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# S-57 객체 및 속성정보 안내

2015. 10. 28.

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INT1 to S-57/52 for ENC  
**INTRODUCTION**

**(1) IM Tracks, Routes (2)**

Tracks (4) Tracks Marked by Lights   IP (3) Leading Beacons   IQ (3)											
1		Leading line <i>(the continuous firm line is the track to be followed)</i>			NAVLNE	CATNAV	3	L	10.1.1		310.1
	310.2										
(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	

(1) 분류항.

(2) 분류

(3) 다른분류항에서의 참조사항

(4) 소분류

(5) Column 1 : IHO 의 해도제작기준"에 따른 일련번호

(6) Column 2: "IHO 의 해도제작기준"에 따른 기호.

(7) Column 3: 한글과 영문용어.

(10) Column 6: Feature Code

(11) Column 7: Pol.Label

(12) Column 8: U.N

(13) Column 9: Type (P = point, L = line, A = area).

(14) Column 10: S-57 확인위치

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[IS](#) Radar, Radio, Electronic Position Fixing Systems  
Depths

[IT](#) Services

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**IB** 위치, 거리, 방위, 나침도 **Positions, Distances, Directions, Compass**

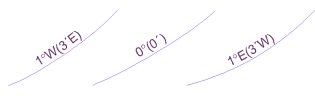
<b>지리적위치 Geographical Positions</b>											
1-6	No applicable information for ENC's										
7	PA	개략적인 위치 (정확한 위치가 아니거나, 측정되어 있지 않은 위치) Position approximate			As applicable	<a href="#">QUAPOS</a>	4		<a href="#">2.2.3</a>		
8	PD	(여러가지 위치로 보고된) 의심스러운 위치 Position doubtful			As applicable	<a href="#">QUAPOS</a>	5		<a href="#">2.2.3</a>		
9-16	No applicable information for ENC's										

<b>기준점 Control Points</b>											
20		삼각점 Triangulation point			<a href="#">CTRPNT</a>	<a href="#">CATCTR</a>	1	P	<a href="#">4.3</a>		
21		측점 Observation spot			<a href="#">CTRPNT</a>	<a href="#">CATCTR</a>	2	P	<a href="#">4.3</a>		
22		고정점 Fixed point			<a href="#">CTRPNT</a>	<a href="#">CATCTR</a>	3	P	<a href="#">4.3</a>		
23		기본수준표 Benchmark			<a href="#">CTRPNT</a>	<a href="#">CATCTR</a>	4	P	<a href="#">4.3</a>		
24		경계표 Boundary mark			<a href="#">CTRPNT</a>	<a href="#">CATCTR</a>	5	P	<a href="#">4.3</a>		

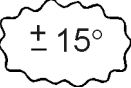
<b>기호위치(보기) Symbolised Positions (Examples)</b>											
30-33	Objects should be encoded in actual position using QUAPOS as appropriate										

<b>단위 Units</b>											
40-54	No applicable information for ENC's										

<b>자침도 Magnetic Compass</b>										
60		Variation			<a href="#">MAGVAR</a>	<a href="#">VALMAG</a> <a href="#">VALACM</a> <a href="#">RYRMGV</a>		P/A/L	<a href="#">3.1.1</a>	
61-65	No applicable information for ENC's									
66		Variation			<a href="#">MAGVAR</a>	<a href="#">VALACM</a> <a href="#">VALACM</a> <a href="#">RYRMGV</a>		P/A/L	<a href="#">3.1.1</a>	
67-68.2	No applicable information for ENC's									

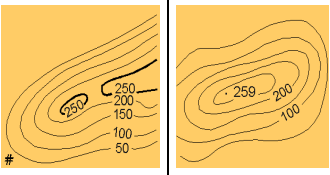
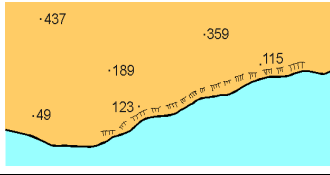
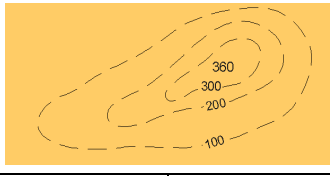
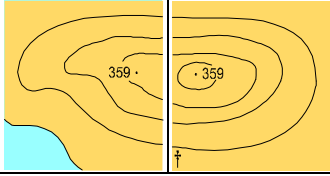

70	Compass Roses, True and Magnetic. 4°30'W 1998 (9'E) on magnetic north arrow means Magnetic Variation 4°30'W in 1998, annual change 9'E (i.e. magnetic variation decreasing 9' annually) 일반적인 나침도(소형으로도 사용가능) 자기편차 (예) : 자북방향의 화살표 선상에 표기된 7°45'W 2011(2'W)는 2011년 이 지역의 편차는 7°45'W이며, 매년 2'W 씩 변한다(증가한다)	자기편차 Magnetic Variation			<a href="#">MAGVAR</a>	<a href="#">VALMAG</a> <a href="#">VALACM</a> <a href="#">RYRMGV</a>		P/A	<a href="#">3.1.1</a>	
71		등편차선 Isogonals (lines of equal magnetic variation)			<a href="#">MAGVAR</a>	<a href="#">VALMAG</a> <a href="#">VALACM</a> <a href="#">RYRMGV</a>		L/A	<a href="#">3.1.1</a>	

INT1 to S-57/52 for ENC's

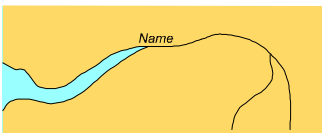
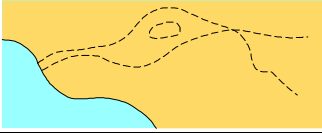
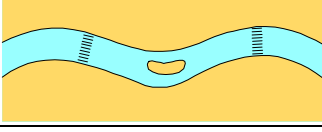
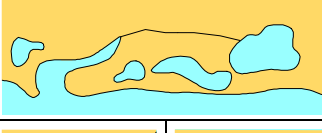
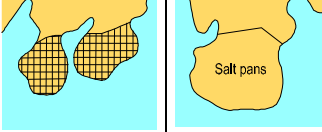
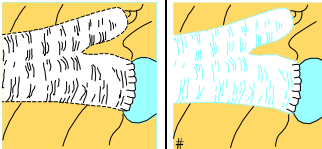

82.1		<p>이상 지방자기 둘러싸인 구역내에서는 통상치보다 표시한 양만큼의 자기편차가 있을 수 있다  <i>Local Magnetic Anomaly Within the enclosed area the magnetic variation may deviate from the normal by the value shown.</i></p>			<a href="#">LOCMAG</a>	<a href="#">VALLMA</a>		A	<a href="#">3.1.2</a>		
82.2	<p>Local Magnetic Anomaly (see Note)</p> <p>이상 지방자기(기사참조)</p>	<p>영향을 미치는 지역을 명확하게 나타낼 수 없는 경우는 해당위치에 범례만 기재한다. <i>Where the area affected cannot be easily defined, a legend only is shown at the position.</i></p>			<a href="#">LOCMAG</a>	<a href="#">VALLMA</a> <a href="#">TXTDSC</a>		P	<a href="#">3.1.2</a>		

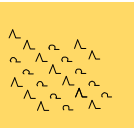
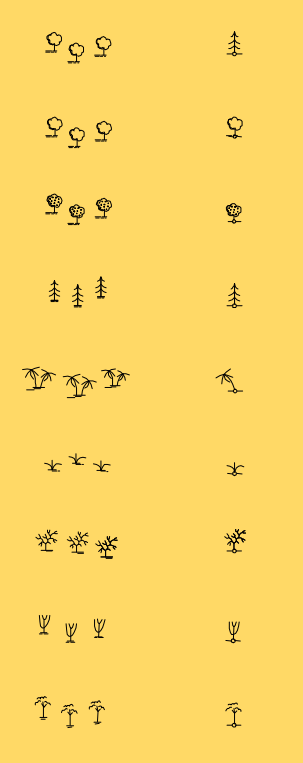
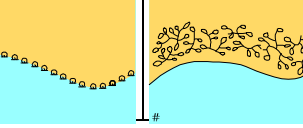

