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.....1
(500).....1
(500).....6
(500).....10
(500 /).....17
(500).....25
(500).....31
(500).....39
(500).....51
(500).....59
(500).....65
(500).....69
(500).....73
(500).....80
(500).....85
.....90
GMDSS 93
GMDSS 96
.....107
.....112
750kW 112
750kW 122
750kW 126
750kW 134
750kW 140
750kW 144
750kW 148
750kW 154
750kW 163
750kW 166
750kW 169
750kW 175

750kW 183
750kW 186
750kW 190
750kW 207
750kW 221
750kW 224
..... 227
(750kW 231
750kW 236
..... 240
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..... 254
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.....302
GMDSS 304
GMDSS 311
.....315
.....316
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.....321
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.....327
.....329
.....331
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.....358
Z01 358
Z02 362
Z03 364
Z04 366

Z05 368
Z06 371
Z07 375
Z08 377
Z09 380
T01 383
T02 390
T03 397
T04 405
T05 410
T06 416
T07 420
T081 422
T082 424
T09 426
T10 428
T11 431
T12 434
T13 438
T14 441

..... 444
Z01 - - 444
Z01 - - 444
Z01 - - 445
Z01 - - 445
Z02 446
Z03 447
Z04 448
Z05 449
Z06 450
Z08 451
Z09 452
T01 453
T02 454

T03 455
T04 456
T05 457
T061 458
T062 459
T063 460
T07 461
T081 462
T082 463
T09 464
T10 465
T11 466
T12 467
T13 468
T14 469

(500)

9001: 500

9002: 500

	9001	9002
1		
1.1		
1.1.1		√
1.1.2		√
1.2		
1.2.1		√
1.2.2		√
1.3		√
2		
2.1		
2.1.1		√
2.1.2		√
2.1.3		√
2.2		√
2.3 ( )		√
2.4 ( )		√
2.5		√
2.6		
2.6.1		√
2.6.2		√
2.7		
2.7.1		√
2.7.2		√
2.8		√
2.9		√
2.10		√
2.11		√
2.12		√

	9001	9002
2.13		√
3		
3.1		
3.1.1		√
3.1.2		√
3.1.3		√
3.1.4		√
3.1.5		√
3.2		
3.2.1		√
3.2.2		√
3.2.3		√
3.2.4		√
3.2.5		√
3.2.6		√
3.3		
3.3.1		√
3.3.2		√
3.3.3		√
3.3.4		√
3.3.5		√
3.4		√
4		
4.1		√
4.2		√
4.3		√
4.4		√
4.5		√
4.6		√
4.7		√
4.8		
4.8.1		√
4.8.2		√
4.9		√
4.10		√
4.11		√
5		
5.1		
5.1.1		√
5.1.2		√

	9001	9002
5.2		√
5.3		√
5.4 IMSBC		√
5.5		√
5.6 IBC		√
5.7 IMDG		
5.7.1		√
5.7.2 IMDG		√
5.8		√
5.9		√
5.10		√
5.11		√
5.12		√
5.13		√
5.14		√
6 SOLAS STCW MARPOL 2006		
6.1 SOLAS		
6.1.1	√	
6.1.2	√	
6.1.3	√	√
6.1.4	√	√
6.1.5	√	√
6.1.6	√	√
6.1.7	√	√
6.1.8	√	√
6.2 STCW		
6.2.1	√	√
6.2.2	√	√
6.2.3	√	√
6.2.4	√	√
6.2.5	√	√
6.2.6	√	√
6.2.7 STCW	√	
6.2.8	√	
6.3 MARPOL		
6.3.1	√	
6.3.2	√	√
6.3.3	√	√
6.3.4	√	√

	9001	9002
6.3.5	√	
6.3.6	√	√
6.3.7	√	
6.4 2006		
6.4.1	√	
6.4.2	√	
6.4.3	√	√
6.4.4	√	√
6.4.5	√	√
7		
7.1		
7.1.1	√	√
7.1.2	√	√
7.1.3	√	
7.2		
7.2.1	√	√
7.2.2	√	√
7.2.3	√	
7.2.4	√	
7.2.5	√	
7.3		
7.3.1	√	√
7.3.2 94	√	√
7.3.3 NYPE2015	√	√
7.3.4	√	√
7.4		
7.4.1 LOF2011	√	
7.5		
7.5.1 ITF	√	
7.6		
7.6.1	√	
7.6.2	√	
8		
8.1	√	
8.2	√	
8.3	√	
8.4	√	
8.5 ISM	√	

	9001	9002
8.6	√	
8.7	√	
8.8	√	
8.9	√	
8.10		
8.10.1		√
8.10.2		√
8.10.3		√
8.10.4		√
8.10.5		√

(500)

9003: 500 /

	9003
1	
1.1	
1.1.1	√
1.1.2	
1.1.3	√
1.1.4	√
1.1.5	√
1.1.6	√
1.1.7	√
1.1.8	√
1.1.9	√
1.1.10	√
1.2	
1.2.1	√
1.2.2	√
1.2.3	√
1.2.4	√
1.3	
1.3.1	√
1.3.2	√
1.4 ECDIS	
1.4.1	√
1.4.2	√
1.4.3	√
2	
2.1	
2.1.1	√
2.1.2	√
2.1.3	√
2.1.4	√
2.1.5	√
2.1.6	√
2.1.7	√
2.1.8	√
2.2	

	9003
2.2.1	√
2.2.2	√
2.2.3	√
2.3	
2.3.1	√
2.3.2	√
2.3.3	√
2.3.4	√
2.4	√
2.5	√
3	
3.1	
3.1.1	√
3.1.2	√
3.1.3	√
3.1.4	√
3.1.5	√
3.2	
3.2.1	√
3.2.2	√
3.2.3	√
3.2.4	√
4	
4.1	
4.1.1	√
4.1.2	√
4.1.3	√
4.1.4	√
4.1.5	√
4.2	
4.2.1	√
4.2.2	√
4.2.3	√
4.2.4	√
4.2.5	√
4.2.6	√
4.3	
4.3.1	√
4.3.2	√
4.3.3	√

	9003
4.3.4	√
4.3.5	√
4.4	√
5	
5.1	
5.1.1	√
5.1.2	√
5.1.3	√
5.2	
5.2.1	√
5.2.2	√
5.2.3	√
6	
6.1	
6.1.1	√
6.1.2	√
6.1.3	√
6.2	
6.2.1 /	√
6.2.2	√
6.2.3	√
6.2.4	√
6.2.5	√
7	
7.1 ISM	√
7.2	
7.2.1	√
7.2.2	√
7.2.3	√
7.2.4	√
8	
8.1	√
8.2	√
8.3	√
8.4	√
8.5	√
8.6	√
8.7 AIS	√
8.8 GPS (GNSS)	√
8.9 VDR	√

	9003
8.10 SSAS LRIT	√
8.11 IBS	√
8.12	√
9	
9.1 SOLAS	
9.1.1	√
9.1.2	√
9.1.3	√
9.1.4	√
9.2 STCW	
9.2.1	√
9.2.2	√
9.2.3	√
9.2.4	√
9.2.5	√
9.3 MARPOL	
9.3.1	√
9.3.2	√
9.4 2006	
9.4.1	√
9.4.2	√
10	
10.1	√
10.2	√
10.3	√
10.4	√
10.5	√
11 SMCP VTS	
11.1 SMCP	√
11.2	√

(500)

9101:3000
9102:500 3000
9103:3000
9104:500 3000

	9101	9102	9103	9104
1				
1.1	√	√	√	√
1.2				
1.2.1	√	√		
1.2.2	√	√		
1.2.3	√	√		
1.2.4	√	√		
1.3	√	√	√	√
1.4				
1.4.1	√	√	√	√
1.4.2	√	√	√	√
1.5				
1.5.1	√	√	√	√
1.5.2	√	√	√	√
1.5.3	√	√	√	√
1.5.4	√	√	√	√
1.6	√	√	√	√
1.7				
1.7.1	√	√	√	√
1.7.2	√	√	√	√
1.8	√	√		
1.9	√	√	√	√
2				
2.1 1972				
2.1.1	√	√	√	√
2.1.2	√	√	√	√
2.1.3	√	√	√	√
2.1.4	√	√	√	√
2.1.5	√	√	√	√

	9101	9102	9103	9104
2.1.6	√	√	√	√
2.1.7	√	√	√	√
2.1.8	√	√	√	√
2.1.9	√	√	√	√
2.1.10	√	√	√	√
2.1.11	√	√	√	√
2.1.12	√	√	√	√
2.1.13	√	√	√	√
2.1.14	√	√	√	√
2.1.15	√	√	√	√
2.1.16	√	√	√	√
2.1.17	√	√	√	√
2.1.18	√	√	√	√
2.1.19	√	√	√	√
2.2				
2.2.1	√	√	√	√
2.2.2	√	√	√	√
2.2.3	√	√	√	√
2.2.4	√	√	√	√
2.2.5	√	√	√	√
2.3			√	√
2.4				
2.4.1			√	√
2.4.2			√	√
2.4.3			√	√
2.5				
2.5.1			√	√
2.5.2			√	√
2.6				
2.6.1			√	√
2.6.2			√	√
2.6.3	√	√	√	√
2.6.4	√	√	√	√
2.7			√	√
2.8				
2.8.1	√	√		
2.8.2	√	√		

	9101	9102	9103	9104
2.8.3	√	√		
2.9				
2.9.1 STCW	√	√	√	√
2.9.2	√	√	√	√
2.9.3	√	√		
2.10 BNWAS				
2.10.1 BNWAS	√	√	√	√
2.10.2	√	√	√	√
2.10.3	√	√	√	√
2.10.4	√	√	√	√
2.11 VDR S-VDR				
2.11.1 VDR S-VDR			√	
2.11.2			√	
2.11.3			√	
3				
3.1				
3.1.1	√	√	√	√
3.1.2	√	√	√	√
3.2				
3.2.1	√	√	√	√
3.2.2	√	√	√	√
3.2.3	√	√	√	√
3.2.4	√	√	√	√
3.3				
3.3.1	√	√	√	√
3.3.2	√	√	√	√
3.3.3	√	√	√	√
3.3.4	√	√	√	√
3.4				
3.4.1	√	√	√	√
3.4.2	√	√	√	√
3.5				
3.5.1	√	√	√	√

	9101	9102	9103	9104
3.5.2	√	√	√	√
3.5.3	√	√	√	√
3.6				
3.6.1	√	√		
3.6.2	√	√		
3.6.3	√	√		
3.7				
3.7.1			√	√
3.7.2	√	√	√	√
3.7.3	√	√	√	√
3.7.4	√	√	√	√
3.7.5	√	√	√	√
4				
4.1 SOLAS				
4.1.1	√	√	√	√
4.1.2 SOLAS	√	√	√	√
4.1.3	√	√	√	√
4.2				
4.2.1	√	√	√	√
4.2.2	√	√	√	√
4.2.3	√	√	√	√
4.2.4	√	√	√	√
4.2.5	√	√	√	√
4.2.6	√	√	√	√
4.3				
4.3.1	√	√	√	√
4.3.2	√	√	√	√
4.3.3	√	√		
4.4				
4.4.1	√	√	√	√
4.4.2	√	√	√	√
4.4.3	√	√	√	√
4.4.4	√	√	√	√
4.4.5	√	√	√	√
4.4.6	√	√	√	√

	9101	9102	9103	9104
4.5				
4.5.1	√	√	√	√
4.5.2	√	√	√	√
4.6				
4.6.1	√	√	√	√
4.6.2	√	√	√	√
4.6.3	√	√	√	√
4.6.4	√	√	√	√
4.6.5	√	√	√	√
4.7				
4.7.1	√	√	√	√
4.7.2	√	√	√	√
4.7.3	√	√	√	√
4.7.4	√	√	√	√
4.8				
4.8.1	√	√		
4.8.2	√	√		
4.8.3	√	√		
4.8.4	√	√		
4.8.5	√	√		
4.8.6	√	√		
4.8.7	√	√		
4.8.8	√	√		
4.8.9	√	√		
4.8.10	√	√		
4.9				
4.9.1	√	√	√	√
4.9.2	√	√		
4.9.3	√	√	√	√
4.10				
4.10.1	√	√	√	√
4.10.2	√	√	√	√
4.10.3	√	√	√	√
4.11				
4.11.1	√	√	√	√
4.11.2	√	√	√	√
4.12				
4.12.1	√		√	

	9101	9102	9103	9104
4.12.2	√		√	
4.12.3	√		√	
4.12.4	√		√	
4.12.5	√		√	
4.12.6	√		√	
4.13				
4.13.1	√	√	√	√
4.13.2	√	√	√	√
4.13.3	√	√	√	√
4.13.4	√	√	√	√
4.14				
4.14.1	√	√	√	√
4.14.2	√	√	√	√
4.14.3	√	√	√	√
4.14.4	√	√	√	√
4.14.5	√	√	√	√
4.15				
4.15.1	√	√	√	√
4.15.2	√	√	√	√
4.15.3	√	√	√	√
4.15.4	√	√	√	√
4.15.5	√	√	√	√
4.16				
4.16.1 TSS VTS	√	√	√	√
4.16.2	√	√	√	√
4.17				
4.17.1	√	√		
4.17.2	√	√		
5				
5.1				
5.1.1	√	√	√	√
5.1.2	√	√	√	√
5.1.3	√	√	√	√
5.1.4	√	√	√	√
5.1.5	√	√	√	√

	9101	9102	9103	9104
5.2	√	√	√	√
5.3				
5.3.1	√	√	√	√
5.3.2	√	√	√	√
5.3.3	√	√	√	√

(500 /)

9105:500 /

	9105
1	
1.1	
1.1.1	√
1.1.2	√
1.1.3	√
1.2	
1.2.1	√
1.2.2	√
1.3 IMO	
1.3.1	√
1.3.2IMO	√
1.4	
1.4.1	√
1.4.2	√
1.5	
1.5.1	√
1.5.2	√
1.5.3	√
1.6	
1.6.1	√
1.6.2	√
1.6.3	√
1.6.4	√
1.6.5	√
1.7	
1.7.1	√
1.7.2	√
1.8	
1.8.1	√
1.8.2	√
1.8.3	√
1.8.4	√
1.9	
1.9.1	√

	9105
1.9.2	√
1.9.3	√
1.9.4	√
1.10	√
1.11	
1.11.1	√
1.11.2	√
1.12	√
1.13	
1.13.1	√
1.13.2	√
1.13.3	√
1.13.4	√
1.13.5	√
1.14	√
1.15	
1.15.1	√
1.13.2	√
2	
2.1	
2.1.1	√
2.1.2	√
2.1.3	√
2.1.4	√
2.2	
2.2.1	√
2.2.2	√
2.3	√
2.4	
2.4.1	√
2.4.2	√
2.5	
2.5.1	√
2.5.2	√
2.6	√
3	
3.1	
3.1.1	√
3.1.2	√

	9105
3.1.3	√
3.1.4	√
3.1.5	√
3.2	
3.2.1	√
3.2.2	√
3.2.3	√
3.2.4	√
3.2.5	√
3.3	
3.3.1	√
3.3.2	√
3.3.3	√
3.3.4	√
3.4	
3.4.1	√
3.4.2	√
3.4.3	√
3.4.4	√
3.4.5	√
3.4.6	√
3.4.7	√
3.4.8	√
3.4.9	√
3.4.10	√
3.4.11	√
3.4.12	√
3.5	
3.5.1	√
3.5.2	√
3.5.3	√
3.5.4	√
3.5.5	√
3.6	
3.6.1	√
3.6.2	√
3.6.3	√
3.7	

	9105
3.7.1	√
3.7.2	√
3.8	
3.8.1	√
3.8.2	√
3.8.3	√
3.8.4	√
3.8.5	√
3.9 CPA TCPA	
3.9.1	√
3.9.2	√
3.9.3	√
3.9.4	√
3.9.5	√
3.9.6 CPA TCPA	√
3.9.7	√
3.9.8	√
3.10	
3.10.1	√
3.10.2	√
3.10.3	√
3.10.4	√
3.10.5	√
3.11	
3.11.1	√
3.11.2	√
3.11.3	√
3.11.4	√
3.11.5	√
3.11.6	√
3.11.7	√
3.11.8	√
3.11.9	√

	9105
3.11.10	√
3.12	√
3.13	
3.13.1	√
3.13.2	√
3.13.3	√
3.13.4	√
3.13.5	√
3.14	
3.14.1	√
3.14.2	√
3.14.3	√
3.14.4	√
3.14.5	√
3.15	
3.15.1	√
3.15.2	√
3.15.3	√
3.15.4	√
3.16	
3.16.1	√
3.16.2	√
3.17	
3.17.1	√
3.17.2	√
3.17.3	√
3.17.4	√
3.17.5	√
3.18	
3.18.1	√
3.18.2	√
3.18.3	√
3.18.4	√
3.18.5	√

	9105
3.18.6	√
3.18.7	√
3.18.8	√
3.19	
3.19.1	√
3.19.2	√
4	
4.1	
4.1.1	√
4.1.2 STCW	√
4.1.3	√
4.2	
4.2.1	√
4.2.2	√
4.3	
4.3.1	√
4.3.2	√
4.4	
4.4.1	√
4.4.2	√
4.4.3	√
4.4.4	√
4.4.5	√
4.4.6	√
4.4.7	√
4.4.8	√
4.4.9	√
4.5	√
4.6	
4.6.1	√
4.6.2	√
4.7	
4.7.1	√
4.7.2	√
4.7.3	√
4.8	√
4.9	√
4.10	√
5	

	9105
5.1	√
5.2	√
5.3	√
5.4	√
5.5	
5.5.1	√
5.5.2	√
6	
6.1	
6.1.1	√
6.1.2	√
6.2	
6.2.1	√
6.2.2	√
6.2.3	√
6.2.4	√
6.3	
6.3.1	√
6.3.2	√
6.3.3	√
6.3.4	√
6.3.5	√
6.4	
6.4.1	√
6.4.2	√
6.4.3	√
6.4.4	√
6.4.5	√
7	
7.1	
7.1.1	√
7.1.2	√
7.2	√
7.3	√
7.4	
7.4.1	√

	9105
7.4.2	√
7.4.3	√
7.4.4	√
7.5	
7.5.1	√
7.5.2	√
7.5.3	√
7.6	
7.6.1	√
7.6.2	√
7.6.3	√
7.7	
7.7.1	√
7.7.2	√
7.7.3	√
7.7.4	√
7.7.5	√
8	
8.1	
8.1.1	√
8.1.2	√
8.1.3	√
8.1.4	√
8.1.5	√
8.1.6	√
8.1.7	√
8.1.8	√
8.1.9	√
8.1.10	√
8.1.11	√
8.1.12	√
8.1.13	√
8.2	
8.2.1 Morse	√
8.2.2 SOS	√
8.2.3	√
8.2.4	√

(500)

9107: 500

9108: 500

9109: 500 /

	9107	9108	9109
1			
1.1			
1.1.1	√	√	√
1.1.2	√	√	√
1.1.3	√	√	√
1.2 IMO			
1.2.1	√		
1.2.2IMO	√		
1.3			
1.3.1	√	√	√
1.3.2	√	√	√
1.4			
1.4.1	√	√	√
1.4.2	√	√	√
1.5			
1.5.1	√		
1.5.2	√		
1.5.3	√		
1.5.4	√		
1.5.5	√		
1.5.6	√		
1.5.7	√		
1.6	√	√	√
1.7			
1.7.1	√	√	√
1.7.2	√	√	√
1.7.3	√	√	√
1.8			
1.8.1	√	√	√
1.8.2	√	√	√
2			

	9107	9108	9109
2.1			
2.1.1		√	√
2.1.2		√	√
2.1.3		√	√
2.1.4		√	√
2.2			
2.2.1	√	√	√
2.2.2	√	√	√
2.2.3	√	√	√
2.2.4	√	√	√
2.2.5	√	√	√
2.2.6	√	√	√
2.2.7	√	√	√
2.2.8	√	√	√
2.2.9	√	√	√
2.2.10	√	√	√
2.2.11	√	√	√
2.2.12	√	√	√
2.2.13	√	√	√
2.3			
2.3.1		√	√
2.3.2		√	√
2.4			
2.4.1	√	√	√
2.4.2	√	√	√
2.4.3	√	√	√
2.5			
2.5.1	√	√	√
2.5.2	√	√	√
2.6			
2.6.1	√	√	√

