	0	-	-	AR shot 4 initiated via AR1	ARC	10401
	84	E3	EV_1BIT	8	0	2	0	-	-	AR shot 4 initiated via AR2	ARC	10402
	84	E4	EV_1BIT	16	0	3	0	-	-	AR shot 4 initiated via AR3	ARC	10403
	84	E5	EV_1BIT	32	0	4	0	-	-	AR shot 4 initiated via AR4	ARC	10404
	84	E6	EV_1BIT	64	0	5	0	-	-	AR shot 4 successful	ARC	10405
			Default mask=	135								
/* 100080 / Rev D AR5Func */												
	85	E0	EV_NODAT	1	0	0	0	-	Concluded	Auto-reclose shot 5	ARC	10500
	85	E1	EV_NODAT	2	1	0	0	-	In progress	Auto-reclose shot 5	ARC	10500
	85	E2	EV_1BIT	4	0	1	0	-	-	AR shot 5 initiated via AR1	ARC	10501
	85	E3	EV_1BIT	8	0	2	0	-	-	AR shot 5 initiated via AR2	ARC	10502
	85	E4	EV_1BIT	16	0	3	0	-	-	AR shot 5 initiated via AR3	ARC	10503
	85	E5	EV_1BIT	32	0	4	0	-	-	AR shot 5 initiated via AR4	ARC	10504
	85	E6	EV_1BIT	64	0	5	0	-	-	AR shot 5 successful	ARC	10505
			Default mask=	6								
/* 100080 / Rev D AR5Func */												
	86	E0	EV_1BIT	1	1	0	0	-	-	Final trip	TRP	10600
	86	E1	EV_1BIT	2	0	1	0	-	-	Final trip via AR1	ARC	10601
	86	E2	EV_1BIT	4	0	2	0	-	-	Final trip via AR2	ARC	10602
	86	E3	EV_1BIT	8	0	3	0	-	-	Final trip via AR3	ARC	10603
	86	E4	EV_1BIT	16	0	4	0	-	-	Final trip via AR4	ARC	10604
			Default mask=	1								
/* 100090 / Rev D NEF1Inst */												
	90	E0	EV_NODAT	1	1	0	0	F090O001	Reset	START signal from Io>>> stage	STR	11000
	90	E1	EV_NODAT	2	1	0	0	F090O001	Activated	START signal from Io>>> stage	STR	11000
	90	E2	EV_NODAT	4	1	1	0	F090O002	Reset	TRIP signal from Io>>> stage	TRP	11001
	90	E3	EV_NODAT	8	1	1	0	F090O002	Activated	TRIP signal from Io>>> stage	TRP	11001
	90	E4	EV_NODAT	16	1	2	0	F090O003	Reset	CBFP signal from Io>>> stage	ALA	11002
	90	E5	EV_NODAT	32	1	2	0	F090O003	Activated	CBFP signal from Io>>> stage	ALA	11002
	90	E6	EV_NODAT	64	0	3	0	F090I002	Reset	BS1 signal of Io>>> stage	BLK	11003
	90	E7	EV_NODAT	128	0	3	0	F090I002	Activated	BS1 signal of Io>>> stage	BLK	11003
	90	E8	EV_NODAT	256	0	4	0	F090I003	Reset	BS2 signal of Io>>> stage	BLK	11004
	90	E9	EV_NODAT	512	0	4	0	F090I003	Activated	BS2 signal of Io>>> stage	BLK	11004
	90	E10	EV_NODAT	1024	0	5	0	-	Off	Test mode of Io>>> stage	INS	11005
	90	E11	EV_NODAT	2048	0	5	0	-	On	Test mode of Io>>> stage	INS	11005
			Default mask=	63								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100112 / Rev D PSV3St1 */												
	112	E0	EV_NODAT	1	1	0	0	F112O001	Reset	PSV3St1 START U2>	STR	13200
	112	E1	EV_NODAT	2	1	0	0	F112O001	Activated	PSV3St1 START U2>	STR	13200
	112	E2	EV_NODAT	4	1	1	0	F112O001	Reset	PSV3St1 START U1<	STR	13201
	112	E3	EV_NODAT	8	1	1	0	F112O001	Activated	PSV3St1 START U1<	STR	13201
	112	E4	EV_NODAT	16	1	2	0	F112O001	Reset	PSV3St1 START U1>	STR	13202
	112	E5	EV_NODAT	32	1	2	0	F112O001	Activated	PSV3St1 START U1>	STR	13202
	112	E6	EV_NODAT	64	1	3	0	F112O002	Reset	PSV3St1 TRIP U2>	TRP	13203
	112	E7	EV_NODAT	128	1	3	0	F112O002	Activated	PSV3St1 TRIP U2>	TRP	13203
	112	E8	EV_NODAT	256	1	4	0	F112O002	Reset	PSV3St1 TRIP U1<	TRP	13204
	112	E9	EV_NODAT	512	1	4	0	F112O002	Activated	PSV3St1 TRIP U1<	TRP	13204
	112	E10	EV_NODAT	1024	1	5	0	F112O002	Reset	PSV3St1 TRIP U1>	TRP	13205
	112	E11	EV_NODAT	2048	1	5	0	F112O002	Activated	PSV3St1 TRIP U1>	TRP	13205
	112	E12	EV_NODAT	4096	0	6	0	F112I004	Reset	PSV3St1 BLOCK	BLK	13206
	112	E13	EV_NODAT	8192	0	6	0	F112I004	Activated	PSV3St1 BLOCK	BLK	13206
	112	E14	EV_NODAT	16384	0	7	0	-	Off	Test mode of PSV3St1	INS	13207
	112	E15	EV_NODAT	32768	0	7	0	-	On	Test mode of PSV3St1	INS	13207
			Default mask=	4095								
/* 100113 / Rev D PSV3St2 */												
	113	E0	EV_NODAT	1	1	0	0	F113O001	Reset	PSV3St2 START U2>	STR	13300
	113	E1	EV_NODAT	2	1	0	0	F113O001	Activated	PSV3St2 START U2>	STR	13300
	113	E2	EV_NODAT	4	1	1	0	F113O001	Reset	PSV3St2 START U1<	STR	13301
	113	E3	EV_NODAT	8	1	1	0	F113O001	Activated	PSV3St2 START U1<	STR	13301
	113	E4	EV_NODAT	16	1	2	0	F113O001	Reset	PSV3St2 START U1>	STR	13302
	113	E5	EV_NODAT	32	1	2	0	F113O001	Activated	PSV3St2 START U1>	STR	13302
	113	E6	EV_NODAT	64	1	3	0	F113O002	Reset	PSV3St2 TRIP U2>	TRP	13303
	113	E7	EV_NODAT	128	1	3	0	F113O002	Activated	PSV3St2 TRIP U2>	TRP	13303
	113	E8	EV_NODAT	256	1	4	0	F113O002	Reset	PSV3St2 TRIP U1<	TRP	13304
	113	E9	EV_NODAT	512	1	4	0	F113O002	Activated	PSV3St2 TRIP U1<	TRP	13304
	113	E10	EV_NODAT	1024	1	5	0	F113O002	Reset	PSV3St2 TRIP U1>	TRP	13305
	113	E11	EV_NODAT	2048	1	5	0	F113O002	Activated	PSV3St2 TRIP U1>	TRP	13305
	113	E12	EV_NODAT	4096	0	6	0	F113I004	Reset	PSV3St2 BLOCK	BLK	13306
	113	E13	EV_NODAT	8192	0	6	0	F113I004	Activated	PSV3St2 BLOCK	BLK	13306
	113	E14	EV_NODAT	16384	0	7	0	-	Off	Test mode of PSV3St2	INS	13307
	113	E15	EV_NODAT	32768	0	7	0	-	On	Test mode of PSV3St2	INS	13307
			Default mask=	4095								
/* 100116 / Rev C OL3Cap */												
	116	E0	EV_3BIT_1	1	1	0	0	F116O001	Reset	START signal from OL3Cap stage Ib>	STR	13600
	116	E1	EV_3BIT_1	2	1	0	0	F116O001	Activated	START signal from OL3Cap stage Ib>	STR	13600
	116	E2	EV_3BIT_1	4	1	1	0	F116O002	Reset	TRIP signal from OL3Cap stage	TRP	13601
	116	E3	EV_3BIT_1	8	1	1	0	F116O002	Activated	TRIP signal from OL3Cap stage	TRP	13601
	116	E4	EV_3BIT_1	16	1	2	0	F116O003	Reset	CBFP signal from OL3Cap stage	ALA	13602
	116	E5	EV_3BIT_1	32	1	2	0	F116O003	Activated	CBFP signal from OL3Cap stage	ALA	13602
	116	E6	EV_3BIT_1	64	0	3	0	F116O004	Reset	START signal from OL3Cap stage Ia>	STR	13603
	116	E7	EV_3BIT_1	128	0	3	0	F116O004	Activated	START signal from OL3Cap stage Ia>	STR	13603
	116	E8	EV_3BIT_1	256	1	4	1	F116O005	Reset	ALARM signal from OL3Cap stage	ALA	13604
	116	E9	EV_3BIT_1	512	1	4	0	F116O005	Activated	ALARM signal from OL3Cap stage	ALA	13604
	116	E10	EV_NODAT	1024	0	5	0	F116O006	Reset	START signal from OL3Cap stage I<	STR	13605
	116	E11	EV_NODAT	2048	0	5	0	F116O006	Activated	START signal from OL3Cap stage I<	STR	13605
	116	E12	EV_NODAT	4096	0	6	0	F116O007	Reset	TRIP signal from OL3Cap stage I<	TRP	13606
	116	E13	EV_NODAT	8192	0	6	0	F116O007	Activated	TRIP signal from OL3Cap stage I<	TRP	13606
	116	E14	EV_NODAT	16384	1	7	0	F116O008	Reset	Reconnection inhibit signal of OL3Cap stage	INH	13607
	116	E15	EV_NODAT	32768	1	7	0	F116O008	Activated	Reconnection inhibit signal of OL3Cap stage	INH	13607
	116	E16	EV_NODAT	65536	0	8	0	F116I004	Reset	BS1 signal of OL3Cap stage	BLK	13608
	116	E17	EV_NODAT	131072	0	8	0	F116I004	Activated	BS1 signal of OL3Cap stage	BLK	13608
	116	E18	EV_NODAT	262144	0	9	0	F116I005	Reset	BS2 signal of OL3Cap stage	BLK	13609
	116	E19	EV_NODAT	524288	0	9	0	F116I005	Activated	BS2 signal of OL3Cap stage	BLK	13609
	116	E20	EV_NODAT	1048576	0	10	0	-	Off	Test mode of OL3Cap stage	INS	13610
	116	E21	EV_NODAT	2097152	0	10	0	-	On	Test mode of OL3Cap stage	INS	13610
			Default mask=	49983								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100117 / Rev C CUB1Cap */												
	117	E0	EV_NODAT	1	1	0	0	F117O001	Reset	START signal from CUB1Cap dI1 stage	STR	13700
	117	E1	EV_NODAT	2	1	0	0	F117O001	Activated	START signal from CUB1Cap dI1 stage	STR	13700
	117	E2	EV_NODAT	4	1	1	0	F117O002	Reset	TRIP signal from CUB1Cap dI1 stage	TRP	13701
	117	E3	EV_NODAT	8	1	1	0	F117O002	Activated	TRIP signal from CUB1Cap dI1 stage	TRP	13701
	117	E4	EV_NODAT	16	1	2	0	F117O003	Reset	CBFP signal from CUB1Cap	ALA	13702
	117	E5	EV_NODAT	32	1	2	0	F117O003	Activated	CBFP signal from CUB1Cap	ALA	13702
	117	E6	EV_NODAT	64	0	3	0	F117O004	Reset	ST_ALARM signal from CUB1Cap dI2 stage	STR	13703
	117	E7	EV_NODAT	128	0	3	0	F117O004	Activated	ST_ALARM signal from CUB1Cap dI2 stage	STR	13703
	117	E8	EV_NODAT	256	1	4	1	F117O005	Reset	ALARM signal from CUB1Cap dI2 stage	ALA	13704
	117	E9	EV_NODAT	512	1	4	0	F117O005	Activated	ALARM signal from CUB1Cap dI2 stage	ALA	13704
	117	E10	EV_NODAT	1024	0	5	0	F117I004	Reset	BS1 signal of CUB1Cap	BLK	13705
	117	E11	EV_NODAT	2048	0	5	0	F117I004	Activated	BS1 signal of CUB1Cap	BLK	13705
	117	E12	EV_NODAT	4096	0	6	0	F117I005	Reset	BS2 signal of CUB1Cap	BLK	13706
	117	E13	EV_NODAT	8192	0	6	0	F117I005	Activated	BS2 signal of CUB1Cap	BLK	13706
	117	E14	EV_NODAT	16384	0	7	0	-	Off	Test mode of CUB1Cap	INS	13707
	117	E15	EV_NODAT	32768	0	7	0	-	On	Test mode of CUB1Cap	INS	13707
			Default mask=	831								
/* 100118 / Rev D FuseFail */												
	118	E0	EV_NODAT	1	1	0	0	F118O001	Reset	Fuse failure	ALA	13800
	118	E1	EV_NODAT	2	1	0	0	F118O001	Activated	Fuse failure	ALA	13800
	118	E2	EV_NODAT	4	1	1	1	F118I002	Open	MCB position	POS	13801
	118	E3	EV_NODAT	8	1	1	0	F118I002	Closed	MCB position	POS	13801
	118	E4	EV_NODAT	16	0	2	0	F118I001	Reset	FuseFail blocked	BLK	13802
	118	E5	EV_NODAT	32	0	2	0	F118I001	Activated	FuseFail blocked	BLK	13802
	118	E6	EV_NODAT	64	0	3	0	F118V002	Off	Test mode of FuseFail	INS	13803
	118	E7	EV_NODAT	128	0	3	0	F118V002	On	Test mode of FuseFail	INS	13803
			Default mask=	15								
/* 100120 / Rev C COCB1 */												
	120	E0	EV_2BIT_1	1	1	0	1	F120V001	Open (10)	Breaker 1 position	POS	14000
	120	E1	EV_2BIT_1	2	1	0	0	F120V001	Close (01)	Breaker 1 position	POS	14000
	120	E2	EV_2BIT_1	4	1	0	0	F120V001	Faulty (11)	Breaker 1 position	POS	14000
	120	E3	EV_2BIT_1	8	1	0	0	F120V001	Middle (00)	Breaker 1 position	POS	14000
	120	E4	EV_1BIT	16	1	1	1	F120V031	Enabled	Breaker 1 open command	INS	14001
	120	E5	EV_1BIT	32	1	1	0	F120V031	Disabled	Breaker 1 open command	INS	14001
	120	E6	EV_1BIT	64	1	2	1	F120V030	Enabled	Breaker 1 close command	INS	14002
	120	E7	EV_1BIT	128	1	2	0	F120V030	Disabled	Breaker 1 close command	INS	14002
	120	E8	EV_1BIT	256	0	3	0	F120V034	Inactive	Breaker 1 invalid state	INS	14003
	120	E9	EV_1BIT	512	1	3	0	F120V034	Active	Breaker 1 invalid state	INS	14003
