

Bits 1 to 43 of 202 Information bits																																																																																											
1 to 43 of 154 bit Main Field																																																																																											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43																																																	
TAC Number (16 bits) (Part of 23 HEX ID)																	Serial Number (14 bits) (Part of 23 HEX ID)										Country Code (10 bits) (Part of 23 HEX ID)										Homing Status		AIS Function		Test Protocol																																																		
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	2	3	4	5	6	7	8	9	10	11			45																																																	
23 HEX ID bit numbers																																																																																											
Bits 44 to 90 of 202 Information bits																																																																																											
44 to 90 of 154 bit Main Field																																																																																											
44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90																																													
Encoded Location (47 bits)																																																																																											
Bits 91 to 137 of 202 Information bits																																																																																											
91 to 137 of 154 bit Main Field																																																																																											
91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137																																													
Vessel ID (47 bits) (Part of 23 HEX ID)																																																																																											
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137
23 HEX ID bit numbers																																																																																											
Bits 138 to 154 of 202 Information bits																																																																																											
138 to 154 of 154 bit Main Field																																																																																											
138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154																																																																											
Beacon Type (3 bits)			Spare Bits (14 bits)																																																																																								
Bits 155 to 202 of 202 Information bits																																																																																											
Rotating Field Information (48 bits)																																																																																											
Bits 203 to 250 of message bits (Error Correction Code)																																																																																											
48 bits																																																																																											
203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250																																												
BCH (250,202)																																																																																											

**NOTE: When displaying a message as 63 hex characters, one bit is inserted at the beginning of the message to indicate the PRN sequence (0 = Normal, 1 = self-test), followed by one zero, to form the 63 hexadecimal representation (2 bits + 250 bit message) for processing by the Cospas-Sarsat ground segment.**

- END OF APPENDIX E -