IC 자연형상 Natural Features

해안선 Coastline 물가, 갯벌 Foreshore → II, IJ											
1		측량된 해안선 Coastline, surveyed			<a href="#">COALNE</a>	<a href="#">QUAPOS</a>	1	L	<a href="#">4.5.1</a>		
2		미측량된 해안선 Coastline, unsurveyed			<a href="#">COALNE</a>	<a href="#">QUAPOS</a>	2	L	<a href="#">4.5.1</a>		
3		급경사 해안, 절벽해안 Steep Coast, Cliffs			<a href="#">COALNE</a>	<a href="#">CATCOA</a>	1	L	<a href="#">4.5.1</a>		
					<a href="#">SLOTOP</a>	<a href="#">CATSLO</a>	6	L	<a href="#">4.7.5</a>		
4		작은 언덕해안 Coastal hillocks			<a href="#">SLOGRD</a>	<a href="#">CATSLO</a>	4	P/A	<a href="#">4.7.5</a>		
					<a href="#">SLOTOP</a>	<a href="#">CATSLO</a>	4	L	<a href="#">4.7.5</a>		
5		평탄 해안 Flat coast			<a href="#">COALNE</a>	<a href="#">CATCOA</a>	2	L	<a href="#">4.5.1</a>		
6		모래 해안 Sandy Shore			<a href="#">COALNE</a>	<a href="#">CATCOA</a>	3	L	<a href="#">4.5.1</a>		
7		자갈 해안 Stony Shore			<a href="#">COALNE</a>	<a href="#">CATCOA</a>	4	L	<a href="#">4.5.1</a>		
							<a href="#">COALNE</a>	<a href="#">CATCOA</a>	5	L	<a href="#">4.5.1</a>
8		모래 언덕 Sand hills Dunes			<a href="#">SLOGRD</a>	<a href="#">CATSLO</a>	3	P/A	<a href="#">4.7.5</a>		
						<a href="#">NATSUR</a>	4				
					<a href="#">SLOTOP</a>	<a href="#">CATSLO</a>	4	L	<a href="#">4.7.5</a>		
					<a href="#">NATSUR</a>	<a href="#">NATSUR</a>	4				

육지의 승강 Relief 높이에 대한 참고도면 Plane of Reference for Heights → <a href="#">IH</a>											
10		표고점과 등고선 Contour lines			<a href="#">LNDELV</a>	<a href="#">ELEVAT</a>		L	<a href="#">4.7.2</a>		
11		표고점 Spot heights			<a href="#">LNDELV</a>	<a href="#">ELEVAT</a>		P	<a href="#">4.7.2</a>		
12		개략적인 표고와 등고선 Approximate contour lines			<a href="#">LNDELV</a>	<a href="#">ELEVAT</a> <a href="#">QUAPOS</a>	4	L	<a href="#">4.7.2</a>		
13		표고점과 지형선 Form lines with spot height			<a href="#">LNDELV</a>	<a href="#">ELEVAT</a>		L	<a href="#">4.7.2</a>		
14		숲의 개략적인 최고 높이 Approximate height of top of trees (above height datum)			<a href="#">VEGATN</a>	<a href="#">CATVEG</a> <a href="#">HEIGHT</a>	6/13	L/P/A	<a href="#">4.7.11</a>		



수역형상 Water Features, Lava											
20		강, 하천 River, Stream (non navigable)			<a href="#">RIVERS</a>	<a href="#">OBJNAM</a>		L/A	<a href="#">4.7.6</a>		
21		간헐천 Intermittent river			<a href="#">RIVERS</a>	<a href="#">OBJNAM STATUS</a>	5 5	L/A	4.7.6		
22		급류 Rapids			<a href="#">RAPIDS</a>			P/L/A	<a href="#">4.7.7.1</a>		
		폭포 Waterfalls			<a href="#">WATFAL</a>			P/L	<a href="#">4.7.7.2</a>		
23		호수, 석호 Lakes (non navigable)			<a href="#">LAKARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">4.7.8</a>		
24		염전 Salt pans			<a href="#">LNDRGN</a>	<a href="#">CATLND OBJNAM</a>	15	A	<a href="#">4.7.9</a>		
					<a href="#">COALNE</a>	<a href="#">CATCOA</a>	2	L	<a href="#">4.7.9</a>		
25		빙하 Glacier			<a href="#">ICEARE</a>	<a href="#">CATICE</a>	5	A	<a href="#">4.7.10</a>		
					<a href="#">COALNE</a>	<a href="#">CATCOA</a>	6	L	<a href="#">4.7.10</a>		
26		용암류 Lava flow			<a href="#">LNDRGN</a>	<a href="#">CATLND OBJNAM</a>	14	A	<a href="#">4.7.12</a>		

초목 Vegetation												
30		Wooded	일반적인 숲 Wood in general			<a href="#">VEGATN</a>	<a href="#">CATVEG</a>	6	P/A	<a href="#">4.7.11</a>		
31			두드러진 수목 Prominent isolated tree			<a href="#">VEGATN</a>	<a href="#">CATVEG</a> <a href="#">CONVIS</a>	6	P/A	<a href="#">4.7.11</a>		
31.1			낙엽수 Deciduous tree, or unspecified tree.			<a href="#">VEGATN</a>	<a href="#">CATVEG</a> <a href="#">CONVIS</a>	4/20	A/P	<a href="#">4.7.11</a>		
31.2			상록수(침엽수제외) Evergreen (except conifer)			<a href="#">VEGATN</a>	<a href="#">CATVEG</a> <a href="#">CONVIS</a>	14	A/P	<a href="#">4.7.11</a>		
31.3			침엽수 Conifer			<a href="#">VEGATN</a>	<a href="#">CATVEG</a> <a href="#">CONVIS</a>	5/15	A/P	<a href="#">4.7.11</a>		
31.4			야자수 Palm			<a href="#">VEGATN</a>	<a href="#">CATVEG</a> <a href="#">CONVIS</a>	16	A/P	<a href="#">4.7.11</a>		
31.5			니파 야자수 Nipa palm			<a href="#">VEGATN</a>	<a href="#">CATVEG</a> <a href="#">CONVIS</a>	17	A/P	<a href="#">4.7.11</a>		
31.6			카슈아리나 Casuarina			<a href="#">VEGATN</a>	<a href="#">CATVEG</a> <a href="#">CONVIS</a>	18	A/P	<a href="#">4.7.11</a>		
31.7			필라오 Filao			<a href="#">VEGATN</a>	<a href="#">CATVEG</a> <a href="#">CONVIS</a>	22	A/P	<a href="#">4.7.11</a>		
31.8			유칼립 Eucalypt			<a href="#">VEGATN</a>	<a href="#">CATVEG</a> <a href="#">CONVIS</a>	19	A/P	<a href="#">4.7.11</a>		
32				홍수림, 맹그로브 Mangrove			<a href="#">COALNE</a>	<a href="#">CATCOA</a> <a href="#">QUAPOS</a>	7	L	<a href="#">4.5.1</a>	
						<a href="#">VEGATN</a>	<a href="#">CATVEG</a>	7	A	<a href="#">4.7.11</a>		
33			습지, 늪, 갈대밭 Marsh, Swamp, Saltmarsh			<a href="#">LNDRGN</a>	<a href="#">CATLND</a> <a href="#">OBJNAM</a>	7	A/P	<a href="#">4.7.3</a>		
						<a href="#">COALNE</a>	<a href="#">CATCOA</a> <a href="#">QUAPOS</a>	8 4	L	<a href="#">4.7.3</a>		

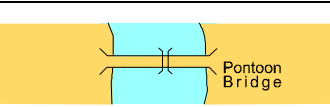
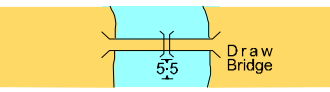
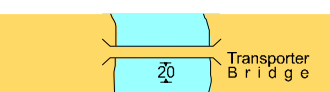
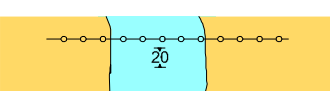
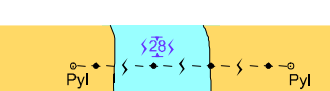
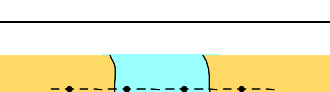


**ID 인공구조물형상 Cultural Features**

시가지 Settlements, Buildings 건물 높이 Height of objects → IE 육상물표 Landmarks → IE											
1			도심지 Urban Area			<a href="#">BUAARE</a>	<a href="#">CATBUA</a> <a href="#">OBJNAM</a>	1	A	<a href="#">4.8.14</a>	
2			건물들의 군락 Settlement with scattered buildings			<a href="#">BUAARE</a>	<a href="#">CATBUA</a> <a href="#">OBJNAM</a>	2	A	<a href="#">4.8.14</a>	
3			건물(중축척, 소축척 해도에 사용) Settlement (on med. and small scale charts)			<a href="#">BUAARE</a>	<a href="#">CATBUA</a> <a href="#">OBJNAM</a>	2	P	<a href="#">4.8.14</a>	
4			마을 Inland Village			<a href="#">BUAARE</a>	<a href="#">CATBUA</a> <a href="#">OBJNAM</a>	2/3 <a href="#">NB</a>	P	<a href="#">4.8.14</a>	
5			건물 Building			<a href="#">BUISGL</a>			P/A	<a href="#">4.8.15</a>	
6			도심내 중요건물 Important building in built-up area			<a href="#">BUISGL</a>	<a href="#">OBJNAM</a> <a href="#">FUNCTN</a> <a href="#">CONVIS</a>		P/A	<a href="#">4.8.15</a>	
7			거리명, 도로명 Street name, Road name			<a href="#">ROADWY</a>	<a href="#">CATROD</a> <a href="#">OBJNAM</a>		L	<a href="#">4.8.8</a>	
8			폐건물, 폐물표 Ruin, Ruined landmark			<a href="#">LNDMRK</a>  <a href="#">BUISGL</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a> <a href="#">COND TN</a>	2	P/A	<a href="#">4.8.15</a>	