	120	E10	EV_NODAT	1024	1	4	0	-	Completed	Breaker 1 command sequence	INS	14004
	120	E11	EV_NODAT	2048	1	4	0	-	Started	Breaker 1 command sequence	INS	14004
	120	E12	EV_NODAT	4096	0	5	0	-	Deactivated	Breaker 1 open output	INS	14005
	120	E13	EV_NODAT	8192	1	5	0	-	Activated	Breaker 1 open output	INS	14005
	120	E14	EV_NODAT	16384	0	6	0	-	Deactivated	Breaker 1 close output	INS	14006
	120	E15	EV_NODAT	32768	1	6	0	-	Activated	Breaker 1 close output	INS	14006
	120	E16	EV_NODAT	65536	0	7	0	F120O003	Normal	Breaker 1 opening time	INS	14007
	120	E17	EV_NODAT	131072	1	7	0	F120O003	Alarm	Breaker 1 opening time	INS	14007
	120	E18	EV_NODAT	262144	0	8	0	F120O004	Normal	Breaker 1 closing time	INS	14008
	120	E19	EV_NODAT	524288	1	8	0	F120O004	Alarm	Breaker 1 closing time	INS	14008
	120	E20	EV_NODAT	1048576	0	9	0	F120O005	Normal	Breaker 1 inactive time	INS	14009
	120	E21	EV_NODAT	2097152	1	9	0	F120O005	Alarm	Breaker 1 inactive time	INS	14009
	120	E22	EV_NODAT	4194304	0	10	0	F120O006	Normal	Breaker 1 cycle count	INS	14010
	120	E23	EV_NODAT	8388608	1	10	0	F120O006	Alarm	Breaker 1 cycle count	INS	14010
	120	E24	EV_NODAT	16777216	0	11	0	-	Nack	Breaker 1 command status	INS	14011
	120	E25	EV_NODAT	33554432	0	11	0	-	Ack	Breaker 1 command status	INS	14011
	120	E26	EV_1BIT	67108864	0	12	1	F120V035	Inactive	Breaker 1 control blocking	INS	14012
	120	E27	EV_1BIT	134217728	1	12	0	F120V035	Active	Breaker 1 control blocking	INS	14012
	120	E28	EV_NODAT	268435456	0	13	0	-	Unsuccessful	Breaker 1 command status	CMS	14013
			Default mask=	145403647								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100121 / Rev C COCB2 */												
	121	E0	EV_2BIT_1	1	1	0	1	F121V001	Open (10)	Breaker 2 position	POS	14100
	121	E1	EV_2BIT_1	2	1	0	0	F121V001	Close (01)	Breaker 2 position	POS	14100
	121	E2	EV_2BIT_1	4	1	0	0	F121V001	Faulty (11)	Breaker 2 position	POS	14100
	121	E3	EV_2BIT_1	8	1	0	0	F121V001	Middle (00)	Breaker 2 position	POS	14100
	121	E4	EV_1BIT	16	1	1	1	F121V031	Enabled	Breaker 2 open command	INS	14101
	121	E5	EV_1BIT	32	1	1	0	F121V031	Disabled	Breaker 2 open command	INS	14101
	121	E6	EV_1BIT	64	1	2	1	F121V030	Enabled	Breaker 2 close command	INS	14102
	121	E7	EV_1BIT	128	1	2	0	F121V030	Disabled	Breaker 2 close command	INS	14102
	121	E8	EV_1BIT	256	0	3	0	F121V034	Inactive	Breaker 2 invalid state	INS	14103
	121	E9	EV_1BIT	512	1	3	0	F121V034	Active	Breaker 2 invalid state	INS	14103
	121	E10	EV_NODAT	1024	1	4	0	-	Completed	Breaker 2 command sequence	INS	14104
	121	E11	EV_NODAT	2048	1	4	0	-	Started	Breaker 2 command sequence	INS	14104
	121	E12	EV_NODAT	4096	0	5	0	-	Deactivated	Breaker 2 open output	INS	14105
	121	E13	EV_NODAT	8192	1	5	0	-	Activated	Breaker 2 open output	INS	14105
	121	E14	EV_NODAT	16384	0	6	0	-	Deactivated	Breaker 2 close output	INS	14106
	121	E15	EV_NODAT	32768	1	6	0	-	Activated	Breaker 2 close output	INS	14106
	121	E16	EV_NODAT	65536	0	7	0	F121O003	Normal	Breaker 2 opening time	INS	14107
	121	E17	EV_NODAT	131072	1	7	0	F121O003	Alarm	Breaker 2 opening time	INS	14107
	121	E18	EV_NODAT	262144	0	8	0	F121O004	Normal	Breaker 2 closing time	INS	14108
	121	E19	EV_NODAT	524288	1	8	0	F121O004	Alarm	Breaker 2 closing time	INS	14108
	121	E20	EV_NODAT	1048576	0	9	0	F121O005	Normal	Breaker 2 inactive time	INS	14109
	121	E21	EV_NODAT	2097152	1	9	0	F121O005	Alarm	Breaker 2 inactive time	INS	14109
	121	E22	EV_NODAT	4194304	0	10	0	F121O006	Normal	Breaker 2 cycle count	INS	14110
	121	E23	EV_NODAT	8388608	1	10	0	F121O006	Alarm	Breaker 2 cycle count	INS	14110
	121	E24	EV_NODAT	16777216	0	11	0	-	Nack	Breaker 2 command status	INS	14111
	121	E25	EV_NODAT	33554432	0	11	0	-	Ack	Breaker 2 command status	INS	14111
	121	E26	EV_1BIT	67108864	0	12	1	F121V035	Inactive	Breaker 2 control blocking	INS	14112
	121	E27	EV_1BIT	134217728	1	12	0	F121V035	Active	Breaker 2 control blocking	INS	14112
	121	E28	EV_NODAT	268435456	0	13	0	-	Unsuccessful	Breaker 2 command status	CMS	14113
			Default mask=	145403647								
/* 100122 / Rev C CODC1 */												
	122	E0	EV_2BIT_1	1	1	0	1	F122V001	Open (10)	Disconnector 1 position	POS	14200
	122	E1	EV_2BIT_1	2	1	0	0	F122V001	Close (01)	Disconnector 1 position	POS	14200
	122	E2	EV_2BIT_1	4	1	0	0	F122V001	Faulty (11)	Disconnector 1 position	POS	14200
	122	E3	EV_2BIT_1	8	1	0	0	F122V001	Middle (00)	Disconnector 1 position	POS	14200
	122	E4	EV_1BIT	16	1	1	1	F122V031	Enabled	Disconnector 1 open command	INS	14201
	122	E5	EV_1BIT	32	1	1	0	F122V031	Disabled	Disconnector 1 open command	INS	14201
	122	E6	EV_1BIT	64	1	2	1	F122V030	Enabled	Disconnector 1 close command	INS	14202
	122	E7	EV_1BIT	128	1	2	0	F122V030	Disabled	Disconnector 1 close command	INS	14202
	122	E8	EV_1BIT	256	0	3	0	F122V034	Inactive	Disconnector 1 invalid state	INS	14203
	122	E9	EV_1BIT	512	1	3	0	F122V034	Active	Disconnector 1 invalid state	INS	14203
	122	E10	EV_NODAT	1024	1	4	0	-	Completed	Disconnector 1 command seq.	INS	14204
	122	E11	EV_NODAT	2048	1	4	0	-	Started	Disconnector 1 command seq.	INS	14204
	122	E12	EV_NODAT	4096	0	5	0	-	Deactivated	Disconnector 1 open output	INS	14205
	122	E13	EV_NODAT	8192	1	5	0	-	Activated	Disconnector 1 open output	INS	14205
	122	E14	EV_NODAT	16384	0	6	0	-	Deactivated	Disconnector 1 close output	INS	14206
	122	E15	EV_NODAT	32768	1	6	0	-	Activated	Disconnector 1 close output	INS	14206
	122	E16	EV_NODAT	65536	0	7	0	F122O003	Normal	Disconnector 1 opening time	INS	14207
	122	E17	EV_NODAT	131072	1	7	0	F122O003	Alarm	Disconnector 1 opening time	INS	14207
	122	E18	EV_NODAT	262144	0	8	0	F122O004	Normal	Disconnector 1 closing time	INS	14208
	122	E19	EV_NODAT	524288	1	8	0	F122O004	Alarm	Disconnector 1 closing time	INS	14208
	122	E24	EV_NODAT	16777216	0	9	0	-	Nack	Disconnector 1 command status	CMS	14209
	122	E25	EV_NODAT	33554432	0	9	0	-	Ack	Disconnector 1 command status	CMS	14209
	122	E26	EV_1BIT	67108864	0	10	1	F122V035	Inactive	Disconnector 1 control blocking	BLK	14210
	122	E27	EV_1BIT	134217728	1	10	0	F122V035	Active	Disconnector 1 control blocking	BLK	14210
	122	E28	EV_NODAT	268435456	0	11	0	-	Unsuccesful	Disconnector 1 command status	CMS	14211
			Default mask=	134917887								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100123 / Rev C CODC2 */												
	123	E0	EV_2BIT_1	1	1	0	1	F123V001	Open (10)	Disconnector 2 position	POS	14300
	123	E1	EV_2BIT_1	2	1	0	0	F123V001	Close (01)	Disconnector 2 position	POS	14300
	123	E2	EV_2BIT_1	4	1	0	0	F123V001	Faulty (11)	Disconnector 2 position	POS	14300
	123	E3	EV_2BIT_1	8	1	0	0	F123V001	Middle (00)	Disconnector 2 position	POS	14300
	123	E4	EV_1BIT	16	1	1	1	F123V031	Enabled	Disconnector 2 open command	INS	14301
	123	E5	EV_1BIT	32	1	1	0	F123V031	Disabled	Disconnector 2 open command	INS	14301
	123	E6	EV_1BIT	64	1	2	1	F123V030	Enabled	Disconnector 2 close command	INS	14302
	123	E7	EV_1BIT	128	1	2	0	F123V030	Disabled	Disconnector 2 close command	INS	14302
	123	E8	EV_1BIT	256	0	3	0	F123V034	Inactive	Disconnector 2 invalid state	INS	14303
	123	E9	EV_1BIT	512	1	3	0	F123V034	Active	Disconnector 2 invalid state	INS	14303
	123	E10	EV_NODAT	1024	1	4	0	-	Completed	Disconnector 2 command seq.	INS	14304
	123	E11	EV_NODAT	2048	1	4	0	-	Started	Disconnector 2 command seq.	INS	14304
	123	E12	EV_NODAT	4096	0	5	0	-	Deactivated	Disconnector 2 open output	INS	14305
	123	E13	EV_NODAT	8192	1	5	0	-	Activated	Disconnector 2 open output	INS	14305
	123	E14	EV_NODAT	16384	0	6	0	-	Deactivated	Disconnector 2 close output	INS	14306
	123	E15	EV_NODAT	32768	1	6	0	-	Activated	Disconnector 2 close output	INS	14306
	123	E16	EV_NODAT	65536	0	7	0	F123O003	Normal	Disconnector 2 opening time	INS	14307
	123	E17	EV_NODAT	131072	1	7	0	F123O003	Alarm	Disconnector 2 opening time	INS	14307
	123	E18	EV_NODAT	262144	0	8	0	F123O004	Normal	Disconnector 2 closing time	INS	14308
	123	E19	EV_NODAT	524288	1	8	0	F123O004	Alarm	Disconnector 2 closing time	INS	14308
	123	E24	EV_NODAT	16777216	0	9	0	-	Nack	Disconnector 2 command status	CMS	14309
	123	E25	EV_NODAT	33554432	0	9	0	-	Ack	Disconnector 2 command status	CMS	14309
	123	E26	EV_1BIT	67108864	0	10	1	F123V035	Inactive	Disconnector 2 control blocking	BLK	14310
	123	E27	EV_1BIT	134217728	1	10	0	F123V035	Active	Disconnector 2 control blocking	BLK	14310
	123	E28	EV_NODAT	268435456	0	11	0	-	Unsuccesful	Disconnector 2 command status	CMS	14311
			Default mask=	134917887								
/* 100124 / Rev C CODC3 */												
	124	E0	EV_2BIT_1	1	1	0	1	F124V001	Open (10)	Disconnector 3 position	POS	14400
	124	E1	EV_2BIT_1	2	1	0	0	F124V001	Close (01)	Disconnector 3 position	POS	14400
	124	E2	EV_2BIT_1	4	1	0	0	F124V001	Faulty (11)	Disconnector 3 position	POS	14400
	124	E3	EV_2BIT_1	8	1	0	0	F124V001	Middle (00)	Disconnector 3 position	POS	14400
	124	E4	EV_1BIT	16	1	1	1	F124V031	Enabled	Disconnector 3 open command	INS	14401
	124	E5	EV_1BIT	32	1	1	0	F124V031	Disabled	Disconnector 3 open command	INS	14401
	124	E6	EV_1BIT	64	1	2	1	F124V030	Enabled	Disconnector 3 close command	INS	14402
	124	E7	EV_1BIT	128	1	2	0	F124V030	Disabled	Disconnector 3 close command	INS	14402
	124	E8	EV_1BIT	256	0	3	0	F124V034	Inactive	Disconnector 3 invalid state	INS	14403
	124	E9	EV_1BIT	512	1	3	0	F124V034	Active	Disconnector 3 invalid state	INS	14403
	124	E10	EV_NODAT	1024	1	4	0	-	Completed	Disconnector 3 command seq.	INS	14404
	124	E11	EV_NODAT	2048	1	4	0	-	Started	Disconnector 3 command seq.	INS	14404
	124	E12	EV_NODAT	4096	0	5	0	-	Deactivated	Disconnector 3 open output	INS	14405
	124	E13	EV_NODAT	8192	1	5	0	-	Activated	Disconnector 3 open output	INS	14405
	124	E14	EV_NODAT	16384	0	6	0	-	Deactivated	Disconnector 3 close output	INS	14406
