pert Grp	R number	R versio	CR Supplier	Title / short description	Issue date [dd.mm.yyyy]	roved / Withdrawn / Rejec	Date of decision [dd.mm.yyyy]	Description of change	Affected parts of the st	ented in standard v	Comment
IEHG	1		AT	B_B_TXTDSC	20.01.2006	Approved	19.10.2006	TXTDSC			
IEHG	2		AT	B_D	20.01.2006	Approved	19.10.2006	Add sentence			
IEHG	3		AT	B_J	20.01.2006	Approved	19.10.2006	Add a new lit. J			
IEHG	4		AT	D_2_3	20.01.2006	Approved	19.10.2006	LAKARE			
IEHG	5		AT	E_1_2	20.01.2006	Approved	19.10.2006	BUISGL			
IEHG	6		AT	G_2_2	20.01.2006	Approved	19.10.2006	hrbare			
IEHG	7		AT	G_2_7	20.01.2006	Approved	19.10.2006	DRYDOC			
IEHG	8		AT	G_2_8	20.01.2006	Approved	19.10.2006	flodoc and FLODOC			
IEHG	9		AT	G_2_13	20.01.2006	Approved	19.10.2006	CONVYR and convyr			
IEHG	10		AT	G_2_14	20.01.2006	Approved	19.10.2006	CRANES and cranes			
IEHG	11		IEHG	Contents	20.01.2006	Approved	19.10.2006	order of real world features			
IEHG	12		IEHG	Introduction, Background	20.01.2006	Approved	19.10.2006	US waterway info			
IEHG	13		IEHG	Introduction, Changes to the IENC Encoding Guide	20.01.2006	Approved	19.10.2006	Terms of Reference			
IEHG	14		IEHG	General Guidance, B, Attribute classes associated with all object classes	20.01.2006	Approved	19.10.2006	add NOBNM, NINFOM			
IEHG	15		IEHG	General Guidance, G, Navigational Purpose	20.01.2006	Approved	19.10.2006	Replace subfield..., delete sentence US...			
IEHG	16		IEHG	Geography, Tracks, Routes, Areas, Limits and Services (G, L, M, R)	20.01.2006	Approved	19.10.2006	unlocd should be always (C)			
IEHG	17		IEHG	C.1.4	20.01.2006	Approved	19.10.2006	SORDAT and SORIND			
IEHG	18		IEHG	C.1.5	20.01.2006	Approved	19.10.2006	SORDAT and SORIND			
IEHG	19		IEHG	C.1.6	20.01.2006	Approved	19.10.2006	SORDAT and SORIND			
IEHG	20		IEHG	C.1.7	20.01.2006	Approved	19.10.2006	SORDAT and SORIND			
IEHG	21		IEHG	D.2.4.	20.01.2006	Approved	19.10.2006	SORDAT and SORIND			
IEHG	22		IEHG	M.3.1.	20.01.2006	Approved	19.10.2006	INFORM			
IEHG	23		IEHG	G.1.2	20.01.2006	Approved	19.10.2006	OBJNAM			
IEHG	24		IEHG	G.1.3	20.01.2006	Approved	19.10.2006	NATCON, SLCONS shoudl be replaced by slcons			
IEHG	25		IEHG	G.1.5	20.01.2006	Approved	19.10.2006	WATLEV			
IEHG	26		IEHG	G.2.5	20.01.2006	Approved	19.10.2006	cathaf			
IEHG	27		IEHG	G.2.16	20.01.2006	Approved	19.10.2006	SORDAT			
IEHG	28		IEHG	G.3.9 - G.3.14	20.01.2006	Approved	19.10.2006	INFORM			
IEHG	29		IEHG	G.3.16	20.01.2006	Approved	19.10.2006	primitives should be line and area instead of point			
IEHG	30		IEHG	G.3.19	20.01.2006	Approved	19.10.2006	encoding instruction C			
IEHG	31		IEHG	I.1.1	20.01.2006	Approved	19.10.2006	QUASOU			
IEHG	32		IEHG	I.1.2	20.01.2006	Approved	19.10.2006	Encoding instruction A			
IEHG	33		IEHG	I.1.8	20.01.2006	Approved	19.10.2006	QUASOU			
IEHG	34		IEHG	J.3.1	20.01.2006	Approved	19.10.2006	INFORM			
IEHG	35		IEHG	K.1.1 and K.1.2	20.01.2006	Approved	19.10.2006	dirimp			
IEHG	36		IEHG	L.1.2	20.01.2006	Approved	19.10.2006	CATNAV			
IEHG	37		IEHG	L.2.3	20.01.2006	Approved	19.10.2006	cathfy			
IEHG	38		IEHG	L.3.2	20.01.2006	Approved	19.10.2006	encoding instruction B, hunits should be (M)			
IEHG	39		IEHG	M.4.1	20.01.2006	Approved	19.10.2006	INFORM			
IEHG	40		IEHG	M.4.2	20.01.2006	Approved	19.10.2006	OBJNAM			

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IEHG	41		IEHG	O.1.1	20.01.2006	Approved	19.10.2006	encoding instruction D, BOYSHP/catlam/COLOUR attributes			
IEHG	42		IEHG	O.1.2	20.01.2006	Approved	19.10.2006	encoding instruction D, BOYSHP/catlam/COLOUR attributes			
IEHG	43		IEHG	O.1.6	20.01.2006	Approved	19.10.2006	encoding instruction F, catlam/COLOUR attributes			
IEHG	44		IEHG	S.1.3	20.01.2006	Approved	19.10.2006	cathaf			
IEHG	45		DE	E_GEd_1_2_D_2_2_20070821	17.08.2007	Approved	Issue + 6 weeks	SCAMIN should be assigned to LNDRGN			
IEHG	46		DE	IENC Product Specification Ed_2_0_20070821	21.08.2007	Approved	Issue + 6 weeks	use the letter "A" for the usage identifier in the filename of IENCs of the usage overlay			
IEHG	47		US	change request - feet	01.11.2007	Approved	Issue + 6 weeks	add feet e.g. (M) VERCLR = [xx.x] (metres or feet)			
IEHG	48		AT	CR to accomodate S-57 edition 3_1_1_20071112	12.11.2007	Approved	Issue + 6 weeks	to accomodate S-57 edition 3.1.1			
IEHG	49		AT	CR_NATSUR	29.10.2008	Approved	Issue + 6 weeks	add NATSUR=...			
IEHG	50		BR	CR_C_1_3_final	18.11.2008	Approved	Issue + 6 weeks	To allow Brazilian specific Navigation System of Marks (m_nsys) to be encoded and in case of marsys 9,10 and 12 to be compliant with IENC_FC 21			
IEHG	51		BR	CR_O_1_10	24.11.2008	Approved	Issue + 6 weeks	To allow Brazilian specific Isolated Danger Buoy (BOYISD) on rivers to be encoded			
IEHG	52		BR	CR_O_2_5	24.11.2008	Approved	Issue + 6 weeks	To allow Brazilian specific Isolated Danger Beacon (BCNISD) on rivers to be encoded			
IEHG	53		BR	CR_PROD_SPEC_DATA_SET_FILES	24.11.2008	Approved	Issue + 6 weeks	Change Prod. Spec. To accommodate Brazilian situation of data set file naming			
IEHG	54		BR	CR_B_SORDAT	24.11.2008	Approved	Issue + 6 weeks	Proposed text: "BR: SORDAT is optional"			
IEHG	55		BR	CR_B_SORIND	24.11.2008	Approved	Issue + 6 weeks	Proposed text: "BR: SORIND is an optional attribute which may..."			
IEHG	56		BR	CR_O_1_10	24.11.2008	Approved	Issue + 6 weeks	new page in section O.1			
IEHG	57		BR	CR_O_2_5	24.11.2008	Approved	Issue + 6 weeks	new page in section O.2			
IEHG	58		AT	CR_G_3_17	16.12.2008	Approved	Issue + 6 weeks	add unlocd			
IEHG	59		AT	CR_PRDARE	06.04.2009	Approved	Issue + 6 weeks	New feature PRDARE (Production/Storage Area)			
IEHG	60		NL	CR_O_3_3	24.05.2009	Approved	Issue + 6 weeks	new page for O.3.3			
IEHG	61		BR	CR_Annexes_final	01.07.2009	Approved	Issue + 6 weeks	Rename annex to "AA - CEVNI Notice Marks", Include new annexes (AC, AD and AE) and on FC include values for attribute "catnmk"			
IEHG	62		BR	CR_O_3_1_final	01.07.2009	Approved	Issue + 6 weeks	notice marks			
IEHG	63		US	CR_E_2_1-AIRARE	31.08.2009	Approved	Issue + 6 weeks	Add existing S-57 value of CATAIR = 4 (civil heliport)			
IEHG	64		US	CR_G_3_12-MORFAC	31.08.2009	Approved	Issue + 6 weeks	CATMOR=4 (tie-up wall)			
IEHG	65		US	CR_G_3_14-HULKES	31.08.2009	Approved	Issue + 6 weeks	HULKES			
IEHG	66		US	CR_G_3_22-Ice_Breaker	31.08.2009	Approved	Issue + 6 weeks	new page in section G.3			
IEHG	67		US	CR_L_1_2-RECTRC	31.08.2009	Approved	Issue + 6 weeks	Remove TRAFIC...			