도로, 철도, 공항 Roads, Railways, Airfields											
10			차로 Motorway			<a href="#">ROADWY</a>	<a href="#">CATROD</a>	1	L	<a href="#">4.8.8</a>	
11			포장도로 Road (hard surfaced)			<a href="#">ROADWY</a>	<a href="#">CATROD</a>		L	<a href="#">4.8.8</a>	
12			소로, 통로(비포장) Track, Path (loose or unsurfaced)			<a href="#">ROADWY</a>	<a href="#">CATROD</a>	4	L	<a href="#">4.8.8</a>	
13			철도역과 철도 Railway, with station			<a href="#">RAILWY</a> <a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	8	L P	<a href="#">4.8.2</a>	

14		절개면, 절개도로 Cutting			<a href="#">SLOGRD</a>	<a href="#">CATSLO</a>	1	L/P/A	<a href="#">4.8.4</a>		
15		제방길 Embankment			<a href="#">SLOTOP</a>	<a href="#">CATSLO</a>	2	L	<a href="#">4.8.4</a>		
16		터널 Tunnel			<a href="#">TUNNEL</a>			L/A	<a href="#">4.8.3</a>		
17		공항, 활주로 Airport, Airfield			<a href="#">RUNWAY</a>	<a href="#">CATRUN</a>		P/L/A	<a href="#">4.8.12</a>		
					<a href="#">AIRARE</a>	<a href="#">CATAIR</a>		P/A	<a href="#">4.8.12</a>		








기타 인위구조물의 형상 Other Cultural Features											
20		수직간격(약최고고조면상) Vertical clearance above High Water			<a href="#">BRIDGE</a>	<a href="#">CATBRG</a> <a href="#">VERCLR</a>		L/A	<a href="#">4.8.10</a>		
21		수평간격 Horizontal clearance			<a href="#">BRIDGE</a>	<a href="#">CATBRG</a> <a href="#">HORCLR</a> <a href="#">HORACC</a>		L/A	<a href="#">4.8.10</a> 2.2.42 2.2.42		
22		고정교량과 수직간격 Fixed Bridge with vertical clearance			<a href="#">BRIDGE</a>	<a href="#">CATBRG</a> <a href="#">VERCLR</a>	1	L/A	<a href="#">4.8.10</a>		
23.1		개방교량(일반적인)과 수직간격 Opening bridge (in general) with vertical clearance			<a href="#">BRIDGE</a>	<a href="#">CATBRG</a> <a href="#">VERCCL</a> <a href="#">VERCOP</a>	2		<a href="#">4.8.10</a>		
23.2		선개교와 수직간격 Swing bridge with vertical clearance			<a href="#">BRIDGE</a>	<a href="#">CATBRG</a> <a href="#">VERCCL</a>	3		<a href="#">4.8.10</a>		
23.3		승개교와 수직간격 Lifting bridge with vertical clearance (closed and open)			<a href="#">BRIDGE</a>	<a href="#">CATBRG</a> <a href="#">VERCCL</a> <a href="#">VERCOP</a>	4	L/A	<a href="#">4.8.10</a>		
23.4		도개교와 수직간격 Bascule bridge with vertical clearance			<a href="#">BRIDGE</a>	<a href="#">CATBRG</a> <a href="#">VERCCL</a> <a href="#">VERCOP</a>	5 nn.n	L/A	<a href="#">4.8.10</a>		







23.5		부교 Pontoon Bridge			<a href="#">BRIDGE</a>	<a href="#">CATBRG</a> <a href="#">VERCLR</a>	6	L/A	<a href="#">4.8.10</a>		
23.6		가동교와 수직간격 Draw bridge with vertical clearance			<a href="#">BRIDGE</a>	<a href="#">CATBRG</a> <a href="#">VERCLR</a>	7	L/A	<a href="#">4.8.10</a>		
24		이동식교량과 수직간격 Transporter bridge with vertical clearance between HW and lowest part of structure			<a href="#">BRIDGE</a>	<a href="#">CATBRG</a> <a href="#">VERCLR</a>	8	L/A	<a href="#">4.8.10</a>		
25		가공 운반선, 공중 케이블과 수직간격 Overhead transporter, Aerial cableway with			<a href="#">CONVYR</a>	<a href="#">VERCLR</a>	nn.n	L	<a href="#">4.8.11</a>		
26		철탑에 연결된 송전선과 안전 수직간격 Power transmission line with pylons and safe overhead clearance			<a href="#">CBLOHD</a>	<a href="#">CATCBL</a> <a href="#">VERCSA</a> <a href="#">VERCLR</a>	1	L	<a href="#">11.5.2</a>		
					<a href="#">PYLONS</a>	<a href="#">CATPYL</a>	1	P/A	<a href="#">4.8.18</a>		
27		가공선, 가공 저신전화선과 수직간격 Overhead cable, Telephone line, Telegraph line with vertical clearance			<a href="#">CBLOHD</a>	<a href="#">CATCBL</a> <a href="#">VERCSA</a> <a href="#">VERCLR</a>	3/4	L	<a href="#">11.5.2</a>		
28		가공 파이프와 수직간격 Overhead pipe with vertical clearance			<a href="#">PIPOHD</a>	<a href="#">CATPIP</a> <a href="#">VERCLR</a>		L	<a href="#">11.6.3</a>		
29		육상 수송관 Pipeline on land			<a href="#">PIPSOL</a>	<a href="#">CATPIP</a>		L	<a href="#">11.5.2</a>		

**IE 육상물표 Landmarks**














일반사항 높이에 대한 참고도면 Plane of Reference for Heights → <a href="#">IH</a> 등대 Lighthouses → <a href="#">IP</a> 입표 Beacons → <a href="#">IQ</a>											
1		육상물표의 예 Examples of landmarks			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>		P	<a href="#">4.8.15</a>		

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2	  	뚜렷한 육상물표의 예 <i>Conspicuous landmarks</i>			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>	1	P	<a href="#">4.8.15</a>		
3.1		(실제 위치의) 그림스케치 <i>Pictorial symbols (in true position)</i>			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a> <a href="#">PICREP</a>		P	<a href="#">4.8.15</a> <a href="#">4.8.20</a>		
3.2		(여백란의) 그림스케치 <i>Sketches, Views (out of position)</i>			<a href="#">LNDMRK</a> C:\Users\Administrator\Desktop\	<a href="#">CATLMK</a> <a href="#">CONVIS</a> <a href="#">PICREP</a>		P	<a href="#">4.8.15</a> <a href="#">4.8.20</a>		
4		표고기준면으로부터 구조물 상단의 높이 <i>Height of top of a structure                  above height datum</i>			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a> <a href="#">HEIGHT</a>		P	<a href="#">4.8.15</a> <a href="#">2.1.2</a>		
5		지면상 구조물 자체의 높이 <i>Height of top of a structure                  above ground level</i>			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a> <a href="#">VERLEN</a>		P	<a href="#">4.8.15</a> <a href="#">4.2.2</a>		

육상물표 Landmarks												
10.1		Ch	성당, 교회 Church			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	20	P/A	<a href="#">4.8.15</a>		
10.2		Tr	성당, 교회탑 Church tower			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">FUNCTN</a> <a href="#">CONVIS</a>	17 20	P	<a href="#">4.8.15</a>		
10.3		Sp	성당, 교회의 첨탑 Church spire			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">FUNCTN</a> <a href="#">CONVIS</a>	20	P	<a href="#">4.8.15</a>		
10.4		Cup	성당, 교회의 둥근 지붕 Church cupola			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">FUNCTN</a> <a href="#">CONVIS</a>	15	P	<a href="#">4.8.15</a>		
11			예배당 Chapel			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	21	P	<a href="#">4.8.15</a>		
12			십자가 Cross, calvary			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>	14	P	<a href="#">4.8.15</a>		
13			신전, 사원 Temple			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	22	P	<a href="#">4.8.15</a>		
14			(동양식) 탑 Pagoda			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	23	P	<a href="#">4.8.15</a>		