	124	E15	EV_NODAT	32768	1	6	0	-	Activated	Disconnector 3 close output	INS	14406
	124	E16	EV_NODAT	65536	0	7	0	F124O003	Normal	Disconnector 3 opening time	INS	14407
	124	E17	EV_NODAT	131072	1	7	0	F124O003	Alarm	Disconnector 3 opening time	INS	14407
	124	E18	EV_NODAT	262144	0	8	0	F124O004	Normal	Disconnector 3 closing time	INS	14408
	124	E19	EV_NODAT	524288	1	8	0	F124O004	Alarm	Disconnector 3 closing time	INS	14408
	124	E24	EV_NODAT	16777216	0	9	0	-	Nack	Disconnector 3 command status	CMS	14409
	124	E25	EV_NODAT	33554432	0	9	0	-	Ack	Disconnector 3 command status	CMS	14409
	124	E26	EV_1BIT	67108864	0	10	1	F124V035	Inactive	Disconnector 3 control blocking	BLK	14410
	124	E27	EV_1BIT	134217728	1	10	0	F124V035	Active	Disconnector 3 control blocking	BLK	14410
	124	E28	EV_NODAT	268435456	0	11	0	-	Unsuccesful	Disconnector 3 command status	CMS	14411
			Default mask=	134917887								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100125 / Rev C CODC4 */												
	125	E0	EV_2BIT_1	1	1	0	1	F125V001	Open (10)	Disconnector 4 position	POS	14500
	125	E1	EV_2BIT_1	2	1	0	0	F125V001	Close (01)	Disconnector 4 position	POS	14500
	125	E2	EV_2BIT_1	4	1	0	0	F125V001	Faulty (11)	Disconnector 4 position	POS	14500
	125	E3	EV_2BIT_1	8	1	0	0	F125V001	Middle (00)	Disconnector 4 position	POS	14500
	125	E4	EV_1BIT	16	1	1	1	F125V031	Enabled	Disconnector 4 open command	INS	14501
	125	E5	EV_1BIT	32	1	1	0	F125V031	Disabled	Disconnector 4 open command	INS	14501
	125	E6	EV_1BIT	64	1	2	1	F125V030	Enabled	Disconnector 4 close command	INS	14502
	125	E7	EV_1BIT	128	1	2	0	F125V030	Disabled	Disconnector 4 close command	INS	14502
	125	E8	EV_1BIT	256	0	3	0	F125V034	Inactive	Disconnector 4 invalid state	INS	14503
	125	E9	EV_1BIT	512	1	3	0	F125V034	Active	Disconnector 4 invalid state	INS	14503
	125	E10	EV_NODAT	1024	1	4	0	-	Completed	Disconnector 4 command seq.	INS	14504
	125	E11	EV_NODAT	2048	1	4	0	-	Started	Disconnector 4 command seq.	INS	14504
	125	E12	EV_NODAT	4096	0	5	0	-	Deactivated	Disconnector 4 open output	INS	14505
	125	E13	EV_NODAT	8192	1	5	0	-	Activated	Disconnector 4 open output	INS	14505
	125	E14	EV_NODAT	16384	0	6	0	-	Deactivated	Disconnector 4 close output	INS	14506
	125	E15	EV_NODAT	32768	1	6	0	-	Activated	Disconnector 4 close output	INS	14506
	125	E16	EV_NODAT	65536	0	7	0	F125O003	Normal	Disconnector 4 opening time	INS	14507
	125	E17	EV_NODAT	131072	1	7	0	F125O003	Alarm	Disconnector 4 opening time	INS	14507
	125	E18	EV_NODAT	262144	0	8	0	F125O004	Normal	Disconnector 4 closing time	INS	14508
	125	E19	EV_NODAT	524288	1	8	0	F125O004	Alarm	Disconnector 4 closing time	INS	14508
	125	E24	EV_NODAT	16777216	0	9	0	-	Nack	Disconnector 4 command status	CMS	14509
	125	E25	EV_NODAT	33554432	0	9	0	-	Ack	Disconnector 4 command status	CMS	14509
	125	E26	EV_1BIT	67108864	0	10	1	F125V035	Inactive	Disconnector 4 control blocking	BLK	14510
	125	E27	EV_1BIT	134217728	1	10	0	F125V035	Active	Disconnector 4 control blocking	BLK	14510
	125	E28	EV_NODAT	268435456	0	11	0	-	Unsuccesful	Disconnector 4 command status	CMS	14511
			Default mask=	134917887								
/* 100126 / Rev C CODC5 */												
	126	E0	EV_2BIT_1	1	1	0	1	F126V001	Open (10)	Disconnector 5 position	POS	14600
	126	E1	EV_2BIT_1	2	1	0	0	F126V001	Close (01)	Disconnector 5 position	POS	14600
	126	E2	EV_2BIT_1	4	1	0	0	F126V001	Faulty (11)	Disconnector 5 position	POS	14600
	126	E3	EV_2BIT_1	8	1	0	0	F126V001	Middle (00)	Disconnector 5 position	POS	14600
	126	E4	EV_1BIT	16	1	1	1	F126V031	Enabled	Disconnector 5 open command	INS	14601
	126	E5	EV_1BIT	32	1	1	0	F126V031	Disabled	Disconnector 5 open command	INS	14601
	126	E6	EV_1BIT	64	1	2	1	F126V030	Enabled	Disconnector 5 close command	INS	14602
	126	E7	EV_1BIT	128	1	2	0	F126V030	Disabled	Disconnector 5 close command	INS	14602
	126	E8	EV_1BIT	256	0	3	0	F126V034	Inactive	Disconnector 5 invalid state	INS	14603
	126	E9	EV_1BIT	512	1	3	0	F126V034	Active	Disconnector 5 invalid state	INS	14603
	126	E10	EV_NODAT	1024	1	4	0	-	Completed	Disconnector 5 command seq.	INS	14604
	126	E11	EV_NODAT	2048	1	4	0	-	Started	Disconnector 5 command seq.	INS	14604
	126	E12	EV_NODAT	4096	0	5	0	-	Deactivated	Disconnector 5 open output	INS	14605
	126	E13	EV_NODAT	8192	1	5	0	-	Activated	Disconnector 5 open output	INS	14605
	126	E14	EV_NODAT	16384	0	6	0	-	Deactivated	Disconnector 5 close output	INS	14606
	126	E15	EV_NODAT	32768	1	6	0	-	Activated	Disconnector 5 close output	INS	14606
	126	E16	EV_NODAT	65536	0	7	0	F126O003	Normal	Disconnector 5 opening time	INS	14607
	126	E17	EV_NODAT	131072	1	7	0	F126O003	Alarm	Disconnector 5 opening time	INS	14607
	126	E18	EV_NODAT	262144	0	8	0	F126O004	Normal	Disconnector 5 closing time	INS	14608
	126	E19	EV_NODAT	524288	1	8	0	F126O004	Alarm	Disconnector 5 closing time	INS	14608
	126	E24	EV_NODAT	16777216	0	9	0	-	Nack	Disconnector 5 command status	CMS	14609
	126	E25	EV_NODAT	33554432	0	9	0	-	Ack	Disconnector 5 command status	CMS	14609
	126	E26	EV_1BIT	67108864	0	10	1	F126V035	Inactive	Disconnector 5 control blocking	BLK	14610
	126	E27	EV_1BIT	134217728	1	10	0	F126V035	Active	Disconnector 5 control blocking	BLK	14610
	126	E28	EV_NODAT	268435456	0	11	0	-	Unsuccesful	Disconnector 5 command status	CMS	14611
			Default mask=	134917887								
/* 100127 / Rev C COIND1 */												
	127	E0	EV_2BIT_1	1	1	0	1	F127V001	Open (10)	Indication 1 position	POS	14700
	127	E1	EV_2BIT_1	2	1	0	0	F127V001	Close (01)	Indication 1 position	POS	14700
	127	E2	EV_2BIT_1	4	1	0	0	F127V001	Faulty (11)	Indication 1 position	POS	14700
	127	E3	EV_2BIT_1	8	1	0	0	F127V001	Middle (00)	Indication 1 position	POS	14700
	127	E8	EV_1BIT	256	0	1	0	F127V034	Inactive	Indication 1 invalid state	INS	14701
	127	E9	EV_1BIT	512	1	1	0	F127V034	Active	Indication 1 invalid state	INS	14701
			Default mask=	527								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100128 / Rev C COIND2 */												
	128	E0	EV_2BIT_1	1	1	0	1	F128V001	Open (10)	Indication 2 position	POS	14800
	128	E1	EV_2BIT_1	2	1	0	0	F128V001	Close (01)	Indication 2 position	POS	14800
	128	E2	EV_2BIT_1	4	1	0	0	F128V001	Faulty (11)	Indication 2 position	POS	14800
	128	E3	EV_2BIT_1	8	1	0	0	F128V001	Middle (00)	Indication 2 position	POS	14800
	128	E8	EV_1BIT	256	0	1	0	F128V034	Inactive	Indication 2 invalid state	INS	14801
	128	E9	EV_1BIT	512	1	1	0	F128V034	Active	Indication 2 invalid state	INS	14801
			Default mask=	527								
/* 100129 / Rev C COIND3 */												
	129	E0	EV_2BIT_1	1	1	0	1	F129V001	Open (10)	Indication 3 position	POS	14900
	129	E1	EV_2BIT_1	2	1	0	0	F129V001	Close (01)	Indication 3 position	POS	14900
	129	E2	EV_2BIT_1	4	1	0	0	F129V001	Faulty (11)	Indication 3 position	POS	14900
	129	E3	EV_2BIT_1	8	1	0	0	F129V001	Middle (00)	Indication 3 position	POS	14900
	129	E8	EV_1BIT	256	0	1	0	F129V034	Inactive	Indication 3 invalid state	INS	14901
	129	E9	EV_1BIT	512	1	1	0	F129V034	Active	Indication 3 invalid state	INS	14901
			Default mask=	527								
/* 100130 / Rev C COIND4 */												
	130	E0	EV_2BIT_1	1	1	0	1	F130V001	Open (10)	Indication 4 position	POS	15000
	130	E1	EV_2BIT_1	2	1	0	0	F130V001	Close (01)	Indication 4 position	POS	15000
	130	E2	EV_2BIT_1	4	1	0	0	F130V001	Faulty (11)	Indication 4 position	POS	15000
	130	E3	EV_2BIT_1	8	1	0	0	F130V001	Middle (00)	Indication 4 position	POS	15000
	130	E8	EV_1BIT	256	0	1	0	F130V034	Inactive	Indication 4 invalid state	INS	15001
	130	E9	EV_1BIT	512	1	1	0	F130V034	Active	Indication 4 invalid state	INS	15001
			Default mask=	527								
/* 100131 / Rev C COIND5 */												
	131	E0	EV_2BIT_1	1	1	0	1	F131V001	Open (10)	Indication 5 position	POS	15100
	131	E1	EV_2BIT_1	2	1	0	0	F131V001	Close (01)	Indication 5 position	POS	15100
	131	E2	EV_2BIT_1	4	1	0	0	F131V001	Faulty (11)	Indication 5 position	POS	15100
	131	E3	EV_2BIT_1	8	1	0	0	F131V001	Middle (00)	Indication 5 position	POS	15100
	131	E8	EV_1BIT	256	0	1	0	F131V034	Inactive	Indication 5 invalid state	INS	15101
	131	E9	EV_1BIT	512	1	1	0	F131V034	Active	Indication 5 invalid state	INS	15101
			Default mask=	527								
/* 100132 / Rev C COIND6 */												
	132	E0	EV_2BIT_1	1	1	0	1	F132V001	Open (10)	Indication 6 position	POS	15200
	132	E1	EV_2BIT_1	2	1	0	0	F132V001	Close (01)	Indication 6 position	POS	15200
	132	E2	EV_2BIT_1	4	1	0	0	F132V001	Faulty (11)	Indication 6 position	POS	15200
	132	E3	EV_2BIT_1	8	1	0	0	F132V001	Middle (00)	Indication 6 position	POS	15200
	132	E8	EV_1BIT	256	0	1	0	F132V034	Inactive	Indication 6 invalid state	INS	15201
	132	E9	EV_1BIT	512	1	1	0	F132V034	Active	Indication 6 invalid state	INS	15201
			Default mask=	527								
/* 100133 / Rev C COIND7 */												
	133	E0	EV_2BIT_1	1	1	0	1	F133V001	Open (10)	Indication 7 position	POS	15300
	133	E1	EV_2BIT_1	2	1	0	0	F133V001	Close (01)	Indication 7 position	POS	15300
	133	E2	EV_2BIT_1	4	1	0	0	F133V001	Faulty (11)	Indication 7 position	POS	15300
	133	E3	EV_2BIT_1	8	1	0	0	F133V001	Middle (00)	Indication 7 position	POS	15300
	133	E8	EV_1BIT	256	0	1	0	F133V034	Inactive	Indication 7 invalid state	INS	15301
	133	E9	EV_1BIT	512	1	1	0	F133V034	Active	Indication 7 invalid state	INS	15301
			Default mask=	527								
/* 100134 / Rev C COIND8 */												
	134	E0	EV_2BIT_1	1	1	0	1	F134V001	Open (10)	Indication 8 position	POS	15400
	134	E1	EV_2BIT_1	2	1	0	0	F134V001	Close (01)	Indication 8 position	POS	15400
	134	E2	EV_2BIT_1	4	1	0	0	F134V001	Faulty (11)	Indication 8 position	POS	15400
	134	E3	EV_2BIT_1	8	1	0	0	F134V001	Middle (00)	Indication 8 position	POS	15400
	134	E8	EV_1BIT	256	0	1	0	F134V034	Inactive	Indication 8 invalid state	INS	15401