IEHG	68		DE	G-1-10_Pylons	02.09.2009	Approved	Issue + 6 weeks	CATPYL			
IEHG	69		DE	G-2-6_Revetment_Concrete	02.09.2009	Approved	Issue + 6 weeks	SLCONS			
IEHG	70		DE	G-2-8_Revetment_Masonry	02.09.2009	Approved	Issue + 6 weeks	Masonry Revetment			
IEHG	71		DE	I-1-4_Fairway	02.09.2009	Approved	Issue + 6 weeks	fairway			
IEHG	72		IEHG	I-3-5_Waterway-Profile_IEHG	02.09.2009	Approved	Issue + 6 weeks	hunits, wtwdis			
IEHG	73		DE	M-1-3_Berth-without-Transshipment	02.09.2009	Approved	Issue + 6 weeks	SLCONS: delete values 4 and 6			
IEHG	74		DE	O-1_Buoys	02.09.2009	Approved	Issue + 6 weeks	WATLEV or verdat			
IEHG	75		DE	O-2_Beacons-Daymarks	02.09.2009	Approved	Issue + 6 weeks	DAYMAR or TOPMAR for all beacons			
IEHG	76		AT	CR_O-1-3_O-2-1_catlam_IEHG	11.09.2009	Approved	Issue + 6 weeks	catlam			
IEHG	77		IEHG	CR_O-3-1_display_of_noticemarks_IEHG	11.09.2009	Approved	Issue + 6 weeks	notmrk			
IEHG	78		IEHG	D-2-5_Shoreline_IEHG	11.09.2009	Approved	Issue + 6 weeks	CATCOA			
IEHG	79		IEHG	F-1-1_Conspicuous_Landmark_IEHG	11.09.2009	Approved	Issue + 6 weeks	CATLMK			
IEHG	80		IEHG	Feature_Catalogue_amendments_IEHG	11.09.2009	Approved	Issue + 6 weeks	restrn, catlam			

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IEHG	81		IEHG	G-1_G-3_G(1)4_Bridge-Pipeline-Gate_IEHG	11.09.2009	Approved	Issue + 6 weeks	VERCLR		
IEHG	82		IEHG	G-1_G-4_I-3_Bridges-Pipelines-Profiles-etc_IEHG	11.09.2009	Approved	Issue + 6 weeks	wtwdis		
IEHG	83		IEHG	G-1-1_G-1-6_Bridges_IEHG	11.09.2009	Approved	Issue + 6 weeks	new encoding instruction		
IEHG	84		IEHG	G-1-1_G-1-7_Bridges_Tunnel_IEHG	11.09.2009	Approved	Issue + 6 weeks	new instruction		
IEHG	85		IEHG	G-1-7_Tunnel_IEHG	11.09.2009	Approved	Issue + 6 weeks	HORCLR; VERCLR		
IEHG	86		IEHG	G-1-8_Overhead_Cable_IEHG	11.09.2009	Approved	Issue + 6 weeks	cvlohd		
IEHG	87		IEHG	G-2-3_Groin_IEHG	11.09.2009	Approved	Issue + 6 weeks	chage of isntruction		
IEHG	88		AT	G-3-1_Boat-ramp_IEHG	11.09.2009	Approved	Issue + 6 weeks	SLCONS add (A=area)		
IEHG	89		IEHG	G-3-3_Conveyor_IEHG	11.09.2009	Approved	Issue + 6 weeks	re-admit (A=Area)		
IEHG	90		IEHG	G-3-5_Dock_IEHG	11.09.2009	Approved	Issue + 6 weeks	WATLEV, OBJNAM		
IEHG	91		IEHG	G-3-12_Mooring-facility_IEHG	11.09.2009	Approved	Issue + 6 weeks	CATMOR=7		
IEHG	92		IEHG	G-4-3_Lock-Basin_IEHG	11.09.2009	Approved	Issue + 6 weeks	lockbasin		
IEHG	93		IEHG	G-4-7_Lock-Wall_IEHG	11.09.2009	Approved	Issue + 6 weeks	slcons type = L (line)		
IEHG	94		IEHG	J-1-1_Rocks_IEHG	11.09.2009	Approved	Issue + 6 weeks	uwtroc, UWTROC		
IEHG	95		IEHG	J-2-1_Wrecks_IEHG	11.09.2009	Approved	Issue + 6 weeks	reintroduce attributes		
IEHG	96		IEHG	L-1-4_Waterway-axis_IEHG	11.09.2009	Approved	Issue + 6 weeks	add encoding instructions F and G		
IEHG	97		IEHG	L-2-1_L-2-3_Ferry_IEHG	11.09.2009	Approved	Issue + 6 weeks	replace all the entries for OBJNAM		
IEHG	98		IEHG	L-2-3_Swinging-Wire-Ferry_IEHG	11.09.2009	Approved	Issue + 6 weeks	new encoding instruction H		
IEHG	99		AT	CR_Intro	11.09.2009	Approved	Issue + 6 weeks	new introductory description		
IEHG	100		IEHG	IENC_FC_21_discrepancies	11.09.2009	Approved	Issue + 6 weeks	VERDAT, CATLMK, PILDST		
IEHG	101		US	Submerged_Utilites_v2	18.09.2009	Approved	Issue + 6 weeks	STATUS		
IEHG	102		US	G.3.22-Ice_Breaker_v2	18.09.2009	Approved	Issue + 6 weeks	slcons (catslc=19)		
IEHG	103		US, NL	G.4.9-Flood_barrage_v2	18.09.2009	Approved	Issue + 6 weeks	new page G.4.9		
IEHG	104		US	J.3.1-OBSTRN_v2	18.09.2009	Approved	Issue + 6 weeks	new 'catslc' for ice breaker		
IEHG	105		US	O.2.1-DAYMAR_v2a	18.09.2009	Approved	Issue + 6 weeks	daymar, bcnlat, DAYMAR		
IEHG	106		US	G.2.5-Revetments-v2	22.09.2009	Approved	Issue + 6 weeks	revetment		
IEHG	107		IEHG	CR_Definition of Inland ENC_IEHG	24.09.2009	Approved	Issue + 6 weeks	Create a definition of Inland ENC based on Section 3.2 of the IMO Performance Standards for ECDIS		
IEHG	108		BR	CR_Annex_AA_display_of_notmrk	25.09.2009	Approved	Issue + 6 weeks	Display of notice mark		
IEHG	109		AT	CR_J.3.1	29.04.2010	Approved	29.09.2010	Proposed text: "O) Where a OBSTRN...		
IEHG	110		AT	CR_J.2.1	29.04.2010	Approved	29.09.2010	Proposed text: "E) Where a WRECKS...		
IEHG	111		AT	CR_G.1.7	29.04.2010	Approved	29.09.2010	Delete HORACC and VERACC, Change HORCLR and VERCLR		
IEHG	112		AT	E.2.1	29.04.2010	Approved	29.09.2010	D) If an airfield consists of several AIRARE, C_ASSO could be used		
IEHG	113		AT	CR_J of Section B	29.04.2010	Approved	29.09.2010	add text to DATSTA, DATEND, PERSTA and PEREND		
IEHG	114		AT	CR_O.1.1, O.1.5	18.06.2010	Approved	29.09.2010	Proposed text for O.1.1 D) and add new Encoding Instruction for O.1.5 I)		
IEHG	115		AT	CR_J.1.1	18.06.2010	Approved	29.09.2010	Add following Coding instruction: "D) An UWTROC or uwtroc object...		
IEHG	116		AT	CR_G.1.1 to G.1.6, ...	18.06.2010	Rejected	29.09.2010	add the following text to G.1.1,... "All pointers....		
IEHG	117		AT	D.1.1	18.06.2010	Approved	29.09.2010	add coding instruction to B) A CANALS object may...		
IEHG	118		AT	C.1.3	18.06.2010	Approved	29.09.2010	B) m_nsys areas may not overlap		
IEHG	119		AT	CR_C of Section B	18.06.2010	Approved	29.09.2010	add text to the description of SCAMIN		
IEHG	120		NL	CR_O.1.1	26.07.2010	Approved	29.09.2010	TOPMAR: TOPSHP = [1 (cone up), 3 (sphere), 5 (cylinder, can)]		

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IEHG	121		NL	CR_unlocd	26.07.2010	Approved	29.09.2010	add unlocd to G.1.1 - G.1.8, G.4.3			
IEHG	122		NL	CR_G.1.8.....	28.07.2010	Approved	29.09.2010	Replace EU SCAMIN entry by EU			
IEHG	123		NL	CR_Q.2.1	29.07.2010	Approved	29.09.2010	add unlocd to object class "rdocal"			
IEHG	124		NL	CR_I.1.9	29.07.2010	Approved	29.09.2010	UNSARE			
IEHG	125		NL	CR_G.1.9	29.07.2010	Approved	29.09.2010	add unlocd to pipohd			
IEHG	126		NL	CR_G.1.8	29.07.2010	Approved	29.09.2010	add unlocd to cblohd			
IEHG	127		NL	CR_M.4.6	09.08.2010	Approved	29.09.2010	New feature DMPGRD (Dumping ground)			
IEHG	128		NL	CR_L.1.6	11.08.2010	Rejected	29.09.2010	New feature RCTLPT (Recommended traffic lane part)			
IEHG	129		NL	CR_L.1.5	11.08.2010	Approved	29.09.2010	New feature TSEZNE (Traffic separation zone)			
IEHG	130		DE	CR_O.3.1	12.08.2010	Approved	08.10.2010	add new value to attribute dirimp "5 (to harbor)"			
IEHG	131		NL	CR_M.4.7	12.08.2010	Approved	29.09.2010	New feature MARCUL (Marine farm/culture)			
IEHG	132		DE	CR_I.3.5	12.08.2010	Rejected	29.09.2010	The symbolization of the waterway profile is not visible. The existing picture should be replaced.			
IEHG	133		DE	CR_verdat	12.08.2010	Rejected	29.09.2010	Change back the values of the attribute verdat 31-35 to the old values of IES 1.02			
IEHG	134		AT	CR_I.1.8	16.08.2010	Rejected	29.09.2010	SOUNDG			
IEHG	135		NL	CR_G.4.9	16.08.2010	Approved	29.09.2010	DAMCON, GATCON, gatcon, C_AGGR			
IEHG	136		NL	CR_G.4.8	16.08.2010	Approved	29.09.2010	excnst, C_AGGR			
IEHG	137		NL	CR_G.4.2	16.08.2010	Approved	29.09.2010	DAMCON, C_AGGR			
IEHG	138		NL	CR_N.1.3	17.08.2010	Approved	29.09.2010	RECTRC(L) The "L" to indicate a line object was missing			
IEHG	139		NL	CR_G.3.7	17.08.2010	Approved	29.09.2010	replace header, add encoding instruction			
IEHG	140		BE	CR_R.3.1	17.09.2010	Approved	01.11.2010	New feature RSCSTA (Rescue Station)			
IEHG	141		BE	CR_CONDTN	17.09.2010	Approved	29.09.2010	add attribute CONDTN to the Fature Catalogue for object classes...			