	9107	9108	9109
2.6.2	√	√	√
2.6.3	√	√	√
2.6.4	√	√	√
2.6.5	√	√	√
2.7 CPA TCPA			
2.7.1	√	√	√
2.7.2	√	√	√
2.7.3	√	√	√
2.7.4	√	√	√
2.7.5	√	√	√
2.7.6 CPA TCPA	√	√	√
2.7.7	√	√	√
2.7.8	√	√	√
2.8			
2.8.1	√	√	√
2.8.2	√	√	√
2.8.3	√	√	√
2.8.4	√	√	√
2.8.5	√	√	√
2.9			
2.9.1		√	√
2.9.2		√	√
2.9.3		√	√
2.9.4		√	√
2.9.5		√	√
2.9.6		√	√
2.9.7		√	√
2.9.8		√	√
2.9.9		√	√
2.10		√	√

	9107	9108	9109
2.11			
2.11.1	√	√	√
2.11.2	√	√	√
2.11.3	√	√	√
2.11.4	√	√	√
2.11.5	√	√	√
2.12			
2.12.1	√	√	√
2.12.2	√	√	√
2.12.3	√	√	√
2.12.4	√	√	√
2.12.5	√	√	√
2.13			
2.13.1	√	√	√
2.13.2	√	√	√
2.13.3	√	√	√
2.13.4	√	√	√
2.14			
2.14.1	√	√	√
2.14.2	√	√	√
2.15			
2.15.1	√	√	√
2.15.2	√	√	√
2.15.3	√	√	√
2.15.4	√	√	√
2.15.5	√	√	√
2.16			
2.16.1	√	√	√
2.16.2	√	√	√
2.16.3	√	√	√
2.16.4	√	√	√

	9107	9108	9109
2.16.5	√	√	√
2.16.6	√	√	√
2.16.7	√	√	√
2.16.8	√	√	√
2.17			
2.17.1	√	√	√
2.17.2	√	√	√
2.18			
2.18.1	√	√	
2.18.2	√	√	
2.18.3	√	√	
2.18.4	√	√	
2.18.5	√	√	
3			
3.1			
3.1.1		√	√
3.1.2		√	√
3.2	√	√	√
3.3			
3.3.1		√	√
3.3.2		√	√
3.4			
3.4.1	√	√	√
3.4.2	√	√	√
3.5			
3.5.1		√	√
3.5.2		√	√
3.5.3		√	√
3.5.4		√	√
3.6	√	√	√
3.7	√	√	√
4			
4.1	√	√	√
4.2	√	√	√
4.3	√	√	√
4.4	√	√	√
5			

	9107	9108	9109
5.1	√		
5.2			
5.2.1	√	√	√
5.2.2	√	√	
5.2.3	√	√	
5.2.4	√	√	
5.3			
5.3.1	√	√	√
5.3.2	√	√	√
5.3.3	√	√	
5.3.4	√	√	
5.4			
5.4.1	√	√	
5.4.2	√	√	
5.5			
5.5.1	√	√	
5.5.2	√		
6			
6.1	√	√	√
6.2	√	√	√
6.3			
6.3.1	√	√	√
6.3.2	√	√	√
6.3.3	√	√	√
6.4	√	√	√
6.5			
6.5.1	√	√	√
6.5.2	√	√	√
6.5.3	√	√	√

(500)

9201: 500
9202: 500
9203: 500
9204: 500

	9201	9202	9203	9204
1				
1.1	√	√	√	√
1.2				
1.2.1			√	√
1.2.2	√	√	√	√
1.2.3	√	√		
1.2.4	√	√		
1.3	√	√	√	√
1.4				
1.4.1	√		√	
1.4.2	√	√	√	√
1.4.3	√	√		
1.4.4	√	√	√	√
1.4.5	√	√	√	√
1.4.6	√	√	√	√
1.4.7	√	√	√	√
1.4.8 VTS	√	√	√	√
1.4.9	√	√	√	√
1.5				
1.5.1	√	√	√	√
1.5.2	√	√	√	√
1.6				
1.6.1	√	√	√	√
1.6.2	√	√	√	√
2				
2.1				
2.1.1				
2.1.1.1			√	
2.1.1.2			√	
2.1.1.3			√	
2.1.2 RADAR GPS			√	√

	9201	9202	9203	9204
2.1.3			√	√
2.1.4	√	√	√	√
2.2				
2.2.1 GPS/DGPS	√	√	√	√
2.2.2	√	√	√	√
3				
3.1				
3.1.1			√	√
3.1.2			√	√
3.1.3 GPS			√	√
3.1.4			√	√
3.1.5			√	
3.1.6			√	
3.1.7			√	
3.1.8			√	
3.2				
3.2.1			√	√
3.2.2			√	√
3.2.3			√	√
3.2.4			√	√
3.2.5			√	√
3.2.6			√	√
3.2.7			√	√
3.2.8			√	√
3.3				
3.3.1			√	√
3.3.2			√	√
4				

	9201	9202	9203	9204
4.1 THD SDME EPFS AIS ,				
4.1.1 THD	√	√	√	√
4.1.2	√	√	√	√
4.1.3	√	√	√	√
4.1.4	√	√	√	√
4.1.5 AIS	√	√	√	√
4.1.6	√	√	√	√
4.2				
4.2.1	√	√		
4.2.2	√	√		
4.2.3	√	√		
4.2.4	√	√	√	√
4.3 ARPA/TT AIS				
4.3.1	√	√	√	√
4.3.2 ARPA/TT	√	√	√	√
4.3.3 AIS	√	√	√	√
4.4				
4.4.1			√	√
4.4.2			√	√
4.4.3			√	√
4.4.4			√	√
4.4.5	√	√		
5 ECDIS				
5.1 ECDIS SOLAS IMO/IHO STCW	√	√		
5.2 ECDIS ( )				
5.2.1 ECDIS	√	√		
5.2.2 ECDIS	√	√		
5.2.3 ECDIS	√	√		
5.3				

	9201	9202	9203	9204
5.3.1	√	√	√	√
5.3.2	√	√	√	√
5.4 ( )	√	√	√	√
5.5	√	√		
5.6 ECDIS				
5.6.1 ECDIS	√	√	√	√
5.6.2 ECDIS	√	√	√	√
5.7	√	√	√	√
5.8 ECDIS				
5.8.1	√	√		
5.8.2	√	√		
5.9			√	√
5.10 ECDIS	√	√	√	√
5.11 ECDIS ,	√	√	√	√
5.12			√	√
5.13 ECDIS				
5.13.1 ECDIS	√	√	√	√
5.13.2 ECDIS	√	√		
6				
6.1				
6.1.1				
6.1.1.1			√	√
6.1.1.2			√	√
6.1.1.3			√	√
6.1.1.4			√	
6.1.2				
6.1.2.1	√	√	√	√
6.1.2.2	√	√	√	√
6.1.2.3	√	√	√	√
6.1.3				
6.1.3.1			√	√
6.1.3.2			√	√
6.1.3.3			√	√
6.1.3.4			√	√
6.1.3.5			√	√
6.1.3.6			√	√

	9201	9202	9203	9204
6.1.4				
6.1.4.1	√	√	√	√
6.1.4.2	√	√	√	√
6.1.4.3	√	√	√	√
6.1.4.4	√	√	√	√
6.1.5	√	√	√	√
6.1.6				
6.1.6.1	√	√	√	√
6.1.6.2	√	√	√	√
6.1.6.3	√	√	√	√
6.1.6.4	√	√	√	√
6.1.6.5	√	√	√	√
6.1.6.6	√	√	√	√
6.1.7				
6.1.7.1	√	√	√	√
6.1.7.2	√	√	√	√
6.1.7.3	√	√	√	√
6.1.8				
6.1.8.1	√	√	√	√
6.1.8.2	√	√	√	√
6.1.9				
6.1.9.1	√	√	√	√
6.1.9.2	√	√	√	√
6.1.9.3	√	√	√	√
6.1.9.4	√	√	√	√
6.1.9.5	√	√	√	√
6.1.9.6	√	√	√	√
6.2				
6.2.1				
6.2.1.1			√	√
6.2.1.2			√	√
6.2.1.4			√	√
6.2.1.5			√	√

	9201	9202	9203	9204
6.2.1.6			√	√
6.2.1.7			√	√
6.2.1.8			√	√
6.2.1.9			√	√
6.2.1.10			√	√
6.2.1.11			√	√
6.2.1.14			√	√
6.2.1.15			√	√
6.2.1.16			√	√
6.2.1.17			√	
6.2.1.18			√	√
6.2.1.19			√	√
6.2.1.20			√	√
6.2.1.21			√	√
6.2.1.22			√	√
6.2.1.23			√	√
6.2.1.25			√	√
6.2.1.26			√	
6.2.2				
6.2.2.1			√	√
6.2.2.2			√	√
6.2.2.3			√	√
6.2.2.4			√	√
6.2.2.5			√	√
6.2.2.6			√	
6.2.2.7			√	
6.2.2.8			√	√
6.2.2.9			√	√
6.2.2.10			√	
6.2.3				
6.2.3.1	√	√	√	√
6.2.3.2	√	√	√	√
6.2.3.3	√	√	√	√
6.2.3.4	√	√	√	√
6.2.3.5	√	√	√	√
6.2.3.6	√	√	√	√
6.2.3.7	√	√	√	√
6.2.3.8	√	√	√	√

	9201	9202	9203	9204
6.2.3.9	√	√	√	√
6.2.4				
6.2.4.1	√	√	√	√
6.2.4.2	√	√	√	√
6.2.4.3	√	√	√	√
6.2.4.4	√	√	√	√
6.2.4.5	√	√	√	√
6.2.4.6	√	√	√	√
6.2.4.7	√	√	√	√
6.2.4.8	√	√	√	√
6.2.4.9	√	√	√	√
6.2.4.10	√		√	
6.2.4.11	√		√	
6.2.4.12	√	√	√	√
6.2.5				
6.2.5.1	√	√	√	√
6.2.5.2	√	√		
6.2.5.3	√	√		
6.2.5.4	√	√	√	√
6.2.5.5	√	√		
6.2.5.6	√	√	√	√
6.2.5.7	√	√		
6.2.5.8	√	√	√	√
6.2.5.9	√	√	√	√
6.2.6				
6.2.6.1	√	√	√	√
6.2.6.2	√	√	√	√
6.2.6.3	√	√	√	√
6.2.6.4	√	√	√	√
6.2.7 ( )				
6.2.7.1	√	√	√	√
6.2.7.2	√	√	√	√
6.2.7.3	√		√	
6.2.7.4	√	√	√	√
6.2.7.5	√	√	√	√
6.2.7.6	√	√	√	√

	9201	9202	9203	9204
6.2.7.7	√		√	
6.2.7.8	√	√	√	√
6.2.7.9	√	√	√	
6.2.7.10	√	√	√	√
6.2.7.11	√	√	√	√
6.2.7.12	√	√	√	√
6.2.7.13	√	√	√	√
6.2.7.14	√	√	√	√
6.2.7.16	√	√	√	√
6.2.7.17	√	√	√	√
6.2.7.18	√	√	√	√
6.2.8				
6.2.8.1	√	√	√	√
6.2.8.2	√	√	√	√
6.2.8.3	√	√	√	√
6.2.8.4	√	√	√	√
6.3				
6.3.1			√	√
6.3.2			√	
6.3.3			√	
6.3.4			√	√

(500)

9205: 500 /
9206: 500 /

	9205	9206
1		
1.1		
1.1.1	√	
1.1.2	√	
1.1.3	√	
1.1.4	√	
1.1.5	√	
1.2		
1.2.1	√	
1.2.2	√	
1.2.3	√	
1.2.4	√	
1.2.5	√	
1.2.6	√	
1.2.7	√	
1.3		
1.3.1	√	
1.3.2	√	
1.3.3	√	
1.3.4	√	
1.3.5	√	
1.4		
1.4.1	√	
1.4.2	√	
1.5		
1.5.1	√	
1.5.2	√	
1.5.3	√	
1.6		
1.6.1	√	
1.6.2	√	
1.6.3	√	
1.7		
1.7.1	√	

	9205	9206
1.7.2	√	
1.7.3	√	
1.8		
1.8.1	√	
1.8.2	√	
1.8.3	√	
1.9		
1.9.1	√	
1.9.2	√	
2		
2.1		
2.1.1	√	√
2.1.2	√	√
2.1.3	√	√
2.2		
2.2.1	√	√
2.2.2	√	√
2.2.3	√	√
2.3		
2.3.1	√	√
2.3.2	√	√
2.4		
2.4.1	√	√
2.4.2	√	√
2.5	√	√
2.6	√	√
2.7	√	√
2.8		
2.8.1	√	
2.8.2		√
2.8.3	√	√
2.9	√	√
2.10		
2.10.1	√	√
2.10.2	√	√
2.10.3	√	√
2.11		
2.11.1	√	√

	9205	9206
2.11.2	√	√
2.11.3	√	√
2.12		
2.12.1	√	√
2.12.2	√	√
2.12.3	√	√
2.12.4	√	√
2.13		
2.13.1	√	√
2.13.2	√	√
2.14		
2.14.1	√	√
2.14.2	√	
2.15.3	√	√
2.15		
2.15.1	√	√
2.15.2	√	√
2.15.3	√	√
2.15.4	√	√
2.16		
2.16.1	√	
2.16.2		√
2.17		
2.17.1	√	
2.17.2		√
2.17.3	√	√
2.17.4	√	√
2.17.5	√	
2.17.6		√
2.17.7	√	√
2.17.8	√	√
3		
3.1		
3.1.1	√	√
3.1.2	√	√
3.1.3	√	√
3.1.4	√	√
3.1.5	√	
3.2	√	√

	9205	9206
3.3		
3.3.1	√	
3.3.2		√
3.3.3	√	√
3.3.4	√	√
3.4		
3.4.1	√	
3.4.2		√
3.5		
3.5.1	√	
3.5.2		√
3.6		
3.6.1	√	√
3.6.2	√	√
3.6.3	√	√
3.9	√	√
4		
4.1		
4.1.1	√	
4.1.2	√	
4.2		
4.2.1	√	√
4.2.2	√	√
4.2.3	√	√
4.2.4	√	√
4.2.5	√	√
5		
5.1		
5.1.1	√	√
5.1.2	√	√
5.2 VTS		
5.2.1	√	√
5.2.2	√	√
5.2.3 VTS	√	√
6		
6.1	√	√

	9205	9206
6.2	√	√
6.3	√	√
6.4	√	√
6.5 GPS	√	√
6.6 GPS	√	√
6.7 GPS	√	√
6.8 GPS	√	√
6.9 DGPS	√	√
6.10 GPS	√	√
6.11 GPS	√	√
6.12	√	√
6.13	√	√
6.14	√	√
6.15	√	√
6.16	√	
7		
7.1	√	√
7.2	√	√
7.3	√	√
7.4	√	√
7.5	√	√
7.6	√	√
7.7	√	√
8		
8.1		
8.1.1	√	√
8.1.2	√	√
8.1.3	√	√
8.1.4	√	√
8.1.5	√	√
8.1.6	√	√
8.1.7	√	√
8.2		
8.2.1	√	√
8.2.2	√	√
8.3		
8.3.1	√	√
8.3.2	√	√
8.3.3	√	√
8.3.4	√	√

	9205	9206
8.4		
8.4.1	√	√
8.4.2	√	√
8.4.3 CPA TCPA	√	√
8.4.4	√	√
8.4.5	√	√
8.5 ARPA TT AIS		
8.5.1	√	√
8.5.2 AIS	√	√
8.5.3 AIS	√	√
8.5.4 IMO ARPA TT/AIS	√	√
8.5.5 ARPA TT AIS	√	√
8.5.6	√	√
8.5.7 AIS	√	√
8.6 ARPA TT/AIS		
8.6.1 ARPA TT	√	√
8.6.2 AIS	√	√
8.6.3 ARPA TT AIS	√	√
8.6.4	√	√
8.6.5	√	√
8.6.6	√	√
8.6.7 ARPA TT AIS	√	√
8.7		
8.7.1	√	√
8.7.2	√	√
8.7.3	√	√
8.7.4	√	√
8.7.5	√	√
9 AIS VDR		
9.1 AIS		
9.1.1 AIS	√	√
9.1.2 AIS	√	√
9.1.3 AIS	√	√
9.1.4 AIS	√	√
9.1.5 AIS	√	√
9.1.6 AIS	√	√
9.2		
9.2.1	√	√
9.2.2	√	√

	9205	9206
9.2.3	√	√
9.3 VDR		
9.3.1 VDR VDR	√	√
9.3.2 VDR	√	√
9.4 LRIT		
9.4.1 LRIT	√	
9.4.2 LRIT	√	
9.5	√	√
9.6	√	√
9.7	√	√
10		
10.1	√	√
10.2		
10.2.1	√	√
10.2.2	√	√
10.2.3	√	√
10.2.4	√	√
10.2.5	√	√
10.3		
10.3.1	√	√
10.3.2	√	√
10.4	√	√
10.5	√	√
10.6	√	√
10.7	√	√
10.8	√	√
10.9	√	√
10.10		
10.10.1	√	√
10.10.2	√	√
10.11	√	√
10.13	√	√
11		
11.1	√	√
11.2	√	√
11.3 GPS	√	
11.4	√	
11.5	√	
11.6	√	

	9205	9206
11.7	√	
11.8	√	
12 ECDIS		
12.1		
12.1.1	√	√
12.1.2	√	√
12.2	√	√
12.3 ECDIS	√	√
12.4 ECDIS	√	√
12.5	√	√
12.6 ECDIS	√	√
12.7	√	√
12.8 ECDIS	√	√
12.9 ECDIS	√	√
12.10	√	√
12.11	√	√
12.12	√	√
12.13 ECDIS	√	√
12.14 ECDIS	√	√
12.15	√	√
12.16	√	√
12.17	√	√
12.18 ECDIS	√	√
13		
13.1		
13.1.1	√	√
13.1.2	√	√
13.1.3	√	√
13.2		
13.2.1	√	√
13.2.2	√	√
13.2.3	√	√
13.2.4	√	√
13.2.5	√	√

	9205	9206
13.3		
13.3.1	√	√
13.3.2	√	√
13.3.3	√	√
13.3.4	√	√
13.4		
13.4.1	√	√
13.4.2	√	√
13.4.3	√	√
13.4.4	√	√
13.4.5	√	√
13.5 -		
13.5.1	√	√
13.5.2	√	√
13.5.3	√	√
13.5.4	√	√
13.5.5	√	√
13.5.6	√	√
13.5.7	√	√
13.7		
13.7.1	√	√
13.7.2	√	√
13.8		
13.8.1	√	√
13.8.2	√	√
13.8.3	√	√
13.8.4	√	√
13.8.5	√	√
13.8.6	√	
13.8.7	√	√
13.8.8	√	√
13.8.9	√	√

	9205	9206
13.9		
13.9.1	√	√
13.9.2	√	√
13.9.3	√	√
13.9.4	√	√
13.9.5	√	√
13.9.6	√	
13.9.7	√	
13.9.8	√	√
13.9.9	√	√
13.9.10	√	
13.10		
13.10.1	√	√
13.10.2	√	√
13.10.3	√	√
13.10.4	√	√
13.10.5	√	√
13.10.6	√	
13.11		
13.11.1	√	√
13.11.2	√	√
13.11.3	√	√
13.11.4	√	√
13.11.5	√	√
13.11.6	√	√
13.11.7	√	√
13.11.8	√	√
14		
14.1		
14.1.1	√	√
14.1.2	√	√

	9205	9206
14.1.3	√	√
14.1.4	√	√
14.1.5	√	√
14.1.6	√	√
14.1.7	√	√
14.2		
14.2.1	√	√
14.2.2	√	√
14.2.3	√	√
14.2.4	√	√
14.2.5	√	√
14.2.6	√	√
14.2.7	√	√
14.3		
14.3.1	√	√
14.3.2	√	√
14.3.3	√	√
14.3.4	√	√
14.3.5	√	√
14.3.6	√	√
14.3.7	√	√
14.3.8	√	√
14.3.9	√	√
14.4		
14.4.1	√	√
14.4.2	√	√
14.4.3	√	√
14.4.4	√	√
14.5		
14.5.1	√	√
14.5.2	√	√

	9205	9206
14.5.3	√	√
14.5.4	√	√
14.5.5	√	√
14.5.6	√	√
14.6		
14.6.1	√	√
14.6.2	√	√
15		
15.1		
15.1.1	√	√
15.1.2	√	√
15.1.3	√	√
15.1.4	√	√
15.2	√	√
15.3	√	√
15.4		
15.4.1	√	√
15.4.2	√	√
15.4.3	√	√
15.4.4	√	√
15.4.5	√	√
15.4.6	√	√
17 :		
17.1	√	√
17.2	√	
17.3	√	
17.4	√	√

(500)