	134	E9	EV_1BIT	512	1	1	0	F134V034	Active	Indication 8 invalid state	INS	15401
			Default mask=	527								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100135 / Rev B COSW1 */												
	135	E0	EV_1BIT	1	1	0	1	F135V001	Off	On/off object 1 position	POS	15500
	135	E1	EV_1BIT	2	1	0	0	F135V001	On	On/off object 1 position	POS	15500
			Default mask=	3								
/* 100136 / Rev B COSW2 */												
	136	E0	EV_1BIT	1	1	0	1	F136V001	Off	On/off object 2 position	POS	15600
	136	E1	EV_1BIT	2	1	0	0	F136V001	On	On/off object 2 position	POS	15600
			Default mask=	3								
/* 100137 / Rev B COSW3 */												
	137	E0	EV_1BIT	1	1	0	1	F137V001	Off	On/off object 3 position	POS	15700
	137	E1	EV_1BIT	2	1	0	0	F137V001	On	On/off object 3 position	POS	15700
			Default mask=	3								
/* 100138 / Rev B COSW4 */												
	138	E0	EV_1BIT	1	1	0	1	F138V001	Off	On/off object 4 position	POS	15800
	138	E1	EV_1BIT	2	1	0	0	F138V001	On	On/off object 4 position	POS	15800
			Default mask=	3								
/* 100139 / Rev C CO3DC1 */												
	139	E0	EV_2BIT_1	1	1	0	1	F139V001	Open (10)	3-state sw. 1 position OC	POS	15900
	139	E1	EV_2BIT_1	2	1	0	0	F139V001	Close (01)	3-state sw. 1 position OC	POS	15900
	139	E2	EV_2BIT_1	4	1	0	0	F139V001	Faulty (11)	3-state sw. 1 position OC	POS	15900
	139	E3	EV_2BIT_1	8	1	0	0	F139V001	Middle (00)	3-state sw. 1 position OC	POS	15900
	139	E4	EV_1BIT	16	1	1	1	F139V031	Enabled	3-state sw. 1 open command	INS	15901
	139	E5	EV_1BIT	32	1	1	0	F139V031	Disabled	3-state sw. 1 open command	INS	15901
	139	E6	EV_1BIT	64	1	2	1	F139V030	Enabled	3-state sw. 1 close command	INS	15902
	139	E7	EV_1BIT	128	1	2	0	F139V030	Disabled	3-state sw. 1 close command	INS	15902
	139	E8	EV_1BIT	256	0	3	0	F139V034	Inactive	3-state sw. 1 invalid state	INS	15903
	139	E9	EV_1BIT	512	1	3	0	F139V034	Active	3-state sw. 1 invalid state	INS	15903
	139	E10	EV_NODAT	1024	1	4	0	-	Completed	3-state sw. 1 command seqence	INS	15904
	139	E11	EV_NODAT	2048	1	4	0	-	Started	3-state sw. 1 command seqence	INS	15904
	139	E12	EV_NODAT	4096	0	5	0	-	Deactivated	3-state sw. 1 open output	INS	15905
	139	E13	EV_NODAT	8192	1	5	0	-	Activated	3-state sw. 1 open output	INS	15905
	139	E14	EV_NODAT	16384	0	6	0	-	Deactivated	3-state sw. 1 close output	INS	15906
	139	E15	EV_NODAT	32768	1	6	0	-	Activated	3-state sw. 1 close output	INS	15906
	139	E16	EV_NODAT	65536	0	7	0	F139O005	Normal	3-state sw. 1 opening time	INS	15907
	139	E17	EV_NODAT	131072	1	7	0	F139O005	Alarm	3-state sw. 1 opening time	INS	15907
	139	E18	EV_NODAT	262144	0	8	0	F139O006	Normal	3-state sw. 1 closing time	INS	15908
	139	E19	EV_NODAT	524288	1	8	0	F139O006	Alarm	3-state sw. 1 closing time	INS	15908
	139	E24	EV_NODAT	16777216	0	9	0	-	Nack	3-state sw. 1 command status	INS	15909
	139	E25	EV_NODAT	33554432	0	9	0	-	Ack	3-state sw. 1 command status	INS	15909
	139	E26	EV_1BIT	67108864	0	10	1	F139V035	Inactive	3-state sw. 1 command blocking	INS	15910
	139	E27	EV_1BIT	134217728	1	10	0	F139V035	Active	3-state sw. 1 command blocking	INS	15910
	139	E28	EV_NODAT	268435456	0	11	0	-	Unsuccessful	3-state sw. 1 command status	CMS	15911
	139	E30	EV_NODAT	1073741824	0	12	0	-	Deactivated	3-state sw. 1 earth output	INS	15912
	139	E31	EV_NODAT	2147483648	1	12	0	-	Activated	3-state sw. 1 earth output	INS	15912
			Default mask=	2282401535								
	139	E32	EV_NODAT	1	0	13	0	-	Deactivated	3-state sw. 1 free output	INS	15913
	139	E33	EV_NODAT	2	1	13	0	-	Activated	3-state sw. 1 free output	INS	15913
	139	E34	EV_NODAT	4	0	14	0	F139O007	Normal	3-state sw. 1 earthing time	INS	15914
	139	E35	EV_NODAT	8	1	14	0	F139O007	Alarm	3-state sw. 1 earthing time	INS	15914
	139	E36	EV_NODAT	16	0	15	0	F139O008	Normal	3-state sw. 1 freeing time	INS	15915
	139	E37	EV_NODAT	32	1	15	0	F139O008	Alarm	3-state sw. 1 freeing time	INS	15915
	139	E38	EV_2BIT_2	64	1	16	1	F139V002	Free (10)	3-state sw. 1 position FE	POS	15916
	139	E39	EV_2BIT_2	128	1	16	0	F139V002	Earth (01)	3-state sw. 1 position FE	POS	15916
	139	E40	EV_2BIT_2	256	1	16	0	F139V002	Faulty (11)	3-state sw. 1 position FE	POS	15916
	139	E41	EV_2BIT_2	512	1	16	0	F139V002	Middle (00)	3-state sw. 1 position FE	POS	15916
	139	E42	EV_1BIT	1024	1	17	1	F139V032	Enabled	3-state sw. 1 earth command	INS	15917
	139	E43	EV_1BIT	2048	1	17	0	F139V032	Disabled	3-state sw. 1 earth command	INS	15917
	139	E44	EV_1BIT	4096	1	18	1	F139V033	Enabled	3-state sw. 1 free command	INS	15918
	139	E45	EV_1BIT	8192	1	18	0	F139V033	Disabled	3-state sw. 1 free command	INS	15918
			Default mask=	16362								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100140 / Rev C CO3DC2 */												
	140	E0	EV_2BIT_1	1	1	0	1	F140V001	Open (10)	3-state sw. 2 position OC	POS	16000
	140	E1	EV_2BIT_1	2	1	0	0	F140V001	Close (01)	3-state sw. 2 position OC	POS	16000
	140	E2	EV_2BIT_1	4	1	0	0	F140V001	Faulty (11)	3-state sw. 2 position OC	POS	16000
	140	E3	EV_2BIT_1	8	1	0	0	F140V001	Middle (00)	3-state sw. 2 position OC	POS	16000
	140	E4	EV_1BIT	16	1	1	1	F140V031	Enabled	3-state sw. 2 open command	INS	16001
	140	E5	EV_1BIT	32	1	1	0	F140V031	Disabled	3-state sw. 2 open command	INS	16001
	140	E6	EV_1BIT	64	1	2	1	F140V030	Enabled	3-state sw. 2 close command	INS	16002
	140	E7	EV_1BIT	128	1	2	0	F140V030	Disabled	3-state sw. 2 close command	INS	16002
	140	E8	EV_1BIT	256	0	3	0	F140V034	Inactive	3-state sw. 2 invalid state	INS	16003
	140	E9	EV_1BIT	512	1	3	0	F140V034	Active	3-state sw. 2 invalid state	INS	16003
	140	E10	EV_NODAT	1024	1	4	0	-	Completed	3-state sw. 2 command seqence	INS	16004
	140	E11	EV_NODAT	2048	1	4	0	-	Started	3-state sw. 2 command seqence	INS	16004
	140	E12	EV_NODAT	4096	0	5	0	-	Deactivated	3-state sw. 2 open output	INS	16005
	140	E13	EV_NODAT	8192	1	5	0	-	Activated	3-state sw. 2 open output	INS	16005
	140	E14	EV_NODAT	16384	0	6	0	-	Deactivated	3-state sw. 2 close output	INS	16006
	140	E15	EV_NODAT	32768	1	6	0	-	Activated	3-state sw. 2 close output	INS	16006
	140	E16	EV_NODAT	65536	0	7	0	F140O005	Normal	3-state sw. 2 opening time	INS	16007
	140	E17	EV_NODAT	131072	1	7	0	F140O005	Alarm	3-state sw. 2 opening time	INS	16007
	140	E18	EV_NODAT	262144	0	8	0	F140O006	Normal	3-state sw. 2 closing time	INS	16008
	140	E19	EV_NODAT	524288	1	8	0	F140O006	Alarm	3-state sw. 2 closing time	INS	16008
	140	E24	EV_NODAT	16777216	0	9	0	-	Nack	3-state sw. 2 command status	INS	16009
	140	E25	EV_NODAT	33554432	0	9	0	-	Ack	3-state sw. 2 command status	INS	16009
	140	E26	EV_1BIT	67108864	0	10	1	F140V035	Inactive	3-state sw. 2 command blocking	INS	16010
	140	E27	EV_1BIT	134217728	1	10	0	F140V035	Active	3-state sw. 2 command blocking	INS	16010
	140	E28	EV_NODAT	268435456	0	11	0	-	Unsuccessful	3-state sw. 2 command status	CMS	16011
	140	E30	EV_NODAT	1073741824	0	12	0	-	Deactivated	3-state sw. 2 earth output	INS	16012
	140	E31	EV_NODAT	2147483648	1	12	0	-	Activated	3-state sw. 2 earth output	INS	16012
			Default mask=	2282401535								
	140	E32	EV_NODAT	1	0	13	0	-	Deactivated	3-state sw. 2 free output	INS	16013
	140	E33	EV_NODAT	2	1	13	0	-	Activated	3-state sw. 2 free output	INS	16013
	140	E34	EV_NODAT	4	0	14	0	F140O007	Normal	3-state sw. 2 earthing time	INS	16014
	140	E35	EV_NODAT	8	1	14	0	F140O007	Alarm	3-state sw. 2 earthing time	INS	16014
	140	E36	EV_NODAT	16	0	15	0	F140O008	Normal	3-state sw. 2 freeing time	INS	16015
	140	E37	EV_NODAT	32	1	15	0	F140O008	Alarm	3-state sw. 2 freeing time	INS	16015
	140	E38	EV_2BIT_2	64	1	16	1	F140V002	Free (10)	3-state sw. 2 position FE	POS	16016
	140	E39	EV_2BIT_2	128	1	16	0	F140V002	Earth (01)	3-state sw. 2 position FE	POS	16016
	140	E40	EV_2BIT_2	256	1	16	0	F140V002	Faulty (11)	3-state sw. 2 position FE	POS	16016
	140	E41	EV_2BIT_2	512	1	16	0	F140V002	Middle (00)	3-state sw. 2 position FE	POS	16016
	140	E42	EV_1BIT	1024	1	17	1	F140V032	Enabled	3-state sw. 2 earth command	INS	16017
	140	E43	EV_1BIT	2048	1	17	0	F140V032	Disabled	3-state sw. 2 earth command	INS	16017
	140	E44	EV_1BIT	4096	1	18	1	F140V033	Enabled	3-state sw. 2 free command	INS	16018
	140	E45	EV_1BIT	8192	1	18	0	F140V033	Disabled	3-state sw. 2 free command	INS	16018
			Default mask=	16362								
/* 100141 / Rev C COCBDIR */												
	141	E0	EV_NODAT	1	0	0	0	-	Deactivated	Breaker direct open command	CMS	16100
	141	E1	EV_NODAT	2	1	0	0	-	Activated	Breaker direct open command	CMS	16100
			Default mask=	2								
/* 100142 / Rev B COLOCAT */												
	142	E0	EV_1BIT	1	0	0	0	F142V001	Inactive	Logic position setting	INS	16200
	142	E1	EV_1BIT	2	1	0	0	F142V001	Active	Logic position setting	INS	16200
			Default mask=	2								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100143 / Rev F COPFC */												
	143	E0	EV_NODAT	1	1	0	0	F143O003	Reset	Control oper. failed, COPFC	ALA	16300
	143	E1	EV_NODAT	2	1	0	0	F143O003	Activated	Control oper. failed, COPFC	ALA	16300
	143	E2	EV_NODAT	4	1	1	0	F143O004	Reset	Q not within limits, COPFC	ALA	16301
	143	E3	EV_NODAT	8	1	1	0	F143O004	Activated	Q not within limits, COPFC	ALA	16301
	143	E4	EV_NODAT	16	1	2	0	F143O005	Reset	Pumping situation alarm, COPFC	ALA	16302
	143	E5	EV_NODAT	32	1	2	0	F143O005	Activated	Pumping situation alarm, COPFC	ALA	16302
	143	E6	EV_NODAT	64	1	3	0	-	Reset	Not discharged yet, COPFC	ALA	16303
	143	E7	EV_NODAT	128	1	3	0	-	Activated	Not discharged yet, COPFC	ALA	16303
	143	E8	EV_NODAT	256	0	4	0	F143O006	Reset	Automatic testing mode, COPFC	INS	16304
	143	E9	EV_NODAT	512	0	4	0	F143O006	Activated	Automatic testing mode, COPFC	INS	16304
	143	E10	EV_NODAT	1024	1	5	0	-	OK	Testing finished, COPFC	ALA	16305
	143	E11	EV_NODAT	2048	1	5	0	-	Failed	Testing finished, COPFC	ALA	16305