IEHG	142		PL	J.3.1	17.12.2010	Approved	23.02.2011	add to CATOBS 11 (fishing net)			
IEHG	143		PL	D.1.3	17.12.2010	Approved	23.02.2011	add to CATSEA 52 (lake)			
IEHG	144		PL	D.2.2	17.12.2010	Approved	Issue + 6 weeks	add attribute CATLND = [2 (marsh), 12 (swamp)], US propose 11 (parkland)			
IEHG	145		PL	CR_Vegetation	17.12.2010	Approved	Issue + 6 weeks	VEGATN: add to CATVEG 11 (reed)			
IEHG	146		AT	M.4.1 2011	01.01.2011	Approved	23.08.2011	WLAN access points			
IEHG	147		AT	CR_L.1.4	23.08.2011	Approved	04.10.2011	wtwaxs: catcol new enumeration "12 (VII 9-barge push-tow unit"		2.4	
IEHG	148		US	E.3.2	28.09.2011	Approved	Issue + 6 weeks	SLOGRD: add to CATSLO 2 (embankment)		2.4	
IEHG	149		US	N.1.2	28.09.2011	Approved	Issue + 6 weeks	LIGHTS: add to CATLIT 5 (aero light), add to EXCLIT 4 (night light)		2.4	
IEHG	150		AT	CR_T.1.1	28.10.2011	Approved	09.12.2011	bidge		2.4	
IEHG	151		US	R_4_1_2011_Sensor	07.11.2011	Approved	19.12.2011	Sensor at bridges		2.4	
IEHG	152		BE	CR_M.1	20.01.2012	Approved	02.03.2012	Light structures		2.4	
IEHG	153		NL	CR_D.2.4	11.05.2012	Approved	Issue + 6 weeks	SLOTOP		2.4	
IEHG	154		NL	CR_C_AGGR	15.05.2012	Approved	Issue + 6 weeks	Clarification of the use of C_AGGR		2.4	
IEHG	155		NL	CR_G1.7	15.05.2012	Approved	16.11.2012	TUNNEL		2.4	
IEHG	156		NL	CR_E.2.2, E.2.3	15.05.2012	Approved	Issue + 6 weeks	RAILWAY,ROAD		2.4	
IEHG	157		NL	CR_G1.6	15.05.2012	Approved	Issue + 6 weeks	CTNARE		2.4	
IEHG	158		NL	CR_G.1.10	15.05.2012	Approved	Issue + 6 weeks	PYLONS		2.4	
IEHG	159		NL	CR_D.3.1	15.05.2012	Approved	Issue + 6 weeks	VEGETATION		2.4	
IEHG	160		NL	CR_G.2.7	15.05.2012	Approved	Issue + 6 weeks	Training wall		2.4	

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IEHG	161		NL	CR_G.1.11	15.05.2012	Approved	Issue + 6 weeks	bridge(footbridge)		2.4	
IEHG	162		NL	CR_G.2.3	15.05.2012	Approved	Issue + 6 weeks	Groin		2.4	
IEHG	163		NL	CR_G.2.4	15.05.2012	Approved	Issue + 6 weeks	Ground Sill		2.4	
IEHG	164		NL	CR_G.4.3	07.06.2012	Approved	Issue + 6 weeks	lokben (C_AGGR)		2.4	
IEHG	165		NL	CR_G.4.3	07.06.2012	Approved	Issue + 6 weeks	lock gate (C_AGGR)		2.4	
IEHG	166		NL	CR_G.4.6	07.06.2012	Approved	Issue + 6 weeks	SEAARE (C_AGGR)		2.4	
IEHG	167		NL	CR_G.4.7	07.06.2012	Approved	Issue + 6 weeks	slcons (lock wall, C_AGGR)		2.4	
IEHG	168		NL	CR_L.1.3	07.06.2012	Approved	Issue + 6 weeks	TWRTPT		2.4	
IEHG	169		NL	CR_N.1.1	07.06.2012	Approved	Issue + 6 weeks	Bridge Light		2.4	
IEHG	170		NL	CR_O.1.1	07.06.2012	Approved	Issue + 6 weeks	boylat		2.4	
IEHG	171		NL	CR_O.3.1	07.06.2012	Approved	Issue + 6 weeks	notmrk		2.4	
IEHG	172		NL	CR_G.3.1	08.06.2012	Approved	Issue + 6 weeks	Boat Ramp		2.4	
IEHG	173		NL	CR_G.3.3	08.06.2012	Approved	Issue + 6 weeks	CONVYR		2.4	
IEHG	174		NL	CR_G.3.4	08.06.2012	Approved	Issue + 6 weeks	CRANES		2.4	
IEHG	175		NL	CR_G.1.9	08.06.2012	Approved	Issue + 6 weeks	pipohd		2.4	
IEHG	176		NL	CR_G.3.8	08.06.2012	Approved	Issue + 6 weeks	Fender		2.4	
IEHG	177		NL	CR_G.3.11	08.06.2012	Approved	Issue + 6 weeks	PONTON		2.4	
IEHG	178		NL	CR_G.3.12	08.06.2012	Approved	Issue + 6 weeks	MORFAC		2.4	
IEHG	179		NL	CR_G.3.5	11.06.2012	Approved	Issue + 6 weeks	SLCONS		2.4	
IEHG	180		NL	CR_G.3.9	11.06.2012	Approved	Issue + 6 weeks	hrbare		2.4	
IEHG	181		NL	CR_G.3.10	11.06.2012	Approved	Issue + 6 weeks	hrbbsn		2.4	
IEHG	182		NL	CR_G.3.15	11.06.2012	Approved	Issue + 6 weeks	prtare		2.4	
IEHG	183		NL	CR_G.3.19	11.06.2012	Approved	Issue + 6 weeks	termnl		2.4	
IEHG	184		NL	CR_G.3.23	11.06.2012	Approved	Issue + 6 weeks	slcons		2.4	
IEHG	185		NL	CR_I.3.1	11.06.2012	Approved	Issue + 6 weeks	sistaw (depth indicator)		2.4	
IEHG	186		NL	CR_I.3.2	11.06.2012	Approved	Issue + 6 weeks	sistaw (high water mark)		2.4	
IEHG	187		NL	CR_I.3.3	11.06.2012	Approved	Issue + 6 weeks	sistaw (vertical clr indicator)		2.4	
IEHG	188		NL	CR_I.3.4	11.06.2012	Approved	Issue + 6 weeks	sistaw (waterway gauge)		2.4	
IEHG	189		NL	CR_I.3.5	11.06.2012	Approved	Issue + 6 weeks	sistaw (waterway profile)		2.4	
IEHG	190		NL	CR_M.4.1	11.06.2012	Approved	Issue + 6 weeks	COMARE		2.4	
IEHG	191		NL	CR_M.4.5	11.06.2012	Approved	Issue + 6 weeks	tmbsn		2.4	
IEHG	192		NL	CR_L.1.4	12.06.2012	Approved	Issue + 6 weeks	wtwaxs		2.4	
IEHG	193		NL	CR_L.2.1	12.06.2012	Approved	Issue + 6 weeks	FERYRT (cable ferry)		2.4	
IEHG	194		NL	CR_L.2.2	12.06.2012	Approved	Issue + 6 weeks	FERYRT (free moving ferry)		2.4	
IEHG	195		NL	CR_L.2.3	12.06.2012	Approved	Issue + 6 weeks	FERYRT (swinging wire ferry)		2.4	
IEHG	196		NL	CR_M.1.3, M.1.4	12.06.2012	Approved	Issue + 6 weeks	Encoding classification		2.4	
IEHG	197		NL	CR_M.2.1	12.06.2012	Approved	Issue + 6 weeks	resare		2.4	
IEHG	198		NL	CR_M.3.1	12.06.2012	Approved	Issue + 6 weeks	CTNARE		2.4	
IEHG	199		NL	CR_M.4.6	12.06.2012	Approved	Issue + 6 weeks	DMPGRD		2.4	
IEHG	200		NL	CR_M.4.7	12.06.2012	Approved	Issue + 6 weeks	MARCUL		2.4	

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IEHG	201		NL	CR_O	12.06.2012	*Approved*	Issue + 6 weeks	Encoding classification		2.4	
IEHG	202		NL	CR_O.1.1	12.06.2012	*Approved*	Issue + 6 weeks	BOYLAT		2.4	
IEHG	203		NL	CR_P.1.1	12.06.2012	*Approved*	Issue + 6 weeks	FOGSIG		2.4	
IEHG	204		NL	CR_R.1.1	12.06.2012	*Approved*	Issue + 6 weeks	CHKPNT		2.4	
IEHG	205		NL	CR.L.1.5	13.06.2012	*Approved*	Issue + 6 weeks	TSEZNE		2.4	
IEHG	206		NL	CR_R.3.1	13.06.2012	*Approved*	Issue + 6 weeks	RCSSTA		2.4	
IEHG	207		AT	CR_G.1.2	21.06.2012	*Approved*	03.08.2012	CATBRG		2.4	
IEHG	208		NL	CR_G.3.14	09.07.2012	*Approved*	Issue + 6 weeks	HULKES		2.4	
IEHG	209		NL	CR_O.3.2	09.07.2012	*Approved*	Issue + 6 weeks	notmrk(notice marks on bridges)		2.4	
IEHG	210		NL	CR_G.3.18	10.07.2012	*Approved*	Issue + 6 weeks	SLCONS		2.4	
IEHG	211		NL	CR_I.1.1	10.07.2012	*Approved*	Issue + 6 weeks	DEPARE (Detailed Depth)		2.4	
IEHG	212		NL	CR_I.1.2	10.07.2012	*Approved*	Issue + 6 weeks	depare		2.4	
IEHG	213		NL	CR_I.1.3	10.07.2012	*Approved*	Issue + 6 weeks	DRGARE		2.4	
IEHG	214		NL	CR_I.1.5	16.07.2012	*Approved*	Issue + 6 weeks	DEPARE (Fairway depth)		2.4	
IEHG	215		NL	CR_I.1.6	16.07.2012	*Approved*	Issue + 6 weeks	DEPARE (low / high water range)		2.4	
IEHG	216		NL	CR_I.1.7	16.07.2012	*Approved*	Issue + 6 weeks	DEPARE (Shallow depth)		2.4	
IEHG	217		NL	CR_I.1.9	16.07.2012	*Approved*	Issue + 6 weeks	UNSARE		2.4	
IEHG	218		NL	CR_J.1.1	17.07.2012	*Approved*	Issue + 6 weeks	UWTROC		2.4	
IEHG	219		NL	CR_J.2.1	17.07.2012	*Approved*	Issue + 6 weeks	WRECKS		2.4	
IEHG	220		NL	CR_J.3.1	17.07.2012	*Approved*	Issue + 6 weeks	OBSTRN		2.4	
IEHG	221		NL	CR_Q.2.1	17.07.2012	*Approved*	Issue + 6 weeks	Radio Call-In Point		2.4	
IEHG	222		NL	CR_T.1.1	17.07.2012	*Approved*	Issue + 6 weeks	bridge		2.4	
IEHG	223		NL	CR_G.1.8	05.10.2012	*Approved*	16.11.2012	cblohd		2.4	
IEHG	224		NL	CR_G.4.9	05.10.2012	*Approved*	Issue + 6 weeks	DAMCON		2.4	
IEHG	225		NL	CR_U.1.1	05.10.2012	*Approved*	16.11.2012	lg_sdm		2.4	
IEHG	226		NL	CR_U.1.2	05.10.2012	*Approved*	Issue + 6 weeks	lg_vsp		2.4	
IEHG	227		BR	O_1_3	08.10.2012	*Approved*	23.11.2012	CATSEA		2.4	
IEHG	228		BR	E_2_4	08.10.2012	*Approved*	23.11.2012	RUNWAY		2.4	
IEHG	229		US	FC_BCNLAT	22.10.2012	*Approved*	03.12.2012	BCNLAT		2.4	
IEHG	230		US	FC_Ic	22.10.2012	*Approved*	03.12.2012	Ic features		2.4	
IEHG	231		US	G_2_5-Revetment	22.10.2012	*Approved*	03.12.2012	RESARE		2.4	
IEHG	232		US	I_1_2_DetailedDepth-revlev-typo	22.10.2012	*Approved*	03.12.2012	revlev to reflev		2.4	
IEHG	233		US	L_2_3-SwingingWeeFeryy_INFORM-typo1	22.10.2012	*Approved*	03.12.2012	feryrt		2.4	
IEHG	234		US	O_1_1-BuoyAtBifurcation_COLOUR	22.10.2012	*Approved*	03.12.2012	BOYSPP		2.4	