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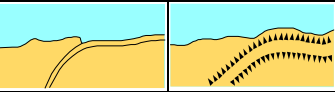
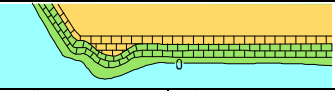
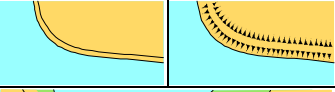
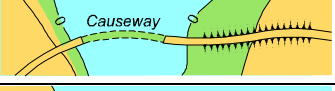
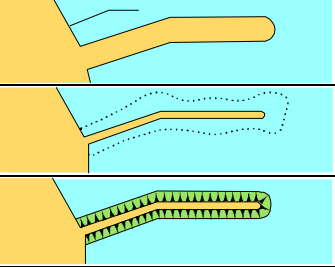
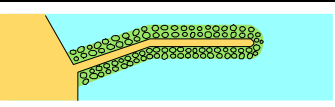
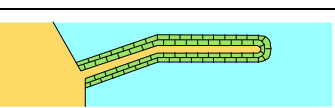
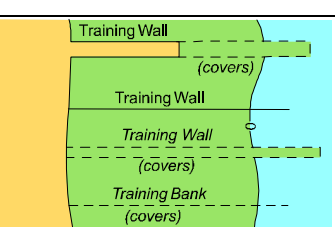
15		납골당, 중국식의 사당 Shinto shrine, Josshouse			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	24	P	<a href="#">4.8.15</a>		
16		불교사찰, 성지 Buddhist temple			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	25	P	<a href="#">4.8.15</a>		
17		회교사원, 뽀족한 탑 Mosque, Minaret			<a href="#">BUISGL</a> <a href="#">LNDMRK</a>	<a href="#">FUNCTN</a> <a href="#">CATLMK</a> <a href="#">FUNCTN</a>	26 20 26	P	<a href="#">4.8.15</a>		
18		묘지(회교도) Marabout			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	27	P	<a href="#">4.8.15</a>		
19		공동묘지 Cemeter(all religious denominations)			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>	2	P/L/A	<a href="#">4.8.15</a>		
20		탑, 망루 Tower			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>	17	P	<a href="#">4.8.15</a>		
21		급수탑, 탑에 급수탱크 Water tower, Water tank on a tower			<a href="#">SILTnk</a>	<a href="#">CATSIL</a> <a href="#">PRODCT</a>	4 3/8	P	<a href="#">4.8.15</a>		
22		연돌 Chimney			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>	3	P	<a href="#">4.8.15</a>		
23		화염연돌(육상) Flare stack (on land)			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>	6	P	<a href="#">4.8.15</a>		
24		기념비 Monument			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>	9	P	<a href="#">4.8.15</a>		
25.1		풍차 Windmill			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>	18	P	<a href="#">4.8.15</a>		
25.2		날개없는 풍차 Windmill (without sails)			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a> <a href="#">CONDtn</a>	18 4	P	<a href="#">4.8.15</a>		
26		풍력 원동기 Windmotor			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>	19	P	<a href="#">4.8.15</a>		

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27		FS	기주 Flagstaff, Flagpole			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>	5	P	<a href="#">4.8.15</a>		
28			무선주, TV 무선주 Radio mast, Television mast			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a> <a href="#">FUNCTN</a>	7 31/30	P	<a href="#">4.8.15</a>		
29			무선탑, TV 무선탑 Radio tower, Television tower			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a> <a href="#">FUNCTN</a>	17 31/30	P	<a href="#">4.8.15</a>		
30.1			레이다 마스트 Radar mast			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a> <a href="#">FUNCTN</a>	7 32	P	<a href="#">4.8.15</a>		
30.2			레이다 탑 Radar tower			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a> <a href="#">FUNCTN</a>	17 32	P	<a href="#">4.8.15</a>		
30.3			레이다 스캐너 Radar scanner			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>	16	P	<a href="#">4.8.15</a>		
30.4			레이다 돔 Radar dome			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a> <a href="#">FUNCTN</a>	15 32	P	<a href="#">4.8.15</a>		
31			접시 안테나 Dish Aerial			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>	4	P	<a href="#">4.8.15</a>		
32		Tanks	탱크 Tanks			<a href="#">SILTNK</a>	<a href="#">CATSIL</a>	2	P/A	<a href="#">4.8.15</a>		
						<a href="#">PRDARE</a>	<a href="#">CATPRA</a>	8	P/A	<a href="#">4.8.15</a>		
33		○ Silo	사이로 Silo			<a href="#">SILTNK</a>	<a href="#">CATSIL</a>	1	P/A	<a href="#">4.8.15</a>		
34.1			요새화 구조물(대축척 해도) Fortified structure			<a href="#">FORSTC</a>	<a href="#">CATFOR</a>	1/2/4	P/A	<a href="#">4.8.17</a>		
34.2			성, 요새, 벽돌집(소축척 해도) Castle, Fort, Blockhouse			<a href="#">FORSTC</a>	<a href="#">CATFOR</a>		P	<a href="#">4.8.17</a>		
34.3			포대, 작은 성채(소축척해도) Battery, Small Fort			<a href="#">FORSTC</a>	<a href="#">CATFOR</a>	2/3	P	<a href="#">4.8.17</a>		
35.1			채석장(대축척 해도) Quarry			<a href="#">PRDARE</a> <a href="#">SLOGRD</a> <a href="#">SLOTOP</a>	<a href="#">CATPRA</a>	1	A A L	<a href="#">4.8.13</a>		
35.2			채석장(소축척 해도) Quarry			<a href="#">PRDARE</a>	<a href="#">CATPRA</a>	1	P	<a href="#">4.8.13</a>		
36			광산 Mine			<a href="#">PRDARE</a>	<a href="#">CATPRA</a>	2	P	<a href="#">4.8.13</a>		



IF 항 Ports

방어 구조물 Artificial Features											
1		제방, 하천의 둑 Dyke, Levees			<a href="#">DYKCON</a>			L/A	<a href="#">4.8.7</a>		
2.1		호안 제방, 방조제(대축척해도) Seawall (on large-scale charts)			<a href="#">SLCONS</a>	<a href="#">CATSLC</a> <a href="#">WATLEV</a>	10 2/4	A	<a href="#">4.5.2</a>		
2.2		호안 제방, 방조제(소축척해도) Seawall (on smaller-scale)			<a href="#">SLCONS</a>	<a href="#">CATSLC</a> <a href="#">WATLEV</a>	10 2	L	<a href="#">4.5.2</a>		
3		해저 둑길 Causeway			<a href="#">CAUSWY</a>	<a href="#">WATLEV</a>	2/4	L/A	<a href="#">4.8.9</a>		
4.1		(일반적인) 방파제 Breakwater in general			<a href="#">SLCONS</a>	<a href="#">CATSLC</a> <a href="#">WATLEV</a>	1 2	L/A	<a href="#">4.5.2</a>		
4.2		방파제(사석, TTP 등) Breakwater (loose boulders, tetrapods etc.)			<a href="#">SLCONS</a>	<a href="#">CATSLC</a> <a href="#">WATLEV</a> <a href="#">NATCON</a>	1 3/4 3	A	<a href="#">4.5.2</a>		
4.3		방파제(콘크리트경사면, 석조) Breakwater (slope of concrete or masonry)			<a href="#">SLCONS</a>	<a href="#">CATSLC</a> <a href="#">WATLEV</a> <a href="#">NATCON</a>	1 4 1/2	A	<a href="#">4.5.2</a>		
5		공사중인 방파제 Training wall			<a href="#">SLCONS</a>	<a href="#">CATSLC</a> <a href="#">WATLEV</a> <a href="#">WATLEV</a> <a href="#">WATLEV</a>	7 2 4 NB 3 NB	L/A	<a href="#">4.5.2</a>		

6.1		건조방사제 Groyne (always dry)			<a href="#">SLCONS</a>	<a href="#">CATSLC</a> <a href="#">WATLEV</a>	2 2	L/A	<a href="#">4.5.2</a>		
6.2		간출방사제 Groyne (intertidal)			<a href="#">SLCONS</a>	<a href="#">CATSLC</a> <a href="#">WATLEV</a>	2 4	L/A	<a href="#">4.5.2</a>		
6.3		침수방사제 Groyne (always underwater)			<a href="#">SLCONS</a>	<a href="#">CATSLC</a> <a href="#">WATLEV</a>	2 3	L/A	<a href="#">4.5.2</a>		