	143	E12	EV_NODAT	4096	1	6	0	-	Reset	Overvoltage inhibition, COPFC	ALA	16306
	143	E13	EV_NODAT	8192	1	6	0	-	Activated	Overvoltage inhibition, COPFC	ALA	16306
	143	E14	EV_NODAT	16384	0	7	0	F143I005	Reset	BLOCK signal of COPFC	BLK	16307
	143	E15	EV_NODAT	32768	0	7	0	F143I005	Activated	BLOCK signal of COPFC	BLK	16307
	143	E16	EV_NODAT	65536	0	8	0	F143I007	Reset	DISCONNECT signal of COPFC	ALA	16308
	143	E17	EV_NODAT	131072	0	8	0	F143I007	Activated	DISCONNECT signal of COPFC	ALA	16308
	143	E19	EV_INT16	524288	1	9	1	F143V001	-	Operation mode of COPFC	INS	16309
	143	E21	EV_INT16	2097152	1	10	1	F143I004	-	Connected cap. banks, COPFC	INS	16310
	143	E23	EV_INT16	8388608	1	11	1	F143V007	-	Day & night switch mode, COPFC	INS	16311
	143	E24	EV_NODAT	16777216	1	12	1	F143I006	Day target	Day & night input, COPFC	INS	16312
	143	E25	EV_NODAT	33554432	1	12	0	F143I006	Night target	Day & night input, COPFC	INS	16312
			Default mask=	61357311								
/* 100162 / Rev C MMIALAR1 */												
	162	E0	EV_NODAT	1	0	0	1	F162I001	Inactive	Alarm 1 status	INS	18200
	162	E1	EV_NODAT	2	1	0	0	F162I001	Active	Alarm 1 status	INS	18200
	162	E3	EV_NODAT	8	0	1	0	-	-	Alarm 1 acknowledgement	INS	18201
			Default mask=	2								
/* 100163 / Rev C MMIALAR2 */												
	163	E0	EV_NODAT	1	0	0	1	F163I001	Inactive	Alarm 2 status	INS	18300
	163	E1	EV_NODAT	2	1	0	0	F163I001	Active	Alarm 2 status	INS	18300
	163	E3	EV_NODAT	8	0	1	0	-	-	Alarm 2 acknowledgement	INS	18301
			Default mask=	2								
/* 100164 / Rev C MMIALAR3 */												
	164	E0	EV_NODAT	1	0	0	1	F164I001	Inactive	Alarm 3 status	INS	18400
	164	E1	EV_NODAT	2	1	0	0	F164I001	Active	Alarm 3 status	INS	18400
	164	E3	EV_NODAT	8	0	1	0	-	-	Alarm 3 acknowledgement	INS	18401
			Default mask=	2								
/* 100165 / Rev C MMIALAR4 */												
	165	E0	EV_NODAT	1	0	0	1	F165I001	Inactive	Alarm 4 status	INS	18500
	165	E1	EV_NODAT	2	1	0	0	F165I001	Active	Alarm 4 status	INS	18500
	165	E3	EV_NODAT	8	0	1	0	-	-	Alarm 4 acknowledgement	INS	18501
			Default mask=	2								
/* 100166 / Rev C MMIALAR5 */												
	166	E0	EV_NODAT	1	0	0	1	F166I001	Inactive	Alarm 5 status	INS	18600
	166	E1	EV_NODAT	2	1	0	0	F166I001	Active	Alarm 5 status	INS	18600
	166	E3	EV_NODAT	8	0	1	0	-	-	Alarm 5 acknowledgement	INS	18601
			Default mask=	2								
/* 100167 / Rev C MMIALAR6 */												
	167	E0	EV_NODAT	1	0	0	1	F167I001	Inactive	Alarm 6 status	INS	18700
	167	E1	EV_NODAT	2	1	0	0	F167I001	Active	Alarm 6 status	INS	18700
	167	E3	EV_NODAT	8	0	1	0	-	-	Alarm 6 acknowledgement	INS	18701
			Default mask=	2								
/* 100168 / Rev C MMIALAR7 */												
	168	E0	EV_NODAT	1	0	0	1	F168I001	Inactive	Alarm 7 status	INS	18800
	168	E1	EV_NODAT	2	1	0	0	F168I001	Active	Alarm 7 status	INS	18800
	168	E3	EV_NODAT	8	0	1	0	-	-	Alarm 7 acknowledgement	INS	18801
			Default mask=	2								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100169 / Rev C MMIALAR8 */												
	169	E0	EV_NODAT	1	0	0	1	F169I001	Inactive	Alarm 8 status	INS	18900
	169	E1	EV_NODAT	2	1	0	0	F169I001	Active	Alarm 8 status	INS	18900
	169	E3	EV_NODAT	8	0	1	0	-	-	Alarm 8 acknowledgement	INS	18901
			Default mask=	2								
/* 100181 / Rev C CMCU3 */												
	181	E0	EV_NODAT	1	1	0	1	F181O001	Off	Current input circuit alarm	ALA	20100
	181	E1	EV_NODAT	2	1	0	0	F181O001	On	Current input circuit alarm	ALA	20100
			Default mask=	3								
/* 100182 / Rev D CMVO3 */												
	182	E0	EV_NODAT	1	1	0	1	F182O001	Off	Input voltage circuit alarm	ALA	20200
	182	E1	EV_NODAT	2	1	0	0	F182O001	On	Input voltage circuit alarm	ALA	20200
			Default mask=	3								
/* 100184 / Rev B CMTIME1 */												
	184	E0	EV_NODAT	1	0	0	1	F184O001	Reset	Accumulated time 1 alarm	ALA	20400
	184	E1	EV_NODAT	2	1	0	0	F184O001	Activated	Accumulated time 1 alarm	ALA	20400
	184	E2	EV_NODAT	4	0	1	0	F184I001	Inactive	Accumulated time 1 measurement	INS	20401
	184	E3	EV_NODAT	8	1	1	0	F184I001	Active	Accumulated time 1 measurement	INS	20401
			Default mask=	10								
/* 100185 / Rev B CMTIME2 */												
	185	E0	EV_NODAT	1	0	0	1	F185O001	Reset	Accumulated time 2 alarm	ALA	20500
	185	E1	EV_NODAT	2	1	0	0	F185O001	Activated	Accumulated time 2 alarm	ALA	20500
	185	E2	EV_NODAT	4	0	1	0	F185I001	Inactive	Accumulated time 2 measurement	INS	20501
	185	E3	EV_NODAT	8	1	1	0	F185I001	Active	Accumulated time 2 measurement	INS	20501
			Default mask=	10								
/* 100186 / Rev B CMGAS1 */												
	186	E0	EV_NODAT	1	0	0	1	F186O001	Reset	Low gas density alarm	ALA	20600
	186	E1	EV_NODAT	2	1	0	0	F186O001	Activated	Low gas density alarm	ALA	20600
	186	E2	EV_NODAT	4	0	1	0	F186I001	Inactive	Low gas density warning	ALA	20601
	186	E3	EV_NODAT	8	1	1	0	F186I001	Active	Low gas density warning	ALA	20601
			Default mask=	10								
/* 100187 / Rev C CMBWEAR1 */												
	187	E0	EV_NODAT	1	0	0	1	F187O001	Reset	Breaker 1 electric wear alarm	ALA	20700
	187	E1	EV_NODAT	2	1	0	0	F187O001	Activated	Breaker 1 electric wear alarm	ALA	20700
			Default mask=	2								
/* 100188 / Rev C CMBWEAR2 */												
	188	E0	EV_NODAT	1	0	0	1	F188O001	Reset	Breaker 2 electric wear alarm	ALA	20800
	188	E1	EV_NODAT	2	1	0	0	F188O001	Activated	Breaker 2 electric wear alarm	ALA	20800
			Default mask=	2								
/* 100189 / Rev C CMSCHED */												
	189	E0	EV_NODAT	1	0	0	1	F189O001	Reset	Scheduled maintenance alarm	ALA	20900
	189	E1	EV_NODAT	2	1	0	0	F189O001	Activated	Scheduled maintenance alarm	ALA	20900
			Default mask=	2								
/* 100190 / Rev B CMSPRC1 */												
	190	E0	EV_NODAT	1	0	0	0	-	Inactive	Spring 1 charging motor	INS	21000
	190	E1	EV_NODAT	2	1	0	0	-	Active	Spring 1 charging motor	INS	21000
	190	E2	EV_NODAT	4	0	1	1	F190O002	Reset	Spring 1 max charging alarm	ALA	21001
	190	E3	EV_NODAT	8	1	1	0	F190O002	Activated	Spring 1 max charging alarm	ALA	21001
	190	E4	EV_NODAT	16	0	2	1	F190O003	Reset	Spring 1 min charging alarm	ALA	21002
	190	E5	EV_NODAT	32	1	2	0	F190O003	Activated	Spring 1 min charging alarm	ALA	21002
	190	E7	EV_NODAT	128	1	99	0	-	Activated	Spring 1 charge command	-	21099
	190	E8	EV_NODAT	256	0	3	0	F190I002	Uncharged	Spring 1 charge status	CMS	21003
	190	E9	EV_NODAT	512	1	3	0	F190I002	Charged	Spring 1 charge status	CMS	21003
			Default mask=	682								
/* 100191 / Rev B CMTCS1 */												
	191	E0	EV_NODAT	1	0	0	1	F191O001	Reset	Trip circuit superv. 1 alarm	ALA	21100
	191	E1	EV_NODAT	2	1	0	0	F191O001	Activated	Trip circuit superv. 1 alarm	ALA	21100
	191	E2	EV_NODAT	4	0	1	0	F191I002	Inactive	Trip circuit superv. 1 block	BLK	21101
	191	E3	EV_NODAT	8	1	1	0	F191I002	Active	Trip circuit superv. 1 block	BLK	21101
			Default mask=	10								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100192 / Rev B CMTCS2 */												
	192	E0	EV_NODAT	1	0	0	1	F192O001	Reset	Trip circuit superv. 2 alarm	ALA	21200
	192	E1	EV_NODAT	2	1	0	0	F192O001	Activated	Trip circuit superv. 2 alarm	ALA	21200
	192	E2	EV_NODAT	4	0	1	0	F192I002	Inactive	Trip circuit superv. 2 block	BLK	21201
	192	E3	EV_NODAT	8	1	1	0	F192I002	Active	Trip circuit superv. 2 block	BLK	21201
			Default mask=	10								
/* 100193 / Rev B CMTRAV1 */												
	193	E0	EV_NODAT	1	0	0	1	F193O001	Reset	Breaker 1 open travel alarm	ALA	21300
	193	E1	EV_NODAT	2	1	0	0	F193O001	Activated	Breaker 1 open travel alarm	ALA	21300
	193	E2	EV_NODAT	4	0	1	1	F193O002	Reset	Breaker 1 close travel alarm	ALA	21301
	193	E3	EV_NODAT	8	1	1	0	F193O002	Activated	Breaker 1 close travel alarm	ALA	21301
			Default mask=	10								
/* 100194 / Rev A CMGAS3 */												
	194	E0	EV_3BIT_1	1	0	0	1	F194O001	Reset	Low gas density alarm	ALA	21400
	194	E1	EV_3BIT_1	2	1	0	0	F194O001	Activated	Low gas density alarm	ALA	21400
	194	E2	EV_NODAT	4	0	1	0	F194I001	Inactive	Low gas density warning L1	ALA	21401
	194	E3	EV_NODAT	8	1	1	0	F194I001	Active	Low gas density warning L1	ALA	21401
	194	E4	EV_NODAT	16	0	2	0	F194I002	Inactive	Low gas density warning L2	ALA	21402
	194	E5	EV_NODAT	32	1	2	0	F194I002	Active	Low gas density warning L2	ALA	21402
	194	E6	EV_NODAT	64	0	3	0	F194I003	Inactive	Low gas density warning L3	ALA	21403
	194	E7	EV_NODAT	128	1	3	0	F194I003	Active	Low gas density warning L3	ALA	21403
			Default mask=	170								
/* 100200 / Rev D MECU3A */												
	200	E0	EV_FLOAT	1	0	1	1	F200I001	High warning reset	IL1	CUR	22001
	200	E1	EV_FLOAT;IQ=HW	2	0	1	0	F200I001	High warning activated	IL1	CUR	22001
	200	E2	EV_FLOAT	4	0	2	1	F200I002	High warning reset	IL2	CUR	22002
	200	E3	EV_FLOAT;IQ=HW	8	0	2	0	F200I002	High warning activated	IL2	CUR	22002
	200	E4	EV_FLOAT	16	0	3	1	F200I003	High warning reset	IL3	CUR	22003
	200	E5	EV_FLOAT;IQ=HW	32	0	3	0	F200I003	High warning activated	IL3	CUR	22003
	200	E6	EV_FLOAT	64	0	1	0	F200I001	High alarm reset	IL1	CUR	22001
	200	E7	EV_FLOAT;IQ=HA	128	0	1	0	F200I001	High alarm activated	IL1	CUR	22001
	200	E8	EV_FLOAT	256	0	2	0	F200I002	High alarm reset	IL2	CUR	22002
	200	E9	EV_FLOAT;IQ=HA	512	0	2	0	F200I002	High alarm activated	IL2	CUR	22002
	200	E10	EV_FLOAT	1024	0	3	0	F200I003	High alarm reset	IL3	CUR	22003
	200	E11	EV_FLOAT;IQ=HA	2048	0	3	0	F200I003	High alarm activated	IL3	CUR	22003
	200	E12	EV_FLOAT	4096	0	1	0	F200I001	Low warning reset	IL1	CUR	22001
	200	E13	EV_FLOAT;IQ=LW	8192	0	1	0	F200I001	Low warning activated	IL1	CUR	22001
	200	E14	EV_FLOAT	16384	0	2	0	F200I002	Low warning reset	IL2	CUR	22002
	200	E15	EV_FLOAT;IQ=LW	32768	0	2	0	F200I002	Low warning activated	IL2	CUR	22002
	200	E16	EV_FLOAT	65536	0	3	0	F200I003	Low warning reset	IL3	CUR	22003
	200	E17	EV_FLOAT;IQ=LW	131072	0	3	0	F200I003	Low warning activated	IL3	CUR	22003
	200	E18	EV_FLOAT	262144	0	1	0	F200I001	Low alarm reset	IL1	CUR	22001