IEHG	235		US	FC_remove_ft	23.10.2012	*Approved*	04.12.2012	ft features		2.4	
IEHG	236		US	G_2_1-Dyke.OBJNAM	23.10.2012	*Approved*	04.12.2012	DYKCON		2.4	
IEHG	237		NL	CR_G.1.x Draw Bridge	24.10.2012	*Approved*	Issue + 6 weeks	Retractable Bridge		2.4	
IEHG	238		DE	O_3_1_notmrk_catnmk	29.10.2012	*Approved*	10.12.2012	notmrk		2.4	
IEHG	239		AT	CR_G.3.19	06.11.2012	*Approved*	19.12.2012	termnl		2.4	
IEHG	240		AT	CR_M.1.4	06.11.2012	*Approved*	19.12.2012	berth		2.4	

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IEHG	241		NL	CR_N.1.2-1.5	15.11.2012	Approved	01.01.2013	Encoding classification		2.4	
IEHG	242		AT	G1_gauges	15.11.2012	Approved	01.01.2013	new encoding instruction for bridges		2.4	
IEHG	243		BR	D_1_3_2012_rev	15.11.2012	Approved	01.01.2013	CATSEA		2.4	
IEHG	244		BR	E_2_4_2012_rev	15.11.2012	Approved	01.01.2013	RUNWAY		2.4	
IEHG	245		NL	G_1_x_DrawBridge_rev	15.11.2012	Approved	01.01.2013	Retractable (Draw) Bridge (new feature G.1.11)		2.4	
IEHG	246		AT	G_3_24_2012_rev	15.11.2012	Approved	01.01.2013	PILPNT		2.4	
IEHG	247		AT	Introduction_Conditiona_2012	15.11.2012	Approved	01.01.2013	Definition of conditional		2.4	
IEHG	248		AT	Introduction_MinContent_2012	15.11.2012	Approved	01.01.2013	Minimum content of an IENC		2.4	
IEHG	249		AT	Introduction_NTXTDS_2012	15.11.2012	Approved	02.01.2013	RSCSTA		2.4	
IEHG	250		BR	J_4_11_2012_rev1	15.11.2012	Approved	01.01.2013	Nature of Riverbed/Nature of Bottom		2.4	
IEHG	251		NL	M_1_1-M_1_2_2012_rev	15.11.2012	Approved	01.01.2013	Anchorage		2.4	
IEHG	252		AT	CR_L1.4, L.3.2, L.3.3	15.11.2012	Approved	04.01.2013	Encoding instructions		2.4	
IEHG	253		DE	CR_G.2.1	27.11.2012	Approved	11.01.2013	bcnlat		2.4	
IEHG	254		AT	G_1_bridges_gauges_2012	29.11.2012	Approved	11.01.2013	REFGAG		2.4	
IEHG	255		AT	Introduction_navigable_EU_2012	29.11.2012	Approved	11.01.2013	Minimum content of an IENC (amandement)		2.4	
IEHG	256		AT	D_1_1_D_1_2_2012	30.11.2012	Approved	12.01.2013	Canals/Rivers - DEPARE/UNSARE		2.4	
IEHG	257		AT	FC_corr2_2012	12.12.2012	Approved	23.01.2013	DMPGRD		2.4	
IEHG	258		US	CR_FC_terminal	20.02.2013	Approved	13.04.2013	definition of terminal		2.4	
IEHG	259		NL	CR_L.1.2	15.04.2013	Approved	28.05.2013	Encoding Instruction G)		2.4	
IEHG	260		NL	CR_L.3.2	15.04.2013	Approved	28.05.2013	Encoding Instruction F)		2.4	
IEHG	261		AT	CR_Feature Catalogue 2.4	16.08.2013	Approved	27.09.2013	Add the INFORM and NINFOM to feature UNSARE in Edition 2.4		2.4	
IEHG	262		AT	CR_Annex AF_XML Definition	21.08.2013	Approved	03.10.2013	Facility enumeration types		2.4	
IEHG	263		US	CR_G_4_7_2013_LockWall	21.09.2013	Approved	04.11.2013	slcons		2.4	
IEHG	264		US	CR_G_3_25_2013_WaterIntakeStructure	23.09.2013	Approved	04.11.2013	water intake structure		2.4	
IEHG	265		US	CR_D_1_3_2013_CATSEA	23.09.2013	Approved	04.11.2013	SEARE		2.4	
IEHG	266		NL	CR_G_3_5_2013_DockWharf	23.09.2013	Approved	04.11.2013	SLCONS		2.4	
IEHG	267		US	CR_N_1_2_2013_AirObstructionLight	23.09.2013	Approved	04.11.2013	LIGHTS		2.4	
IEHG	268		US	open_cr_11_2013	23.09.2013	Approved	18.12.2013	SEAARE		2.4	
IEHG	269		US	open_cr_11_2013	23.09.2013	Approved	18.12.2013	water intake		2.4	
IEHG	270		US	CR_L_3_X_2013_HistoricMark	24.09.2013	Rejected	05.11.2013	hismar		2.4	
IEHG	271		US	open_cr_11_2013	06.11.2013	Approved	18.12.2013	ponton		2.4	
IEHG	272		IT	CR_O_1-5_2013	18.11.2013	Approved	30.12.2013	Po River		2.4	
IEHG	273		IT	CR_O_2_6-8_20131	18.11.2013	Approved	30.12.2013	Po River		2.4	
IEHG	274		PL	CR_N_1_2_5_2013	06.12.2013	Approved	22.01.2014	LIGHTS		2.4	
IEHG	275		PL	CR_N_1_2_5_2013	06.12.2013	Approved	22.01.2014	LIGHTS		2.4	
IEHG	276		AT	CR_O_1_5_2014	02.01.2014	Approved	14.02.2014	LIGHTS		2.4	
IEHG	277		AT	CR_Annex AF_XML Definition_second	10.02.2014	Approved	25.03.2014	XML definition		2.4	
IEHG	278		AT	CR_B-General Guidance_2014	10.02.2014	Approved	25.03.2014	General guidance		2.4	
IEHG	279		AT	CR_corrections_2014	28.04.2014	Approved	09.06.2014	correction		2.4	
IEHG	280		AT	CR_FC_CATGAT_2_2014	28.04.2014	Approved	09.06.2014	CATGAT		2.4	

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IEHG	281		BE	CR_WATTUR	22.05.2014	Approved	11.07.2014	water turbulances		2.4	
IEHG	282		DE	CR_ORIENT_bcn	02.06.2014	Withdrawn	11.06.2014	BCNISD, BCNLAT, bcnlat		2.4	
IEHG	283		BE	CR_PWRSTA	22.07.2014	Approved	09.09.2014	powerstation.jpg		2.4	
IEHG	284		US	CR__J_3_1_NATCON_2014	06.08.2014	Approved	17.09.2014	OBSTRN		2.4	
IEHG	285		AT	CR_clsdng	22.08.2014	Approved	03.10.2014	clsdng		2.4	
IEHG	286		AT	CR_M_4_6_2014	08.09.2014	Approved	20.10.2014	DMPGRD		2.4	
IEHG	287		AT	CR_notmrk_CEVNI5	08.09.2014	Approved	20.10.2014	CEVNI 5		2.4	
IEHG	288		BE	cr_powerstation	14.10.2014	Approved	26.11.2014	add new feature G.3.26 Power Supply Station		2.4	
IEHG	289		AT	cr_spuds	15.10.2014	Approved	26.11.2014	RESARE, resare, CBLARE, PIPARE, achare, achbrt		2.4	
IEHG	290		US	CR_D_1_3_CATSEA	29.10.2014	Approved	10.12.2014	SEAARE		2.4	
IEHG	291		US	CR_O_1_X_AIS_AtoNs	30.10.2014	Approved	18.12.2014	AIS AtoNs		2.4	
IEHG	292		US	CR_G_3_12_Tie-up_Wall	25.11.2014	Approved	06.01.2015	MORFAC		2.4	
IEHG	293		NL	CR Vertical Datum 20141127	26.11.2014	Approved	Issue + 6 weeks	Water level		2.4	
IEHG	294		BE	CR WLR 20150112	12.01.2015	Approved	Issue + 6 weeks	verdat		2.4	
IEHG	295	1	AT	units	02.09.2015	adopted	14.10.2015		I.3.4, M.1.3, M.1.4, O.3.1	2.4.1	The Change Request has been adopted at the 14th IEHG Meeting and will be implemented in Version 2.4.1 of the Encoding Guide
IEHG	296	1	AT	Correction regarding verdat 44	05.10.2015	adopted	16.11.2015		C.1.4, C.1.5, G.1.1, G.1.2,	2.5 or S-401	The Change Request has been adopted at the 14th Meeting of IEHG and will be implemented in S-401 or Edition 2.5
IEHG	297	2	NL	BOYSPP add all (IHO) values to the FC	16.08.2019		14.10.2019	add all (IHO) values to the FC and to mention all with the exception of 9, 15, 53, 56 in	O.4.1	2.5 or S-401	Comment BB 23.09.2019: you are mentioning in your Change request: "add all (IHO) values to the FC and to mention all with the exception of 9, 15, 53, 56 in the EG. (Value number 38 is skipped; this should be encoded using object class signal station, traffic (SISTAT)". But enumeration 38 is mentioned in the additions for the FC. I suppose that 38 should not be added to the EG. Is that correct?
IEHG	298	0	AT	Remote display of depth indicators and gauges	05.11.2015	adopted	17.12.2015		I.3.1, I.3.4	2.4.1	The Change Request has been adopted at the 14th IEHG Meeting and will be implemented in Version 2.4.1 of the Encoding Guide
IEHG	299	0	AT	CR_X_Y_Y_vY_JJJJ1	05.11.2015	Approved	17.12.2015		delete the brackets around	CR form	
IEHG	300	0	AT	Collection features extending beyond cell boundaries	06.11.2015	adopted	18.12.2015		Section General Guidance	2.4.1	The Change Request has been adopted at the 14th IEHG Meeting and will be implemented in Version 2.4.1 of the Encoding Guide
IEHG	301	0	NL	Addition of Magnetic Variation	06.01.2016	adopted	17.02.2016		L.3	2.5 or S-401	The Change Request has been adopted at the 14th IEHG Meeting for all regions and will be implemented in S-401 respectively Edition 2.5
IEHG	302	0	NL	Offshore safety zone	06.01.2016	adopted	17.02.2016		M.2.1	2.5 or S-401	The Change Request has been adopted at the 14th IEHG Meeting for all regions and will be implemented in S-401 respectively Edition 2.5
IEHG	303	2	NL	Fishing Facilities	01.09.2015	adopted	04.12.2017		M.4.8	2.5 or S-401	The 14th IEHG Meeting has decided to resubmit the CR with all S-57 attributes and enumerations and for all regions. It has been adopted.