9207: 500

9208: 500

9209: 500 /

	9207	9208	9209
1			
1.1		√	√
1.2		√	√
1.3		√	√
1.4	√	√	√
1.5			
1.5.1	√	√	√
1.5.2	√	√	√
1.5.3	√	√	√
1.5.4	√	√	√
1.5.5	√	√	√
1.6			
1.6.1	√	√	√
1.6.2	√	√	√
1.6.3	√	√	√
1.7			
1.7.1	√	√	√
1.7.2	√	√	√
1.7.3	√	√	√
1.8			
1.8.1		√	√
1.8.2		√	√
1.8.3	√		
1.9			√
2			
2.1		√	√
2.2	√	√	√
2.3			
2.3.1	√	√	√
2.3.2	√	√	√
2.3.3	√	√	√
2.4	√	√	√

	9207	9208	9209
2.5	√	√	√
2.6	√	√	√
2.7		√	√
2.8	√	√	√
2.9	√	√	√
3			
3.1			
3.1.1	√	√	√
3.1.2	√	√	√
3.1.3	√	√	√
3.2 VTS			
3.2.1	√	√	√
3.2.2	√	√	√
3.2.3	√		
3.2.4	√		
3.2.5 VTS	√	√	√
3.3	√		
4			
4.1	√	√	√
4.2	√	√	√
4.3	√	√	√
4.4			
4.4.1	√		
4.4.2	√		
4.4.3	√		
4.5	√		
5			
5.1	√		
5.2			
5.2.1	√		√
5.2.2	√		√
5.3	√		
5.4			
5.4.1	√		
5.4.2	√		
5.4.3	√		
5.4.4	√		
5.4.5	√		

	9207	9208	9209
6			
6.1	√	√	√
6.2	√	√	√
6.3 ECDIS	√	√	√
6.4 ECDIS	√	√	√
6.5	√	√	√
6.6 ECDIS	√	√	√
6.7	√	√	√
6.8 ECDIS	√	√	√
6.9 ECDIS	√	√	√
6.10	√	√	√
6.11	√	√	√
6.12	√	√	√
6.13 ECDIS	√	√	√
6.14 ECDIS	√		
6.15	√		
6.16	√		
6.17	√		
6.18 ECDIS	√		
6.19			√
7			
7.1			√
7.2			√
7.3 AIS			√
7.4 AIS	√	√	
7.5 GPS			√
7.6 GPS	√	√	
8			
8.1			
8.1.1	√	√	√
8.1.2	√	√	√
8.1.3	√	√	√
8.1.4	√	√	√
8.1.5	√	√	√
8.1.6	√	√	√
8.1.7	√	√	√
8.2			

	9207	9208	9209
8.2.1	√	√	√
8.2.2	√	√	√
8.3			
8.3.1	√	√	√
8.3.2	√	√	√
8.3.3	√	√	√
8.3.4	√	√	√
8.3.5	√	√	√
8.4			
8.4.1	√	√	√
8.4.2	√	√	√
8.4.3 CPA TCPA	√	√	√
8.4.4	√	√	√
8.4.5	√	√	√
8.5 AIS			
8.5.1	√	√	√
8.5.2 AIS	√	√	√
8.5.3 AIS	√	√	√
8.5.4	√	√	√
8.6	√	√	√
9			
9.1		√	√
9.2		√	√
9.3		√	√
9.4		√	√
9.5		√	√
9.6		√	√
10			
10.1			
10.1.1		√	√
10.1.2		√	√
10.1.3		√	√
10.1.4		√	√
10.1.5		√	√
10.2			
10.2.1		√	√
10.2.2		√	√
10.2.3		√	√

	9207	9208	9209
10.2.4		√	√
10.2.5		√	√
10.3			
10.3.1		√	√
10.3.2		√	√
10.3.3		√	√
10.3.4		√	√
10.3.5		√	√
10.4			
10.4.1		√	√
10.4.2		√	√
10.4.3		√	√
10.4.4		√	√
10.4.5		√	√
10.5 -			
10.5.1		√	√
10.5.2		√	√
10.5.3		√	√
10.5.4		√	√
10.7			
10.7.1		√	√
10.7.2		√	√
10.7.3		√	√
10.7.4		√	√
10.8			
10.8.1		√	√
10.8.2		√	√
10.8.3		√	√
10.8.4		√	√
10.8.5		√	√
10.9			
10.9.1		√	√
10.9.2		√	√

	9207	9208	9209
10.9.3		√	√
10.9.4		√	√
10.9.5		√	√
10.9.6		√	√
10.9.7		√	√
10.10			
10.10.1		√	√
10.10.2		√	√
10.10.3		√	√
10.10.4		√	√
10.10.6		√	√
10.11	√	√	√
11			
11.1			
11.1.1	√	√	√
11.1.2	√	√	√
11.1.3	√	√	√
11.1.4	√	√	√
11.1.5	√	√	√
11.1.6	√	√	√
11.1.7	√	√	√
11.2			
11.2.1	√	√	√
11.2.2	√	√	√
11.2.3	√	√	√
11.2.4	√	√	√
11.2.5	√	√	√
11.2.6	√	√	√
11.2.7	√	√	√
11.3			

	9207	9208	9209
11.3.1	√	√	√
11.3.2	√	√	√
11.3.3	√	√	√
11.3.4	√	√	√
11.3.5	√	√	√
11.3.6	√	√	√
11.3.7	√	√	√
11.3.8	√	√	√
11.3.9	√	√	√
11.4			
11.4.1	√	√	√
11.4.2	√	√	√
11.4.3	√	√	√
11.5			
11.5.1	√	√	√
11.5.2	√	√	√
11.5.3	√	√	√
11.5.4	√	√	
11.5.5	√	√	√
11.6 .			
11.6.1	√	√	√
11.6.2	√	√	√
12			
12.1			
12.1.1		√	√
12.1.2		√	√
12.1.3		√	√
12.1.4		√	√
12.2			
12.2.1	√	√	√
12.2.2	√	√	√
12.2.3	√	√	√
12.2.4	√	√	√

	9207	9208	9209
12.3	√	√	√
12.4			
12.4.1	√	√	√
12.4.2	√	√	√
12.4.3	√	√	√
12.4.4	√	√	√
12.4.5	√	√	√
12.4.6		√	√
13			
13.1			√
13.2			√

(500)

9301:3000 /

9302:500 3000 /

	9301	9302
1		
1.1	√	√
1.2		
1.2.1	√	√
1.2.2	√	√
1.2.3	√	√
1.2.4	√	√
1.2.5	√	√
1.3		
1.3.1	√	√
1.3.2	√	√
1.3.3	√	√
1.3.4	√	√
1.4		
1.4.1	√	√
1.4.2	√	√
1.4.3	√	√
1.4.4	√	√
1.5		
1.5.1	√	√
1.5.2	√	√
1.6		
1.6.1	√	√
1.6.2	√	√
1.6.3	√	√
1.7		
1.7.1	√	√
1.7.2 IMO	√	√
1.7.3	√	√
1.8		
1.8.1	√	√
1.8.2	√	√
1.9		
1.9.1	√	√

	9301	9302
1.9.2	√	√
1.9.3	√	√
1.10		
1.10.1	√	√
1.10.2	√	√
2		
2.1	√	√
2.2	√	√
2.3		
2.3.1	√	√
2.3.2 GM	√	√
2.3.3	√	√
2.4		
2.4.1 GZ	√	√
2.4.2 GZ	√	√
2.4.3 GZ	√	√
2.4.4	√	√
2.4.5	√	√
2.5		
2.5.1	√	√
2.5.2	√	√
2.5.3	√	√
2.6	√	√
2.7		
2.7.1	√	√
2.7.2	√	√
2.7.3	√	√
2.7.4	√	√
2.8	√	√
2.9		
2.9.1	√	√
2.9.2	√	√
2.9.3	√	√
2.10		
2.10.1	√	√
2.10.2	√	√
2.10.3	√	√
2.10.4	√	√
2.11	√	√
2.12		

	9301	9302
2.12.1	√	√
2.12.2	√	√
3		
3.1	√	√
3.2		
3.2.1	√	√
3.2.2	√	√
3.2.3	√	√
3.2.4	√	√
3.3		
3.3.1	√	√
3.3.2	√	√
3.3.3	√	√
3.3.4	√	√
4		
4.1		
4.1.1	√	√
4.1.2	√	√
4.2		
4.2.1	√	√
4.2.2	√	√
4.3		
4.3.1	√	√
4.3.2	√	√
4.3.3	√	√
4.4		
4.4.1	√	√
4.4.2	√	√
4.5		
4.5.1	√	√
4.5.2	√	√
4.5.3	√	√
4.5.4	√	√
4.6	√	√
4.7		
4.7.1	√	√
4.7.2	√	√
4.7.3	√	√
5		
5.1 CSS		

	9301	9302
5.1.1 CSS	√	√
5.1.2 CSM	√	√
5.2	√	√
5.3		
5.3.1	√	√
5.3.2	√	√
6		
6.1		
6.1.1	√	√
6.1.2	√	√
6.1.3	√	√
6.2	√	√
6.3		
6.3.1	√	√
6.3.2 IBC	√	√
6.3.3	√	√
6.4		
6.4.1	√	√
6.4.2 IGC	√	√
6.4.3	√	√
7		
7.1	√	
7.2	√	√
7.3 SOLAS		
7.3.1	√	√
7.3.2	√	√
7.4	√	
8		
8.1		
8.1.1	√	√
8.1.2	√	√
8.1.3 BLU	√	√
8.1.4	√	√
8.1.5 IMSBC	√	√
8.2		
8.2.1	√	√
8.2.2	√	√
8.2.3	√	√
8.3		
8.3.1 IMO	√	√

	9301	9302
8.3.2	√	√
8.4		
8.4.1	√	√
8.4.2	√	√
8.4.3	√	√
8.4.4	√	√
8.5		
8.5.1	√	√
8.5.2	√	√
8.5.3	√	√
8.6		
8.6.1	√	√
8.6.2	√	√
8.7		
8.7.1	√	√
8.7.2	√	√
9		
9.1		
9.1.1	√	√
9.1.2	√	√
9.1.3	√	√
9.1.4	√	√
9.2		
9.2.1	√	√
9.2.2	√	√
9.2.3	√	√
10		
10.1		
10.1.1	√	√
10.1.2	√	√
10.1.3	√	√
10.1.4	√	√
10.1.6	√	√
10.2		
10.2.1	√	√
11		
11.1		
11.1.1	√	√
11.2		

	9301	9302
11.2.1	√	√
11.2.2 ERS	√	√
11.3		
11.3.1 2008	√	√

(500)

9303:500 /

	9303
1	
1.1	
1.1.1	√
1.1.2	√
1.1.3	√
1.1.4	√
1.1.5	√
1.1.6	√
1.1.7	√
1.1.8	√
1.2	√
1.3	√
1.4	
1.4.1	√
1.4.2	√
1.5	√
1.6	√
1.7	√
1.8	
1.8.1	√
1.8.2	√
2	
2.1	
2.1.1	√
2.1.2	√
2.1.3	√
2.1.4	√
2.1.5	√
2.1.6	√
2.1.7	√
2.2	
2.2.1	√
2.2.2	√
2.2.3	√
2.2.4	√

	9303
2.3	√
2.4	√
2.5	
2.5.1	√
2.5.2	√
2.5.3	√
2.6	√
3	
3.1	
3.1.1	√
3.1.2	√
3.1.3	√
3.1.4	√
3.1.5	√
3.1.6	√
3.2	
3.2.1	√
3.2.2	√
3.2.3	√
3.3	
3.3.1	√
3.3.2	√
3.3.3	√
3.4	
3.4.1	√
3.4.2	√
3.4.3	√
3.4.4	√
3.4.5	√
3.5	
3.5.1	√
3.5.2	√
3.5.3	√
3.5.4	√
3.5.5	√
3.6	
3.6.1 IMDG	√
3.6.2	√

	9303
3.6.3	√
3.6.4	√
3.6.5	√
3.7	
3.7.1 CSS	√
3.7.2	√
3.7.3	√
3.7.4	√
3.7.5	√
3.7.6	√
3.7.7	√
3.8	
3.8.1	√
3.8.2	√
3.8.3	√
3.8.4	√
3.8.5	√
3.8.6	√
3.8.7	√
3.8.8	√
3.9	
3.9.1	√
3.9.2	√
3.9.3	√
3.9.4	√
3.9.5	√
3.9.6	√
3.10	
3.10.1	√
3.10.2	√
3.11	
3.11.1	√
3.11.2	√
3.11.3	√
3.11.4	√
3.12	
3.12.1	√
3.12.2	√

	9303
3.13	
3.13.1	√
3.13.2	√
3.13.3	√
3.14	
3.14.1	√
3.14.2	√
3.14.3	√
3.14.4	√
3.14.5	√
3.14.6	√
3.14.7	√
3.15	√
3.16	√
4	
4.1	
4.1.1	√
4.1.2	√
4.1.3	√
4.1.4	√
4.1.5	√
4.2	√

8i8f5 ´ >CWF Z% k X8i8f

Z% k X8i8f W Ÿ

Z% k X8i8f ¼ 9 Ÿ

63B W4â F2+X)B‘

8i8f ´FP

8i ƒ5 ´,´ * \4ô @ ' ?

8i8f ´ &Aö [

8i ƒ5 ´Aö [

8i Å5 ´

ü r Å Ã6» ¯

UÉPØ ú Ê Ö

8]G

8g ×5 ´

+b ¯5 ´

8a ñ5 ´

OÆ n5 ´

F2+X)B‘

63B W4â

¼ ó6ê =8ÿ ° _

¼ ê ¬ h# /ý2« ú!“.ž,´ ý4å é#

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¼ "d :+O ˆ °7-

¼ "d] $Y é#

¼ &K¯"d]+O ˆ &L$,´ é#

¼ $h8w ÿ A%2#qFO Ö,´ é# Ä#§KJ,´

¯+X Å

	6101	6102	6103	6104
7.2				
7.2.1	√	√	√	√
7.2.2	√	√	√	√
7.2.3	√	√	√	√
7.2.4	√	√	√	√
7.2.5	√	√	√	√
7.3				
7.3.1	√	√	√	√
7.3.2	√	√	√	√
7.3.3	√	√	√	√
7.3.4	√	√	√	√
7.3.5	√	√	√	√
7.4	√	√	√	√
7.5				
7.5.1	√	√	√	√
7.5.2	√	√	√	√
7.6	√	√	√	√
7.7	√	√	√	√
7.8				
7.8.1	√	√	√	√
7.8.2	√	√	√	√
7.8.3	√	√	√	√
7.8.4	√	√	√	√
7.8.5	√	√	√	√
8				
8.1				
8.1.1	√		√	
8.1.2	√		√	
8.1.3	√		√	
8.2				
8.2.1	√		√	
8.2.2	√		√	
8.2.3	√		√	
8.2.4	√		√	
8.2.5	√		√	

750kW

8101:3000kW
8102:750~3000kW

	8101	8102
1		
1.1 3000KW \750-3000kw		
1.1.1 ( )	√	√
1.1.2 ( )	√	√
1.2	√	√
1.2.1 ( )		
1.2.2 ( )		
1.3	√	√
1.3.1 ( )		
1.3.2 ( )		
1.4	√	√
1.4.1 ( )		
1.4.2 ( )		
1.5		
1.5.1 ( )	√	√
1.5.2 ( )		
1.5.2.1 ( )	√	√
1.5.2.2 ( )	√	√

	8101	8102
2		
2.1		
2.1.1 SFOC		
2.1.1.1	√	√
2.1.1.2 SFOC	√	√
2.1.2		
2.1.2.1	√	√
2.1.2.2	√	√
2.1.2.3	√	√
2.1.2.4	√	√
2.1.4 SFOC	√	√
2.1.5 SFOC	√	√
2.2		
2.2.1		
2.2.1.1	√	√
2.2.1.2	√	√
2.2.1.3	√	√
2.2.1.4	√	√
2.2.1.5	√	√
2.2.2	√	√
2.2.2.1		
2.2.2.2		
2.2.2.3		
2.2.3	√	√
2.3		
2.3.1	√	√
2.3.2		
2.3.2.1	√	√

	8101	8102
2.3.2.2	√	√
2.3.2.3	√	√
3		
3.1		
3.1.1		
3.1.1.1	√	√
3.1.1.2	√	√
3.1.1.3	√	√
3.1.2	√	√
3.1.2.1		
3.1.2.2		
3.1.2.3		
3.1.3		
3.1.3.1	√	√
3.1.3.2	√	√
3.1.3.3	√	√
3.1.4		
3.1.4.1	√	√
3.1.4.2	√	√
3.1.4.3	√	√
3.1.5		
3.1.5.1	√	√
3.1.5.2	√	√
3.2		
3.2.1	√	√
3.2.2	√	√

	8101	8102
3.2.3	√	√
3.2.4	√	√
3.2.5	√	√
3.3		
3.3.1		
3.3.1.1	√	√
3.3.1.2 (	√	√
3.3.1.3 (	√	√
3.3.1.4	√	√
3.3.2		
3.3.2.1	√	√
3.3.2.2	√	√
3.3.2.3	√	√
3.3.3		
3.3.3.1	√	√
3.3.3.2	√	√
3.3.3.3	√	√
3.3.4		
3.3.4.1	√	√
3.3.4.2	√	√
3.3.4.3 SOx NOx	√	√
3.3.5		
3.3.5.1	√	√
3.3.5.2	√	√
3.3.5.3	√	√
3.4		
3.4.1		
3.4.1.1	√	√

	8101	8102
3.4.1.2 / /	√	√
3.4.1.3	√	√
3.4.2		
3.4.2.1	√	√
3.4.2.2	√	√
3.4.2.3	√	√
3.4.3		
3.4.3.1	√	√
3.4.3.2 ( )	√	√
3.4.3.3	√	√
3.4.3.4 ,	√	√
3.4.3.5	√	√
3.4.3.6	√	√
3.4.3.7	√	√
3.4.4 MAN B&W , RT-F		
3.4.4.1 MAN B&W	√	√
3.4.4.2	√	√
3.4.4.3	√	√
3.4.4.4 MAN B&W	√	√
3.4.4.5	√	√
3.4.4.6	√	√
3.4.4.7	√	√
3.4.4.8	√	√
3.4.4.9	√	√
3.4.5	√	√
3.4.5.1		
3.4.5.2 / /		
3.4.6	√	√
3.4.6.1		

	8101	8102
3.4.6.2 / /		
3.5		
3.5.1		
3.5.1.1	√	√
3.5.1.2 , PMS		√
3.5.1.3		√
3.5.1.4		√
3.5.1.5		√
3.5.1.6 / /		√
3.5.1.7 AVR		√
3.5.1.8 (		√
3.5.1.9		√
3.5.2 \		
3.5.2.1	√	√
3.5.2.2 , PID	√	√
3.5.2.3	√	√
3.5.3		
3.5.3.1	√	√
3.5.3.2	√	√
3.5.3.3	√	√
4		
4.1		
4.1.1		
4.1.1.1	√	√
4.1.1.2 VISCOCHIEF	√	√
4.1.2		
4.1.2.1	√	√
4.1.2.2	√	√

	8101	8102
4.1.2.3	√	√
4.1.2.4	√	√
4.1.3 AUTOCHIEF-		
4.1.3.1	√	√
4.1.3.2	√	√
4.1.3.3	√	√
4.1.3.4	√	√
4.1.3.5	√	√
4.1.3.6 (	√	√
4.1.3.7 (	√	√
4.1.4 AC C20		
4.1.4.1 AC C20	√	
4.1.4.2 DPU	√	
4.1.4.3 DPU	√	
4.1.4.4	√	
4.1.4.5 AC C20	√	
4.1.4.6 AC C20	√	
4.1.4.7 AC C20	√	
4.1.4.8 AC C20 (	√	
4.1.4.9 AC C20 (	√	
4.1.4.10 AC 600	√	
4.1.5		
4.1.5.1	√	√
4.1.5.2 RT-flex	√	
4.1.5.3 RT-flex	√	
4.1.5.4 ME	√	
4.1.5.5 ME	√	
4.1.5.6 (LNG)	√	
4.1.6		
4.1.6.1	√	√
4.1.6.2	√	√
4.1.7 /K-Chief 600		
4.1.7.1 K-Chief 600	√	
4.1.7.2 DPU	√	
4.1.7.3	√	

	8101	8102
4.1.7.4 OS	√	
4.1.7.5 K-Chief 600	√	
4.1.8		
4.1.8.1	√	√
4.1.8.2 Mark-6	√	√
4.1.8.3 Mark-6	√	√
4.1.9		
4.1.9.1	√	√
4.1.9.2 ( ))	√	√
4.1.9.3)	√	√
4.1.9.4		√
4.1.9.5		√
4.1.10 (,)		
4.1.10.1	√	√
4.1.10.2 ( )	√	
4.1.10.3	√	√
4.1.10.4		√
4.2		
4.2.1	√	√
4.2.2	√	√
4.2.3	√	√
4.2.4	√	√
4.3		
4.3.1	√	
4.3.2 ( )	√	