	200	E19	EV_FLOAT;IQ=LA	524288	0	1	0	F200I001	Low alarm activated	IL1	CUR	22001
	200	E20	EV_FLOAT	1048576	0	2	0	F200I002	Low alarm reset	IL2	CUR	22002
	200	E21	EV_FLOAT;IQ=LA	2097152	0	2	0	F200I002	Low alarm activated	IL2	CUR	22002
	200	E22	EV_FLOAT	4194304	0	3	0	F200I003	Low alarm reset	IL3	CUR	22003
	200	E23	EV_FLOAT;IQ=LA	8388608	0	3	0	F200I003	Low alarm activated	IL3	CUR	22003
	200	E25	EV_FLOAT	33554432	0	1	0	F200I001	Delta	IL1	CUR	22001
	200	E27	EV_FLOAT	134217728	0	2	0	F200I002	Delta	IL2	CUR	22002
	200	E29	EV_FLOAT	536870912	0	3	0	F200I003	Delta	IL3	CUR	22003
			Default mask=	0								
/* 100201 / Rev D MECU1A */												
	201	E0	EV_FLOAT	1	0	1	1	F201I001	High warning reset	Io	CUR	22101
	201	E1	EV_FLOAT;IQ=HW	2	0	1	0	F201I001	High warning activated	Io	CUR	22101
	201	E2	EV_FLOAT	4	0	1	0	F201I001	High alarm reset	Io	CUR	22101
	201	E3	EV_FLOAT;IQ=HA	8	0	1	0	F201I001	High alarm activated	Io	CUR	22101
	201	E5	EV_FLOAT	32	0	1	0	F201I001	Delta	Io	CUR	22101
			Default mask=	0								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100202 / Rev C MECU3B */												
	202	E0	EV_FLOAT	1	0	1	1	F202I001	High warning reset	IL1	CUR	22201
	202	E1	EV_FLOAT;IQ=HW	2	0	1	0	F202I001	High warning activated	IL1	CUR	22201
	202	E2	EV_FLOAT	4	0	2	1	F202I002	High warning reset	IL2	CUR	22202
	202	E3	EV_FLOAT;IQ=HW	8	0	2	0	F202I002	High warning activated	IL2	CUR	22202
	202	E4	EV_FLOAT	16	0	3	1	F202I003	High warning reset	IL3	CUR	22203
	202	E5	EV_FLOAT;IQ=HW	32	0	3	0	F202I003	High warning activated	IL3	CUR	22203
	202	E6	EV_FLOAT	64	0	1	0	F202I001	High alarm reset	IL1	CUR	22201
	202	E7	EV_FLOAT;IQ=HA	128	0	1	0	F202I001	High alarm activated	IL1	CUR	22201
	202	E8	EV_FLOAT	256	0	2	0	F202I002	High alarm reset	IL2	CUR	22202
	202	E9	EV_FLOAT;IQ=HA	512	0	2	0	F202I002	High alarm activated	IL2	CUR	22202
	202	E10	EV_FLOAT	1024	0	3	0	F202I003	High alarm reset	IL3	CUR	22203
	202	E11	EV_FLOAT;IQ=HA	2048	0	3	0	F202I003	High alarm activated	IL3	CUR	22203
	202	E12	EV_FLOAT	4096	0	1	0	F202I001	Low warning reset	IL1	CUR	22201
	202	E13	EV_FLOAT;IQ=LW	8192	0	1	0	F202I001	Low warning activated	IL1	CUR	22201
	202	E14	EV_FLOAT	16384	0	2	0	F202I002	Low warning reset	IL2	CUR	22202
	202	E15	EV_FLOAT;IQ=LW	32768	0	2	0	F202I002	Low warning activated	IL2	CUR	22202
	202	E16	EV_FLOAT	65536	0	3	0	F202I003	Low warning reset	IL3	CUR	22203
	202	E17	EV_FLOAT;IQ=LW	131072	0	3	0	F202I003	Low warning activated	IL3	CUR	22203
	202	E18	EV_FLOAT	262144	0	1	0	F202I001	Low alarm reset	IL1	CUR	22201
	202	E19	EV_FLOAT;IQ=LA	524288	0	1	0	F202I001	Low alarm activated	IL1	CUR	22201
	202	E20	EV_FLOAT	1048576	0	2	0	F202I002	Low alarm reset	IL2	CUR	22202
	202	E21	EV_FLOAT;IQ=LA	2097152	0	2	0	F202I002	Low alarm activated	IL2	CUR	22202
	202	E22	EV_FLOAT	4194304	0	3	0	F202I003	Low alarm reset	IL3	CUR	22203
	202	E23	EV_FLOAT;IQ=LA	8388608	0	3	0	F202I003	Low alarm activated	IL3	CUR	22203
	202	E25	EV_FLOAT	33554432	0	1	0	F202I001	Delta	IL1	CUR	22201
	202	E27	EV_FLOAT	134217728	0	2	0	F202I002	Delta	IL2	CUR	22202
	202	E29	EV_FLOAT	536870912	0	3	0	F202I003	Delta	IL3	CUR	22203
			Default mask=	0								
/* 100203 / Rev D MECU1B */												
	203	E0	EV_FLOAT	1	0	1	1	F203I001	High warning reset (LV)	Io	NCU	22301
	203	E1	EV_FLOAT;IQ=HW	2	0	1	0	F203I001	High warning activated (LV)	Io	NCU	22301
	203	E2	EV_FLOAT	4	0	1	0	F203I001	High alarm reset (LV)	Io	NCU	22301
	203	E3	EV_FLOAT;IQ=HA	8	0	1	0	F203I001	High alarm activated (LV)	Io	NCU	22301
	203	E5	EV_FLOAT	32	0	1	0	F203I001	Delta (LV)	Io	NCU	22301
			Default mask=	0								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100204 / Rev E MEVO3A */												
	204	E0	EV_FLOAT	1	0	1	1	F204I001	High warning reset	UL1	VOL	22401
	204	E1	EV_FLOAT;IQ=HW	2	0	1	0	F204I001	High warning activated	UL1	VOL	22401
	204	E2	EV_FLOAT	4	0	2	1	F204I002	High warning reset	UL2	VOL	22402
	204	E3	EV_FLOAT;IQ=HW	8	0	2	0	F204I002	High warning activated	UL2	VOL	22402
	204	E4	EV_FLOAT	16	0	3	1	F204I003	High warning reset	UL3	VOL	22403
	204	E5	EV_FLOAT;IQ=HW	32	0	3	0	F204I003	High warning activated	UL3	VOL	22403
	204	E6	EV_FLOAT	64	0	1	0	F204I001	High alarm reset	UL1	VOL	22401
	204	E7	EV_FLOAT;IQ=HA	128	0	1	0	F204I001	High alarm activated	UL1	VOL	22401
	204	E8	EV_FLOAT	256	0	2	0	F204I002	High alarm reset	UL2	VOL	22402
	204	E9	EV_FLOAT;IQ=HA	512	0	2	0	F204I002	High alarm activated	UL2	VOL	22402
	204	E10	EV_FLOAT	1024	0	3	0	F204I003	High alarm reset	UL3	VOL	22403
	204	E11	EV_FLOAT;IQ=HA	2048	0	3	0	F204I003	High alarm activated	UL3	VOL	22403
	204	E12	EV_FLOAT	4096	0	1	0	F204I001	Low warning reset	UL1	VOL	22401
	204	E13	EV_FLOAT;IQ=LW	8192	0	1	0	F204I001	Low warning activated	UL1	VOL	22401
	204	E14	EV_FLOAT	16384	0	2	0	F204I002	Low warning reset	UL2	VOL	22402
	204	E15	EV_FLOAT;IQ=LW	32768	0	2	0	F204I002	Low warning activated	UL2	VOL	22402
	204	E16	EV_FLOAT	65536	0	3	0	F204I003	Low warning reset	UL3	VOL	22403
	204	E17	EV_FLOAT;IQ=LW	131072	0	3	0	F204I003	Low warning activated	UL3	VOL	22403
	204	E18	EV_FLOAT	262144	0	1	0	F204I001	Low alarm reset	UL1	VOL	22401
	204	E19	EV_FLOAT;IQ=LA	524288	0	1	0	F204I001	Low alarm activated	UL1	VOL	22401
	204	E20	EV_FLOAT	1048576	0	2	0	F204I002	Low alarm reset	UL2	VOL	22402
	204	E21	EV_FLOAT;IQ=LA	2097152	0	2	0	F204I002	Low alarm activated	UL2	VOL	22402
	204	E22	EV_FLOAT	4194304	0	3	0	F204I003	Low alarm reset	UL3	VOL	22403
	204	E23	EV_FLOAT;IQ=LA	8388608	0	3	0	F204I003	Low alarm activated	UL3	VOL	22403
	204	E25	EV_FLOAT	33554432	0	1	0	F204I001	Delta	UL1	VOL	22401
	204	E27	EV_FLOAT	134217728	0	2	0	F204I002	Delta	UL2	VOL	22402
	204	E29	EV_FLOAT	536870912	0	3	0	F204I003	Delta	UL3	VOL	22403
			Default mask=	0								
	204	E32	EV_FLOAT	1	0	4	1	F204I001	High warning reset	U12	VOL	22404
	204	E33	EV_FLOAT;IQ=HW	2	0	4	0	F204I001	High warning activated	U12	VOL	22404
	204	E34	EV_FLOAT	4	0	5	1	F204I002	High warning reset	U23	VOL	22405
	204	E35	EV_FLOAT;IQ=HW	8	0	5	0	F204I002	High warning activated	U23	VOL	22405
	204	E36	EV_FLOAT	16	0	6	1	F204I003	High warning reset	U31	VOL	22406
	204	E37	EV_FLOAT;IQ=HW	32	0	6	0	F204I003	High warning activated	U31	VOL	22406
	204	E38	EV_FLOAT	64	0	4	0	F204I001	High alarm reset	U12	VOL	22404
	204	E39	EV_FLOAT;IQ=HA	128	0	4	0	F204I001	High alarm activated	U12	VOL	22404
	204	E40	EV_FLOAT	256	0	5	0	F204I002	High alarm reset	U23	VOL	22405
	204	E41	EV_FLOAT;IQ=HA	512	0	5	0	F204I002	High alarm activated	U23	VOL	22405
	204	E42	EV_FLOAT	1024	0	6	0	F204I003	High alarm reset	U31	VOL	22406
	204	E43	EV_FLOAT;IQ=HA	2048	0	6	0	F204I003	High alarm activated	U31	VOL	22406
	204	E44	EV_FLOAT	4096	0	4	0	F204I001	Low warning reset	U12	VOL	22404
	204	E45	EV_FLOAT;IQ=LW	8192	0	4	0	F204I001	Low warning activated	U12	VOL	22404
	204	E46	EV_FLOAT	16384	0	5	0	F204I002	Low warning reset	U23	VOL	22405
	204	E47	EV_FLOAT;IQ=LW	32768	0	5	0	F204I002	Low warning activated	U23	VOL	22405
	204	E48	EV_FLOAT	65536	0	6	0	F204I003	Low warning reset	U31	VOL	22406
	204	E49	EV_FLOAT;IQ=LW	131072	0	6	0	F204I003	Low warning activated	U31	VOL	22406
	204	E50	EV_FLOAT	262144	0	4	0	F204I001	Low alarm reset	U12	VOL	22404
	204	E51	EV_FLOAT;IQ=LA	524288	0	4	0	F204I001	Low alarm activated	U12	VOL	22404
	204	E52	EV_FLOAT	1048576	0	5	0	F204I002	Low alarm reset	U23	VOL	22405
	204	E53	EV_FLOAT;IQ=LA	2097152	0	5	0	F204I002	Low alarm activated	U23	VOL	22405
	204	E54	EV_FLOAT	4194304	0	6	0	F204I003	Low alarm reset	U31	VOL	22406
	204	E55	EV_FLOAT;IQ=LA	8388608	0	6	0	F204I003	Low alarm activated	U31	VOL	22406
	204	E57	EV_FLOAT	33554432	0	4	0	F204I001	Delta	U12	VOL	22404
	204	E59	EV_FLOAT	134217728	0	5	0	F204I002	Delta	U23	VOL	22405
	204	E61	EV_FLOAT	536870912	0	6	0	F204I003	Delta	U31	VOL	22406
			Default mask=	0								
/* 100205 / Rev F MEVO1A */												
	205	E0	EV_FLOAT	1	0	1	1	F205I001	High warning reset	Uo	VOL	22501
	205	E1	EV_FLOAT;IQ=HW	2	0	1	0	F205I001	High warning activated	Uo	VOL	22501
	205	E2	EV_FLOAT	4	0	1	0	F205I001	High alarm reset	Uo	VOL	22501
	205	E3	EV_FLOAT;IQ=HA	8	0	1	0	F205I001	High alarm activated	Uo	VOL	22501
	205	E5	EV_FLOAT	32	0	1	0	F205I001	Delta	Uo	VOL	22501
			Default mask=	0								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100206 / Rev C MEVO3B */												
	206	E0	EV_FLOAT	1	0	1	1	F206I001	High warning reset	UL1	VOL	22601
	206	E1	EV_FLOAT;IQ=HW	2	0	1	0	F206I001	High warning activated	UL1	VOL	22601
	206	E2	EV_FLOAT	4	0	2	1	F206I002	High warning reset	UL2	VOL	22602
	206	E3	EV_FLOAT;IQ=HW	8	0	2	0	F206I002	High warning activated	UL2	VOL	22602
	206	E4	EV_FLOAT	16	0	3	1	F206I003	High warning reset	UL3	VOL	22603
	206	E5	EV_FLOAT;IQ=HW	32	0	3	0	F206I003	High warning activated	UL3	VOL	22603
	206	E6	EV_FLOAT	64	0	1	0	F206I001	High alarm reset	UL1	VOL	22601
	206	E7	EV_FLOAT;IQ=HA	128	0	1	0	F206I001	High alarm activated	UL1	VOL	22601
	206	E8	EV_FLOAT	256	0	2	0	F206I002	High alarm reset	UL2	VOL	22602
	206	E9	EV_FLOAT;IQ=HA	512	0	2	0	F206I002	High alarm activated	UL2	VOL	22602
	206	E10	EV_FLOAT	1024	0	3	0	F206I003	High alarm reset	UL3	VOL	22603
	206	E11	EV_FLOAT;IQ=HA	2048	0	3	0	F206I003	High alarm activated	UL3	VOL	22603
	206	E12	EV_FLOAT	4096	0	1	0	F206I001	Low warning reset	UL1	VOL	22601
	206	E13	EV_FLOAT;IQ=LW	8192	0	1	0	F206I001	Low warning activated	UL1	VOL	22601
	206	E14	EV_FLOAT	16384	0	2	0	F206I002	Low warning reset	UL2	VOL	22602
	206	E15	EV_FLOAT;IQ=LW	32768	0	2	0	F206I002	Low warning activated	UL2	VOL	22602
	206	E16	EV_FLOAT	65536	0	3	0	F206I003	Low warning reset	UL3	VOL	22603
	206	E17	EV_FLOAT;IQ=LW	131072	0	3	0	F206I003	Low warning activated	UL3	VOL	22603
	206	E18	EV_FLOAT	262144	0	1	0	F206I001	Low alarm reset	UL1	VOL	22601