IEHG	304	2	NL	Military Practice area	23.09.2015	adopted	04.12.2017		M.4.9	2.5 or S-401	The 14th IEHG Meeting has decided to resubmit the CR with all S-57 attributes and enumerations and for all regions. It has been adopted.
IEHG	305	0	NL	addition of light characteristic very quick-flashing for cardinal buoys	29.12.2015	adopted	09.02.2016		O.1.4	2.5 or S-401	The Change Request has been adopted at the 14th IEHG Meeting for all regions. It will be implemented in S-401 respectively Edition 2.5.
IEHG	306	0	NL	Special purpose beacons	29.12.2015	adopted	09.02.2016		O.2.11	2.5 or S-401	The Change Request has been adopted at the 14th IEHG Meeting for all regions and will be implemented in S-401 respectively Edition 2.5.
IEHG	307	0	NL	Cardinal beacons	29.12.2015	adopted	09.02.2016		O.2.9	2.5 or S-401	The Change Request has been adopted at the 14th IEHG Meeting for all regions and will be implemented in S-401 respectively Edition 2.5.
IEHG	308	0	NL	Safe water beacons	29.12.2015	adopted	09.02.2016		O.2.10	2.5 or S-401	The Change Request has been adopted at the 14th IEHG Meeting for all regions and will be implemented in S-401 respectively Edition 2.5.
IEHG	309	2	NL	Emergency wreck marking buoy	23.08.2019		04.10.2019	The Dutch Rijkswaterstaat and the Flemish Hydrographic office would like to be able t	O.4	2.5 or S-401	
IEHG	310	0	NL	Direction of buoyage	05.01.2016	adopted	16.02.2016		C.1.3	2.5 or S-401	The Change Request has been adopted at the 14th IEHG meeting and will be implemented in S-401 respectively Edition 2.5.
IEHG	311	0	NL	Accuracy of position feature	30.12.2015	adopted	10.02.2016		C.1	2.5 or S-401	The CR has been adopted at the 14th IEHG Meeting. It will be implemented in S-401 respectively edition 2.5.
IEHG	312	2	NL	Tideways	31.08.2015	adopted	05.12.2017		D.1.6	2.5 or S-401	The 14th IEHG Meeting has decided to resubmit this CR with all S-57 attributes and enumerations, with a validity for all regions and with an Encoding Instruction copied from the new Edition of the S-57 Use of the Object Catalogue. The amended CR has been adopted.
IEHG	313	1	US	Cliff/Natural Rock Wall	27.10.2017	adopted	08.12.2017		D.2.4	2.5 or S-401	The 14th IEHG Meeting rejected this CR and asked the US to combine it with the CR for D.2.4. The US has combined the request submitted by the Dutch Rijkswaterstaat a new page, D.2.6 Cliffs with the existing page, D.2.4 Rock Wall. The updated page will be D.2.4 Cliffs/Natural Rock Wall.
IEHG	314	1	US	Embankments and Cuttings	26.10.2017	adopted	08.12.2017		E.3.2	2.5 or S-401	The 14th IEHG meeting rejected this CR and asked the US to combine it with a CR for E.3.2. The US has combined the request submitted by the Dutch Rijkswaterstaat for a new page, D.2.7 Cuttings and Embankments with the existing page, E.3.2 Embankments. The updated page will be E.3.2 Cutting or Embankment.
IEHG	315	0	NL	Causeways	30.12.2015	Rejected, resubmit	10.02.2016		E.2	2.5 or S-401	The Object Encoding of INFORM in the CR is containing the sentence "refer to letter A". But letter A of the Encoding Instructions does not provide any guidance how to encode INFORM. The 14th IEHG Meeting invites the NL to clarify this issue and to resubmit the amended CR with all S-57 attributes and enumerations and a validity for all regions.
IEHG	316	0	NL	Fortified Structures	06.01.2016	adopted	17.02.2016		E.1.2, E.3	2.5 or S-401	The CR has been adopted at the 14th IEHG Meeting. It will be implemented in S-401 respectively edition 2.5.
IEHG	317	2	NL	Cargo transhipment areas	30.12.2015	adopted	05.12.2017		G.3.27	2.5 or S-401	The 14th IEHG Meeting has decided to resubmit this CR with an additional Encoding Instruction, with all S-57 attributes and enumerations and a validity for all regions. It has been adopted.
IEHG	318	0	NL	Gridirons	30.12.2015	adopted	10.02.2016		G.3	2.5 or S-401	The CR has been adopted at the 14th IEHG meeting for all regions and including all S-57 attributes and enumerations. It will be implemented in S-401 respectively edition 2.5. It refers to page G.3.28 of the Encoding Guide.
IEHG	319	0	NL	Water Turbulence	30.12.2015	Rejected	10.02.2016		H.1.2	no	The 14th IEHG meeting rejected this CR. The NL are requested to check whether it is really necessary to encode this type of turbulences in Inland ENCs. If yes, they are requested to provide Encoding Instructions. It is e.g. not clear how the turbulences in the picture should be encoded.
IEHG	320	0	NL	Tidal streams	30.12.2015	adopted	10.02.2016		H	2.5 or S-401	The CR has been adopted at the 14th IEHG meeting for all regions and with all S-57 attributes and enumerations. It will be implemented in S-401 respectively edition 2.5.

Expert Grp	CR number	CR version	CR Supplier	Title / short description	Issue date [dd.mm.yyyy]	Approved / Withdrawn / Rejected	Date of decision [dd.mm.yyyy]	Description of change	Affected parts of the standard	version in standard	Comment
IEHG	321	0	NL	Tidal stream panel data	30.12.2015	Rejected	10.02.2016		H	no	This CR has been rejected at the 14th IEHG meeting. The NL are requested to check whether it is really necessary to encode tidal stream panel data in IENCs. Other means of information seem more appropriate on inland waterways.
IEHG	322	2	NL	Weed/ kelp	27.08.2019		08.10.2019	The Dutch Rijkswaterstaat would like to able to encode the presence of weed/kelp In recent years, the number of permanent places with seaweed has been growing. (Ca	J.4	2.5 or S-401	
IEHG	323	0	NL	Sand waves	06.01.2016	adopted	17.02.2016		J.4	2.5 or S-401	This CR has been adopted at the 14th IEHG Meeting with all S-57 attributes and enumerations and for all regions. It will be implemented in S-401 respectively edition 2.5. The new page in the Encoding Guide might become J.4.2 if the CR for J.4.2 is withdrawn.
IEHG	324	1	NL	Offshore production areas	06.01.2016	adopted	17.02.2016		K.2.1	2.5 or S-401	This CR has been adopted at the 14th IEHG Meeting with all S-57 attributes and enumerations and a validity for all regions. It will be implemented in S-401 respectively edition 2.5. The Netherlands are nevertheless invited to check whether height and VERLEN are really encoded for the area object
IEHG	525	1	NL	Offshore platforms	06.01.2016	adopted	17.02.2016		K.2.2	2.5 or S-401	This Change Request has been adopted at the 14th IEHG Meeting with all S-57 attributes and enumerations and a validity for all regions. It will be implemented in S-401 respectively edition 2.5.
IEHG	526	0	NL	Radar line	22.09.2015	adopted	12.02.2016		L.1.6	2.5 or S-401	This Change Request has been adopted at the 14th IEHG Meeting with all S-57 attributes and enumerations and a validity for all regions. It will be implemented in S-401 respectively edition 2.5.
IEHG	327	2	NL	TSS - Recommended Lane Part	22.10.2015	adopted	10.02.2016		L.1.7	2.5 or S-401	This CR has been adopted at the 14th IEHG meeting with all S-57 attributes and enumerations and with a validity for all regions. It will be implemented in S-401 respectively Edition 2.5.
IEHG	328	2	NL	TSS - Traffic separation scheme boundary	27.10.2015	adopted	11.12.2017		L.1.8	2.5 or S-401	IHO has decided for S-101 that CATTSS is not available for TSSBND. The 14th IEHG meeting has therefore decided to resubmit this Change Request without CATTSS, but with all other S-57 attributes and enumerations and with a validity for all regions. The CR has been adopted.
IEHG	329	2	NL	TSS - Traffic separation scheme crossing	27.10.2015	adopted	11.12.2017		L.1.9	2.5 or S-401	IHO has decided for S-101 that CATTSS is not available for TSSCRS. The 14th IEHG meeting has therefore decided to resubmit this Change Request without CATTSS, but with all other S-57 attributes and enumerations and a validity for all regions. The CR has been adopted.
IEHG	330	2	NL	TSS - Traffic separation scheme lane part	06.01.2016	adopted	11.12.2017		L.1.10	2.5 or S-401	IHO has decided for S-101 that CATTSS is not available for TSSLPT. The 14th IEHG meeting has therefore decided to resubmit this Change Request without CATTSS, but with all other S-57 attributes and enumerations and a validity for all regions. The CR has been adopted.
IEHG	331	0	NL	Fishery Zones	23.09.2015	Rejected	10.02.2016		M.4.10	no	This CR has been rejected at the 14th IEHG meeting. The Netherlands are invited to check whether this feature without any physical object is necessary for inland waterways. If yes, they are requested to provide the missing Encoding instruction B.
IEHG	332	2	NL	Pilot boarding places	01.10.2015	adopted	12.02.2016		M.4.11	2.5 or S-401	This Change Request has been adopted at the 14th IEHG Meeting with all S-57 attributes and enumerations and with a validity for all regions. It will be implemented in S-401 respectively Edition 2.5.
IEHG	333	2	NL	Obscured light sectors	01.10.2015	adopted	12.02.2016		N.1.2, N.1.3, N.1.4, N.1.5	2.5 or S-401	This Change Request has been adopted at the 14th IEHG meeting for all regions. It will be implemented in S-401 respectively Edition 2.5.
IEHG	334	2	NL	Oscillating light sectors	02.10.2015	adopted	12.02.2016		N.1.5	2.4.1	This Change Request has been adopted at the 14th IEHG meeting. It will be implemented in version 2.4.1 of the Encoding Guide.
IEHG	335	0	NL	Radar ranges	30.09.2015	Rejected	10.02.2016		Q.1.2	no	This Change Request has been rejected at the 14th IEHG meeting. The Netherlands are requested to check why it is not possible to use comare. IEHG does not see a benefit in using RADRNG instead of comare.
IEHG	336	2	NL	Coast guard stations	27.08.2019		08.10.2019	Change title of Section R.3 from "Rescue stations" to "Coastguard and Rescue Station	R.3	2.5 or S-401	
IEHG	337	2	US	VALDCO	13.05.2016	adopted	24.06.2016	Add a precision of 2 decimal places to VALDCO in the Feature Catalogue to be consis	I.2.1	2.5 or S-401	This Change Request has been adopted at the 14th IEHG meeting. It will be implemented in S-401 respectively Edition 2.5.
IEHG	338	1	NL	add Encoding Instructions for Pile G 3.24	01.06.2016	adopted	13.07.2016	According IENC Feature Catalogue Edition 2.3 2013-02-19 OBJNAM has become Cor	G.3.24	2.4.1	This Change request has been adopted at the 14th IEHG meeting. It will be implemented in version 2.4.1 of the Encoding Guide.