63B W4â

ã

8i8f h+XQ »>õ5ž h?ñL NÈ,´ ×+O Ï ú ¦ 4*6 é#

"D Ø ¼#â » × fAî 7,´(©&é

8i8f h+X#â » × fAî 7 ¼"D Ø × fAî 7,´ * \5 ´(©&é ¼

3+5 G}5ž?±"r

8i8f h+X#â » × fAî 7 ¼"D Ø × fAî 7F >|E÷0;] h?ñL

NÈ uLÌ ú ¦FP @,´ ¡ ã ×

8i8f h+X#â » × fAî 7 ¼"D Ø × fAî 7 h?ñL NÈ,´ ×+O Ï

ú ¦ 4*6 é# Ä

>"D Ø ¼#â »G} ‡,´+e Ø j Ã+e.ñL0 Ã" »L0 ¼-(£L0 &

,´ k?± ò F9

8i8f+e € ° _ Ã+e € – Ã+e Ë+e € –

¼ ±1ÑÄ 5 +e Ë ¼ ±1Ñ Å5 ´ Ã ? ¹(© W ú k?± ò ×

9 ±1Ñ * \ n W+eD ú(© W Ä ¡ 4 ± Å ×

…-(z# ¼ • ? ¤#q+eD ,´ * \ Ï*6 ×

	8406
1.1.7.2 ,	√
1.1.7.3	√
1.1.7.4	√
1.1.7.5	√
1.1.7.6	√
1.2	
1.2.1	
1.2.1.1 ,PN	√
1.2.1.2	√
1.2.1.3	√
1.2.1.4	√
1.2.2	
1.2.2.1	√
1.2.2.2	√
1.2.2.3	√
2	
2.1	
2.1.1 ,	
2.1.1.1	√
2.1.1.2	√
2.1.2	
2.1.2.1	√
2.1.2.2	√
2.1.2.3	√
2.1.3	√
2.2	
2.2.1	
2.2.1.1	√
2.2.1.2	√
2.2.2	
2.2.2.1 ,	√
2.2.2.2 ,	√
2.2.2.3 ,	√
2.2.2.4 ,	√
2.2.2.5	√
2.2.2.6	√
2.2.2.7	√

	8406
2.2.3	
2.2.3.1	√
2.2.3.2	√
2.2.3.3	√
2.2.3.4	√
2.2.4	
2.2.4.1	√
2.2.4.2	√
2.2.5	
2.2.5.1	√
2.2.5.2	√
2.2.5.3	√
2.2.5.4	√
2.2.5.5	√
2.3	
2.3.1	
2.3.1.1	√
2.3.1.2	√
2.3.2	
2.3.2.1	√
2.3.2.2 ,	√
2.4	
2.4.1	√
2.4.2	√
2.4.3	√
2.4.4	√
2.4.5	√
2.5	
2.5.1	
2.5.1.1	√
2.5.1.2 , , , , CPU ,IO , , , , ,	√
2.5.1.3	√
2.5.1.4 ,	√
2.6 ,	
2.6.1	
2.6.1.1	√
2.6.1.2	√
2.6.1.3	√

	8406
2.6.2	
2.6.2.1	√
2.6.2.2	√
2.6.3	
2.6.3.1	√
2.6.3.2	√
2.6.4	
2.6.4.1 , ,	√
2.6.4.2 ,	√
2.6.4.3 ,	√
2.6.4.4 ,	√
2.6.4.5 ,	√
2.6.4.6	√
2.6.4.7	√
2.6.5	
2.6.5.1	√
2.6.5.2	√
2.6.6	
2.6.6.1	√
2.6.6.2	√
2.6.7 ,	
2.6.7.1 , ,	√
2.6.7.2	√
2.6.7.3 , ,	√
2.7	
2.7.1	√
2.7.2	√
2.7.3	√
2.7.4	√
2.7.5	√

750kW

8501: 750kW
8502: 750kW
8503: 750kW
8504: 750kW

	8501	8502	8503	8504
1				
1.1 ISM				
1.1.1 ISM				
1.1.1.1 PMS			√	√
1.1.1.2 PMS			√	√
1.1.1.3 PMS			√	√
1.1.1.4			√	√
1.1.1.5			√	√
1.1.2 ISM	√	√		
1.1.3	√	√		
1.2				
1.2.1				
1.2.1.1			√	√
1.2.1.2			√	√
1.2.1.3			√	√
1.2.1.4 /			√	√
1.2.1.5			√	√
1.2.2			√	√
1.2.3			√	√
1.2.4 /			√	√
1.2.5				
1.2.5.1	√	√		

	8501	8502	8503	8504
1.2.5.2	√	√		
1.2.6				
1.2.6.1	√	√		
1.2.6.2	√	√		
1.2.7				
1.2.7.1	√	√		
1.2.7.2	√	√		
1.2.7.3	√	√		
1.2.7.4	√	√		
1.2.7.5	√	√		
1.3				
1.3.1 ISM /				
1.3.1.1 /			√	√
1.3.1.2 / /			√	√
1.3.2				
1.3.2.1	√	√		
1.3.2.2	√	√		
1.3.3				
1.3.3.1	√	√		
1.3.3.2	√	√		
1.3.3.3	√	√		
1.3.3.4	√	√		
1.3.3.5	√	√		
1.4				
1.4.1				
1.4.1.1			√	√
1.4.1.2 /			√	√

	8501	8502	8503	8504
1.4.2				
1.4.2.1	√	√		
1.4.2.2	√	√		
1.4.3				
1.4.3.1	√	√		
1.4.3.2	√	√		
1.4.4				
1.4.4.1	√	√		
1.4.4.2	√	√		
2				
2.1 -				
2.1.1			√	√
2.1.2			√	√
2.2				
2.2.1	√	√		
2.2.2	√	√		
2.2.3	√	√		
2.3				
2.3.1			√	√
2.3.2	√	√	√	√
2.3.3	√	√	√	√
2.3.4			√	√
2.3.5	√	√		
2.4				
2.4.1			√	√
2.4.2			√	√
2.4.3			√	√
2.4.4			√	√

	8501	8502	8503	8504
2.4.5			√	√
2.4.6			√	√
3				
3.1				
3.1.1			√	√
3.1.2			√	√
3.1.3			√	√
3.1.4			√	√
3.1.5			√	√
3.1.6			√	√
3.1.7			√	√
3.1.8			√	√
3.1.9				
3.1.9.1			√	√
3.1.9.2			√	√
3.1.9.3			√	√
3.1.9.4			√	√
3.1.10			√	√
3.1.11			√	√
3.1.12			√	√
3.1.13				
3.1.13.1			√	√
3.1.13.2			√	√
3.1.13.3			√	√
3.1.14				
3.1.14.1 /			√	√

	8501	8502	8503	8504
3.1.14.2 /			√	√
3.1.15			√	√
3.1.16				
3.1.16.1			√	√
3.1.16.2			√	√
3.1.17			√	√
3.1.18			√	√
3.1.19			√	√
3.1.20			√	√
3.1.21			√	√
3.2				
3.2.1				
3.2.1.1	√	√		
3.2.1.2	√	√		
3.2.1.3	√	√		
3.2.1.4	√	√		
3.2.2				
3.2.2.1	√	√		
3.2.2.2	√	√		
3.2.3				
3.2.3.1	√	√		
3.2.3.2	√	√		
3.2.3.3	√	√		
3.2.3.4	√	√		
3.2.3.5	√	√		
3.2.3.6	√	√		
3.2.3.7	√	√		
3.2.3.8	√	√		
3.2.3.9	√	√		
3.2.4				

	8501	8502	8503	8504
3.2.4.1	√	√		
3.2.4.2	√	√		
3.2.4.3	√	√		
3.2.4.4	√	√		
3.2.4.5	√	√		
3.2.4.6	√	√		
3.2.5				
3.2.5.1	√	√		
3.2.5.2	√	√		
3.2.5.3	√	√		
4				
4.1				
4.1.1				
4.1.1.1	√	√	√	√
4.1.1.2	√	√	√	√
4.1.1.3	√	√	√	√
4.1.2				
4.1.2.1			√	√
4.1.2.2 /			√	√
4.1.2.3			√	√
4.1.2.4			√	√
4.1.3 SOLAS				
4.1.3.1			√	√
4.1.3.2			√	√
4.1.4				
4.1.4.1	√	√	√	√
4.1.4.2	√	√	√	√
4.1.4.3			√	√
4.1.5				
4.1.5.1			√	√
4.1.5.2			√	√
4.1.6				

	8501	8502	8503	8504
4.1.6.1			√	√
4.1.6.2			√	√
4.1.7				
4.1.7.1	√	√	√	√
4.1.7.2	√	√	√	√
4.1.7.3	√	√	√	√
4.1.8				
4.1.8.1	√	√		
4.1.8.2	√	√		
4.2				
4.2.1				
4.2.1.1	√	√	√	√
4.2.1.2			√	√
4.2.1.3		√	√	√
4.2.1.4			√	√
4.2.1.5			√	√
4.2.1.6	√	√		
4.2.2				
4.2.2.1	√	√	√	√
4.2.2.2			√	√
4.2.2.3			√	√
4.2.2.4 “ ” “ ”			√	√
4.2.2.5	√	√		
4.3				
4.3.1	√	√		
4.3.2	√	√		
4.4 IMO				
4.4.1 1966			√	√
4.4.2			√	√
4.4.3 IMO			√	√
4.4.4	√	√		
5				

	8501	8502	8503	8504
5.1 MLC(2006)	√	√	√	√
5.2	√	√	√	√
5.3				
5.3.1	√	√	√	√
5.3.2	√	√	√	√
5.3.3	√	√	√	√
5.3.4	√	√	√	√
5.4				
5.4.1 MARPOL I	√	√	√	√
5.4.2 MARPOL II	√	√	√	√
5.4.3 MARPOL III	√	√	√	√
5.4.4 MARPOL IV	√	√	√	√
5.4.5 MARPOL V	√	√	√	√
5.4.6 MARPOL VI	√	√	√	√
5.4.7				
5.4.7.1	√	√	√	√
5.4.7.2	√	√	√	√
5.4.7.3	√	√	√	√
5.4.8	√	√	√	√
5.5	√	√	√	√
5.6 MLC 1989 1976				
5.6.1 UNCLOS	√	√	√	√
5.6.2 MLC2006	√	√	√	√
5.6.3 1989	√	√	√	√
5.6.4 1976 1976LLMC	√	√	√	√
5.6.5	√	√	√	√
5.6.6	√	√	√	√
5.7				
5.7.1 2004	√	√	√	√
5.7.2				
5.7.2.1 PSC	√		√	
5.7.2.2 FSC /	√	√	√	√

	8501	8502	8503	8504
5.8 1969 1973 1969 CLC1969				
5.8.1	√	√	√	√
5.8.2 1969	√	√	√	√
5.8.3 1973	√	√	√	√
5.8.4 1969 CLC1969	√	√	√	√
5.8.5				
5.8.5.1	√	√	√	√
5.8.5.2	√	√	√	√
5.8.5.3	√	√	√	√
5.8.5.4	√	√	√	√
5.8.5.5	√	√		
5.9				
5.9.1	√	√	√	√
5.9.2	√	√	√	√
5.9.3	√	√	√	√
5.9.4	√	√	√	√
5.9.5	√	√	√	√
5.9.6	√	√	√	√
5.9.7	√	√	√	√
5.9.8	√	√	√	√
6				
6.1 SOLAS - LSA			√	√
6.2				
6.2.1	√	√	√	√
6.2.2	√	√	√	√
6.3 SOLAS /				
6.3.1	√	√	√	√

	8501	8502	8503	8504
6.3.2	√	√	√	√
6.3.3 SOLAS	√	√	√	√
6.3.4 /	√	√	√	√
6.4	√	√	√	√
6.5				
6.5.1			√	√
6.5.2	√	√		
6.5.3			√	√
6.5.4	√	√		
6.6	√			
7				
7.1				
7.1.1			√	√
7.1.2 CO2			√	√
7.1.3			√	√
7.1.4 /				
7.1.4.1 /			√	√
7.1.4.2			√	√
7.1.4.3			√	√
7.1.4.4			√	√
7.1.4.5			√	√
7.1.5			√	√

	8501	8502	8503	8504
7.1.6				
7.1.6.1			√	√
7.1.6.2			√	√
7.1.6.3			√	√
7.1.6.4			√	√
7.1.7				
7.1.7.1	√	√		
7.1.7.2	√	√		
7.1.8				
7.1.8.1	√	√		
7.1.8.2	√	√		
7.2				
7.2.1			√	
7.2.2			√	√
8				
8.1				
8.1.1				
8.1.1.1			√	√
8.1.1.2			√	√
8.1.2				
8.1.2.1			√	√
8.1.2.2			√	√
8.1.2.3			√	√
8.1.2.4			√	
8.1.3				
8.1.3.1	√	√		
8.1.3.2	√	√		
8.2				
8.2.1 ISM				
8.2.1.1 ISM			√	√
8.2.1.2 ISM			√	√
8.2.1.3 ISM			√	√
8.2.2 STCW				
8.2.2.1 STCW	√	√	√	√
8.2.2.2 STCW	√	√	√	√

F2+X)B‘

63B W4â

6 7 &œ4Ö8i :)AÝ ¼Aà …

#§ » ã œ4Ö Ä 0 / &1y-(£ -Lu#§ » œ4Ö

8i ˆ6ˆ+X ¼6ˆ+X ‘ &

8i ˆF“F ,´ s Y

k+ÇM0"r

- µ# ?ô 9 £8i : ê ˆ1Ñ*6,´. Aö

] ~ ê"A ¡ ¼ - ã Ø#

] ~ ê"A ¡ ¼ - ã Ø 8 <#

] ~ ê"A ¡ ¼ -8i ˆ ‘ »

] ~ ê"A ¡ ¼ -#§8i8i ˆF2 +63B ¼

Añ?ô I

] ~ ê"A ¡ ¼ -#§8i8i ˆ I* ?ô I

] ~ ê"A ¡ ¼ -8i ˆF # Aà 6 Î#

¦ >8i ˆ1Ñ*6-(£,´ - µ0û# ¼?ô Ê

+ Ñ ¼ ŒGÿ1Ñ*6,´F +X

N¶ , Ë ¼ LO2î/Ž] £ ¾ + Ñ ¼ ŒGÿ1Ñ*6,´

µ é

AîAÑ + Ñ ¼F >| ŒGÿ 6G} & Ä63<• ê,´ pL€

W Ã Z ê7- Ë Ã &L$ ¼Ct$ÀL€ f Ã H x Â ¿ Ã ŒGÿ Ä A

Ÿ ¼+â ã Å

9 x,´Ct$À1Ñ*6

9 x"ÏFJ Ã8i èFJ ,´ µ é

9 x,´Ct$À 6G} Ã 7#n ¼ H x Â ¿*6Aê

Ct$À,´ ² %

Ct$À,´ 6G} Ã 7#n

H x Â ¿*6Aê

i ž LO4ÿP¼F >| ã1†,´*6Aê

N¶ ,Nþ I ¼ ã Ý7- Ë,´*6Aê

9 £9ç Ç ¼ 1 õ Ÿ ?Aö,´*6Aê

i ž = <,´ j Ÿ È ¼ @ 5 Aî 7 ¯+X Ã ê ˆ 6

Ã6|CS 6G} Ã —>|!•PÔ1y X µ,´>| ØN´ x

ã1† °

(æ å >NþL™Aô È(æ å >NþL™Aô `*6Aê ¼ é#

Aö [¼F >|F9 ÈAö [¼F >|F9 ,´*6Aê

F9 >| ØE÷0; È X ã1† &F9 >| ØE÷0;,´*6Aê

Aô '5 Ì,´ 9 x W È Î í5 Ì 9 x W,´Aô ' é

#

0 È Î í ¼- -“ 7 ö ý Œ0; ¿ È 0 Ã Î í Ã-

	8501	8502	8503	8504
12.4				
12.4.1	√	√		
12.4.2	√	√		
12.4.3	√	√		
13				
13.1	√	√		
13.2	√	√		
13.3	√	√		
13.4	√	√		
13.5	√	√		
14 ISM/NSM				
14.1 ISM				
14.1.1 ISM			√	√
14.1.2 ISM			√	√
14.2 ISM				
14.2.1 ISM			√	√
14.2.2 ISM			√	√
14.2.3 ISM			√	√
14.3 NSM				
14.3.1 NSM			√	√
14.3.2 ISM NSM			√	√
14.3.3 NSM			√	√
14.4 ISM NSM				
14.4.1			√	√
14.4.2			√	√
14.4.3			√	√
14.4.4			√	√
14.4.5			√	√
14.4.6			√	√
14.4.7			√	√
14.4.8			√	√
14.4.9			√	√
14.4.10			√	√
14.4.11			√	√
14.4.12			√	√
14.4.13			√	√
14.4.14			√	√
14.4.15			√	√
14.4.16			√	√

750kW

8505: 750kW /
8506: 750kW /

	8505	8506
1		
1.1		
1.1.1	√	√
1.1.2 STCW	√	√
1.1.3	√	√
1.2		
1.2.1		
1.2.1.1	√	√
1.2.1.2	√	√
1.2.2		
1.2.2.1	√	√
1.2.2.2	√	√
1.2.3 /	√	√
1.2.4 /	√	√
1.2.5	√	√
1.2.6	√	√
1.2.7	√	√
1.3		
1.3.1	√	√
1.3.2	√	√
1.3.3	√	√
1.3.4	√	√
1.3.5	√	√
1.3.6	√	√
1.3.7	√	√

	8505	8506
1.3.8	√	√
1.4		
1.4.1	√	√
1.4.2	√	√
1.4.3	√	√
1.4.4	√	√
1.4.5	√	√
2		
2.1	√	√
2.1.1	√	√
2.1.2	√	√
2.1.3	√	√
2.1.4	√	√
2.2	√	√
3 ( )		
3.1		
3.1.1	√	√
3.1.2	√	√
3.1.3	√	√
3.1.4	√	√
3.2		
3.2.1	√	√
3.2.2	√	√
3.2.3	√	√
3.2.4	√	√
3.3		
3.3.1	√	√
3.3.2	√	√
3.3.3	√	√
3.3.4	√	√
4		
4.1		
4.1.1	√	√

	8505	8506
4.1.2	√	√
4.1.3 /	√	√
4.1.4	√	√
4.1.5	√	√
4.1.6	√	√
4.1.7		
4.1.7.1	√	√
4.1.7.2	√	√
4.2		
4.2.1	√	√
4.2.2		
4.2.2.1	√	√
4.2.2.2	√	√
4.2.3	√	√
4.2.4	√	√
4.2.5	√	√
4.2.6	√	√
5		
5.1		
5.1.1		
5.1.1.1	√	√
5.1.1.2	√	√
5.1.1.3	√	√
5.1.1.4	√	√
5.2 /		
5.2.1 /	√	√
5.2.2 /	√	√
5.2.3 /	√	√
5.3		
5.3.1	√	√
5.3.2 “ ” “ ”	√	√
5.3.3 “ ”	√	√
5.3.4		
5.3.4.1	√	√
5.3.4.2	√	√

F2+X)B‘

63B W4â

42« ö 1 r ú › É,´ ¯+X

42« ö 1 r Ã ö 1 Û(w ú ö 1 › É

ö 1 Û(w ¼ ö 1 › É,´ j [

ö 1 › É,´ ¯+X é# È 5 Ö4/ý2« »,´ 2 » ö 1 8 Ã »-
› É Ã j à ö 1 Ã"é ö 1 úF' Û ö 1

ö 1 Û(w,´ ¯+X é# È 5 Ö 4/ý2« »,´MŽH Ž ö 1 Û(w Ã
98¢H Ž ö 1 Û(w ÃH Ž ö 1 Û(w ú zH Ž ö 1 Û(w

ö 1 r,´ ¯+X é# È 5 Ö4/ý2« »,´ ö 1 r Ã#â Ë ö 1 ú
ö 17& V

5$ Ô « > *6 ÄG÷ ,´ ¹ ˜ Ú í

-Lu ¹ ˜1Ñ*6?ô I Ä , 6 0ô I Å

, 6 0ô I,´ ×+O6ü Ÿ > …E÷0;

, 6 0ô I,´ k?± µ é

¹ ˜1Ñ*6 ƒ3+ Ä 6 0Å

6 0,6 *0û é# ú ¦ 5 [,´ 4/ý · &

£ ¾8i8f fFP ¼5$ ¹ ˜ Ú í,´ 4/ý · & ¼ ð …

] ~ ê"A ¡ ¼ -8i8f ¹ ˜:UF ¼Lb!’"‘ 1Ñ*6?ô I Ä 1 6 0ô
I Å

1 6 0ô I,´ ×+O6ü Ÿ > …E÷0;