	206	E19	EV_FLOAT;IQ=LA	524288	0	1	0	F206I001	Low alarm activated	UL1	VOL	22601
	206	E20	EV_FLOAT	1048576	0	2	0	F206I002	Low alarm reset	UL2	VOL	22602
	206	E21	EV_FLOAT;IQ=LA	2097152	0	2	0	F206I002	Low alarm activated	UL2	VOL	22602
	206	E22	EV_FLOAT	4194304	0	3	0	F206I003	Low alarm reset	UL3	VOL	22603
	206	E23	EV_FLOAT;IQ=LA	8388608	0	3	0	F206I003	Low alarm activated	UL3	VOL	22603
	206	E25	EV_FLOAT	33554432	0	1	0	F206I001	Delta	UL1	VOL	22601
	206	E27	EV_FLOAT	134217728	0	2	0	F206I002	Delta	UL2	VOL	22602
	206	E29	EV_FLOAT	536870912	0	3	0	F206I003	Delta	UL3	VOL	22603
			Default mask=	0								
	206	E32	EV_FLOAT	1	0	4	1	F206I001	High warning reset	U12	VOL	22604
	206	E33	EV_FLOAT;IQ=HW	2	0	4	0	F206I001	High warning activated	U12	VOL	22604
	206	E34	EV_FLOAT	4	0	5	1	F206I002	High warning reset	U23	VOL	22605
	206	E35	EV_FLOAT;IQ=HW	8	0	5	0	F206I002	High warning activated	U23	VOL	22605
	206	E36	EV_FLOAT	16	0	6	1	F206I003	High warning reset	U31	VOL	22606
	206	E37	EV_FLOAT;IQ=HW	32	0	6	0	F206I003	High warning activated	U31	VOL	22606
	206	E38	EV_FLOAT	64	0	4	0	F206I001	High alarm reset	U12	VOL	22604
	206	E39	EV_FLOAT;IQ=HA	128	0	4	0	F206I001	High alarm activated	U12	VOL	22604
	206	E40	EV_FLOAT	256	0	5	0	F206I002	High alarm reset	U23	VOL	22605
	206	E41	EV_FLOAT;IQ=HA	512	0	5	0	F206I002	High alarm activated	U23	VOL	22605
	206	E42	EV_FLOAT	1024	0	6	0	F206I003	High alarm reset	U31	VOL	22606
	206	E43	EV_FLOAT;IQ=HA	2048	0	6	0	F206I003	High alarm activated	U31	VOL	22606
	206	E44	EV_FLOAT	4096	0	4	0	F206I001	Low warning reset	U12	VOL	22604
	206	E45	EV_FLOAT;IQ=LW	8192	0	4	0	F206I001	Low warning activated	U12	VOL	22604
	206	E46	EV_FLOAT	16384	0	5	0	F206I002	Low warning reset	U23	VOL	22605
	206	E47	EV_FLOAT;IQ=LW	32768	0	5	0	F206I002	Low warning activated	U23	VOL	22605
	206	E48	EV_FLOAT	65536	0	6	0	F206I003	Low warning reset	U31	VOL	22606
	206	E49	EV_FLOAT;IQ=LW	131072	0	6	0	F206I003	Low warning activated	U31	VOL	22606
	206	E50	EV_FLOAT	262144	0	4	0	F206I001	Low alarm reset	U12	VOL	22604
	206	E51	EV_FLOAT;IQ=LA	524288	0	4	0	F206I001	Low alarm activated	U12	VOL	22604
	206	E52	EV_FLOAT	1048576	0	5	0	F206I002	Low alarm reset	U23	VOL	22605
	206	E53	EV_FLOAT;IQ=LA	2097152	0	5	0	F206I002	Low alarm activated	U23	VOL	22605
	206	E54	EV_FLOAT	4194304	0	6	0	F206I003	Low alarm reset	U31	VOL	22606
	206	E55	EV_FLOAT;IQ=LA	8388608	0	6	0	F206I003	Low alarm activated	U31	VOL	22606
	206	E57	EV_FLOAT	33554432	0	4	0	F206I001	Delta	U12	VOL	22604
	206	E59	EV_FLOAT	134217728	0	5	0	F206I002	Delta	U23	VOL	22605
	206	E61	EV_FLOAT	536870912	0	6	0	F206I003	Delta	U31	VOL	22606
			Default mask=	0								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100207 / Rev G MEPE7 */												
	207	E0	EV_FLOAT	1	0	1	1	F207I001	High warning reset	P3	APW	22701
	207	E1	EV_FLOAT;IQ=HW	2	0	1	0	F207I001	High warning activated	P3	APW	22701
	207	E2	EV_FLOAT	4	0	1	0	F207I001	High alarm reset	P3	APW	22701
	207	E3	EV_FLOAT;IQ=HA	8	0	1	0	F207I001	High alarm activated	P3	APW	22701
	207	E4	EV_FLOAT	16	0	2	1	F207I002	High warning reset	Q3	RPW	22702
	207	E5	EV_FLOAT;IQ=HW	32	0	2	0	F207I002	High warning activated	Q3	RPW	22702
	207	E6	EV_FLOAT	64	0	2	0	F207I002	High alarm reset	Q3	RPW	22702
	207	E7	EV_FLOAT;IQ=HA	128	0	2	0	F207I002	High alarm activated	Q3	RPW	22702
	207	E8	EV_FLOAT	256	0	1	0	F207I001	Low warning reset	P3	APW	22701
	207	E9	EV_FLOAT;IQ=LW	512	0	1	0	F207I001	Low warning activated	P3	APW	22701
	207	E10	EV_FLOAT	1024	0	1	0	F207I001	Low alarm reset	P3	APW	22701
	207	E11	EV_FLOAT;IQ=LA	2048	0	1	0	F207I001	Low alarm activated	P3	APW	22701
	207	E12	EV_FLOAT	4096	0	2	0	F207I002	Low warning reset	Q3	RPW	22702
	207	E13	EV_FLOAT;IQ=LW	8192	0	2	0	F207I002	Low warning activated	Q3	RPW	22702
	207	E14	EV_FLOAT	16384	0	2	0	F207I002	Low alarm reset	Q3	RPW	22702
	207	E15	EV_FLOAT;IQ=LA	32768	0	2	0	F207I002	Low alarm activated	Q3	RPW	22702
	207	E17	EV_FLOAT	131072	0	1	0	F207I001	Delta	P3	APW	22701
	207	E19	EV_FLOAT	524288	0	2	0	F207I002	Delta	Q3	RPW	22702
	207	E21	EV_FLOAT	2097152	0	3	0	-	Delta	S3	TPW	22703
	207	E23	EV_FLOAT	8388608	0	4	1	F207I003	Delta	DPF	DPF	22704
	207	E25	EV_FLOAT	33554432	0	5	0	F207V414	Delta	Active energy	RFE	22705
	207	E27	EV_FLOAT	134217728	0	6	0	F207V415	Delta	Active reverse energy	RRE	22706
	207	E29	EV_FLOAT	536870912	0	7	0	F207V416	Delta	Reactive energy	AFE	22707
	207	E31	EV_FLOAT	2147483648	0	8	0	F207V417	Delta	Reactive reverse energy	ARE	22708
			Default mask=	0								
/* 100208 / Rev D MEFR1 */												
	208	E0	EV_FLOAT	1	0	1	1	F208I001	High warning reset	Frequency	FRQ	22801
	208	E1	EV_FLOAT;IQ=HW	2	0	1	0	F208I001	High warning activated	Frequency	FRQ	22801
	208	E2	EV_FLOAT	4	0	1	0	F208I001	High alarm reset	Frequency	FRQ	22801
	208	E3	EV_FLOAT;IQ=HA	8	0	1	0	F208I001	High alarm activated	Frequency	FRQ	22801
	208	E4	EV_FLOAT	16	0	1	0	F208I001	Low warning reset	Frequency	FRQ	22801
	208	E5	EV_FLOAT;IQ=LW	32	0	1	0	F208I001	Low warning activated	Frequency	FRQ	22801
	208	E6	EV_FLOAT	64	0	1	0	F208I001	Low alarm reset	Frequency	FRQ	22801
	208	E7	EV_FLOAT;IQ=LA	128	0	1	0	F208I001	Low alarm activated	Frequency	FRQ	22801
	208	E9	EV_FLOAT	512	0	1	0	F208I001	Delta	Frequency	FRQ	22801
			Default mask=	0								
/* 100213 / Rev C MEAI1 */												
	213	E0	EV_FLOAT	1	0	1	1	F213I001	High warning reset	MEAI1 value	VOL	23301
	213	E1	EV_FLOAT;IQ=HW	2	0	1	0	F213I001	High warning activated	MEAI1 value	VOL	23301
	213	E2	EV_FLOAT	4	0	1	0	F213I001	High alarm reset	MEAI1 value	VOL	23301
	213	E3	EV_FLOAT;IQ=HA	8	0	1	0	F213I001	High alarm activated	MEAI1 value	VOL	23301
	213	E4	EV_FLOAT	16	0	1	0	F213I001	Low warning reset	MEAI1 value	VOL	23301
	213	E5	EV_FLOAT;IQ=LW	32	0	1	0	F213I001	Low warning activated	MEAI1 value	VOL	23301
	213	E6	EV_FLOAT	64	0	1	0	F213I001	Low alarm reset	MEAI1 value	VOL	23301
	213	E7	EV_FLOAT;IQ=LA	128	0	1	0	F213I001	Low alarm activated	MEAI1 value	VOL	23301
	213	E8	EV_FLOAT	256	0	1	0	F213I001	Value is valid	MEAI1 value	VOL	23301
	213	E9	EV_FLOAT;IQ=IV	512	0	1	0	F213I001	Value is invalid	MEAI1 value	VOL	23301
	213	E11	EV_FLOAT	2048	0	1	0	F213I001	Delta	MEAI1 value	VOL	23301
			Default mask=	0								
/* 100214 / Rev C MEAI2 */												
	214	E0	EV_FLOAT	1	0	1	1	F214I001	High warning reset	MEAI2 value	VOL	23401
	214	E1	EV_FLOAT;IQ=HW	2	0	1	0	F214I001	High warning activated	MEAI2 value	VOL	23401
	214	E2	EV_FLOAT	4	0	1	0	F214I001	High alarm reset	MEAI2 value	VOL	23401
	214	E3	EV_FLOAT;IQ=HA	8	0	1	0	F214I001	High alarm activated	MEAI2 value	VOL	23401
	214	E4	EV_FLOAT	16	0	1	0	F214I001	Low warning reset	MEAI2 value	VOL	23401
	214	E5	EV_FLOAT;IQ=LW	32	0	1	0	F214I001	Low warning activated	MEAI2 value	VOL	23401
	214	E6	EV_FLOAT	64	0	1	0	F214I001	Low alarm reset	MEAI2 value	VOL	23401
	214	E7	EV_FLOAT;IQ=LA	128	0	1	0	F214I001	Low alarm activated	MEAI2 value	VOL	23401
	214	E8	EV_FLOAT	256	0	1	0	F214I001	Value is valid	MEAI2 value	VOL	23401
	214	E9	EV_FLOAT;IQ=IV	512	0	1	0	F214I001	Value is invalid	MEAI2 value	VOL	23401
	214	E11	EV_FLOAT	2048	0	1	0	F214I001	Delta	MEAI2 value	VOL	23401
			Default mask=	0								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100215 / Rev C MEAI3 */												
	215	E0	EV_FLOAT	1	0	1	1	F215I001	High warning reset	MEAI3 value	VOL	23501
	215	E1	EV_FLOAT;IQ=HW	2	0	1	0	F215I001	High warning activated	MEAI3 value	VOL	23501
	215	E2	EV_FLOAT	4	0	1	0	F215I001	High alarm reset	MEAI3 value	VOL	23501
	215	E3	EV_FLOAT;IQ=HA	8	0	1	0	F215I001	High alarm activated	MEAI3 value	VOL	23501
	215	E4	EV_FLOAT	16	0	1	0	F215I001	Low warning reset	MEAI3 value	VOL	23501
	215	E5	EV_FLOAT;IQ=LW	32	0	1	0	F215I001	Low warning activated	MEAI3 value	VOL	23501
	215	E6	EV_FLOAT	64	0	1	0	F215I001	Low alarm reset	MEAI3 value	VOL	23501
	215	E7	EV_FLOAT;IQ=LA	128	0	1	0	F215I001	Low alarm activated	MEAI3 value	VOL	23501
	215	E8	EV_FLOAT	256	0	1	0	F215I001	Value is valid	MEAI3 value	VOL	23501
	215	E9	EV_FLOAT;IQ=IV	512	0	1	0	F215I001	Value is invalid	MEAI3 value	VOL	23501
	215	E11	EV_FLOAT	2048	0	1	0	F215I001	Delta	MEAI3 value	VOL	23501
			Default mask=	0								
/* 100216 / Rev C MEAI4 */												
	216	E0	EV_FLOAT	1	0	1	1	F216I001	High warning reset	MEAI4 value	VOL	23601
	216	E1	EV_FLOAT;IQ=HW	2	0	1	0	F216I001	High warning activated	MEAI4 value	VOL	23601
	216	E2	EV_FLOAT	4	0	1	0	F216I001	High alarm reset	MEAI4 value	VOL	23601
	216	E3	EV_FLOAT;IQ=HA	8	0	1	0	F216I001	High alarm activated	MEAI4 value	VOL	23601
	216	E4	EV_FLOAT	16	0	1	0	F216I001	Low warning reset	MEAI4 value	VOL	23601
	216	E5	EV_FLOAT;IQ=LW	32	0	1	0	F216I001	Low warning activated	MEAI4 value	VOL	23601
	216	E6	EV_FLOAT	64	0	1	0	F216I001	Low alarm reset	MEAI4 value	VOL	23601
	216	E7	EV_FLOAT;IQ=LA	128	0	1	0	F216I001	Low alarm activated	MEAI4 value	VOL	23601
	216	E8	EV_FLOAT	256	0	1	0	F216I001	Value is valid	MEAI4 value	VOL	23601
	216	E9	EV_FLOAT;IQ=IV	512	0	1	0	F216I001	Value is invalid	MEAI4 value	VOL	23601
	216	E11	EV_FLOAT	2048	0	1	0	F216I001	Delta	MEAI4 value	VOL	23601
			Default mask=	0								
/* 100217 / Rev C MEAI5 */												
	217	E0	EV_FLOAT	1	0	1	1	F217I001	High warning reset	MEIA5 value	VOL	23701
	217	E1	EV_FLOAT;IQ=HW	2	0	1	0	F217I001	High warning activated	MEAI5 value	VOL	23701
	217	E2	EV_FLOAT	4	0	1	0	F217I001	High alarm reset	MEAI5 value	VOL	23701
	217	E3	EV_FLOAT;IQ=HA	8	0	1	0	F217I001	High alarm activated	MEAI5 value	VOL	23701
	217	E4	EV_FLOAT	16	0	1	0	F217I001	Low warning reset	MEAI5 value	VOL	23701
	217	E5	EV_FLOAT;IQ=LW	32	0	1	0	F217I001	Low warning activated	MEAI5 value	VOL	23701
	217	E6	EV_FLOAT	64	0	1	0	F217I001	Low alarm reset	MEAI5 value	VOL	23701