IEHG	339	2	DE	additional verdat values for the Elbe	10.06.2016	adopted	22.07.2016	At the change from River Elbe to the North Sea, River Elbe is influenced by the tide. In	C.1.4, C.1.5, G.1.1, G.1.2,	2.5 or S-401	This Change Request has been adopted in nst amended form (VERDAT enumerations 23 and 30) with a validity for all regions at the 14th IEHG meeting. It will be implemented in S-401 respectively Edition 2.5.
IEHG	340	0	BE	Historic distance marks	14.06.2016	adopted	26.09.2016	There are a lot of physically installed distance marks with a notation which is not the co	L.3.3	G 2.4.1, FC 2.5 or S-40	This Change Request has been adopted for all regions at the 14th IEHG meeting. The first part will be implemented in version 2.4.1 of the Encoding Guide. The Feature Catalogue will be amended in S-401 respectively Edition 2.5.
IEHG	341	0	AT	Amendment of the IEHG Change Request Form	26.07.2016	Approved	06.09.2016	The current Change request form does not contain a Change request number.. In the		CR form	
IEHG	342	2	US	CR_DRVAL1 & DRVAL2	02.09.2016	adopted	17.10.2016	Change Object Encoding for all features containing DRVAL1 & DRVAL2 to two decima	D.1.4, G.2.7, I.1.1, I.1.2, I.1	2.4.1	This Change Request has been adopted at the 14th IEHG meeting. It will be implemented in version 2.4.1 of the Encoding Guide.
IEHG	343	2	NL	Dutch estuary low water reference level (OLW) and LAT	27.08.2019		08.10.2019	Object encoding of Object class m_sdat: Add Hydro enumeratie 23 (Lowest Astronomi	C.1.4, C.1.5, G.1.1, G.1.2,	2.5 or S-401	Comment BB 23.09.2019: the CR is not only referring to the object class m_sdat (as mentioned under points 4 and 7 of the CR), but also to bridge, ctdohd, pipohd, conryr,
IEHG	344	2	NL	Vertical length I	01.11.2016	adopted	13.12.2016	Add enumeration (O) VERLEN = [xxx.x] (units defined in hunits), e.g., 21.7 to feature c	N.1.2	2.5 or S-401	This Change Request has been adopted for all regions at the 14th IEHG meeting. It will be implemented in S-401 respectively Edition 2.5.
IEHG	345	2	NL	Vertical length II	01.11.2016	adopted	13.12.2016	Add enumeration (O) VERLEN = [xxx.x] (units defined in hunits), e.g., 21.7 to feature c	G.3.24	2.5 or S-401	This Change Request has been adopted for all regions at the 14th IEHG meeting. It will be implemented in S-401 respectively Edition 2.5.
IEHG	346	2	NL	Height / Vertical length I	01.11.2016	adopted	13.12.2016	Add attribute (O) HEIGHT = [xxx.x] (units defined in hunits), e.g., 21.7 to feature class Add attribute (O) VERLEN = [xxx.x] (units defined in hunits), e.g., 21.7 to feature class	N.1.3	2.5 or S-401	This Change Request has been adopted for all regions at the 14th IEHG meeting. It will be implemented in S-401 respectively Edition 2.5.
IEHG	347	2	NL	Height / Vertical length II	01.11.2016	adopted	13.12.2016	Add attribute (O) HEIGHT = [xxx.x] (units defined in hunits), e.g., 21.7 to feature class Add attribute (O) VERLEN = [xxx.x] (units defined in hunits), e.g., 21.7 to feature class	N.1.4	2.5 or S-401	This Change Request has been adopted for all regions at the 14th IEHG meeting. It will be implemented in S-401 respectively Edition 2.5.
IEHG	348	2	NL	Height / Vertical length III	01.11.2016	adopted	13.12.2016	Add attribute (O) HEIGHT = [xxx.x] (units defined in hunits), e.g., 21.7 to feature class Add attribute (O) VERLEN = [xxx.x] (units defined in hunits), e.g., 21.7 to feature class	N.1.5	2.5 or S-401	This Change Request has been adopted for all regions at the 14th IEHG meeting. It will be implemented in S-401 respectively Edition 2.5.
IEHG	349	0	NL	Colour and height of Landmarks	01.11.2016	adopted	13.12.2016	Add enumeration (O) COLOUR = [1 (white), 2 (black), 3 (red), 4 (green), 5 (blue), 6 (yel	F.1.1	2.5 or S-401	This Change Request has been adopted for all regions at the 14th IEHG meeting. It will be implemented in S-401 respectively edition 2.5.
IEHG	350	2	NL	COLOUR and BOYSPP of MORFAC / Deviation Dolphin	01.11.2016	adopted	13.12.2016	Add attribute (O) COLOUR = [1 (white), 2 (black), 3 (red), 4 (green), 5 (blue), 6 (yellow Add attribute (C) BOYSHP = [2 (can cylindrical), 3 (spherical), 6 (super buoy)] to featur Add enumeration CATMOR = 2 (deviation dolphin) to feature class MORFAC Add encoding instruction: J) Encoding of BOYSHP is only allowed if CATMOR = 7	G.3.12	2.5 or S-401	This Change Request has been adopted for all regions at the 14th IEHG Meeting. It will be implemented in S-401 respectively edition 2.5.
IEHG	351	2	NL	QUASOU of Obstruction	01.11.2016	adopted	13.12.2016	Add enumeration (O) QUASOU = [2 (depth unknown), 6 (least depth known), 7 (value	J.3.1	2.5 or S-401	This Change Request has been adopted for all regions at the 14th IEHG Meeting. It will be implemented in S-401 respectively edition 2.5.
IEHG	352	2	NL	COLOUR of PILPNT I	01.11.2016	adopted	12.12.2017	Add enumeration (O) COLOUR = [1 (white), 2 (black), 3 (red), 4 (green), 5 (blue), 6 (ye Add enumeration (C) COLPAT = [1 (horizontal stripes), 2 (vertical stripes), 3 (diagonal Add encoding instruction: E) Encoding of COLPAT is mandatory for any object (excep	G.3.24	2.5 or S-401	The 14th IEHG meeting has decided to resubmit this Change Request with the amended Encoding Instruction "Encoding of COLPAT is mandatory for any pile or post (except LIGHTS) that has more than one colour and COLOUR is encoded" and with a validity for all regions. It has been adopted.
IEHG	353	2	NL	COLOUR of PILPNT V	01.11.2016	adopted	12.12.2017	Add enumeration (O) COLOUR = [1 (white), 2 (black), 3 (red), 4 (green), 5 (blue), 6 (ye Add enumeration (C) COLPAT = [1 (horizontal stripes), 2 (vertical stripes), 3 (diagonal Add encoding instruction: M) Encoding of COLPAT is mandatory for any object (excep	N.1.5	2.5 or S-401	The 14th IEHG meeting has decided to resubmit this Change Request with the amended Encoding Instruction "Encoding of COLPAT is mandatory for any pile or post (except LIGHTS) that has more than one colour and COLOUR is encoded" and with a validity for all regions. It has been adopted.
IEHG	354	2	NL	COLOUR of PILPNT III	01.11.2016	adopted	12.12.2017	Add enumeration (O) COLOUR = [1 (white), 2 (black), 3 (red), 4 (green), 5 (blue), 6 (ye Add enumeration (C) COLPAT = [1 (horizontal stripes), 2 (vertical stripes), 3 (diagonal Add encoding instruction: P) Encoding of COLPAT is mandatory for any object (excep	N.1.3	2.5 or S-401	The 14th IEHG meeting has decided to resubmit this Change Request with the amended Encoding Instruction "Encoding of COLPAT is mandatory for any pile or post (except LIGHTS) that has more than one colour and COLOUR is encoded" and with a validity for all regions. It has been adopted.
IEHG	355	2	NL	COLOUR of PILPNT IV	01.11.2016	adopted	12.12.2017	Add enumeration (O) COLOUR = [1 (white), 2 (black), 3 (red), 4 (green), 5 (blue), 6 (ye Add enumeration (C) COLPAT = [1 (horizontal stripes), 2 (vertical stripes), 3 (diagonal Add encoding instruction: N) Encoding of COLPAT is mandatory for any object (excep	N.1.4	2.5 or S-401	The 14th IEHG meeting has decided to resubmit this Change Request with the amended Encoding Instruction "Encoding of COLPAT is mandatory for any pile or post (except LIGHTS) that has more than one colour and COLOUR is encoded" and with a validity for all regions. It has been adopted.
IEHG	356	2	NL	COLOUR of PILPNT	01.11.2016	adopted	12.12.2017	Add enumeration (O) COLOUR = [1 (white), 2 (black), 3 (red), 4 (green), 5 (blue), 6 (ye Add enumeration (C) COLPAT = [1 (horizontal stripes), 2 (vertical stripes), 3 (diagonal Add encoding instruction: P) Encoding of COLPAT is mandatory for any object (excep	N.1.2	2.5 or S-401	he 14th IEHG meeting has decided to resubmit this Change Request with the amended Encoding Instruction "Encoding of COLPAT is mandatory for any pile or post (except LIGHTS) that has more than one colour and COLOUR is encoded" and with a validity for all regions. It has been adopted.
IEHG	357	2	DE	VERCLR of cdlohd	06.02.2017	adopted	25.03.2017	G.1.8 Overhead Cable: change (M) VERCLR to 1 decimal digit = [xx.x] (metres), e.g., 13.2. The vertical clearance at overhead cables depends strongly on the temperature and therefore values with centimeter accuracy would pretend a not existing accuracy	G.1.8	G 2.4.1, FC 2.5 or S-40	This Change Request has been adopted at the 14th IEHG Meeting. It will be implemented in version 2.4.1 of the Encoding Guide and regarding the Feature Catalogue in S-401 respectively Edition 2.5.
IEHG	358	2	AT	Built-up Areas	29.03.2017	adopted	09.05.2017	For Crane we are missing the attribute 'unlocd' to encode the UN Location Code, which is used to establish a standardized realtion to RIS.	E.1.1	2.5 or S-401	This Change Request has been adopted at the 14th IEHG meeting. It will be implemented in S-401 respectively edition 2.5.
IEHG	359	2	AT	Crane	28.03.2017	adopted	09.05.2017	For Crane we are missing the attribute 'unlocd' to encode the UN Location Code, which is used to establish a standardized realtion to RIS.	G.3.4	2.5 or S-401	This Change Request has been adopted at the 14th IEHG meeting. It will be implemented in S-401 respectively edition 2.5.
IEHG	360	0	AT	Landing Stage, Pontoon	28.03.2017	adopted	09.05.2017	If the ponton object is covered by a DEPARE, depare, DRGARE or UNSARE, but a part of the fixing of the pontoon is only on land, it should not be an error (proposed amendments to the Recommended Validation Checks for IENCs)	G.3.11	RVC 2.4.1	This Change Request has been adopted at the 14th IEHG meeting. It will be implemented in Version 2.4.1 of the Recommended Validation Checks for Inland ENCs.