1 6 0ô I,´ k?± µ é

G÷ ,´ ¹ ˜ Ú í

NþL™Aô ` é# X.ž Ê5$ Ô ¼5$,´ ¹ ˜ Ú í &,´ Ä+X

¹ ˜ JAÞ)5$ Ô ¼5$ Œ,´Gý?± ? y

* ¾ ¹ ˜1Ñ*6 ƒ3+,´ ¹ ˜ Ú í È 5 ÖLb ÔAî 7 Ã'— >
ö 7 ÃLb% Ú í Ã ¹ ˜0; ¿ ö 7 ÃAî5ž ¹ ˜ •LÌ Ã ¹ ˜ Œ £ ,´ ö 7 Ã
) 6?±5$ Ô 5$,´ j ˜Aî 7F >| j à ¼+e ËLÄ/ë ú } O ð

ÄG÷ ,´ ¹ ˜ Ú í >Aî 7(©&é,´ £3+

8i8f j à ¼Aî 7,´5$ Ô > *6 3W *

4/ý2« »,´=ê4é3W * &

J4ô=ê C,´ :3WNª ¿ ¼ :3W Ö

1Ñ*6,´ * \ Ï I

1Ñ*6,´ ê \ Ï I

1Ñ*6,´3+5 Ï I

1Ñ*6,´ x,ú Ï I

1Ñ*6 ƒ3+ ²F

1Ñ*6 ƒ3+,´ Ê y

1Ñ*6 ƒ3+,´-(£ _B

-(£1Ñ*6 ƒ3+ û4ý

¹ ˜1Ñ*6 ƒ3+

¹ ˜1Ñ*6 ƒ3+,´ Ê y

¹ ˜1Ñ*6 ƒ3+,´ Ï7-

	8001	8002	8003
2.3.2	√	√	
2.3.3	√		√
2.3.4	√	√	
2.3.5	√		√
2.3.6	√	√	
2.3.7	√		√
2.4			
2.4.1	√	√	√
2.4.2	√	√	√
2.4.3	√	√	√
2.5			
2.5.1		√	√
2.5.2	√	√	√
2.5.3			√
2.5.4	√		√
2.5.5			√
2.5.6	√		√
2.6			
2.6.1	√	√	√
2.6.2	√		√
2.6.3	√		√
2.6.4	√		√
2.6.5	√		√
2.6.6	√	√	
2.6.7	√	√	√
3			
3.1			
3.1.1	√		√
3.1.2	√		√
3.1.3	√	√	√
3.2			
3.2.1	√	√	√
3.2.2	√	√	√
3.2.3	√		√
3.3			
3.3.1	√	√	√
3.3.2	√	√	√
3.3.3	√	√	√
3.4			
3.4.1	√	√	√
3.4.2	√	√	√

	8001	8002	8003
3.4.3	√	√	√
3.4.4	√	√	
3.4.5	√	√	√
3.4.6	√	√	
4			
4.1			
4.1.1	√	√	√
4.1.2	√	√	√
4.1.3	√	√	√
4.2			
4.2.1	√	√	√
4.2.2	√	√	√
4.2.3	√	√	√
4.2.4	√	√	√
4.3			
4.3.1	√		√
4.3.2	√	√	
4.3.3	√	√	√
4.4			
4.4.1	√	√	√
4.4.2	√	√	
4.4.3	√	√	
4.4.4	√	√	
4.4.5	√		
4.5 PSC			
4.5.1	√	√	√
4.5.2 IOPP	√	√	√
4.5.3 PSC	√	√	√
4.5.4 PSC	√	√	√
4.6	√	√	√
5			
5.1 STCW			
5.1.1	√	√	√
5.1.2	√	√	√
5.1.3	√	√	√
5.2 MARPOL			
5.2.1 MARPOL	√	√	√
5.2.2	√	√	√
5.3 SOLAS			
5.3.1 SOLAS	√	√	
5.3.2 SOLAS	√	√	√

	8001	8002	8003
5.3.3 SIM	√	√	√
5.3.4 ISPS	√	√	√
5.4 ILO			
5.4.1 ILO	√	√	√
5.4.2	√	√	√
6			
6.1			
6.1.1	√	√	√
6.1.2	√	√	√
6.1.3	√	√	√
6.2			
6.2.1	√	√	√
6.2.2	√	√	√
6.3			
6.3.1	√	√	√
6.3.2	√	√	√
6.4			
6.4.1	√	√	
6.4.2	√	√	
6.5			
6.5.1	√		
6.5.2	√	√	
6.5.3	√	√	
6.6	√	√	√

(750kW

8601:750kW

	8601
1	
1.1	
1.1.1	
1.1.1.1	√
1.1.1.2	√
1.1.2	√
1.1.3	√
1.2	√
1.3	
1.3.1	√
1.3.2	
1.3.2.1	√
1.3.2.2	√
1.4	
1.4.1	√
1.4.2	√
1.4.3	√
1.5	
1.5.1	√
1.5.2	√
1.6	
1.6.1	√
1.6.2 /	√
1.6.3 /	√
1.6.4	√
1.6.5	√
1.7	√
1.8	
1.8.1	
1.8.1.1	√
1.8.1.2	√
1.8.2	√
1.8.3	√
1.8.4	√

	8601
1.8.5	√
1.9	
1.9.1	√
1.9.2	√
1.10	√
1.11	
1.11.1	√
1.11.2	√
1.11.3	√
1.11.4	√
1.11.5	√
1.11.5.1 1	
1.11.5.2 2	
1.12	
1.12.1	√
1.12.2	√
1.12.2.1	
1.12.2.2	
1.12.3	√
1.12.4	√
1.12.5	√
1.12.6	√
1.12.6.1	
1.12.6.2	
1.12.7	√
1.13	
1.13.1	
1.13.1.1	√
1.13.1.2	√
1.13.2	
1.13.2.1	√
1.13.2.2	√
1.13.3	
1.13.3.1	√
1.13.3.2	√
1.13.4	
1.13.4.1	√
1.13.4.2	√
1.14	

	8601
1.14.1	√
1.14.2	√
1.14.3	√
1.15	
1.15.1	√
1.15.2	√
1.16	
1.16.1	√
1.16.2	√
1.17	
1.17.1	√
1.17.2	√
1.18	
1.18.1	√
1.18.2	√
1.18.3	√
1.19	
1.19.1	√
1.19.2	√
1.20	
1.20.1	√
1.20.2	√
1.21	
1.21.1	√
1.21.2	√
1.21.2.1	√
1.21.2.2	√
1.22	√
1.23	√
1.24	
1.25	
1.25.1	√
1.25.2	√
1.25.3	√
1.26	
1.26.1	√
1.26.2	√

	8601
1.26.3	√
1.26.4	√
1.26.5	√
1.26.6	
1.26.6.1	√
1.26.6.2	√
1.26.7	√
1.26.8	√
1.26.9	√
1.27	√
1.28	√
1.29	√
1.30	
1.30.1	√
1.30.2	√
1.31	
1.31.1	√
1.31.2	√
2	
2.1	√
2.2	√
2.3	√
2.4	√
3	
3.1	
3.1.1	√
3.1.2	√
3.2	
3.2.1	√
3.2.2	√
3.2.3	√
3.2.4	√
3.3	√
3.4	√
3.5	√
4	
4.1	√
4.2	

	8601
4.2.1	√
4.2.2	√
4.3	
4.3.1	√
4.3.2	√
4.4	
4.4.1	√
4.4.2	√
4.5	
4.5.1	√
4.5.2	√
5	
5.1	√
5.2	√
6	
6.1	
6.1.1	√
6.1.2	√
7	
7.1	√
7.2	√
7.3	√

750kW

8602: 750kW

		8602
1		
1.1		
1.1.1		
1.1.1.1		√
1.1.1.2		√
1.1.2		√
1.1.3		√
1.2		
1.2.1		√
1.2.2		√
1.3		
1.3.1		
1.3.1.1		√
1.3.1.2		√
1.3.2		√
1.3.3		√
1.3.4		√
1.3.5		√
1.4		
1.4.1		
1.4.1.1		√
1.4.1.2		√
1.5		√
1.6		
1.6.1		√
1.6.2		√
1.6.3		
1.6.3.1	1	√
1.6.3.2	2	√
1.7		
1.7.1		√
1.7.2		
1.7.2.1		√

	8602
1.7.2.2	√
1.7.3	√
1.7.4	√
1.7.5	√
1.7.6	
1.7.6.1	√
1.7.6.2	√
1.7.7	√
1.8	
1.8.1	
1.8.1.1	√
1.8.1.2	√
1.8.2	
1.8.2.1	√
1.8.2.2	√
1.8.3	
1.8.3.1	√
1.8.3.2	√
1.9	
1.9.1	√
1.9.2	√
1.9.3	√
1.10	
1.10.1	√
1.10.2	√
1.11	
1.11.1	√
1.11.2	√
1.12	
1.12.1	√
1.12.2	√
1.12.3	√
1.13	
1.13.1	√
1.13.2	
1.13.2.1	√
1.13.2.2	√
1.14	

	8602
1.14.1	√
1.14.2	√
1.14.3	√
1.14.4	√
1.15	
1.15.1	√
1.15.2	√
1.15.3	√
1.16	
1.16.1	√
1.16.2	√
1.16.3	√
1.16.4	√
1.16.5	√
1.16.6	
1.16.6.1	√
1.16.6.2	√
1.16.7	√
1.16.8	√
1.17	√
1.18	√
1.19	
1.19.1	√
1.19.2	√
1.20	
1.20.1	√
1.20.2	√
2	
2.1	
2.1.1	√
2.1.2	√
2.2	
2.2.1	√
2.2.2	√
2.2.3	√
2.2.4	√
2.3	√
2.4	√

	8602
3	
3.1	√
3.2	
3.2.1	√
3.2.2	√
3.3	
3.3.1	√
3.3.2	√
3.4	
3.4.1	√
3.4.2	√
3.5	
3.5.1	√
3.5.2	√
4	
4.1	√
4.2	√
5	√
6	
6.1	√
6.2	√
6.3	√

7101:750kW

	7101
1	
1.1	
1.1.1	√
1.1.2	√
1.1.3	√
1.1.4	√
1.2	
1.2.1	√
1.2.2 KCL KVL	√
1.2.3	√
1.2.4	√
1.3	
1.3.1	√
1.3.2	√
1.3.3	√
1.3.4 RLC	√
1.3.5	√
1.3.6	√
1.3.7	√
1.3.8 RLC	√
1.3.9	√
1.4	
1.4.1	√
1.4.2	√
1.4.3 / /	√
1.5	

	7101
1.5.1	
1.5.1.1	√
1.5.1.2	√
1.5.2 : /	√
1.5.3	
1.5.3.1	√
1.5.3.2	√
1.5.5.3	√
1.6	
1.6.1 /	√
1.6.2	√
1.6.3	√
1.6.4	√
1.6.5	√
1.7	
1.7.1	√
1.7.2	√
1.7.2.1	√
1.7.2.2	√
1.7.3	√
1.7.4	√
1.7.5	√
1.8	
1.8.1	√
1.8.2	√
1.8.3	√
1.8.4	√
1.9	
1.9.1	√
1.9.2	√
1.9.3 .	√
1.9.4	√
1.9.5	√
1.9.6 /	

	7101
1.9.6.1	√
1.9.6.2	√
1.9.6.3	√
1.9.7	√
1.10	
1.10.1	√
1.10.2	√
1.10.3	√
1.10.4	√
1.10.5	√
1.10.6	√
1.11	
1.11.1	√
1.11.2	√
1.11.3	√
1.11.4	√
1.11.5	√
1.11.6	√
2	√
2.1	
2.1.1	√
2.1.2 IGBT IGCT IPM	√
2.1.3	√
2.1.3.1	√
2.1.3.2	√
2.1.4 AFE	√
2.1.5	√
2.1.6	√
2.1.7	√
2.1.8 PWM	√
3	
3.1	

F2+X)B‘

63B W4â

+e"DAî 7,´ ¨ » ò È » ² Ö70 +e » Ã0ªE-+e » Ã#{B +e » Ã

Lb Ô1y4× ÃNÍ Ê+e#q Ã l+e#q Ã Ï)· 1y

+e"DAî 7,´ Œ é ? ÖF 5 COE- Ã Ý5 COE- Ã. &COE-

+e W ×+OE÷0; ú+e WLb Ô>õ5ž

. D ’ @,´ Ï ú ¦ > Ì

8i :+e"DAî 7,´ Œ)ß ³

8i8f+e Ë3+5 , ÄG}+e ¯ Å

8i8f+e Ë3+5 ,´4ô @ (©&é ú ò È X8i : ¯+X 9-(94ï f]

W&é5 5H3+5 ,´(©&é

8i8f+e Ë3+5 …4ï . ¼'— >3+5 …4ï . Ä1V ' }5ž1y Å

G}+e3+5 ,´4ô @G &È ²O¸+e4ï ÃG}+e ¯ Ã

	7301
5.1	
5.1.1	√
5.1.2	√
5.1.3	√
5.1.4	√
5.1.5	√
5.1.6	√
5.1.7	√
5.1.8	√
5.1.9	
5.1.9.1	√
5.1.9.2	√
5.1.10 /	√
5.1.11	
5.1.11.1	√
5.1.11.2	√
5.1.12	√
5.2 (GNSS)	
5.2.1 GNSS/DGNSS	√
5.2.2 GNSS/DGNSS	√
5.2.3	√
5.3 AIS	
5.3.1 AIS	√
5.3.2	√
5.4	√
5.5	
5.5.1	√
5.5.2	
5.5.2.1	√
5.5.2.2	√
5.5.2.3	√
5.5.3	
5.5.3.1	√
5.5.3.2	√
5.5.3.3	√
5.5.3.4	√
5.5.4	

63B W4â

8i+XAÑ0;

+e.ñAÑ0; * \4ô @ ¼ Œ Ï*6 È > ¦ ,8ZAî 7 Õ . Aö

J ž AÑ0; * \4ô @ ¼ Œ Ï*6 È > ¦ ,8ZAî 7 Õ . Aö

-(£AÑ0; * \4ô @ ¼ Œ Ï*6 È > ¦ ,8ZAî 7 Õ . Aö

#{$!3+5 Ö #{$! * \4ô @ ¼ Œ Ï*6 È > ¦ ,8ZAî 7 Õ

8Z>| žAà … 8Z>| žAà … Ä 9 ' 5 6 9Å 5

* \4ô @ ¼ Œ Ï*6

œ4Ö?±"r Ã > ¦ P O ˜ Õ ¼+e$À

+e €#§ .3+5

+e €#§ .Aî 7,´ * \4ô @ ¼ Ï7-

> ¦ ,8ZAî 7 Õ

8i8fFJ 3+5

+e.ñ# P Ý,´ * \. Aö

4ï+e# P Ý,´(©&é ¼FD ´ È#§+X 4ï+eNÁ V

B3 f >@ B3,´ * \ ² %

* 0 ' 6 ¶6F

* 0 ' 6 ¶6\4ô @ ú Ï7-

* 0 ' 6Aî 7G} 7?±"r

* 0 ' 6FJ Aî 7,´5$?±"r,´. Aö

› O FJ 3+5

, Q P D UFJ D3¶5 ,´ ´ @ ú * \ Œ Ï*6

, Q P D U \8D1 W4ô& @ ÃFJ Ï7- ú5$ Ô

, Q P D U V D8i1W,´ 4ô% @ ÃFJ Ï7- ú5$ Ô

8i8f ¹ ÕA–3+5 4ô @ ú5$ Ô é#

K! O3+5 4ô @ Ã Ï*6 ú5$ Ô é#

0) +4ô 8+e 4ô @ ÃFJ Ï7- ú5$ Ô 0) +4ô 8+e 4ô @ ÃFJ Ï7- ú5$ Ô é#

	7401	7402
1.3.1.3	√	√
1.3.1.4	√	√
1.3.1.5	√	√
1.3.1.6	√	√
1.3.1.7	√	√
1.3.1.8	√	√
1.4		
1.4.1	√	√
1.4.2	√	√
1.4.3	√	√
1.5	√	√
1.6	√	√
2		
2.1		
2.1.1		
2.1.1.1	√	√
2.1.1.2	√	√
2.1.1.3	√	√
2.1.2		
2.1.2.1	√	√
2.1.2.2	√	√
2.1.2.3	√	√
2.1.2.4	√	√
2.1.3		
2.1.3.1	√	√
2.1.3.2	√	√
2.1.3.3	√	√
2.1.4		
2.1.4.1	√	√
2.1.4.2	√	√
2.1.4.3	√	√
2.1.4.4	√	√
2.1.4.5	√	√
2.1.4.6	√	√
2.1.4.7	√	√
2.1.5		
2.1.5.1	√	√
2.1.5.2	√	√
2.1.5.3	√	√

	7401	7402
2.1.5.4	√	√
2.1.5.5	√	√
2.1.5.6	√	√
2.1.5.7	√	√
2.1.5.8 “ ”	√	√
2.1.5.9	√	√
2.1.6		
2.1.6.1	√	√
2.1.6.2	√	√
2.1.6.3	√	√
2.1.6.4	√	√
2.1.6.5	√	√
2.1.6.6	√	√
2.1.6.7	√	√
2.1.6.8	√	√
3		
3.1 MLC 2006		
3.1.1	√	√
3.1.2	√	√
3.2 SOLAS ISM		
3.2.1 SOLAS	√	√
3.2.2 SOLAS	√	√
3.2.3 ISM	√	√
3.2.4 PSC	√	√
3.3 STCW		
3.3.1 STCW	√	√
3.3.2 STCW	√	√
3.4		
3.4.1	√	√
3.4.2	√	√
3.4.3	√	√
3.5	√	√
3.6	√	√
3.7	√	√
4		
4.1	√	√
4.2	√	√
4.3 / /	√	√

	7401	7402
4.4	√	√
5		
5.1	√	√
5.2	√	√
6		
6.1		
6.1.1		
6.1.1.1	√	√
6.1.1.2	√	√
6.1.2	√	√
6.1.3	√	√
6.1.4	√	√
6.2	√	√
6.3	√	√
6.4	√	√
6.5 PMS	√	√
6.6	√	√
6.7	√	√
6.8	√	√
6.9		
6.9.1	√	√
6.9.2	√	√
6.9.3	√	√
6.10		
6.10.1	√	√
6.10.2	√	√
6.10.3	√	√
6.10.4	√	√
6.10.5	√	√
6.10.6	√	√
6.11 :	√	√

	7401	7402
7		
7.1		
7.1.1	√	√
7.1.2	√	√
7.1.3	√	√
7.1.4	√	√
7.1.5	√	√
7.1.6	√	√
7.1.7 Z	√	√
7.1.8	√	√
7.1.9	√	√
7.1.10	√	√
7.2		
7.2.1		
7.2.1.1	√	√
7.2.1.2	√	√
7.2.1.3	√	√
7.2.2		
7.2.2.1	√	√
7.2.2.2	√	√
7.2.3		
7.2.3.1	√	√
7.2.3.2	√	√
7.2.4	√	√
7.3 : ( )		
7.3.1 ( )	√	√
7.3.2	√	√
7.4 :	√	√
7.5		
7.5.1	√	√
7.5.2	√	√
7.5.3	√	√
7.5.4		
7.5.4.1	√	√
7.5.4.2	√	√
7.6		
7.6.1		

	7401	7402
7.6.1.1	√	√
7.6.1.2	√	√
7.6.2		
7.6.2.1	√	√
7.6.2.2	√	√
7.6.3	√	√
8.		
8.1		
8.1.1	√	√
8.1.2	√	√
8.1.3	√	√
8.2		
8.2.1	√	√
8.2.2	√	√
8.2.3	√	√
8.3		
8.3.1	√	√
8.3.2	√	√

7001 750 kW

	7001
1	
1.1	
1.1.1	
1.1.1.1	√
1.1.1.2	√
1.1.2	√
1.2	
1.2.1	√
1.2.2 ( )	√
2	
2.1	
2.1.1	√
2.1.2	√
2.1.3	√
2.2	
2.2.1	√
2.2.2	√
2.2.3	√
2.3	
2.3.1	
2.3.1.1	√
2.3.1.2	√
2.3.2	√
2.3.3	√
2.4	
2.4.1	√
2.4.2	√
2.5	
2.5.1	√
2.5.2	√
2.6	
2.6.1	√
2.6.2	√

	7001
2.6.3	√
2.6.4	√
2.7	
2.7.1	√
2.7.2	√
2.7.3	√
2.7.4	√
2.8	
2.8.1	√
2.8.2	√
2.8.3	√
3	
3.1	
3.1.1	√
3.1.2	√
3.1.3	√
3.2	
3.2.1	√
3.2.2	√
3.2.3	√
3.3 AC-	
3.3.1 AC-	√
3.3.2 AC-	√
3.3.3 AC-	√
3.3.4	√
3.4 (AC-C20)	
3.4.1	√
3.4.2	√
3.4.3	√
3.4.4	√
3.5	
3.5.1	√
3.5.2	√
3.5.3	√
3.6	
3.6.1	√
3.6.2	√
3.6.3	√
4	
4.1	