항만시설물 Harbour Installations 수심 Depths → II 묘박지 Anchorages → IN 비이콘과 기타 고정물표 Beacons and other fixed marks 요트정박지 Marina → IU											
10		어항 Fishing harbour			<a href="#">HRBFAC</a>	<a href="#">CATHAF</a>	4	P/A	4.6.1		
12		접안 가능한 방파제 Mole (with berthing facility)			<a href="#">SLCONS</a>	<a href="#">CATSLC</a> <a href="#">WATLEV</a>	3 2	L/A	<a href="#">4.5.2</a>		
					<a href="#">BERTHS</a>	<a href="#">OBJNAM</a>		P/L/A	<a href="#">4.6.2</a>		
13		안벽, 부두 Quay, Wharf			<a href="#">SLCONS</a>	<a href="#">CATSLC</a> <a href="#">WATLEV</a>	6 2	L/A	<a href="#">4.5.2</a>		
14		잔교, 돌제 Pier, Jetty			<a href="#">SLCONS</a>	<a href="#">CATSLC</a> <a href="#">WATLEV</a>	4 2	L/A	<a href="#">4.5.2</a>		
15		산책 잔교 Promenade pier			<a href="#">SLCONS</a>	<a href="#">CATSLC</a> <a href="#">WATLEV</a>	5 2	L/A	<a href="#">4.5.2</a>		
16		부잔교 Pontoon			<a href="#">PONTON</a>			L/A	4.6.7.3		
17		보트 양육부두 Landing for boats			<a href="#">SLCONS</a> <a href="#">SMCFAC</a>	<a href="#">CATSLC</a> <a href="#">WATLEV</a> <a href="#">CATSCF</a>	4/12 4/2/3 28	L/A	<a href="#">4.5.2</a>		
18		계단, 상륙계단 Steps, Landing stairs			<a href="#">SLCONS</a>	<a href="#">CATSLC</a> <a href="#">WATLEV</a>	11 1	L/A	<a href="#">4.5.2</a>		
19		선석 번호 Designation of berth			<a href="#">BERTHS</a>	<a href="#">OBJNAM</a>		P/L	<a href="#">4.6.2</a>		

INT1 to S-57/52 for ENC's

20		돌핀 <i>Dolphin</i>			<a href="#">MORFAC</a>	<a href="#">CATMOR</a> <a href="#">WATLEV</a>	1 2	P/A	<a href="#">4.6.7.1</a>		
21		고립 돌핀 <i>Deviation dolphin</i>			<a href="#">MORFAC</a>	<a href="#">CATMOR</a> <a href="#">WATLEV</a>	2 2	P	<a href="#">4.6.7.1</a>		
22		작은 말뚝 또는 파일 <i>Minor post or</i>			<a href="#">MORFAC</a>	<a href="#">CATMOR</a>	5	P/A	<a href="#">4.6.7.1</a>		
					<a href="#">PILPNT</a>	<a href="#">CATPLE</a>		P	<a href="#">4.6.7.2</a>		
23		경사로, 선가대 <i>Slipway, Patent slip, Ramp</i>			<a href="#">SLCONS</a>	<a href="#">CATSLC</a> <a href="#">WATLEV</a> <a href="#">WATLEV</a> <a href="#">WATLEV</a>	13/12 2 4 <a href="#">NB</a> 3 <a href="#">NB</a>	L/A	<a href="#">4.5.2</a>		
24		격자선대 <i>Gridiron</i>			<a href="#">GRIDRN</a>	<a href="#">WATLEV</a>	4	A	<a href="#">4.6.6.6</a>		
25		건식선거 <i>Dry dock, Graving dock</i>			<a href="#">DRYDOC</a>			A	<a href="#">4.6.6.1</a>		
26		부유선거 <i>Floating dock</i>			<a href="#">FLODOC</a>			A	<a href="#">4.6.6.2</a>		
27		(조석의 영향을 받지않는 선거) 비조수항, 습식선거 <i>Non-tidal basin, Wet dock</i>			<a href="#">DOCARE</a>	<a href="#">CATDOC</a>	2	A	<a href="#">4.6.6.3</a>		
28		(조석의 영향을 받는 선거) 조수선거, 조수항 <i>Tidal basin, Tidal harbour</i>			<a href="#">DOCARE</a>	<a href="#">CATDOC</a>	1	A	<a href="#">4.6.6.3</a>		
29.1		부상 방책 <i>Floating oil barrier</i>			<a href="#">OILBAR</a>	<a href="#">CATOLB</a>	2	L	<a href="#">4.8.19</a>		
29.2		유류이송 파이프 <i>Oil retention barrier</i>			<a href="#">OILBAR</a>	<a href="#">CATOLB</a>	1	L	<a href="#">4.8.19</a>		
30		육상공사 구역, 연도 <i>Works on land, with year date</i>			<a href="#">DOCARE</a>	<a href="#">CONDTN</a> <a href="#">SORDAT</a>	1	A	<a href="#">4.6.6.3</a>		

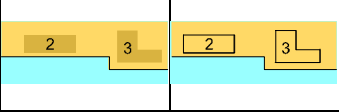

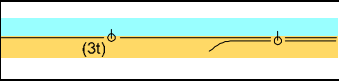
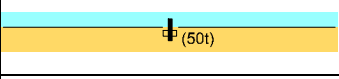
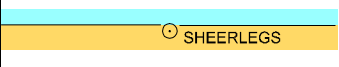
INT1 to S-57/52 for ENC's

31		해상공사, 매립공사구역, 연도 Works at sea, Area under reclamation, with year date			<a href="#">SLCONS</a>	<a href="#">CONDTN SORDAT</a>	3	L/A	<a href="#">4.5.2</a>		
32	Under Construction (1991) Works in progress (1991)	공사중(연도) Works under construction with year date			<a href="#">SLCONS</a>	<a href="#">CONDTN SORDAT</a>	1	L/A	<a href="#">4.5.2</a>		
33.1		폐시설물 Ruin			<a href="#">SLCONS</a>	<a href="#">CONDTN</a>	2		<a href="#">4.5.2</a>		
33.2		폐잔교, 고조시 부분침수 Ruined pier, partly submerged at high water				<a href="#">CONDTN WATLEV</a>	2 1	L/A	<a href="#">4.5.2</a>		
34		폐선 Hulk			<a href="#">HULKES</a>	<a href="#">CATHLK</a>		P/A	<a href="#">4.6.8</a>		




Canals, Barrages Clearances → <a href="#">ID</a> Signal Stations → <a href="#">IT</a>											
40		운하 Canal with distant mark			<a href="#">CANALS</a>	<a href="#">CATCAN</a>		L/A	<a href="#">4.8.1</a>		361.3
					<a href="#">DISMAR</a>	<a href="#">CATDIS INFORM</a>		P	<a href="#">4.4</a>		361.5 307
41.1		감문(대축척해도) Lock (on large-scale charts)			<a href="#">GATCON</a>	<a href="#">CATGAT HORCLR</a>	4	L/A	<a href="#">4.6.6.4</a>		326.6 361.6
41.2		감문(소축척해도) Lock (on smaller-scale charts)			<a href="#">GATCON</a>	<a href="#">CATGAT HORCLR</a>	4	L/A	<a href="#">4.6.6.4</a>		
42		케이슨, 건식선거용 수문 Caisson			<a href="#">GATCON</a>	<a href="#">CATGAT HORCLR</a>	3	L/A	<a href="#">4.6.6.4</a>		326.5
43		홍수제어 수문(하구언) Flood barrage			<a href="#">GATCON</a>	<a href="#">CATGAT HORCLR</a>	2	L/A	<a href="#">4.6.6.4</a> <a href="#">4.8.6</a>		326.7
					<a href="#">DAMCON</a>	<a href="#">CATDAM</a>					
44		댐, 보(흐름방향) Dam			<a href="#">DAMCON</a>	<a href="#">CATDAM</a>	2	L/A	<a href="#">4.8.5</a>		364.2

환적(상, 하역)시설 Transshipment Facilities 도로 Roads → [ID](#) 철도 Railways → [ID](#) 탱크 Tanks → [IE](#)

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50	RoRo	RoRo 운송선 전용부두(터미널) 화물차 하역선 부두 Roll on, Roll off Ferry Terminal			<a href="#">HRBFAC</a>	<a href="#">CATHAF</a>	1	L/A	<a href="#">4.8.5</a>		321.5
51		통관창고, 장치장(명칭과 같이 기재) Transit shed, Warehouse (with designation)			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a> <a href="#">OBJNAM</a>	15	P/A	<a href="#">4.8.15</a>		328.1
52		원목 야적장 Timber yard			<a href="#">PRDARE</a>	<a href="#">CATPRA</a>	6	P/A	<a href="#">4.8.13</a>		328.2
53.1		기중기 Cranes (User Administrator)			<a href="#">CRANES</a>	<a href="#">CATCRN</a> <a href="#">LIFCAP</a>		P	<a href="#">4.6.9.3</a>		328.3
53.2		컨테이너 기중기 Container crane			<a href="#">CRANES</a>	<a href="#">CATCRN</a> <a href="#">LIFCAP</a>	2	P	<a href="#">4.6.9.3</a>		328.3
53.3		기중기 Sheerlegs			<a href="#">CRANES</a>	<a href="#">CATCRN</a> <a href="#">LIFCAP</a>	3	P	<a href="#">4.6.9.3</a>		

**공공기관 Public Buildings**

60		항무관실 Harbour Master's Office			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	2	P	<a href="#">4.6.3</a>		325.1
61		세관 Custom Office			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	3	P	<a href="#">4.6.3</a>		325.2
62.1		검역소, 격리소 Health office, Quarantine building			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a> <a href="#">INFORM</a>	4	P	<a href="#">4.6.3</a>		325.3
62.2		병원 Hospital			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	5	P	<a href="#">4.8.15</a>		
63		우체국 Post office			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	6	P	<a href="#">4.8.15</a>		372.1