Expert Grp	CR number	CR version	CR Supplier	Title / short description	Issue date [dd.mm.yyyy]	Approved / Withdrawn / Rejected	Date of decision [dd.mm.yyyy]	Description of change	Affected parts of the standard	implemented in standard version	Comment
IEHG	361	0	AT	Permanently Moored Vessel or Facility	28.03.2017	adopted	09.05.2017	If the hulkes object is covered by a DEPARE, depare, DRGARE or UNSARE, but a part of the fixing of the permanently moored ship is only on land, it should not be an error (proposed amendments to the Recommended Validation Checks for IENCs).	G.3.14	RVC 2.4.1	This Change Request has been adopted at the 14th IEHG Meeting. It will be implemented in version 2.4.1 of the Recommended Validation Checks for Inland ENCs.
IEHG	362	2	AT	Cable Ferry	28.03.2017	adopted	09.05.2017	For Cable Ferry we are missing the attribute 'unlocd' to encode the UN Location Code, which is used to establish a standardized realtion to RIS.	L.2.1	2.5 or S-401	This Change Request has been adopted at the 14th Meeting of IEHG. It will be implemented in page L.2.1 of the Encoding Guide of S-401 respectively Edition 2.5.
IEHG	363	2	AT	Free Moving Ferry	28.03.2017	adopted	09.05.2017	For Free Moving Ferry we are missing the attribute 'unlocd' to encode the UN Location Code, which is used to establish a standardized realtion to RIS.	L.2.2	2.5 or S-401	This Change Request has been adopted at the 14th Meeting of IEHG. It will be implemented in page L.2.2 of the Encoding Guide of S-401 respectively Edition 2.5.
IEHG	364	2	AT	Swinging Wire Ferry	28.03.2017	adopted	09.05.2017	For Swinging Wire Ferry we are missing the attribute 'unlocd' to encode the UN Location Code, which is used to establish a standardized realtion to RIS.	L.2.3	2.5 or S-401	This Change Request has been adopted at the 14th Meeting of IEHG. It will be implemented in page L.2.3 of the Encoding Guide of S-401 respectively Edition 2.5.
IEHG	365	2	AT	Communication Area	28.03.2017	adopted	09.05.2017	According to page M.4.1 of the EG 2.4 and according to S-57 the entries in the attribute COMCHA have to be in square brackets. In the FC 2.4 the square brackets are missing. This should be corrected in edition 2.5 of the FC.	M.4.1	2.5 or S-401	This Change Request has been adopted with a validity for all regions at the 14th meeting of IEHG. It will be implemented in page M.4.1 of the Encoding Guide of S-401 respectively Edition 2.5.
IEHG	366	0	AT	Bridge Light	28.03.2017	adopted	09.05.2017	The current picture in the Encoding guide under N.1.1 shows an non-optimal IENC representation. The representation is without encoding of ORIENT, but referred to Encoding Guide ORIENT is mandatory.	N.1.1	2.4.1	This Change Request has been adopted at the 14th IEHG Meeting. It will be implemented in version 2.4.1 of the Encoding Guide.
IEHG	367	0	AT	Bridge Light	28.03.2017	adopted	09.05.2017	The format of the attribute SIGSEQ should be aligned with S-57. In most of the Encoding Instructions the format is already described correctly.	N.1.1, N.1.3, N.1.4, N.1.5, …	2.5 or S-401	This Change Request has been adopted at the 14th IEHG meeting. It affects page N.1.1 and others of the Encoding Guide and the Feature Catalogue. It will be implemented in S-401 respectively Edition 2.5.
IEHG	368	0	AT	Notice Marks	28.03.2017	adopted	09.05.2017	Add the following description to the Recommended Validation Checks for IENCs: If the notmrk is a bridge notmrk (catnmt=12,13,44,45,46,47 or 50) then it must have the attribute ORIENT defined. If the notmrk with attribute catnmk = 50 (value name E.1) is not positioned at a bridge, then ORIENT is not required.	O.3.1	RVC 2.4.1	This Change Request referring to page O.3.1 of the Encoding Guide has been adopted at the 14th IEHG meeting. It will be implemented in version 2.4.1 of the Recommended Validation checks for Inland ENCs.
IEHG	369	0	AT	Radio Calling-in Point	28.03.2017	adopted	09.05.2017	According to page Q.2.4 of the EG 2.4 and according to S-57 the entries in the attribute COMCHA have to be in square brackets. In the FC 2.4 the square brackets are missing. This should be corrected in edition 2.5 of the FC.	Q.2.1	2.5 or S-401	This Change Request has been adopted at the 14th IEHG meeting. It will be implemented in S-401 respectively Edition 2.5.
IEHG	370	0	DE	MMSI Code for Aids to Navigations (AtoNs)	22.05.2017	Approved with request	01.12.2017	Add the following new Encoding Instruction: x) If the position of the buoy/day mark is transmitted by an AIS transponder the MMSI number of the transponder should be encoded to provide the possibility to connect the chart object with the AIS message.	O.1.1-O.1.3, O.1.5, O.2.1	2.5 or S-401	This Change Request has been approved at the 14th IEHG meeting, but Germany is invited to check whether the CR should really only refer to inland specific AtoNs or has to be amended to refer to maritime AtoNs, too. As the Change Request has not been amended before 1st December 2017 it will be implemented in its current form in S-401 respectively Edition 2.5.
IEHG	371	0	AT	Waterway Gauge	09.06.2017	adopted	21.07.2017	According to FC 2.4 for Elevation at feature Waterway gauge 2 decimal digits are allowed.	I.3.4	2.4.1	This Change Request has been adopted with a validity for all regions at the 14th IEHG meeting. It will be implemented in Version 2.4.1 of the Encoding Guide. The representatives of IEHG in the domain control body of the S-100 registry will request an amendment of the remark regarding the accuracy of ELEVAT.
IEHG	372	1	BE	Waterway gauge	24.07.2017	adopted	28.08.2017	Add verdat attribute to EG Object Encoding as conditional attribute. Change 'vcrlev' in the encoding instructions under point J into 'sdlev'	I.3.4	2.4.1	This Change Request (No. 372) has been adopted with a validity for all regions at the 14th IEHG meeting. It will be implemented on page I.3.4 of version 2.4.1 of the Encoding Guide.
IEHG	373	1	BE	Berths	24.07.2017	adopted	28.08.2017	Move the coding instruction for DRVAL1 to the middle column of the EG and add QUASOU, SOUACC and verdat as conditional attributes to the object encoding of the EG. Proposed instruction: "If the DRVAL1 is used, QUASOU, SOUACC and verdat should also be provided."	M.1.3, M.1.4	2.4.1	This Change Request (No. 373) has been adopted with a validity for all regions at the 14th IEHG meeting. It will be implemented on page M.1.3 of version 2.4.1 of the Encoding Guide.
IEHG	374	0	BE	verdat - enumeration	10.07.2017	already adopted as CR 296	28.08.2017	Delete enumeration 44 (Tweede Algemene Waterpassing) because this is a reference level instead of a vertical datum.	C.1.4 Sounding Datum, C.1	2.5 or S-401	The proposed change has already been adopted as Change Request 296.
IEHG	375	0	BE	Typical width of European vessels	01.08.2017	adopted	12.09.2017	Encoding instruction B: "(12m for European waterways of CEMT class IVa an above)" G.1.2 instead of (12m for European waterways).	G.1.2	2.4.1	This Change Request has been adopted at the 14th IEHG Meeting. It will be implemented in version 2.4.1 of the Encoding Guide.
IEHG	376	0	NL	add horclw for encoding an aqueduct	27.09.2017	adopted	08.11.2017	Add the following new Encoding Instruction: K For encoding an aqueduct : If the usable horizontal clearance of width is a distance which is provided by the competent authority for safe navigation, they must be encoded with 'horclw'. The wall(s) and bottom of an aqueduct may differ from the other shores and bottom. (because of the costs they are often made smaller).	G.4.8	2.5 or S-401	This Change Request has been adopted at the 14th IEHG meeting. It will be implemented in S-401 respectively Edition 2.5.
IEHG	377	0	NL	add dyke (21) to attribute catslc	27.09.2017	Rejected	08.11.2017	Change the Encoding Instruction into : A When a dyke is coincident with the coastline, it must be encoded as a DYKCON and in addition a SLCONS of type line, with (new) catslc = 21 (dyke, levee) along its seaward border. However the Encoding Guide 2.3, dated Jul 2014, and also version 2.4.0, dated 9 April 2015, says that CATSLC should be omitted when encoding a …	G.2.1	no	This Change Request has been rejected at the 14th IEHG meeting. S-101 has the same regulation as the existing IENC Encoding Guide 2.4.0. A duplication of an existing enumeration would not be accepted in the S-100 registry.
IEHG	378	1	CN	Add new CATREA value and restrn value	26.09.2017	adopted	06.11.2017	Add : new CATREA value = 29 (ship pollution emission control area) new restrn value =39(SOx emission restricted) and value=40(NOx emission restricted) On Chinese inland waterway, ship pollution emission control area exist. With more emphasis on environmental protection, rivers through the central city will set up some ship pollution emission control area.	M.2.1	2.5 or S-401	This Change Request referring to page M.2.1 of the Encoding Guide has been adopted at the 14th IEHG meeting. It will be implemented in an edition 2.5 or S-401.
IEHG	379	0	BR	Acqueduct	31.10.2017	adopted	12.12.2017	Add S-57 enumeration 11 (acqueduct) for CATBRG on the Feature Catalogue. Add Section G.1.13 for Acqueduct on the Encoding Guide	G.1.13	2.5 or S-401	At the moment an acqueduct is only addressed in the Product Specifications if it is an exceptional navigational structure. It is necessary to encode regular acqueducts. It will be implemented in an edition 2.5 or S-401.
IEHG	380	0	AT	Adaptation of the Change Request form regarding portrayal	06.11.2017	adopted	18.12.2017	The 14th IEHG meeting proposes to amend the form for Change Requests to include amendments regarding portrayal. Portrayal is not covered by Edition 2.4 of the Product Specification for Inland ENCs, but will be covered by S-401. IEHG has already decided to use S-101 and the current European portrayal rules as a basis for S-401. The effects of Change Requests on portrayal should therefore be considered	-	CR form	
IEHG	381	0	AT	Guideline for the drafting of Change Requests	06.11.2017	adopted	18.12.2017	The 14th IEHG meeting has decided to provide a Guideline for the drafting of Change Requests. The proposal will be uploaded to the forum. This Change Request will be adopted if there is no veto within 6 weeks (before 18th December 2017).	-	CR guideline	Remark Gert Morlion (24.11.2017) : - section 4 and 11 are both for adding image-files. Section 4 is for pictures/illustrations that will be used in the EG while section 11 handles the symbols in the charts. Maybe the difference between the two can be made clearer in the titles? It's just a suggestion. - Another thing is that it is possible to attach picture-files in all types of format as a symbol in section 11 according to the guidelines, while eventually it has to be in SVG for S-401. Didn't the IEHG decided that the submitter of the CR has to provide all resources needed for the CR? If so, then the submitter needs to attach a correct SVG as well. This could be difficult!