	7001
4.1.1 COMS	√
4.1.2 Windows	√
4.1.3	√
4.1.4 (WORD EXCEL)	√
4.2	
4.2.1	√
4.2.2	√
4.2.3	√
4.2.4	√
5	
5.1 IBS	√
5.2	
5.2.1	
5.2.1.1	√
5.2.1.2	√
5.2.1.3	√
5.2.2	
5.2.2.1 GPS	√
5.2.2.2 GPS	√
5.2.3 AIS	√
5.2.4	√
5.2.5	√
5.2.6	√
5.2.7 ECDIS	√
5.3	
5.3.1 GMDSS	
5.3.1.1 GMDSS	√
5.3.1.2 GMDSS	√
5.3.1.3 GMDSS	√
5.3.2 Inmarsat	
5.3.2.1 Inmarsat	√
5.3.2.2 Inmarsat-C	√
5.3.2.3 Inmarsat-F	√
5.3.3 MF/HF	√
5.3.4 VHF VHF DSC	√
5.3.5 NAVTEX	√
5.3.6 S-EPIRB 9 GHz SART	√
5.3.7	

	7001
5.3.7.1	√
5.3.7.2	√
5.3.7.3	√
6	
6.1	√
6.2 SOLAS	
6.2.1	√
6.2.2	√
6.2.3	√
6.3 STCW	
6.3.1	√
6.3.2 STCW	√
6.4 MARPOL	
6.4.1	√
6.4.2	√
6.4.3	√
6.5 2006	
6.5.1	√
6.5.2	√
6.6	
6.6.1	√
6.6.2	√
6.6.3	√
6.7	√
7	
7.1	√
7.2	√
7.3	√
7.4	√
7.5	√

7601:750kW

	7601
1	
1.1	√
1.2	√
1.3	
1.3.1	√
1.3.2	√
1.3.3	√
1.3.4	√
1.4	√
2	
2.1	
2.1.1	√
2.1.2	√
2.1.3	√
2.1.4	√
2.1.5	√
2.1.6	√
2.2	
2.2.1	
2.2.1.1	√
2.2.1.2	√
2.2.2	
2.2.2.1	√
2.2.2.2	√
2.2.2.3	√
2.2.3	
2.2.3.1	√
2.2.3.2	√
2.2.4	
2.2.4.1	√
2.2.4.2	√
2.2.4.3	√

	7601
2.2.5	
2.2.5.1	√
2.2.5.2	√
2.2.6	√
2.3	
2.3.1	
2.3.1.1	√
2.3.1.2	√
2.3.1.3	√
2.3.1.4	√
2.3.1.5	√
2.3.1.6	√
2.3.1.7	√
2.3.2	
2.3.2.1	√
2.3.2.2	√
2.3.3	√
2.3.4	
2.3.4.1	√
2.3.4.2	√
2.3.4.3	√
2.4	
2.4.1	
2.4.1.1	√
2.4.1.2	√
2.4.2	
2.4.2.1	√
2.4.2.2	√
2.5	
2.5.1	√
2.5.2	√
2.5.3	√
2.5.4	√
2.6	√
2.7	
2.7.1	√
2.7.2 /	√

	7601
2.7.3	√
2.8	
2.8.1	
2.8.1.1	√
2.8.1.2	√
2.8.1.3	√
2.8.1.4 Y Δ	√
2.8.2	√
2.8.3	√
2.9 - -	
2.9.1	√
2.9.2	√
3	
3.1	
3.1.1	√
3.1.2	√
3.1.3	√
3.2	
3.2.1	
3.2.1.1	√
3.2.1.2	√
3.2.2	√
3.2.3	√
3.2.4	√
3.2.5	√
3.2.6	
3.2.6.1	√
3.2.6.2	√
3.2.7	
3.2.7.1	√
3.2.7.2	√
3.2.7.3	√
3.2.7.4	√
3.2.7.5	√
3.2.7.6	√
3.3	√
3.4	
3.4.1	√
3.4.2	√
3.5	

	7601
3.5.1	√
3.5.2	√
3.5.3	√
3.5.4	√
4	
4.1	
4.1.1	√
4.1.2	√
4.2	√
5	
5.1	√
5.2	√
5.3	√
6	
6.1	√
6.2	√
6.3	√
7	
7.1	√
7.2	√
7.3	√
7.4	√
7.5	√
7.6	√
8	
8.1	
8.1.1	√
8.1.2 /	√
8.1.3	√
8.1.4	√
8.1.5	√
8.1.6	√
8.1.7	√
8.1.8	√
8.1.9	√
8.2	
8.2.1	√
8.2.2	√

	7601
8.3	√
8.4	
8.4.1	√
8.4.2	√
8.4.3	√
8.5	√
8.6	√

/

	3000	500~3000	3000	500~3000
1				
1.1	√	√	√	√
1.2			√	√
1.3			√	√
1.4VTS			√	√
1.5			√	√
1.6	√	√		
1.7	√	√		
1.8	√	√		
1.9	√	√	√	√
1.10	√	√		
2.				
2.1 MLC STCW	√	√		
2.2 VDR S-VDR			√	
2.3 BNWAS	√	√	√	√
2.4	√	√	√	
3 BRM				
3.1				
3.1.1	√	√		
3.1.2			√	√
3.1.3	√	√	√	√

	3000	500~3000	3000	500~3000
3.1.4	√	√		
3.1.5	√	√	√	√
3.1.6	√	√	√	√
3.1.7	√	√		
3.2				
3.2.1	√	√		
3.2.2	√	√		
3.2.3			√	√
3.2.4			√	√
3.2.5 ARPA/TT /AIS /ECDIS			√	√
3.3 ECDIS				
3.3.1	√	√		
3.3.2	√	√		
3.3.3	√	√		
3.3.4	√	√		
3.4				
3.4.1	√	√		
3.4.2	√	√		
3.4.3			√	√
3.4.4			√	√
3.5				
3.5.1			√	√
3.5.2			√	√
3.5.3 VTS			√	√
3.6				
3.6.1			√	√

	3000	500~3000	3000	500~3000
3.6.2			√	√
3.6.3			√	√
3.6.4 VTS			√	√
3.6.5			√	√
3.6.6			√	√
3.6.7			√	√
3.6.8			√	√
3.7	√	√		
3.8				
3.8.1	√	√		
3.8.2			√	√
3.8.3	√	√	√	√
3.8.4	√	√		
3.8.5			√	√
3.8.6	√	√		
3.8.7			√	√
3.9				
3.9.1	√	√		
3.9.2			√	√
3.9.3	√	√	√	√
3.9.4	√	√	√	√
3.9.5	√	√	√	√

/

	500 /
1	
1.1	
1.1.1	√
1.1.2	√
1.1.3	√
1.1.4	√
1.1.5	√
1.2	
1.2.1	√
1.2.2	√
1.2.3	√
2 1972	
2.1	√
2.2	√
2.3	√
2.4	√
2.5 “ ”	√
2.6	√
2.7	√
2.8	√
3 BRM	
3.1	
3.1.1	√
3.2 VTS	
3.2.1	√
3.2.2	√
3.3	
3.3.1	√

	500 /
3.3.2	√
3.3.3	√
3.4	
3.4.1	√
3.4.2	√
3.5	
3.5.1	√
3.5.2	√
3.5.3	√
3.6	
3.6.1	√
3.7	
3.7.1	√
3.7.2	√
3.7.3	√
3.7.4	√
3.7.5	√
3.7.6	√
3.7.7	√
3.7.8	√
3.8	
3.8.1	√
3.8.2	√
3.8.3	√
3.8.4	√

500

	500	500	500 /
1			
1.1			
1.1.1	√	√	√
1.1.2	√	√	√
1.1.3			√
1.2			
1.2.1	√		
1.2.2	√		
1.3			
1.3.1	√	√	√
1.3.2	√	√	
1.3.3			√
1.3.4	√	√	√
2 1972			
2.1			√
2.2			√
2.3	√	√	√
2.4	√	√	√
2.5	√	√	√
2.6 VTS	√	√	√
3 BRM			
3.1			
3.1.1	√	√	√
3.1.2	√	√	√
3.1.3	√	√	√

	500	500	500 /
3.2			√
3.3 AIS GPS	√	√	
3.4	√	√	√
3.5	√	√	√
3.6		√	
3.7 ECDIS		√	

	500 /	500 /
1		
1.1	√	√
1.2	√	√
2		
2.1		
2.1.1	√	√
2.1.2	√	√
2.1.3	√	√
2.1.4	√	√
2.2		
2.2.1	√	√
2.3		
2.3.1	√	√
2.3.2	√	√
2.4		
2.4.1	√	√
2.4.2	√	√
2.4.3	√	√
2.4.4	√	√
2.4.5	√	√
2.4.6 AIS	√	√
2.4.7	√	√
2.4.8	√	√
2.4.9	√	√
2.4.10	√	√
2.4.11	√	√
2.4.12	√	√
2.4.13	√	√

	500 /	500 /
3.		
3.1		
3.1.1	√	√
3.1.2	√	√
3.2		
3.2.1	√	√
3.2.2	√	√
3.3	√	√
4.		
4.1		
4.1.1	√	√
4.1.2	√	√
4.1.3	√	√
4.1.4	√	√
4.1.5	√	√
4.1.6	√	√
4.1.7	√	√
4.1.8	√	√
4.1.9	√	√
4.2		
4.2.1	√	√
5.		
5.1		
5.1.1	√	√
5.1.2	√	√
5.1.3	√	√
5.1.4	√	√
5.1.5	√	√
5.1.6	√	√
5.1.6	√	√

	500 /	500 /
5.1.7	√	√
5.1.8	√	√
5.1.9 AIS	√	√
5.2		
5.2.1	√	√
5.2.2	√	√
5.2.3	√	√
6.		
6.1		
6.1.1	√	√
6.1.2	√	√
6.1.3	√	√
6.1.4	√	√
6.2		
6.2.1	√	√
6.3		
6.3.1	√	√
6.3.2	√	√
6.3.3	√	√
7.		
7.1	√	√
7.2	√	√
7.3.	√	√
7.4	√	√
7.5	√	√

	500	500	500
1.			√
2.			
2.1	√	√	√
2.2	√	√	√
3.			
3.1	√	√	√
3.2	√	√	√
3.3 ECDIS	√	√	
4.			
4.1	√	√	
4.2	√	√	
4.3	√	√	
5.			
5.1	√	√	√
5.2	√	√	√
5.3	√	√	
6. VTS			
6.1 TSS	√	√	√
6.2 VTS	√	√	√
6.3	√	√	√
7.	√	√	

	500 /	500 /	500 /
1.			
1.1	√	√	√
1.2	√	√	√
1.3	√	√	
1.4	√	√	
1.5	√	√	√
1.6	√	√	
1.7	√	√	√
1.8	√	√	√
2.			
2.1	√	√	√
2.2	√	√	√
3.			
3.1	√	√	√
3.2	√	√	√
3.3	√	√	
3.4	√	√	√
3.5	√	√	
4.			
4.1	√	√	√
4.2	√	√	
4.3	√	√	√
4.4	√	√	√
4.5 GPS	√	√	
4.6	√	√	√
5. AIS			
5.1	√	√	√
5.2	√	√	√
6. VDR LRIT	√	√	

	500 /	500 /	500 /
1.			
1.1		√	√
1.2	√		
1.3	√	√	√
1.4	√		
1.5	√	√	√
1.6	√	√	√
2.			
2.1	√	√	√
2.2	√		
3.			
3.1	√	√	√
3.2	√		
3.3	√	√	√
4.			
4.1	√	√	√
4.2	√	√	√
4.3	√		
4.4	√	√	
5.			
5.1	√	√	√
5.2	√	√	√
5.3	√	√	√

	3000	500 -3000	3000	500 -3000	500
1					
1.1	√	√	√	√	√
1.2	√	√	√	√	√
1.3	√	√	√	√	√
1.4	√	√	√	√	√
1.5	√	√	√	√	√
1.6	√	√	√	√	√
2					
2.1	√	√	√		
2.2	√	√	√		
2.3	√	√	√		
2.4	√	√	√		
2.5	√	√	√		
3					
3.1	√			√	
3.2	√			√	
3.3	√			√	
3.4	√				
4					
4.1	√	√	√	√	
4.2	√	√	√	√	
4.3	√	√	√	√	
5					
5.1	√	√			
5.2 CSS	√	√			

/

	500 /	500 /
1		
1.1	√	√
1.2	√	√
1.3	√	√
2		
2.1	√	√
2.2	√	√
2.3	√	√
3		
3.1	√	√
3.2	√	√
3.3	√	√
3.4	√	√
3.5	√	√
3.6	√	√
3.7	√	
3.8	√	√
4		
4.1	√	√
4.2	√	
4.3	√	√
4.4	√	√
5		
5.1	√	√
5.2	√	√
5.3	√	

	500 /	500 /
1.		
1.1	√	√
1.2	√	√
1.3	√	√
1.4	√	√
1.5	√	√
2.		
2.1	√	√
2.2		
2.2.1	√	√
2.2.2	√	√
2.2.3	√	√
3.		
3.1	√	√
3.2	√	√
3.3	√	√
4.		
4.1	√	√
4.2	√	√
5.		
5.1		
5.1.1	√	√
5.1.2	√	√
5.2		
5.2.1	√	√
5.2.2	√	√
5.2.3	√	√
5.2.4	√	√
5.2.5	√	√
5.2.6	√	√

F2+X)B‘

L€8Z "ï#§8Z

Aô ` W4â

j j

k X ú k X ú

: ¼ : ¼

9 Ÿ 9 Ÿ

ü ü

Z05

Z05：

	Z05
1	
1.1	
1.1.1	√
1.1.2	√
1.1.3	√
1.2	
1.2.1	√
1.2.2	√
1.2.3	√
1.2.4	√
1.3	
1.3.1	√
1.3.2	√
1.3.3	√
1.4	
1.4.1	√
1.4.2	√
1.4.3	√
1.5	
1.5.1	√
1.5.2	√
1.6	√
1.7	
1.7.1	√
1.7.2	√
1.7.3	√
2 MFAG	
2.1 MFAG	√
2.2	√
2.3	√
2.4	√
3	
3.1	√

	Z05
3.2	√
3.3	√
4	
4.1	√
4.2	√
4.3	
4.3.1	√
4.3.2	√
5	
5.1	√
5.2	√
5.3 -	√
5.4	√
5.5	√
5.6	
5.6.1	√
5.6.2	√
5.6.3	√
6	
6.1	
6.1.1	√
6.1.2	√
6.1.3	√
6.2	
6.2.1	√
6.2.2	√
6.2.3	√
6.3	
6.3.1	√
6.3.2	√
6.3.3	√
7	
7.1	√
7.2	√
7.3	√
7.4	√
8	
8.1	√
8.2	√

	Z05
9	
9.1	√
9.2	√
10	
10.1	√
10.2	√
10.3	√
10.4	√
10.5	√
10.6	√
10.7	√
10.8	√
11	
11.1	√
11.2	√
12	
12.1	
12.1.1	√
12.1.2	√
12.1.3	√
12.1.4	
12.1.4.1	√
12.1.4.2	√
12.1.4.3	√
12.2	√
12.3	√
12.4	√
12.5	
12.5.1	√
12.5.2	√
12.5.3	√
12.5.4	√

Z06

Z06：

	Z06
1	
1.1	
1.1.1	√
1.1.2	√
1.2	
1.2.1	√
1.2.2	√
1.2.3	√
1.2.4	√
1.2.5	√
1.2.6	√
1.3	
1.3.1	√
1.3.2	√
1.3.3	√
1.3.4	√
1.3.5	√
1.4	
1.4.1	√
1.4.2	√
1.4.3	√
1.5	
1.5.1	√
1.5.2	√
1.5.3	√
1.6	
1.6.1	√
1.6.2	√
1.6.3	√
1.7	√
1.8	
1.8.1	√
1.8.2	√

	Z06
1.8.3	√
1.9	
1.9.1	√
1.9.2	√
1.9.3	√
1.9.4	√
1.9.5	√
1.9.6	√
1.9.7	√
1.9.8	√
1.9.9	√
1.9.10	√
1.9.11	√
1.9.12	√
1.9.13	√
1.9.14	√
1.9.15	√
1.9.16	√
1.9.17	√
1.9.18	√
1.9.19	√
1.9.20	√
1.9.21	√
1.9.22	√
1.10	
1.10.1	√
1.10.2	√
1.10.3	√
1.10.4	√
1.10.5	√
1.11	
1.11.1	√
1.11.2	√
1.11.3	√
2	
2.1	
2.1.1	√
2.1.2	√
2.1.3	√
2.1.4	√

	Z06
2.1.5	√
2.2	
2.2.1	√
2.2.2	√
2.2.3	√
3	
3.1	
3.1.1	√
3.1.2	√
3.2	
3.2.1	√
3.2.2	√
3.2.3	√
3.2.4	√
3.2.5	√
3.2.6	√
3.2.7	√
3.3	
3.3.1	√
3.3.2	√
3.3.3	√
3.3.4	√
3.3.5	√
3.3.6	√
4	
4.1	√
4.2	
4.2.1	√
4.2.2	√
4.3	√
4.4	
4.4.1	√
4.4.2	√
4.4.3	√
4.4.4	√
4.5	
4.5.1	√
4.5.2	√
4.5.3	√
4.5.4	√

	Z06
4.5.5	√
5	
5.1	
5.1.1	√
5.1.2	√
5.1.3	√
5.2	
5.2.1	√
5.2.2	√
6	
6.1	
6.1.1	√
6.1.2	√
6.2	√
7	
7.1	
7.1.1	√
7.1.2	√
7.1.3	√
7.2	
7.2.1	√
7.2.2	√
7.2.3	√
7.3	√

Z07

Z07：

	Z07
1	
1.1 SOLAS -2	
1.1.1	√
1.1.2	√
1.1.3	√
1.1.4	√
1.1.5	√
1.2 ISPS	
1.2.1	√
1.2.2	√
1.3 /	
1.3.1	√
1.3.2	√
1.3.3	√
1.3.4	√
1.4	
1.4.1	√
1.4.2	√
1.4.3	√
1.4.4	√
1.4.5	√
1.4.6	√
1.5	
1.5.1	√
1.5.2	√
1.5.3	√
1.5.4	√
2	
2.1	
2.1.1	√
2.1.2	√

	Z07
2.1.3	√
2.2	
2.2.1	√
2.2.2	√
2.2.3	√
2.3	
2.3.1	√
2.3.2	√
2.3.3	√
2.4	
2.4.1	√
2.4.2	√
2.4.3	√
2.4.4	√
3	
3.1 IMO	
3.1.1 STCW	√
3.1.2 ISPS	√
3.1.3 IMO	√
3.2	
3.2.1	√
3.2.2	√
3.3 /	
3.3.1	√
3.3.2	√
3.4	
3.4.1	√
3.4.2	√
3.4.3	√
3.4.4	√

Z08

Z08：

	Z08
1	
1.1 SOLAS -2	√
1.2 ISPS	
1.2.1	√
1.2.2	√
1.3	
1.3.1	√
1.3.2	√
1.3.3	√
1.3.4	√
1.3.5	√
1.4 /	
1.4.1	√
1.4.2	√
1.4.3	√
1.4.4	√
1.4.5	√
1.4.6	√
1.5	
1.5.1	√
1.5.2	√
1.5.3	√
1.5.4	√
1.6	
1.6.1	√
1.6.2	√
1.7 /	
1.7.1	√
1.7.2 /	√
2	

	Z08
2.1	
2.1.1	√
2.1.2	√
2.2	
2.2.1	√
2.2.2	√
2.2.3	√
2.3	
2.3.1	√
2.3.2	√
2.3.3	√
2.4	
2.4.1	√
2.4.2	√
2.4.3	√
2.5	
2.5.1	√
2.5.2	√
2.5.3	√
2.6	
2.6.1	√
2.6.2	√
2.6.3	√
2.6.4	√
2.7	
2.7.1	√
2.7.2	√
3	
3.1	√
3.2	
3.2.1	√
3.2.2	√
3.3	
3.3.1	√
3.3.2	√
3.4	
3.4.1	√
3.4.2	√
3.5	
3.5.1	√

	Z08
3.5.2	√
4	
4.1	
4.1.1	√
4.1.2	√
4.1.3	√
4.1.4	√
4.1.5	√
4.2	
4.2.1	√
4.2.2	√
4.3	√

Z09

Z09：

	Z09
1	
1.1 /	
1.1.1	√
1.1.2	√
1.1.3	√
1.1.4	√
1.1.5	√
1.1.6	√
1.1.7	√
1.2	
1.2.1	√
1.2.2	√
1.2.3	√
1.2.4	√
1.2.5	√
1.3	
1.3.1	√
1.3.2	√
1.3.3	√
1.4	
1.4.1	√
1.4.2	√
1.4.3	√
1.4.4	√
1.5	
1.5.1	√
1.5.2	√
1.5.3	√
1.6	
1.6.1	√
1.6.2	√
1.7	