**IG 지형명칭 Topographic Terms**

<b>연안 Coast</b>										
1		섬,도 Island			<a href="#">LNDARE</a>	<a href="#">OBJNAM</a>		P/A	<a href="#">4.1</a>	
2		작은섬 Islet			<a href="#">LNDARE</a>	<a href="#">OBJNAM</a>		P/A	<a href="#">4.1</a>	
3		산호초, 암초 Cay			<a href="#">LNRDGN</a>	<a href="#">CATLND OBJNAM</a>	20	P/A	<a href="#">4.7.1</a>	
4		반도 Peninsula			<a href="#">LNRDGN</a>	<a href="#">OBJNAM</a>		P/A	<a href="#">4.7.1</a>	
5		군도 Archipelago			<a href="#">LNRDGN</a>	<a href="#">OBJNAM</a>		P/A	<a href="#">4.7.1</a>	
6		환초, 고리모양의선호초 Atoll			<a href="#">LNDARE</a>	<a href="#">OBJNAM</a>		P/A	<a href="#">4.1</a>	
7		곶, 갑 Cape			<a href="#">LNRDGN</a>	<a href="#">OBJNAM</a>		P/A	<a href="#">4.7.1</a>	
8		정상, 솟은육지 Head, Headland			<a href="#">LNRDGN</a>	<a href="#">OBJNAM</a>		P/A	<a href="#">4.7.1</a>	
9		끝, 점 Point			<a href="#">LNRDGN</a>	<a href="#">OBJNAM</a>		P/A	<a href="#">4.7.1</a>	
10		바다로 돌출한 모래톱 Spit			<a href="#">LNRDGN</a>	<a href="#">OBJNAM</a>		P/A	<a href="#">4.7.1</a>	
11		바위 Rock			<a href="#">LNRDGN</a>	<a href="#">CATLND OBJNAM</a>	19	P/A	<a href="#">4.7.1</a>	
12		염분이 있는 늪지 Salmarsh, Saltings			<a href="#">LNRDGN</a>	<a href="#">CATLND OBJNAM</a>	15	P/A	<a href="#">4.7.1</a>	
13		석호, 초호, 인공못 Lagoon			<a href="#">SEAARE</a>	<a href="#">OBJNAM</a>		P/A	<a href="#">8</a>	

<b>내륙의 자연지형 Natural Inland Features</b>										
20		갑 Promontory			<a href="#">LNRDGN</a>	<a href="#">OBJNAM</a>		P/A	<a href="#">4.7.1</a>	
21		산맥 Range			<a href="#">LNRDGN</a>	<a href="#">CATLND OBJNAM</a>	5	P/A	<a href="#">4.7.1</a>	
22		산마, 루 능선 Ridge			<a href="#">LNRDGN SLOTOP</a>	<a href="#">OBJNAM</a>		L/A	<a href="#">4.7.1 4.7.5</a>	

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23		산 Mountain, Mount			<a href="#">LNRGN</a>	<a href="#">CATLND</a> <a href="#">OBJNAM</a>	5	P/A	<a href="#">4.7.1</a>		
24		정상, 봉우리 Summit			<a href="#">LNDELV</a>	<a href="#">ELEVAT</a> <a href="#">OBJNAM</a>		P	<a href="#">4.7.2</a>		
25		(뽕죽한)끝 Peak			<a href="#">LNDELV</a>	<a href="#">ELEVAT</a> <a href="#">OBJNAM</a>		P	<a href="#">4.7.2</a>		
26		화산 Volcano			<a href="#">LNRGN</a>	<a href="#">CATLND</a> <a href="#">OBJNAM</a>	14/17	P/A	<a href="#">4.7.1</a>		
27		언덕 Hill			<a href="#">SLOGRD</a>	<a href="#">CATSLO</a>	4	P/A	<a href="#">4.7.4</a>		
28		둥근돌, 옥석 Boulder			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>	21	P	<a href="#">4.8.15</a>		
29		고원, 대지 Table-land			<a href="#">LNRGN</a>	<a href="#">OBJNAM</a>		P/A	<a href="#">4.7.1</a>		
30		고원 Plateau			<a href="#">LNRGN</a>	<a href="#">OBJNAM</a>		P/A	<a href="#">4.7.1</a>		
31		계곡 Valley			<a href="#">LNRGN</a>	<a href="#">OBJNAM</a>		P/A	<a href="#">4.7.1</a>		
32		협곡, 절벽 Ravine, Cut			<a href="#">LNRGN</a>	<a href="#">OBJNAM</a>		P/A	<a href="#">4.7.1</a>		
33		골짜기 Gorge			<a href="#">LNRGN</a>	<a href="#">OBJNAM</a>		P/A	<a href="#">4.7.1</a>		
34		초목 Vegetation			<a href="#">VEGATN</a>	<a href="#">CATVEG</a>		P/A	<a href="#">4.7.11</a>		
35		초원 Grassland			<a href="#">VEGATN</a>	<a href="#">CATVEG</a>	1	P/A	<a href="#">4.7.11</a>		
					<a href="#">LNRGN</a>	<a href="#">CATLND</a>	10	P/A	<a href="#">4.7.1</a>		
36		논 Paddyfield			<a href="#">LNRGN</a>	<a href="#">CATLND</a>	8	P/A	<a href="#">4.7.1</a>		
37		수풀 Bushes			<a href="#">VEGATN</a>	<a href="#">CATVEG</a>	3	P/A	<a href="#">4.7.11</a>		
38		낙엽수림 Deciduous woodland			<a href="#">VEGATN</a>	<a href="#">CATVEG</a>	4	A	<a href="#">4.7.11</a>		
39		침엽수림 Coniferous woodland			<a href="#">VEGATN</a>	<a href="#">CATVEG</a>	5	A	<a href="#">4.7.11</a>		

<b>주거지 Settlements</b>											
50		도시 City, Town			<a href="#">BUAARE</a>	<a href="#">CATBUA</a>	4/5	P/A	<a href="#">4.8.14</a>		
51		마을 Village			<a href="#">BUAARE</a>	<a href="#">CATBUA</a>	3	P/A	<a href="#">4.8.14</a>		
52		어촌 Fishing village			<a href="#">BUAARE</a>	<a href="#">CATBUA</a>	3	P/A	<a href="#">4.8.14</a>		
53		농장 Farm			<a href="#">BUAARE</a>			P/A	<a href="#">4.8.14</a>		
54		성 Saint			<a href="#">BUAARE</a>				<a href="#">4.8.14</a>		

<b>건축물 Buildings</b>											
60		구조물 Structure			<a href="#">BUIISGL</a>			P/A	<a href="#">4.8.15</a>		
					<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>		P/A			
61		주택 House			<a href="#">BUIISGL</a>			P/A	<a href="#">4.8.15</a>		
62		임시가옥 Hut			<a href="#">BUIISGL</a>			P/A	<a href="#">4.8.15</a>		
63		고층건물 Multi-storey building			<a href="#">BUIISGL</a>			P/A	<a href="#">4.8.15</a>		
64		성 Castle			<a href="#">FORSTC</a>	<a href="#">CATFOR</a>	1	P/A	<a href="#">4.8.17</a>		
65		피라미드 Pyramid			<a href="#">BUIISGL</a>	<a href="#">BUISHP</a>	6	P/A	<a href="#">4.8.15</a>		
66		기둥 Column			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>	10	P/A	<a href="#">4.8.15</a>		
67		높은기둥, 깃대 Mast			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>	7	P/A	<a href="#">4.8.15</a>		
68		격자식타워 Lattice tower			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>	17	P/A	<a href="#">4.8.15</a>		
69		(비행선의) 계류주 Mooring mast			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a> <a href="#">FUNCTN</a>	7 40	P/A	<a href="#">4.8.15</a>		