IEHG	382	0	DE	Outdated terms in Encoding Guide	7.2.2018	adopted	22.03.2018	In the Encoding Guide two outdated terms coming from the European RIS Index Standard are still used and have to be replaced by the new terms. Replace all texts "ISRS code" in the Encoding Guide by "ISRS Location Code". This also applies to the text "(ISRS) Code" on page 17, chapter "H. UN Location Code". Replace the text "Terminal code or passage point code" in the Encoding Guide, …	all	2.4.1	
IEHG	383	0	AT	Alignment with CEVNI rev.5	8.8.2018	adopted	20.09.2018	The European Inland ECDIS expert group has identified some inconsistencies between CEVNI, the European Code for Inland Waterways, and the Product Specification for Inland ENCs regarding the meaning of notice marks. The EG, the FC and the registry have to be brought in line with the official text of the European traffic regulation.	Annex AA	4 corr2 and 2.5 or S-401	
IEHG	384	1	BE	Add attributes for Cell [DSPM] fields 'VDAT' and 'SDAT' attribute 'verdat' for all features	31.10.2018	adopted	12.12.2018	Request to add enumerations 23 (Lowest astronomical tide) and 24(Local datum) for DSPM-fields SDAT and VDAT and to the list of attribute 'verdat' for all features containing 'verdat' as attribute	C.1.4,C.1.5,G.1.1,G.1.2,G…	2.5 or S-401	Rene Visser (comment to version 0, 01.11.2018): For encoding VERCLR : your proposal has also impact on the EG paragraphs : G.1.1; G.1.2; G.1.3; G.1.4; G.1.5; G.1.8; G.1.9; G.1.11; G.1.12; G3.3; G.3.4; G.3.20; G4.5; G.4.8; G.4.9
IEHG	385	1	BE	Correction enumeration verdat in the feature catalogue	26.11.2018	adopted	7.1.2019	Correction: remove verdat value 44 in all features in the feature catalogue. This value has been deleted in the past but not removed in the FC.	all features in FC	2.5 or S-401	Denise LaDue (comment 26.11.2018): Dear Gert, If I recall correctly, the reason that verdat = 44 (TAW) has not yet been removed from the Feature Catalogue, is because it would require a new edition of the Product Specification (2.5 or 2.x). The Encoding Guide was changed to reflect the removal of the value, however the Feature Catalogue was not modified. When the IEHG decides that it is time to either create a new edition of the Product Specification (2.x) or to finalize S-401, the removal of verdat = 44 will be removed from the feature catalogue.
IEHG	386	1	BE/amendment by AT	Adding new category of notice mark	28.1.2019	adopted	12.3.2019	The new Rhine Police Regulations have amended a new notice mark B.12 which indicates that the use of the power supply is obliged.	AA	2.5 or S-401	Bernd Birkhuber (comment 28.01.2018): Dear colleagues, I support the Change Request, but would propose two small amendments under points 7 and 8: The CEVNI expert group of the United Nations Economic Commission for Europe (UNECE) has already adopted B.12 for the next edition of CEVNI, but the name and definition have a slightly different wording: "Obligation to use onshore power supply point". The wording of the existing enumerations of category of notice mark is based on CEVNI and I would therefore propose to replace "Use of power supply obliged" with "Obligation to use onshore power supply point" under points 7 and 8 of the Change Request. Gert Morlion (comment 28.01.2018): Since CEVNI already adopted B.12, I want to propose that we also add the source of the notice mark under point 7 of the CR. Bernd Morlion (comment 04.02.2019): Regarding the proposed changes, I suppose that both amendments (adding B.12 to PresLib and Symbol Library and adding the display priority of the power supply) will be applicable in an edition 2.5 of the standard. Both only need a CR for the IEEG (not for the IEHG) and can only be set when the CR …
IEHG	387	0	BE	Adding new category of notice mark	28.1.2019	adopted	11.3.2019	Delete value 4 of category of bunker in the enumeration for G.3.2 - Bunker/Fueling station.	G.3.2	2.5 or S-401	
IEHG	388	0	AT	Additional Values for Facility Types	2.5.2019	adopted	13.6.2019	Within European project RIS COMEX there is the request to provide contact and opening hours information for several organisations related to IWT. This can be best done with the existing facility file XSD. The above mentioned organisations are relevant to RIS users, but not yet part of the available facility types.	AF	2.5 or S-401	
IEHG	389	0	AT	Clarification of time specification in Facility Files	2.5.2019	adopted	13.6.2019	In the European project RIS COMEX several partners pointed out that the notation 00:00:00 to 00:00:00 indicating a 24 hour period is ambigous. It should be clarified in the Encoding Guide that this notation translates to 00:00 - 24:00 hours.	AF	2.5 or S-401	Bernd Birkhuber (remark to Version 0 03.05.2019): the text of Annex AF is produced from the XSD. I would prefer to insert the remark as a footnote at the end of the respective page. That would show that the remark is just an explanation and not part of the XSD itself.
IEHG	390	0	AT	Align file naming convention in PS with IENC EG	23.05.2019	adopted	04.07.2019	With regards to the naming convention for overlay cells, the PS under 5.6.3 is not consistent with the EG and the existing practice as well as with the current configuration in IENC production software. Also the PS under 2.1 states to use the letter "A" for overlay cells. Therefore "A" should also be used in the PS 5.6.3.	Product Specification 5.6.3	2.5 or S-401	
IEHG	391	0	AT	Correction mandatory attributes in the Product Specification for bathymetric Inland ENC	05.08.2019		16.09.2019	In the Product Specification for bathymetric Inland ENCs under 3.5.2 it is specified that for feature M_QUAL the attributes CATZOC or POSACC and SOUACC has to be encoded mandatory. To be in line with the Product Specification for Inland ENCs for the feature M_QUAL either CATZOC or TECSOU should be used.	Product Specification for ba…	2.5 or S-401	
IEHG	392	0	AT	Use of DEPCNT in Europe	12.08.2019		24.09.2019	B) EU: depth contours shall be encoded between different depth areas to allow the Inland ECDIS to highlight the safety depth selected by the skipper.	I.2.1	2.4.1	
IEHG	393	0	AT	Correction of NEWOBJ in the Feature Catalogue	12.08.2019		24.09.2019	NEWOBJ is a S-57 feature with the code 163. In the IENC Feature Catalogue it is shown with the code 18005 which is the code of the feature lg_drt. This is a mistake. The S-57 code has to be shown for a S-57 feature.	FC	2.4.1	
IEHG	394	1	BE	Adding new category of notice mark	19.08.2019		30.09.2019	Add the S-57 feature M_ACCY with the appropriate attributes to indicate the overall uncertainty of position information in an area	C.1	2.5 or S-401	
IEHG	395	1	BE	Adding new category of notice mark	19.08.2019		30.09.2019	Add accuracy information as optional attributes to features which are important for the safety of navigation	D.2.5, G.1.1, G.1.2, G.1.3, …	2.5 or S-401	
IEHG	396	0	AT	Numeric precision	14.08.2019		25.09.2019	Amend the existing text in Section B, lit. D, Numeric Precision, to read: "The maximum number of decimals of numeric attributes is defined in the Feature Catalogue (e.g. XX.dd for maximum two decimals). The encoding of numeric attributes (e.g. of depth information and heights of structures) should reflect the accuracy of the number. For example a bridge height of thirty-five meters, accurate to …	D of section B	2.4.1	
IEHG	397	1	NL	Correction FC : add vcrval & sdrval for features with a verdat	14.08.2019		27.09.2019	add vcrval & sdrval attributes to the FC, https://ienc-kennisportaal.nl/wp-content/uploads/2019/08/IENC_EG_2-encoding_attributes_sdrval_vcrval.png, https://ienc-kennisportaal.nl/wp-content/uploads/2019/11/20181108-ClearanceandDraught-informationInFreeFlowingRiversAndEstuaries.pdf	G.1.1, G.1.2, G.1.3, G.1.4, …	2.4.1	
IEHG	398	0	AT	Update of the Introduction to the Encoding Guide	04.09.2019		16.10.2019	Update the Introduction to the Encoding Guide as indicated in the separate document in track changes	A	2.4.1, 2.4.2, 2.5 or S-401	
IEHG	399	0	BE	TimeZone information in Facility files	06.09.2019		18.10.2019	The times mentioned in the facility file are presumed to be in local time. Within RIS COMEX this information is used for voyage calculation. For proper calculation these times are converted to UTC time. However the used timezone information is missing in the facility file.	AF	2.5 or S-401	
IEHG	400	0	BE	Language indication and multiple language support for Remarks in Facility.XML	06.09.2019		18.10.2019	Sometimes additional information is given in the facility files for certain operation times with the field Remark. However certain countries are obliged to give the information in different languages. The language indicator is useful to indicate in which language the remarks are provided.	AF	2.5 or S-401	
IEHG	401	0	AT	Indication of Target Group and Direction for operation time slot in Facility XML	06.09.2019		18.10.2019	The CR results out of a requirement for RIS COMEX. Often facilities like locks or operable bridges reserve certain time slots for certain vessels (either specific vessel types or from a certain direction). It is important for voyage planning software to know, which vessels can pass at what time in order to find ideal routes and calculate realistic ETAs.	AF	2.5 or S-401	

pert Gro	CR number	R versio	CR Supplier	Title / short description	Issue date [dd.mm.yyyy]	roved / Withdrawn / Rejec	Date of decision [dd.mm.yyyy]	Description of change	Affected parts of the st	mented in standard v	Comment
IEHG	402	0	DE	MMSI and AtoN type for buoys and beacons	11.9.2019		23.10.2019	Like in maritime ECDIS (S-101, Annex A) we also need an unique MMSI (Maritime Mobile Service Identity) code for Real AIS AtoNs (aids to navigation) in Inland ECDIS in order to uniquely identify the objects and to unambigously associate AIS-AtoN messages. ECDIS manucfactures have to place different symbols depending on their type (AtoN,	O.1.1, O.1.3, O.1.5, O.1.9,	2.5 or S-401	Comment BB 23.09.2019: the change request includes the attribute Type of Aton, typatn. I could not find it in the S-100 registry. If it has not been registered, we would have to add it in the IENC domain. The change request is referring to page O.1.9, swinging lateral buoy, BOYLAT. The attribute would therefore have to be added to the feature BOYLAT, too. Or should O.1.9 be deleted? The new attributes would also have to be added in the Recommended Validation Checks for Inland ENCs for the features bcnlat, boylat and BOYSPP (and BOYLAT?). Comment Büscher: Yes, typatn is a new attribute and we have to add it in the IENC domain. O.1.9, swinging lateral buoy, is correctly included here. The new attributes also have to be added for bcnlat, boylat, BOYLAT and BOYSPP in the Recommended Validation Checks.