	217	E7	EV_FLOAT;IQ=LA	128	0	1	0	F217I001	Low alarm activated	MEAI5 value	VOL	23701
	217	E8	EV_FLOAT	256	0	1	0	F217I001	Value is valid	MEAI5 value	VOL	23701
	217	E9	EV_FLOAT;IQ=IV	512	0	1	0	F217I001	Value is invalid	MEAI5 value	VOL	23701
	217	E11	EV_FLOAT	2048	0	1	0	F217I001	Delta	MEAI5 value	VOL	23701
			Default mask=	0								
/* 100218 / Rev C MEAI6 */												
	218	E0	EV_FLOAT	1	0	1	1	F218I001	High warning reset	MEAI6 value	VOL	23801
	218	E1	EV_FLOAT;IQ=HW	2	0	1	0	F218I001	High warning activated	MEAI6 value	VOL	23801
	218	E2	EV_FLOAT	4	0	1	0	F218I001	High alarm reset	MEAI6 value	VOL	23801
	218	E3	EV_FLOAT;IQ=HA	8	0	1	0	F218I001	High alarm activated	MEAI6 value	VOL	23801
	218	E4	EV_FLOAT	16	0	1	0	F218I001	Low warning reset	MEAI6 value	VOL	23801
	218	E5	EV_FLOAT;IQ=LW	32	0	1	0	F218I001	Low warning activated	MEAI6 value	VOL	23801
	218	E6	EV_FLOAT	64	0	1	0	F218I001	Low alarm reset	MEAI6 value	VOL	23801
	218	E7	EV_FLOAT;IQ=LA	128	0	1	0	F218I001	Low alarm activated	MEAI6 value	VOL	23801
	218	E8	EV_FLOAT	256	0	1	0	F218I001	Value is valid	MEAI6 value	VOL	23801
	218	E9	EV_FLOAT;IQ=IV	512	0	1	0	F218I001	Value is invalid	MEAI6 value	VOL	23801
	218	E11	EV_FLOAT	2048	0	1	0	F218I001	Delta	MEAI6 value	VOL	23801
			Default mask=	0								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100219 / Rev C MEAI7 */												
	219	E0	EV_FLOAT	1	0	1	1	F219I001	High warning reset	MEAI7 value	VOL	23901
	219	E1	EV_FLOAT;IQ=HW	2	0	1	0	F219I001	High warning activated	MEAI7 value	VOL	23901
	219	E2	EV_FLOAT	4	0	1	0	F219I001	High alarm reset	MEAI7 value	VOL	23901
	219	E3	EV_FLOAT;IQ=HA	8	0	1	0	F219I001	High alarm activated	MEAI7 value	VOL	23901
	219	E4	EV_FLOAT	16	0	1	0	F219I001	Low warning reset	MEAI7 value	VOL	23901
	219	E5	EV_FLOAT;IQ=LW	32	0	1	0	F219I001	Low warning activated	MEAI7 value	VOL	23901
	219	E6	EV_FLOAT	64	0	1	0	F219I001	Low alarm reset	MEAI7 value	VOL	23901
	219	E7	EV_FLOAT;IQ=LA	128	0	1	0	F219I001	Low alarm activated	MEAI7 value	VOL	23901
	219	E8	EV_FLOAT	256	0	1	0	F219I001	Value is valid	MEAI7 value	VOL	23901
	219	E9	EV_FLOAT;IQ=IV	512	0	1	0	F219I001	Value is invalid	MEAI7 value	VOL	23901
	219	E11	EV_FLOAT	2048	0	1	0	F219I001	Delta	MEAI7 value	VOL	23901
			Default mask=	0								
/* 100220 / Rev C MEAI8 */												
	220	E0	EV_FLOAT	1	0	1	1	F220I001	High warning reset	MEAI8 value	VOL	24001
	220	E1	EV_FLOAT;IQ=HW	2	0	1	0	F220I001	High warning activated	MEAI8 value	VOL	24001
	220	E2	EV_FLOAT	4	0	1	0	F220I001	High alarm reset	MEAI8 value	VOL	24001
	220	E3	EV_FLOAT;IQ=HA	8	0	1	0	F220I001	High alarm activated	MEAI8 value	VOL	24001
	220	E4	EV_FLOAT	16	0	1	0	F220I001	Low warning reset	MEAI8 value	VOL	24001
	220	E5	EV_FLOAT;IQ=LW	32	0	1	0	F220I001	Low warning activated	MEAI8 value	VOL	24001
	220	E6	EV_FLOAT	64	0	1	0	F220I001	Low alarm reset	MEAI8 value	VOL	24001
	220	E7	EV_FLOAT;IQ=LA	128	0	1	0	F220I001	Low alarm activated	MEAI8 value	VOL	24001
	220	E8	EV_FLOAT	256	0	1	0	F220I001	Value is valid	MEAI8 value	VOL	24001
	220	E9	EV_FLOAT;IQ=IV	512	0	1	0	F220I001	Value is invalid	MEAI8 value	VOL	24001
	220	E11	EV_FLOAT	2048	0	1	0	F220I001	Delta	MEAI8 value	VOL	24001
			Default mask=	0								
/* 100225 / Rev K MEDREC16 */												
	225	E0	EV_NODAT	1	1	0	0	-	Not full	Recorder memory	CMS	24500
	225	E1	EV_NODAT	2	1	0	0	-	Full	Recorder memory	CMS	24500
	225	E3	EV_NODAT	8	1	1	0	-	On	Overwrite of recording	CMS	24501
	225	E7	EV_NODAT	128	1	4	0	-	Failed	Manual trigger	CMS	24504
	225	E9	EV_NODAT	512	1	5	0	-	On	New recording made	INZ	24505
	225	E31	EV_NODAT	2147483648	1	3	0	-	On	Recorder triggered	INZ	24503
			Default mask=	2147484299								
/* 100226 / Rev D MEVO1B */												
	226	E0	EV_FLOAT	1	0	1	1	F226I001	High warning reset	Uo	VOL	24601
	226	E1	EV_FLOAT;IQ=HW	2	0	1	0	F226I001	High warning activated	Uo	VOL	24601
	226	E2	EV_FLOAT	4	0	1	0	F226I001	High alarm reset	Uo	VOL	24601
	226	E3	EV_FLOAT;IQ=HA	8	0	1	0	F226I001	High alarm activated	Uo	VOL	24601
	226	E5	EV_FLOAT	32	0	1	0	F226I001	Delta	Uo	VOL	24601
			Default mask=	0								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
/* 100230 / Rev B EVENT230 */												
	230	E0	EVENT230	1	0	0	0	-	E0	Customer event	INS	25000
	230	E1	EVENT230	2	0	0	0	-	E1	Customer event	INS	25000
	230	E2	EVENT230	4	0	1	0	-	E2	Customer event	INS	25001
	230	E3	EVENT230	8	0	1	0	-	E3	Customer event	INS	25001
	230	E4	EVENT230	16	0	2	0	-	E4	Customer event	INS	25002
	230	E5	EVENT230	32	0	2	0	-	E5	Customer event	INS	25002
	230	E6	EVENT230	64	0	3	0	-	E6	Customer event	INS	25003
	230	E7	EVENT230	128	0	3	0	-	E7	Customer event	INS	25003
	230	E8	EVENT230	256	0	4	0	-	E8	Customer event	INS	25004
	230	E9	EVENT230	512	0	4	0	-	E9	Customer event	INS	25004
	230	E10	EVENT230	1024	0	5	0	-	E10	Customer event	INS	25005
	230	E11	EVENT230	2048	0	5	0	-	E11	Customer event	INS	25005
	230	E12	EVENT230	4096	0	6	0	-	E12	Customer event	INS	25006
	230	E13	EVENT230	8192	0	6	0	-	E13	Customer event	INS	25006
	230	E14	EVENT230	16384	0	7	0	-	E14	Customer event	INS	25007
	230	E15	EVENT230	32768	0	7	0	-	E15	Customer event	INS	25007
	230	E16	EVENT230	65536	0	8	0	-	E16	Customer event	INS	25008
	230	E17	EVENT230	131072	0	8	0	-	E17	Customer event	INS	25008
	230	E18	EVENT230	262144	0	9	0	-	E18	Customer event	INS	25009
	230	E19	EVENT230	524288	0	9	0	-	E19	Customer event	INS	25009
	230	E20	EVENT230	1048576	0	10	0	-	E20	Customer event	INS	25010
	230	E21	EVENT230	2097152	0	10	0	-	E21	Customer event	INS	25010
	230	E22	EVENT230	4194304	0	11	0	-	E22	Customer event	INS	25011
	230	E23	EVENT230	8388608	0	11	0	-	E23	Customer event	INS	25011
	230	E24	EVENT230	16777216	0	12	0	-	E24	Customer event	INS	25012
	230	E25	EVENT230	33554432	0	12	0	-	E25	Customer event	INS	25012
	230	E26	EVENT230	67108864	0	13	0	-	E26	Customer event	INS	25013
	230	E27	EVENT230	134217728	0	13	0	-	E27	Customer event	INS	25013
	230	E28	EVENT230	268435456	0	14	0	-	E28	Customer event	INS	25014
	230	E29	EVENT230	536870912	0	14	0	-	E29	Customer event	INS	25014
	230	E30	EVENT230	1073741824	0	15	0	-	E30	Customer event	INS	25015
	230	E31	EVENT230	2147483648	0	15	0	-	E31	Customer event	INS	25015
			Default mask=	0								

	Channel	Code	Values	Weighting coefficient	Default	IEC address	GI Table	DB name	Event State	Event Reason	RX	Scada address
	230	E32	EVENT230	1	0	16	0	-	E32	Customer event	INS	25016
	230	E33	EVENT230	2	0	16	0	-	E33	Customer event	INS	25016
	230	E34	EVENT230	4	0	17	0	-	E34	Customer event	INS	25017
	230	E35	EVENT230	8	0	17	0	-	E35	Customer event	INS	25017
	230	E36	EVENT230	16	0	18	0	-	E36	Customer event	INS	25018
	230	E37	EVENT230	32	0	18	0	-	E37	Customer event	INS	25018
	230	E38	EVENT230	64	0	19	0	-	E38	Customer event	INS	25019
	230	E39	EVENT230	128	0	19	0	-	E39	Customer event	INS	25019
	230	E40	EVENT230	256	0	20	0	-	E40	Customer event	INS	25020
	230	E41	EVENT230	512	0	20	0	-	E41	Customer event	INS	25020
	230	E42	EVENT230	1024	0	21	0	-	E42	Customer event	INS	25021
	230	E43	EVENT230	2048	0	21	0	-	E43	Customer event	INS	25021
	230	E44	EVENT230	4096	0	22	0	-	E44	Customer event	INS	25022
	230	E45	EVENT230	8192	0	22	0	-	E45	Customer event	INS	25022
	230	E46	EVENT230	16384	0	23	0	-	E46	Customer event	INS	25023
	230	E47	EVENT230	32768	0	23	0	-	E47	Customer event	INS	25023
	230	E48	EVENT230	65536	0	24	0	-	E48	Customer event	INS	25024
	230	E49	EVENT230	131072	0	24	0	-	E49	Customer event	INS	25024
	230	E50	EVENT230	262144	0	25	0	-	E50	Customer event	INS	25025
	230	E51	EVENT230	524288	0	25	0	-	E51	Customer event	INS	25025
	230	E52	EVENT230	1048576	0	26	0	-	E52	Customer event	INS	25026
	230	E53	EVENT230	2097152	0	26	0	-	E53	Customer event	INS	25026
	230	E54	EVENT230	4194304	0	27	0	-	E54	Customer event	INS	25027
	230	E55	EVENT230	8388608	0	27	0	-	E55	Customer event	INS	25027
	230	E56	EVENT230	16777216	0	28	0	-	E56	Customer event	INS	25028
	230	E57	EVENT230	33554432	0	28	0	-	E57	Customer event	INS	25028
	230	E58	EVENT230	67108864	0	29	0	-	E58	Customer event	INS	25029
	230	E59	EVENT230	134217728	0	29	0	-	E59	Customer event	INS	25029
	230	E60	EVENT230	268435456	0	30	0	-	E60	Customer event	INS	25030
	230	E61	EVENT230	536870912	0	30	0	-	E61	Customer event	INS	25030
	230	E62	EVENT230	1073741824	0	31	0	-	E62	Customer event	INS	25031
	230	E63	EVENT230	2147483648	0	31	0	-	E63	Customer event	INS	25031
			Default mask=	0								
/* CH231 / Rev B CH231 */												
	231	E0	EV_NODAT	1	1	0	0	-	problem	LON communication	INS	25100
			Default mask=	1								
/* 100512 / Rev E PQCU3H */												
	512	E0	EV_NODAT	1	1	0	0	F512O001	Reset	PQCU3H:Harmonic limit	ALA	53200
	512	E1	EV_NODAT	2	1	0	0	F512O001	Exceeded	PQCU3H:Harmonic limit	ALA	53200
	512	E2	EV_INT16	4	1	1	0	F512O002	Exceeded	PQCU3H:Cumulative limit	ALA	53201
	512	E3	EV_NODAT	8	1	2	0	-	On	PQCU3H:Obs. period near end	OUT	53202
	512	E4	EV_NODAT	16	1	3	0	-	On	PQCU3H:Obs. period ended	OUT	53203
			Default mask=	31								
/* 100513 / Rev E PQVO3H */												
	513	E0	EV_NODAT	1	1	0	0	F513O001	Reset	PQVO3H:Harmonic limit	ALA	53300
	513	E1	EV_NODAT	2	1	0	0	F513O001	Exceeded	PQVO3H:Harmonic limit	ALA	53300
	513	E2	EV_INT16	4	1	1	0	F513O002	Exceeded	PQVO3H:Cumulative limit	ALA	53301
	513	E3	EV_NODAT	8	1	2	0	-	On	PQVO3H:Obs. period near end	OUT	53302
	513	E4	EV_NODAT	16	1	3	0	-	On	PQVO3H:Obs. period ended	OUT	53303
			Default mask=	31								
/* 100514 / Rev A PQVO3Sd */												
	514	E0	EV_NODAT	1	1	0	0	F514O007	Reset	PQVO3Sd: Voltage variation start	OUT	53400
	514	E1	EV_NODAT	2	1	0	0	F514O007	Activated	PQVO3Sd: Voltage variation start	OUT	53400
	514	E2	EV_NODAT	4	1	1	0	-	Ready	PQVO3Sd: Meas. values registered	PQR	53401
			Default mask=	7								