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70		투광조명 Floodlight			<a href="#">LIGHTS</a>	<a href="#">CATLIT</a> <a href="#">COLOUR</a> <a href="#">LITCHR</a>	8	P	<a href="#">12.8.7</a>		
71		시청 Town Hall			<a href="#">BUISGL</a>	<a href="#">OBJNAM</a>		P/A	<a href="#">4.8.15</a>		
72		사무실 Office			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	18	P/A	<a href="#">4.8.15</a>		
73		관측소 Observatory			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	36	P/A	<a href="#">4.8.15</a>		
74		연구소 Institute			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	19	P/A	<a href="#">4.8.15</a>		
75		대성당 Cathedral			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	20	P/A	<a href="#">4.8.15</a>		
76		수도원 Monastery, Convent			<a href="#">BUISGL</a>	<a href="#">INFORM</a>		P/A	<a href="#">4.8.15</a>		
77		망루, 경계탑 Lookout Station, Watch tower			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">FUNCTN</a>	17 28	P/A	<a href="#">4.8.15</a>		
78		해사교 Navigation school			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	19	P/A	<a href="#">4.8.15</a>		
79		해군대학 Naval college			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	19	P/A	<a href="#">4.8.15</a>		
80		공장 Factory			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	16	P/A	<a href="#">4.8.15</a>		
					<a href="#">PRDARE</a>	<a href="#">CATPRA</a>	7	P/A			
81		토기가마 Brick kiln, Brick works			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	16	P/A	<a href="#">4.8.15</a>		
					<a href="#">PRDARE</a>	<a href="#">CATPRA</a>	7	P/A	<a href="#">4.8.13</a>		
82		시멘트공장 Cement works			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	16	P/A	<a href="#">4.8.15</a>		
					<a href="#">PRDARE</a>	<a href="#">CATPRA</a>	7	P/A	<a href="#">4.8.13</a>		
83		물레방아 Water mill			<a href="#">BUISGL</a>			P/A	<a href="#">4.8.15</a>		
84		온실 Greenhouse			<a href="#">BUISGL</a>			P/A	<a href="#">4.8.15</a>		
85		창고 Warehouse, Storehouse			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	15	P/A	<a href="#">4.6.9.1</a>		
86		냉동고, 냉장창고 Cold store, Refrigerated storage house			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	15	P/A	<a href="#">4.8.15</a> <a href="#">4.6.9.1</a>		
87		제련소 Refinery			<a href="#">PRDARE</a>	<a href="#">CATPRA</a>	5	P/A	<a href="#">4.8.13</a>		

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88		발전소 Power station			<a href="#">PRDARE</a>	<a href="#">CATPRA</a>	4	P/A	<a href="#">4.8.13</a>		
89		변전소 Electric works			<a href="#">PRDARE</a>	<a href="#">INFORM</a>	Electric Works	P/A	<a href="#">4.8.13</a>		
90		가스공장 Gas works			<a href="#">PRDARE</a>	<a href="#">INFORM</a>	Gas Works	P/A	<a href="#">4.8.13</a>		
91		수도사업장 Water works			<a href="#">PRDARE</a>	<a href="#">INFORM</a>	Water Works	P/A	<a href="#">4.8.13</a>		
92		오물처리장 Sewage works			<a href="#">PRDARE</a>	<a href="#">INFORM</a>	Sewage Works	P/A	<a href="#">4.8.13</a>		
93		기계공장, 펌프공장 Machine house, Pump house			<a href="#">BUISGL</a>	<a href="#">INFORM</a>		P/A	<a href="#">4.8.15</a>		
					<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>					
94		우물 Well									
95		전화국 Telegraph office			<a href="#">BUISGL</a>	<a href="#">INFORM</a>		P/A	<a href="#">4.8.15</a>		
96		호텔 Hotel			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	7	P/A	<a href="#">4.8.15</a>		
97		선원 휴게소 Sailors' home			<a href="#">BUISGL</a>	<a href="#">INFORM</a>		P/A	<a href="#">4.8.15</a>		
98		온천호텔 Spa hotel			<a href="#">BUISGL</a>	<a href="#">FUNCTN INFORM</a>	7	P/A	<a href="#">4.8.15</a>		
<b>도로, 철로, 항공로 Road, Rail and Air Traffic</b>											
110		거리, 도로 Street, Road			<a href="#">ROADWY</a>			L	<a href="#">4.8.8</a>		
111		시가, 도로 Avenue			<a href="#">ROADWY</a>			L	<a href="#">4.8.8</a>		
112		전차선로 Tramway			<a href="#">ROADWY</a>	or		L	<a href="#">4.8.8</a>		
					<a href="#">RAILWY</a>						
113		고가교 Viaduct			<a href="#">BRIDGE</a>	<a href="#">CATBRG VERCLR</a>	10	L/A	<a href="#">4.8.10</a>		
114		현수교 Suspension bridge			<a href="#">BRIDGE</a>	<a href="#">CATBRG VERCLR</a>	12	L/A	<a href="#">4.8.10</a>		
115		인도교 Footbridge			<a href="#">BRIDGE</a>	<a href="#">CATBRG VERCLR</a>	9	L/A	<a href="#">4.8.10</a>		

INT1 to S-57/52 for ENCs

116		활주로 Runway			<a href="#">RUNWAY</a>	<a href="#">CATRUN</a>	1	P/L/A	<a href="#">4.8.12</a>		
117		착륙유도등 Landing lights			<a href="#">LIGHTS</a>	<a href="#">COLOUR LITCHAR</a>		P	<a href="#">12.8</a>		
118		헬기착륙장 Helicopter landing site			<a href="#">RUNWAY</a>	<a href="#">CATRUN</a>	2	P/L/A	<a href="#">4.8.12</a>		

<b>항, 항구 Ports, Harbours</b>											
130		방조제 Tidal barrier			<a href="#">DAMCON</a>	<a href="#">CATDAM</a>	3	L/A	<a href="#">4.8.5</a>		
131		소형선 양륙지 Boat lift, Ship lift			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	3	P/A	<a href="#">4.6.5</a>		
132		소규모 운하 Minor canal			<a href="#">CANALS</a>	<a href="#">CATCAN</a>		L/A	<a href="#">4.8.1</a>		
133		인공수문 Sluice			<a href="#">GATCON</a>	<a href="#">CATGAT</a>	6	P/L/A	<a href="#">4.6.6.4</a>		
134		내만, 해분 Basin			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	7	A	<a href="#">8</a>		
135		저수지 Reservoir			<a href="#">LAKARE</a>			A	<a href="#">4.7.8</a>		
136		매립구역 Reclamation area			<a href="#">LNDARE</a>	<a href="#">COND TN</a>	3	A	<a href="#">4.1</a>		
137		항만 Port			<a href="#">HBRFAC</a>	<a href="#">CATHAF</a>		A	<a href="#">4.6.1</a>		
138		항구 Harbour			<a href="#">HBRARE</a>			A	<a href="#">9.1.1</a>		
139		천연적 항구 Haven			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>			<a href="#">4.6.6.3</a> <a href="#">8</a>		
140		내 항 Inner Harbour			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM INFORM</a>		A	<a href="#">4.6.6.3</a> <a href="#">8</a>		
141		외항 Outer Harbour			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM INFORM</a>		A	<a href="#">4.6.6.3</a> <a href="#">8</a>		

INT1 to S-57/52 for ENCs

142		대형선전용항 Deep water harbour			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a> <a href="#">INFORM</a>		A	<a href="#">9.1.1</a>		
143		자유항 Free port			<a href="#">FRPARE</a>			A	<a href="#">11.2.3</a>		
144		관세항 Customs harbour			<a href="#">CUSZNE</a>				<a href="#">11.2.2</a>		
145		군항 Naval port			<a href="#">HBRFAC</a>	<a href="#">CATHAF</a>	6	A	<a href="#">4.6.1</a>		
146		산업항 Industrial harbour			<a href="#">HBRARE</a>	<a href="#">INFORM</a>		A	<a href="#">9.1.1</a>		
147		무역항 Commercial port, Trade port			<a href="#">HBRFAC</a>	<a href="#">INFORM</a> <a href="#">OBJNAM</a>			<a href="#">4.6.1</a>		
148		건축자재전용항 Building harbour			<a href="#">HBRFAC</a>	<a href="#">CATHAF</a> <a href="#">INFORM</a>	9	A	<a href="#">4.6.1</a>		
149		유류전용항 Oil harbour			<a href="#">HBRFAC</a>	<a href="#">CATHAF</a> <a href="#">INFORM</a>	7	A	<a href="#">4.6.1</a>		
150		광석전용항 Ore harbour			<a href="#">HBRFAC</a>	<a href="#">CATHAF</a> <a href="#">INFORM</a>	11	A	<a href="#">4.6.1</a>		
151		곡물전용항 Grain harbour			<a href="#">HBRFAC</a>	<a href="#">CATHAF</a> <a href="#">INFORM</a>		A	<a href="#">4.6.1</a>		
152		컨테이너전용항 Container harbour			<a href="#">HBRFAC</a>	<a href="#">CATHAF</a> <a href="#">INFORM</a>	10	A	<a href="#">4.6.1</a>		
153		목재전용항 Timber harbour			<a href="#">HBRFAC</a>	<a href="#">CATHAF</a> <a href="#">INFORM</a>	11	A	<a href="#">4.6.1</a>		
154		석탄전용항 Coal harbour			<a href="#">HBRFAC</a>	<a href="#">CATHAF</a> <a href="#">INFORM</a>	11	A	<a href="#">4.6.1</a>		
155		여객전용항 Ferry harbour			<a href="#">HBRFAC</a>	<a href="#">CATHAF</a> <a href="#">INFORM</a>	3	A	<a href="#">4.6.1</a>		
156		경찰서 Police									