	Z09
/	
1.7.1	√
1.7.2	√
1.7.3	√
1.7.4	√
1.8 /	
1.8.1	√
2	
2.1	
2.1.1	√
2.1.2	√
2.2	
2.2.1	√
2.2.2	√
2.3	
2.3.1	√
2.3.2	√
2.4	
2.4.1	√
2.4.2	√
2.4.3	√
2.5	
2.5.1	√
2.6	
2.6.1	√
2.6.2	√
2.6.3	√
2.7	√
2.8	
2.8.1	√
2.8.2	√
3	
3.1	√
3.2	√
3.3	√
3.4	√
3.5	√
4	
4.1	

	Z09
4.1.1	√
4.1.2	√
4.2	√
4.3	√
5	
5.1 IMO /	
5.1.1 STCW	√
5.1.2 ISPS	√
5.1.3 IMO	√
5.2	√
5.3	√
5.4	√

T01

T01：

	T01
1	
1.1	
1.1.1	√
1.1.2	√
1.1.3	√
1.1.4	√
1.2	
1.2.1	√
1.2.2	√
2	
2.1	
2.1.1	√
2.1.2	√
2.1.3	√
2.2	
2.2.1	√
2.2.2	√
2.2.3	√
3	
3.1 IEC	√
3.2	√
3.3	√
3.4	√
3.5	
3.5.1	√
3.5.2 SBT	√
3.5.3 CBT	√
3.5.4	√
4	
4.1	
4.1.1	√
4.1.2	√
4.1.3	√
4.1.4	√

	T01
4.1.5	√
4.2	√
4.3	
4.3.1	√
4.3.2	√
4.4	√
4.5	
4.5.1	√
4.5.2	
4.5.2.1	√
4.5.2.2	√
4.5.2.3	√
4.6	
4.6.1	√
4.6.2	√
4.6.3 COW	√
4.7	
4.7.1	√
4.7.2	√
4.8 IGS	
4.8.1 IGS	√
4.8.2 IGS	√
4.8.3	√
4.8.4	√
4.8.5 IGS	√
4.8.6 / /	√
5	
5.1	√
5.2	√
5.3	
5.3.1	√
5.3.2	√
5.3.3	√
5.4	
5.4.1	√
5.4.2	√
5.4.3	√
5.4.4	√
5.4.5	√

	T01
5.4.6	√
5.4.7	√
5.5	
5.5.1	√
5.5.2	√
5.5.3	√
5.6	
5.6.1	√
5.6.2	√
5.6.3	√
5.6.4	√
5.7	
5.7.1	√
5.7.2	√
5.7.3	√
5.7.4	√
5.7.5	√
5.7.6	√
6	
6.1	√
6.2	√
7	
7.1 ISM	
7.1.1	√
7.1.2	√
7.1.3	√
7.2	√
7.3	√
7.4	√
7.5	
7.5.1	√
7.5.2	√
7.5.3	√
7.5.4	√
7.5.5	√
8	
8.1	√
8.2	√
8.3	√

	T01
8.4	√
8.5	
8.5.1	√
8.5.2	√
8.6	
8.6.1	√
8.6.2 .	√
8.7	
8.7.1	√
8.7.2	√
8.7.3	√
8.7.4	√
8.8	
8.8.1	√
8.8.2	√
8.8.3	√
8.8.4	√
9	
9.1	√
9.2	√
9.3	√
9.4 MARPOL	√
9.5	√
9.6	
9.6.1	√
9.6.2	√
9.7	√
9.8	
9.8.1	√
9.8.2 ICS	√
9.9	
9.9.1	√
9.9.2	√
10	
10.1	√
10.2	√
10.3	√
10.4	√
10.5	√
10.6	√

	T01
10.7	√
10.8	√
10.9 MSDS	
10.9.1	√
10.9.2	√
10.9.3 MSDS	√
11	
11.1	
11.1.1	√
11.1.2	√
11.2	
11.2.1	√
11.2.2	√
11.2.3	√
12	
12.1	√
12.2	√
12.3	√
12.4	√
12.5	√
12.6	√
13	
13.1	
13.1.1	√
13.1.2	
13.1.2.1	√
13.1.2.2	√
13.1.2.3	√
13.2	√
13.3	√
13.4	√
13.5 / SSSCL	√
13.6	√
14	
14.1	√
14.2	√
14.3	√
14.4	√

	T01
14.5	√
15	
15.1	
15.1.1	√
15.1.2	√
15.1.3	√
15.1.4	√
15.1.5	√
15.1.6	√
15.2	√
16	
16.1	
16.1.1	√
16.1.2	√
16.2	√
16.3	√
16.4	√
16.5	√
16.6	√
16.7	
16.7.1	√
16.7.2	√
16.7.3 CO2	√
16.7.4	√
16.7.5	√
16.8	√
17	
17.1	√
17.2	
17.2.1	√
17.2.2	√
17.3	
17.3.1	√
17.3.2	√
17.4	
17.4.1	√
17.4.2	√
17.4.3 ICS	√

	T01
17.4.4	√
17.5	
17.5.1 ICS	√
17.5.2	√
18	
18.1	
18.1.1	√
18.1.2	√
18.1.3	√
18.1.4	√
18.1.5	√
18.2	
18.2.1	√
19.2.2	√
18.2.3	√
18.2.4	√

T02

T02：

	T02
1	
1.1	
1.1.1	√
1.1.2	√
1.2	
1.2.1 COT	√
1.2.2 COT	√
1.3	
1.3.1 SBT	√
1.3.2 SBT	√
1.4	√
1.5	√
1.6	√
2	
2.1	
2.1.1	√
2.1.2	√
2.1.3	√
2.2	√
2.3 AUS	√
3	
3.1	√
3.2	√
3.3	√
4	
4.1	√
4.2	
4.2.1	√
4.2.2	√
4.3	√
4.4	√
4.5	√
5	
5.1	√
5.2	√

	T02
6	
6.1	√
6.2	√
6.3	√
7	
7.1	
7.1.1	√
7.1.2	√
7.1.3	√
7.1.4	√
7.2	√
8	
8.1	√
8.2	√
8.3	√
8.4	√
9	
9.1	√
10	
10.1	
10.1.1	√
10.1.2	√
10.2	
10.2.1	√
10.2.2	√
11	
11.1	√
11.2	√
11.3	
11.3.1	√
11.3.2	√
11.4	√
12	
12.1	√
12.2	√
12.3	√
12.4	√
12.5	

	T02
12.5.1	√
12.5.2	√
12.5.3	√
12.5.4	√
12.5.5	√
13	
13.1	√
13.2	√
14	
14.1	
14.1.1	√
14.1.2	√
15	
15.1	√
15.2	√
15.3	√
15.4	√
16	
16.1	√
16.2	√
16.3	√
16.4	√
17	
17.1	
17.1.1	√
17.1.2	√
17.1.3	√
17.2	√
17.3	
17.3.1	√
17.3.2	√
17.4	√
18	
18.1	
18.1.1	√
18.1.2	√
18.1.3	√
18.1.4 (SF)	√
18.1.5 (BM)	√

	T02
19	
19.1	
19.1.1	√
19.1.2	√
19.1.3	√
19.1.4	√
19.1.5	√
19.1.6	√
19.2	
19.2.1	√
19.2.2	√
19.2.3	√
19.2.4	√
19.2.5	√
19.2.6	√
19.3	
19.3.1	√
19.3.2	√
19.3.3	√
19.3.4	√
19.3.5	√
19.3.6	√
19.4	
19.4.1	√
19.4.2	√
19.4.3	√
19.4.4	√
19.4.5	√
19.4.6	√
19.4.7	√
19.4.8	√
19.5	
19.5.1	
19.5.1.1	√
19.5.1.2	√
19.5.1.3	√
19.5.1.4	√
19.5.1.5	√
19.5.1.6	√

	T02
19.5.1.7	√
19.5.1.8	√
19.5.2	
19.5.2.1	√
19.5.2.2	√
19.5.2.3	√
19.5.2.4	√
19.5.2.5	√
19.5.2.6	√
19.5.2.7	√
19.5.2.8	√
19.6 IGS	
19.6.1	√
19.6.2	√
19.6.3	√
19.6.4	√
19.6.5	√
19.6.6	√
19.6.7	√
19.7	
19.7.1	√
19.7.2	√
19.7.3	√
19.7.4	√
19.7.5 /	√
19.7.6	√
19.7.7	√
19.7.8	√
19.8	
19.8.1	√
19.8.2	√
19.8.3	√
19.8.4	√
19.8.5	√
20	
20.1	√
20.2	
20.2.1	√
20.2.2	√

	T02
20.2.3	√
21 .	
21.1	√
21.2	√
22	
22.1	√
22.2	√
22.3 MSDS	√
23	
23.1	√
23.2	√
23.3	√
23.4	√
23.5	√
24	
24.1	
24.1.1	√
24.1.2	√
24.2	
24.2.1	√
24.2.2	√
24.3	
24.3.1	√
24.3.2	√
24.3.3	√
24.3.4	√
24.4	√
24.5	√
25	
25.1	√
25.2	
25.2.1	√
25.2.2	√
25.3	√
25.4	
25.4.1	√
25.5	√
25.6 MSDS	√
25.7	

	T02
25.7.1 MARPOL73/78	√
25.7.2	√
25.7.3	√
25.7.4	√
25.8	√
25.9	√
26	
26.1	
26.1.1	√
26.2 IOPP	√
26.3	√
26.4	√
26.5	√
26.6	
26.6.1 MARPOL73/78	√
26.6.2	√
26.6.3	√
26.7	
26.7.1	√
26.8	
26.8.1	√
26.9 VEC	√
27	
27.1	
27.1.1 SOLAS 1974	√
27.1.2 STCW78	√
27.1.3 BWM 2004	√
27.1.4	√
27.1.5	√
27.1.6 1990	√
27.1.7	√
27.1.8	√
27.2	
27.2.1	√
27.2.2	√
27.2.3	√
27.2.4	√
27.2.5	√
27.2.6	√
27.2.7	√

T03

T03：

	T03
1	
1.1 IBC	√
1.2	
1.2.1 ,	√
1.2.2	√
1.2.3	√
2	
2.1	√
2.2	√
2.3	√
3	
3.1	√
3.2	√
3.3	√
3.4	√
4	
4.1 IBC	√
4.2	√
4.3	
4.3.1 /	√
4.3.2 /	√
4.3.3	√
5	
5.1	√
5.2	√
5.3	√
5.4	√
5.5	√
5.6	√
6	
6.1	√
6.2	√
6.3	√

	T03
7	
7.1	√
7.2	√
7.3	√
7.4	√
7.5 — ,	√
7.6	√
7.7	
7.7.1	√
7.7.2	√
8	
8.1	√
9	
9.1	
9.1.1	√
9.1.2	√
9.1.3	√
9.1.4	√
9.1.5	√
9.1.6	√
9.2	
9.2.1	√
9.2.2	√
9.3	
9.3.1	√
9.3.2	√
9.3.3	√
9.4	
9.4.1	√
9.4.2	√
9.5	
9.5.1	√
9.5.2 MARPOL	√
9.6	
9.6.1	√
9.6.2	√
9.6.3	√
9.6.4	√
9.6.5	√
9.6.6	√

	T03
9.6.7	√
10	
10.1 (SBT)	√
10.2	√
10.3	√
10.4	√
10.5	√
11	
11.1	√
11.2 ,	√
11.3	√
12 /	
12.1 IBC	√
12.2	√
13	
13.1	√
13.2	√
13.3	√
13.4	√
14	
14.1	√
14.2	√
14.3	√
14.4	√
14.5	√
14.6	√
14.7	√
14.8	√
15	
15.1	
15.1.1 IBC	√
15.1.2	√
16	
16.1 ISM	
16.1.1	√
16.1.2	√
16.1.3	√
16.2	√
16.3	√

	T03
16.4	
16.4.1	√
16.4.2	√
16.4.3	√
16.4.4	√
17	
17.1 , ,	√
17.2	√
17.3 ,	√
17.4 /	√
17.5	√
18	
18.1	√
18.2	
18.2.1	√
18.2.2	√
18.2.3 /	√
18.2.4	√
18.2.5	√
18.2.6	√
18.2.7	√
18.2.8	√
19	
19.1	√
19.2	√
19.3	√
19.4	√
19.5	√
19.6	√
19.7	√
20	
20.1	√
20.2	√
20.3	√
20.4	√
21	
21.1 : “ ”	√
21.2	√

	T03
22	
22.1	√
22.2 -	√
22.3	√
22.4 , —	√
22.5	√
22.6	√
22.7	√
23	
23.1	√
23.2 MARPOL	√
23.3	√
24	
24.1	√
24.2	√
24.3	√
25	
25.1	√
25.2	√
25.3	√
25.4	√
25.5	√
25.6 ,	√
26	
26.1	√
26.2	√
26.3	√
26.4	√
27	
27.1	√
27.2	√
27.3	√
27.4	√
28	√
29	√
30	
30.1	√
30.2	√

	T03
31	
31.1	√
31.2	√
31.3	√
31.4	√
31.5	√
31.6	√
31.7	√
31.8	√
31.9	√
31.10	√
31.11	√
31.12 MSDS	√
32	
32.1	
32.1.1	√
32.1.2	√
32.1.3	√
32.2	√
32.3	√
32.4	√
32.5	√
32.6	√
32.7	√
32.8	√
32.9	√
32.10	√
32.11	
32.11.1	√
32.12	√
32.13	√
32.14	√
32.15	√
32.16	
32.16.1	√
32.16.2	√
32.16.3	√
32.17	√
32.18	√
33	

	T03
33.1	√
33.2	√
33.3	√
33.4	√
33.5	√
33.6	√
33.7 MSDS	√
33.8	√
33.9	√
33.10	√
34	
34.1	√
34.2	√
34.3	√
35	
35.1 SOLAS 1974	√
35.2 STCW78	√
35.3 MARPOL73/78	√
35.4 BWM2004	√
35.5 IBC	√
36	
36.1	√
36.2	√
37	
37.1	√
37.2	√
37.3	√
38	
38.1 1990	√
38.2	√
38.3	√
38.4	
38.4.1	√
38.4.2	√
38.4.3 SOPEP	√
38.4.4	√
38.4.5	√
39	
39.1 PSC	√

	T03
39.2 OCIMF	√
39.3 CDI	√

T04

T04：

	T04
1	
1.1	
1.1.1	√
1.1.2	√
1.2	
1.2.1	√
1.2.2	√
1.2.3 IGC	√
1.3	
1.3.1	√
1.3.2	√
1.3.3	√
1.3.4	√
1.4	√
2	
2.1	√
2.2	
2.2.1	√
2.2.2	√
2.2.3	√
2.2.4	√
2.2.5 LNG	√
2.2.6	√
2.2.7	√
2.2.8 ESD	√
2.2.9	√
2.3	
2.3.1 LPG	√
2.3.2 LPG	√
2.3.3 LNG	√
2.3.4	√
3	
3.1	√
3.2	√

	T04
3.3	
3.3.1	√
3.3.2	√
3.3.3	√
3.3.4	√
4	
4.1	√
4.2	√
4.3	√
4.4	
4.4.1 ---RISK ASSESSMENT	√
4.4.2 ---NEAR MISS	√
4.5	
4.5.1	√
4.5.2	√
4.6	√
4.7	√
5	
5.1	
5.1.1	√
5.1.2	√
5.1.3	√
5.1.4	√
5.1.5	√
5.1.6	√
5.2	
5.2.1	√
5.2.2	√
5.2.3	√
5.3	√
5.4	√
5.5	√
5.6	√
5.7	√
5.8	√
5.9	√
5.10	√
5.11	√
5.12	√

	T04
6	
6.1	
6.1.1	√
6.1.2	√
6.1.3	√
6.1.4	√
6.1.5	√
6.1.6	√
6.1.7	√
6.1.8	√
6.1.9	√
6.1.10	√
6.2 MSDS	√
7	
7.1	√
7.2	√
7.3	√
7.4	√
8	
8.1	√
8.2	
8.2.1	√
8.2.2	√
8.2.3	√
8.2.4	√
8.2.5	√
8.3 MFAG	√
8.4	
8.4.1	√
8.4.2	√
8.4.3	√
8.4.4	√
8.4.5	√
8.4.6	√
8.5	
8.5.1	√
8.5.2	√
8.5.3	√
8.5.4	√

	T04
8.5.5	√
8.5.6	√
9	
9.1	
9.1.1	√
9.1.2	√
9.1.3	√
9.2	√
9.3	√
9.4	
9.4.1	√
9.4.2	√
9.5	
9.5.1	√
9.5.2	√
9.5.3	√
9.5.4	√
9.5.5	√
10	
10.1	
10.1.1	√
10.1.2	√
10.1.3	√
10.2	
10.2.1	√
10.2.2	√
10.3	
10.3.1	√
10.3.2	√
11	
11.1	√
11.2	√
11.3	√
11.4	√
11.5	√
11.6	
11.6.1	√
11.6.2	√
11.6.3	√

	T04
11.7	√

T05

T05：

	T05
1	
1.1	√
1.2	√
1.3	
1.3.1	√
1.3.2	√
1.4	
1.4.1	√
1.4.2	√
1.4.3	√
1.4.4	√
1.5	
1.5.1	√
1.5.2	√
1.6	
1.6.1	√
1.6.2	√
1.6.3	√
1.7	
1.7.1	√
1.7.2	√
1.8	
1.8.1	√
1.8.2	√
1.8.3	√
1.8.4	√
1.8.5	√
1.8.6	√
1.9	
1.9.1	√
1.9.2	√
1.9.3	√
1.10	√
1.11 ESD	√
1.12	√

	T05
1.13	
1.13.1	√
1.13.2	√
1.13.3	√
1.13.4	√
1.13.5	√
1.13.6	√
1.13.7	√
1.13.8	√
1.13.9	√
1.13.10	√
1.13.11	√
1.13.12	√
2	
2.1	√
2.2	√
2.3	√
2.4	√
2.5	√
2.6	√
3 LNG	
3.1 IAS	√
3.2 LNG	√
3.3	√
3.4	√
3.5	√
3.6	√
3.7	√
3.8	
3.8.1	√
3.8.2	√
3.8.3	√
3.8.4	√
4	
4.1	√
4.2	√
4.3	√
4.4	√
5	√

	T05
6	
6.1	√
6.2	√
6.3	
6.3.1	√
6.3.2 ( )	√
6.4	√
7	
7.1	
7.1.1	√
7.1.2	√
7.1.3	√
7.1.4	√
7.1.5	√
7.1.6	√
7.2	
7.2.1	√
7.2.2	√
7.3	
7.3.1	√
7.3.2	√
7.3.3	√
7.3.4	√
7.3.5	√
7.3.6	√
7.4 LNG	
7.4.1	√
7.4.2	√
7.5	
7.5.1	√
7.5.2	√
7.6	√
7.7	√
7.8	√
7.9	√
7.10	√
7.11	√
7.12	
7.12.1	√
7.12.2	√

	T05
7.12.3	√
7.12.4	√
8	
8.1	√
8.2	√
8.3	√
8.4	√
8.5	√
8.6	√
8.7 OBQ,ROB	√
8.8	√
9	
9.1	√
9.2	√
9.3	√
9.4	√
10	
10.1	√
10.2	√
10.3	√
10.4	√
10.5 MSDS	√
11	
11.1	
11.1.1	√
11.1.2	√
11.1.3	√
11.1.4	√
11.1.5	√
11.1.6	√
11.1.7	√
11.1.8	√
11.1.9	√
11.1.10	√
11.2	
11.2.1	√
11.2.2	√
11.2.3	√
11.2.4	√

	T05
11.2.5	√
11.2.6	√
11.2.7	√
11.2.8	√
11.2.9	√
11.2.10	√
11.2.11	√
12	
12.1	√
12.2	√
12.3	√
12.4	√
12.5 PPE	√
12.6	√
12.7	√
13	
13.1	√
13.2	√
13.3	√
13.4	√
13.5	√
13.6 ESD	√
13.7	√
13.8	√
13.9	√
13.10	√
13.11 MFAG	√
13.12	√
14	
14.1	√
14.2	√
14.3	
14.3.1	√
14.3.2	√
14.4	√
14.5	√
15	
15.1 SOLAS	√
15.2 MARPOL	√

	T05
15.3 IMO	√
15.4	
15.4.1	√
15.4.2	√
15.4.3	√
15.4.4	√
15.5	√
15.6	√
16	
16.1 PSC/FSC	√
16.2 OCIMF	√
16.3	√
16.4	√

T06

T061：

T062：

T063：

	T061	T062	T063
1			
1.1			
1.1.1	√		
1.1.2	√		
1.1.3	√		
1.2			
1.2.1	√		
1.2.2	√		
1.3 .			
1.3.1	√		
1.3.2	√		
1.3.3	√		
1.4			
1.4.1	√		
1.4.2	√		
1.4.3	√		
1.5			
1.5.1	√		
1.5.2	√		
2			
2.1			
2.1.1	√	√	
2.1.2	√	√	
2.1.3	√	√	
2.1.4	√	√	
2.1.5	√	√	
2.2			
2.2.1	√	√	
2.2.2	√	√	

	T061	T062	T063
2.2.3	√	√	
2.2.4	√	√	
2.2.5	√	√	
2.2.6	√	√	
2.2.7	√	√	
2.3			
2.3.1	√	√	
2.3.2	√	√	
2.3.3	√	√	
2.3.4	√	√	
2.3.5	√	√	
3			
3.1			
3.1.1		√	
3.1.2		√	
3.1.3		√	
3.1.4		√	
3.1.5		√	
3.1.6		√	
3.2			
3.2.1 SOLAS		√	
3.2.2		√	
3.2.3 ISM		√	
3.2.4 IMDG		√	
3.2.5		√	
3.3			
3.3.1		√	
3.3.2		√	
3.3.3		√	
3.3.4		√	
3.3.5		√	
3.3.6		√	
3.3.7		√	
3.3.8		√	
3.4			
3.4.1		√	
3.4.2		√	
3.4.3		√	
3.4.4		√	

	T061	T062	T063
3.5			
3.5.1		√	
3.5.2		√	
3.5.3		√	
3.5.4		√	
3.6			
3.6.1		√	
3.6.2		√	
3.6.3		√	
3.6.4		√	
3.6.5		√	
3.7			
3.7.1		√	
3.7.1.1		√	
3.7.1.2		√	
3.7.2		√	
3.7.3		√	
3.7.4			
3.7.4.1		√	
3.7.4.2		√	
3.7.4.3		√	
3.8			
3.8.1		√	
3.8.2		√	
3.8.3		√	
3.9			
3.9.1			
3.9.1.1		√	
3.9.1.2		√	
3.9.2			
3.9.2.1 /		√	
3.9.2.2		√	
3.9.2.3		√	
3.9.3		√	

	T061	T062	T063
3.10			
3.10.1		√	
3.10.2		√	
3.11			
3.11.1		√	
3.11.2		√	
3.11.3		√	
3.11.4		√	
3.11.5		√	
3.11.6		√	
4			
4.1			
4.1.1			√
4.1.2			√
4.1.3			√
4.1.4			√
4.2			
4.2.1			√
4.3			
4.3.1			√
4.4			
4.4.1			√
4.4.2			√
4.4.3			√
4.4.4			√
4.5			
4.5.1			√
4.5.2			√
4.6			
4.6.1			√
4.7			√

T07

T07：

	T07
1	
1.1	
1.1.1	√
1.1.2	√
1.1.3	√
1.2	
1.2.1	√
1.2.2	√
1.2.3	√
1.2.4	√
1.3	
1.3.1	√
1.3.2	√
1.3.3	√
1.4	
1.4.1	√
1.4.2	√
1.4.3	√
1.5	
1.5.1	√
1.5.2	√
1.5.3	√
1.6	
1.6.1	√
1.6.2	√
1.6.3	√
1.6.4	√
1.6.5	√
1.6.6	√
1.6.7	√
1.6.8	√
1.6.9	√
2	
2.1	√
2.2	√

	T07
2.3	
2.3.1	√
2.3.2	√
2.3.3	√
2.3.4	√
2.3.5	√
2.3.6	√
2.4	
2.4.1	√
2.4.2	√
2.4.3	√
2.4.4	√
2.4.5	√
2.4.6	√
2.4.7	√
2.4.8	√
2.5	
2.5.1 Z	√
2.5.2	√
2.5.3	√
2.5.4	√
2.5.5	√
2.5.6	√
2.5.7	√
3	
3.1	
3.1.1	√
3.1.2	√
3.1.3	√
3.1.4	√
3.2	
3.2.1	√
3.2.2	
3.2.2.1	√
3.2.2.2	√
3.3	
3.3.1	√
3.3.2	√
3.3.3	√

T081

T081：

	T081
1	
1.1	√
1.2	√
1.3	√
1.4	√
1.5	√
1.6	
1.6.1	√
1.6.2	√
1.6.3 1972	√
1.6.4 2000	√
1.7	√
1.8	√
2	
2.1	√
2.2	√
2.3	√
2.4	√
2.5	√
2.6	√
2.7	√
3	
3.1	
3.1.1	√
3.1.2	√
3.1.3	√
3.1.4	√
3.1.5	√
3.1.6	√
3.1.7	√
3.1.8	√
3.1.9	√
3.1.10	√
3.1.11	√

	T081
3.2	
3.2.1	√
3.2.2	√
3.2.3	√
3.2.4	√
4	
4.1	
4.1.1	√
4.1.2	√
4.1.3	√
4.1.4	√
4.2	
4.2.1	√
4.2.2	√
4.2.3	√

T082

T082：

	T082
1	
1.1	√
1.2	√
1.3	√
1.4	√
1.5	
1.5.1	√
1.5.2	√
2	
2.1	
2.1.1	√
2.1.2	√
2.2	
2.2.1	√
2.2.2	√
2.3	√
2.4	√
2.5 ( )	√
2.6	
2.6.1	√
2.6.2	√
2.6.3	√
2.6.4	√
2.7	√
2.8	√
3	
3.1	√
3.2	√
3.3	√
3.4	√
3.5	√
3.6	√
3.7	√

	T082
3.8	√
3.9	√
3.10	√
4	
4.1	√
4.2	√
4.3	√
4.4	√
5	
5.1	
5.1.1	√
5.1.2	√
5.1.3	√
5.1.4	√
5.1.5	√
5.2	
5.2.1	√
5.2.2	√
5.3	√
6	
6.1	√
6.2	√
6.3	√
6.4	√

T09

T09：

	T09
1	
1.1	
1.1.1	√
1.1.2	√
1.2	
1.2.1	√
1.2.2	√
1.3	√
1.4	
1.4.1 SOLAS II-2 VII	√
1.4.2 IMSBC	√
1.4.3	√
1.4.4	√
1.4.5	√
2	
2.1 4.1 4.2 4.3	
2.1.1	√
2.1.2	√
2.1.3	√
2.2 5.1	
2.2.1	√
2.2.2	√
2.2.3	√
2.3 6.1	
2.3.1	√
2.3.2	√
2.3.3	√
2.4 7	
2.4.1	√

	T09
2.4.2	√
2.4.3	√
2.4.4	√
2.5 8	
2.5.1	√
2.6 9	
2.6.1	√
2.6.2	√
2.6.3	√
2.7	
2.7.1	√
2.7.2	√
2.7.3	√
2.7.4	√
2.7.5	√
2.7.6	√
2.7.7	√
2.8	√

T10

T10：

	T10
1	
1.1	√
1.2	
1.2.1	√
1.2.2	√
1.3	
1.3.1	√
1.3.2	√
1.3.3	√
1.4	
1.4.1 SOLAS II-2 VII	√
1.4.2 MARPOL73/78 III	√
1.4.3 IMDG	
1.4.3.1	√
1.4.3.2	√
1.4.4	√
1.4.5	√
2	
2.1 1	
2.1.1 6 13	√
2.1.2	√
2.1.3	√
2.1.4	√
2.1.5	√
2.2 2	
2.2.1	√
2.2.2	√
2.3 3	
2.3.1	√

	T10
2.3.2	√
2.3.3	√
2.3.4 .	√
2.4 4.1	
2.4.1	√
2.4.2	√
2.4.3	√
2.4.4	√
2.5 4.2	√
2.6 4.3	√
2.7 5.1	
2.7.1	√
2.7.2	√
2.7.3	√
2.7.4	√
2.8 5.2	√
2.9 6.1	
2.9.1	√
2.9.2	√
2.9.3	√
2.9.4	√
2.10 6.2	√
2.11 7	
2.11.1	√
2.11.2	√
2.11.3	√
2.12 8	
2.12.1	√
2.12.2	√
2.12.3	√
2.12.4	√
2.13 9	
2.13.1 1-8	√
2.13.2 100 240	√
2.13.3	√
2.14	
2.14.1	√
2.14.2	√

	T10
2.14.3	√
2.14.4	√
2.15	√
2.16	√

T11

T11:

	T11
1 IGF	
1.1 IGF	
1.1.1	√
1.1.2	√
1.1.3	√
1.1.4	√
1.1.5	√
1.2 IGF	
1.2.1 IGF	√
1.2.2 IGF	√
1.2.3 IGF	√
1.2.4 IGF	√
1.2.5 IGF	√
1.2.6	√
1.2.7 IGF	√
1.3 IGF	
1.3.1	√
1.3.2 /	√
1.4 IGF	
1.4.1	√
1.4.2	√
1.4.3	√
1.4.4	√
1.4.5	√
1.4.6	√
1.5 IGF	
1.5.1 IGF	√
1.5.2 IGF	√
2 IGF	
2.1 IGF	
2.1.1	√
2.1.2	√
2.1.3	√

	T11
2.1.4	√
2.1.5	√
2.1.6	√
2.1.7	√
2.1.8	√
2.1.9	√
2.1.10	√
2.1.11	√
2.1.12	√
2.2	
2.2.1	√
2.2.2	√
2.2.3	√
2.2.4	√
2.2.5	√
2.2.6	√
2.2.7	√
2.2.8	√
2.2.9	√
2.3 IGF	
2.3.1 IGF	√
2.3.2 IGF	√
3	
3.1	
3.1.1	√
3.2	
3.2.1	√
3.2.2	√
3.2.3	√
3.2.4	√
3.3 IGF	
3.3.1	√
3.3.2	√
3.3.3	√
3.4	
3.4.1	√
3.4.2	√
4 IGF	
4.1 IGF	

	T11
4.1.1	√
4.1.2 IGF	√
4.1.3 IGF	√
4.2 IGF	
4.2.1	√
4.3 IGF	
4.3.1 IGF	√
4.3.2 IGF	√
4.4	
4.4.1	√
4.4.2	√
5	
5.1	
5.1.1	√
5.1.2	√
5.1.3	√
6 IGF	
6.1 IGF / /	
6.1.1	√
6.1.2 / /	√
6.1.3 IGF /	√

T12

T12:

	T12
1 IGF	
1.1 IGF	
1.1.1 IGF	√
1.1.2 IGF	√
1.2 IGF	
1.2.1 IGF	√
1.2.2 IGF	
1.2.2.1	√
1.2.2.2	√
1.2.2.3	√
1.2.2.4	√
1.2.2.5	√
1.2.2.6	√
1.2.2.7	√
1.2.2.8 /	√
1.2.2.9	√
1.2.2.10	√
1.2.2.11	√
1.2.2.12 /	√
1.2.2.13 IGF	√
1.2.3	√
1.2.4	√
1.2.5	√
1.2.6	√
1.3 SDS IGF	
1.3.1 SDS	√
1.3.2 SDS	√
2 IGF	
2.1	
2.1.1	√
2.1.2	√

	T12
2.1.3	√
3 IGF	
3.1 IGF	
3.1.1	√
3.1.2	√
3.1.3 IGF	√
3.1.4	
3.1.4.1	√
3.1.4.2	√
3.1.4.3	√
3.1.4.4	√
3.1.4.5	√
3.1.4.6	√
3.1.4.7	√
3.1.5	√
3.1.6	√
3.1.7	√
3.1.8 ESD	√
3.2 IGF	
3.2.1	√
3.2.2	√
3.2.3	√
3.2.4	√
3.2.5	√
3.3	
3.3.1	√
3.3.2	√
3.3.3	√
3.3.4	√
3.3.5	√
3.3.6	√
4 IGF	
4.1 IGF	
4.1.1 IGF	√
4.1.2 IGF	√
4.2	
4.2.1	√
4.2.2	√

	T12
4.2.3	√
4.2.4	√
4.3 IGF	
4.3.1 IGF	√
4.4 IGF	
4.4.1	√
4.4.2	√
4.4.3 - / -	√
4.4.4	√
4.5	
4.5.1	√
4.5.2 (OBQ)	√
4.5.3 (ROB)	√
4.5.4	√
4.6 IGF	
4.6.1	√
4.6.2	√
5 IGF	
5.1	
5.1.1	√
5.1.2	√
5.1.3	√
5.2	
5.2.1	√
5.2.2	√
6	
6.1 MARPOL IMO	
6.1.1 MARPOL	√
6.1.2 IMO	√
6.2 IGF	
6.2.1 IGF	√
7	
7.1 IGF	

	T12
7.1.1	√
7.1.2	√
7.1.3	√
7.1.4	√
7.1.5	√
7.1.6	√
7.1.7	√
7.1.8	√
7.1.9	√
7.1.10	√
7.2 IGF	
7.2.1 .	√
7.2.2	√
7.3 /	
7.3.1	√
7.3.2	√
7.4 IGF	
7.4.1	√
7.4.2	√
7.5 IGF	
7.5.1	√
7.5.2	√
7.6 IGF	
7.6.1	√
7.6.2	√
7.7	
7.7.1	√
7.7.2	√
8 IGF	
8.1 IGF	
8.1.1	√
8.1.2 IGF	√
8.1.3 IGF	√
8.1.4 IGF	√

T13

T13：

	T13
1	
1.1	
1.1.1	√
1.1.2	√
1.1.3	√
1.1.4	√
1.2	
1.2.1	√
1.2.2	√
1.3	
1.3.1	√
1.3.2	√
1.3.3	√
1.3.4	√
1.4	
1.4.1	√
1.4.2	√
1.5	
1.5.1	√
1.5.2	
1.5.2.1	√
1.5.2.2	√
1.5.3	√
1.6	
1.6.1	√
1.6.2	√
1.6.3	√
2	
2.1	
2.1.1	√
2.1.2	√
2.1.3	√
2.1.4	√
2.2	

	T13
2.2.1	√
2.2.2	√
2.2.3	√
2.3	
2.3.1	√
2.3.2	√
2.3.3	√
2.3.4	√
2.3.5	√
2.4	
2.4.1	√
2.4.2	√
2.5	√
2.6	
2.6.1	√
2.6.2	√
2.7	
2.7.1	√
2.7.2	√
2.8	
2.8.1	√
2.8.2	√
2.8.3	√
3	
3.1	
3.1.1	√
3.1.2	√
3.1.3	√
3.2	
3.2.1	√
3.2.2	√
3.3	
3.3.1	√
3.3.2	√
3.3.3	√
3.4	
3.4.1	√
3.4.2	√
3.5	
3.5.1	√

	T13
3.5.2	√
3.5.3	√
3.5.4	√
4	
4.1	
4.1.1	√
4.1.2	√
4.1.3	√
4.1.4	√
4.1.5	√
5	
5.1	
5.1.1 A4	√
5.1.2	√
5.2	√
5.3	
5.3.1	√
5.3.2	√
5.3.3	√
5.4	√
5.5	
5.5.1	√
5.5.2	√
5.5.3	√
5.6	√
5.7	√
6	
6.1	
6.1.1	√
6.1.2	√
6.1.3 MARPOL	√
6.2	√
6.3	√
6.4	√
6.5	√
6.6	√

T14

T14：

	T14
1	
1.1	
1.1.1	√
1.1.2	√
1.1.3	
1.1.3.1	√
1.1.3.2	√
1.2	
1.2.1	√
1.2.2	√
1.3	
1.3.1	√
1.3.2	√
1.4	√
2	
2.1	
2.1.1 GPS C	√
2.1.2	√
2.1.3	√
2.1.4	√
2.1.5 GPS GLONASS BDS	√
2.2	√
2.3	
2.3.1	√
2.3.2	√
2.3.3	√
3	
3.1	
3.1.1	√
3.1.2	√
3.2	
3.2.1	√

	T14
3.2.2	√
3.2.3	√
3.3	
3.3.1	√
3.3.2	√
3.3.3	√
3.4	
3.4.1	√
3.4.2	
3.4.2.1	√
3.4.2.2	√
3.5	
3.5.1	√
3.5.2	√
3.6	
3.6.1	√
3.6.2	√
3.6.3	√
3.6.4	√
3.7	
3.7.1	
3.7.1.1	√
3.7.1.2	√
3.7.1.3	√
3.7.2	
3.7.2.1	√
3.7.2.2	√
3.7.2.3	√
3.7.2.4	√
3.8	
3.8.1	√
3.8.2	√
3.9	
3.9.1	√
3.9.2	√
3.10	
3.10.1	√
3.10.2	√
3.11	
3.11.1	√

	T14
3.11.2	√
3.12	√
3.13	
3.13.1	√
3.13.2	√
3.14	√
3.15	
3.15.1	√
3.15.2	√
3.15.3	√
3.15.4	√
3.15.5	√
4	
4.1	√
4.2	√
4.3	
4.3.1	√
4.3.2	√
4.4	√

Z01 - -

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.

Z01 - -

1.
2.
3.
4.
5.
6.
7.

8.
9.
10.

Z01 - -

1. (CPR)
2.
3.
4.

Z01 - -

1.
1.1
1.2
1.3
2.
2.1
2.2
3.
3.1
3.2
4.
4.1

Z02

1.

1.1

1.2

1.3

1.4

1.5

2.

2.1

3.

3.1

3.2

3.3

3.4

4.

4.1

4.2

Z03

1.
1.1
1.2
1.3
2.
2.1
2.2
2.3
3. ( )
3.1
3.2
3.3
3.4
3.5
3.6
3.7
4.
4.1

Z04

1.
1.1
1.2
1.3 ( )
1.4
2.
2.1
2.2
3.
3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
4.
4.1
4.2

Z05

1.
1.1
1.1.1
1.1.2
1.1.3
1.1.4
1.1.5
1.1.6
1.2
1.3
1.4
2.
2.1
2.1.1
2.1.2
2.2
3.
3.1
3.2
4.
4.1
4.2
4.3
4.4

Z06

1.
1.1
1.2
1.3
2.
3.
4.
4.1
4.2
4.3
4.4
4.5

Z08

1.
1.1
1.2
2.
2.1

Z09

1.
1.1
1.2
1.3
2.
2.1
2.2
3.
3.1
3.2
3.3
4.
4.1
4.2

T01

1.
1.1
1.2
2.
2.1
2.2 EEBD
3.
3.1
4.
4.1
4.2
4.3
4.4
5.
5.1 CO2
5.2
5.3
6.
6.1
6.2 CO2
7.
7.1

T02

1.
1.1
1.2
2.
2.1
2.2
2.3
3.
3.1
3.2
3.3
3.4
4.
4.1
5.
5.1
5.2
5.3
5.4
5.5
5.6
5.7

T03

1.
1.1
1.2 /
2.
2.1
2.2
2.3
2.4
3.
3.1
4.
4.1
5.
5.1
5.2
5.3
5.4
5.5
5.6
5.7

T04

1.
1.1
1.2
2.
2.1
2.2
3.
3.1
3.2
4.
4.1
4.2
5.
5.1 CO2
5.2
5.3
6.
6.1
6.2
7.
7.1
7.2
8.
8.1
8.2

T05

1.
1.1
1.2
2.
2.1
2.2
2.3
3.
3.1
3.2
3.3
4.LNG
4 .1 LNG
4.2 LNG
4.3 LNG

T061

1.
1.1
1.2
1.3
2.
2.1
2.2
2.3
2.4
3.
3.1
3.2
4.
5.

T062

1.
2.
3.
3.1
3.2
3.3
3.4
3.5
3.6
3.7
4.
4.1
4.2
4.3
5.
5.1
5.2
5.3
5.4
5.5
5.6 “ ” “ ”

T063

1.
2.
3.
4.
5.
6.
7.

T07

1.
1.1
1.2
2.
2.1
2.2
2.3
3.

T081

1.
1.1
1.2
1.3
1.4
1.5
2.
2.1
2.2
2.3
2.4
3.
3.1
3.2
3.3
4.
4.1
4.2
4.3
4.4
4.5
4.6
5.
5.1
5.2
5.3
5.4
6.
6.1
6.2
6.3
6.4

T082

1.
1.1
1.2
2.
2.1
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2.16

T09

1. MEPC.85(44)
2.
2.1
2.2

T10

1. IMDG
2.
2.1
2.2

T11

1.
2.LNG
2.1
2.2
2.3
2.4

T12

1.
1.1
1.1.1
1.1.2
1.1.3
1.1.4
2. IGF
3.
4. IGF LNG

T13

1.
1.1
1.2
1.3 /
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3.

T14

1.
2.
2.1
2.2
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2.4
2.5
2.6