<b>항만시설 Harbour Installations</b>											
170		터미널 Terminal			<a href="#">HBRFAC</a>	<a href="#">CATHAF</a> <a href="#">INFORM</a>		A	<a href="#">4.6.1</a>		
171		선가대 Building slip			<a href="#">SLCONS</a>	<a href="#">CATSLC</a>	13	P/L/A	<a href="#">4.5.2</a>		
172		선각장 Building yard			<a href="#">HBRFAC</a>	<a href="#">CATHAF</a> <a href="#">INFORM</a>		A	<a href="#">4.6.1</a>		
173		부표 야적장 Buoy yard, Buoy dump			<a href="#">HBRFAC</a>	<a href="#">CATHAF</a> <a href="#">INFORM</a>		A	<a href="#">4.6.1</a>		
174		유류저장소 Bunker Station			<a href="#">HBRFAC</a>	<a href="#">CATHAF</a> <a href="#">INFORM</a>		A	<a href="#">4.6.1</a>		
175		폐유수거시설 Reception facilities for oily wastes			<a href="#">HBRFAC</a>	<a href="#">CATHAF</a> <a href="#">INFORM</a>		A	<a href="#">4.6.1</a>		
176		유류탱크소제시설 Tanker cleaning facilities			<a href="#">HBRFAC</a>	<a href="#">CATHAF</a> <a href="#">INFORM</a>		A	<a href="#">4.6.1</a>		
177		냉각수 흡인/배출구 Cooling water intake/outfall			<a href="#">HBRFAC</a>	<a href="#">CATHAF</a> <a href="#">INFORM</a>		A	<a href="#">4.6.1</a>		
178		방책, 차단벽 Floating barrier, Boom			<a href="#">OILBAR</a> <a href="#">OBSTRN</a>	<a href="#">CATOLB</a> <a href="#">CATOBS</a>	2 10	L P/L/A			
179		말뚝 Piling			<a href="#">PILPNT</a>	<a href="#">CATPLE</a>		P	<a href="#">4.6.7.1</a>		
					or <a href="#">OBSTRN</a>	<a href="#">CATOBS</a> <a href="#">WATLEV</a> HEIGHT	2 2	P/L/A	<a href="#">4.6.7.1</a>		
180		말뚝의 대열 Row of piles			<a href="#">PILPNT</a>	<a href="#">CATPLE</a>		P	<a href="#">4.6.7.1</a>		
					<a href="#">OBSTRN</a>	<a href="#">CATOBS</a> <a href="#">WATLEV</a> HEIGHT	2 2	P/L/A	<a href="#">4.6.7.1</a>		
181		계선주 Bollard			<a href="#">MORFAC</a>	<a href="#">CATMOR</a>	3	P/A	<a href="#">4.6.7.1</a>		
182		콘베이어 Conveyor			<a href="#">CONVYR</a>	<a href="#">VERCLR</a> <a href="#">CATCON</a>		L/A	4.8.11		

INT1 to S-57/52 for ENCs



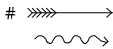
183		저장탱크 Storage tanker			<a href="#">HBRFAC</a>	<a href="#">CATHAF INFORM</a>		P/A	<a href="#">4.6.1</a>		
184		부선운반선 Lighter aboard ship			<a href="#">HBRFAC</a>	<a href="#">CATHAF INFORM</a>		P/A	<a href="#">4.6.1</a>		
185		액화천연가스 Liquefied Natural Gas			<a href="#">HBRFAC</a>	<a href="#">CATHAF INFORM</a>		P/A	<a href="#">4.6.1</a>		
186		액화석유가스 Liquefied Petroleum Gas			<a href="#">HBRFAC</a>	<a href="#">CATHAF INFORM</a>		P/A	<a href="#">4.6.1</a>		
187		대형유조선 Very Large Crude Carrier			<a href="#">HBRFAC</a>	<a href="#">CATHAF INFORM</a>		A	<a href="#">4.6.1</a>		

## IH 조석, 조류 Tides, Currents


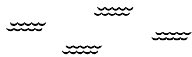


조석관련약어 Terms Relating to Tidal Levels											
1-17		Various			<a href="#">M_VDAT</a>	<a href="#">VERDAT</a>			<a href="#">2.1.2</a>		
					<a href="#">M_SDAT</a>	<a href="#">VERDAT</a>			<a href="#">2.1.2</a>		

조위면과 수치의 표기 Tidal Levels and Charted Data    조위계 Vertical → <a href="#">ID</a> Tide Gauge → <a href="#">IT</a>											
20											

조석표 Tide Tables											
30											406.2 406.3 406.4 406.5
31		조류표 Tidal stream table			<a href="#">TS_PAD</a>	<a href="#">TS_TSP</a>		P/A	<a href="#">3.3.5</a>		407.2 407.3

Tidal Streams and Currents											
40		유속이 표기된 창조류의 유향 Flood tide stream (with rate)			<a href="#">TS_FEB</a>	<a href="#">CAT_TS CURVEL ORIENT</a>	1	P	<a href="#">3.3.1</a>		407.4 408.2
41		유속이 표기된 낙조류의 유향 Ebb tide stream (with rate)			<a href="#">TS_FEB</a>	<a href="#">CAT_TS CURVEL ORIENT</a>	2	P	<a href="#">3.3.1</a>		407.4 408.2
42		국부적인 수역에서의 흐름 Current in restricted waters			<a href="#">CURENT</a>	<a href="#">CURVEL ORIENT</a>		P	<a href="#">3.4</a>		408.2

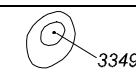

INT1 to S-57/52 for ENCs

43	 (see Note)	시기와 유속이 표기된 해류 Ocean current			<a href="#">CURENT</a>	<a href="#">CURVEL</a> <a href="#">ORIENT</a> <a href="#">TXTDSC</a>		P	<a href="#">3.4</a>		408.3
44		급류 Overfalls, tide rips, races			<a href="#">WATTUR</a>	<a href="#">CATWAT</a>	3/4	P/A	<a href="#">6.4</a>		423.1
45		와류 Eddies			<a href="#">WATTUR</a>	<a href="#">CATWAT</a>	2	P/A	<a href="#">6.4</a>		423.3
46		조류기사를 적용하는 지점 Position of tabulated tidal stream data with designation			<a href="#">TS_PAD</a>	<a href="#">TS_TSP</a>		P	<a href="#">3.3.5</a>		407.2







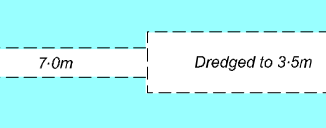
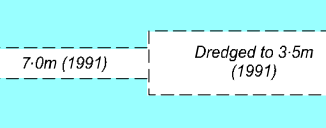
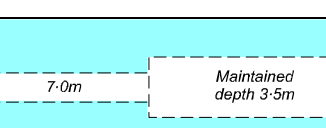
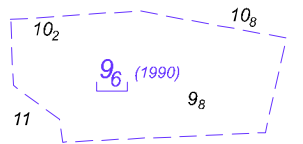
## II 수심 Depths

General											
1	ED	의심스러운 존재 Existence doubtful				<a href="#">STATUS</a>	18	P/L/A	<a href="#">5.3</a>		417 424.3
2	40 SD	의심스러운 수심 Sounding of doubtful depth				<a href="#">SOUNDG</a>	3	P	<a href="#">5.3</a>		417 424.3
						<a href="#">OBSTRN</a>					
3.1	Rep	확인되지 않았지만 보고된 자료 Reported, but not confirmed				<a href="#">QUASOU</a> <a href="#">QUAPOS</a>	9 8		<a href="#">5.3</a>		
3.2	Rep (1973)	확인되지 않았지만 보고된 자료와 연도 Reported, with year of report, but not confirmed				<a href="#">QUASOU</a> <a href="#">QUAPOS</a> <a href="#">SORDAT</a>	9 8		<a href="#">5.3</a>		
4	184 212	수심 또는 위험이 확인되지 않은 보고된 자료 Reported, but not confirmed, sounding or danger				<a href="#">SOUNDG</a>	9 8	P	<a href="#">5.3</a>		
						<a href="#">OBSTRN</a>					

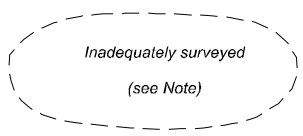
측심 Soundings and Drying Heights 수심에 대한 참고도면 Plane of Reference for Depths → <a href="#">IH</a> 높이에 대한 참고도면 Plane of Reference for Heights → <a href="#">IH</a>											
10	12 9 <sub>2</sub> # 9,7	실제 위치의 수심 Sounding in true position				<a href="#">SOUNDG</a>	1	P	<a href="#">5.3</a>		
						<a href="#">QUASOU</a>					
11	# +(12)  3349	위치를 벗어난 수심 Sounding out of position				<a href="#">SOUNDG</a>		P	<a href="#">5.3</a>		
12	 (14,)	협수로의 최소수심 Least depth in narrow channel				<a href="#">SOUNDG</a>	6	P	<a href="#">5.3</a>		
						<a href="#">QUASOU</a>					

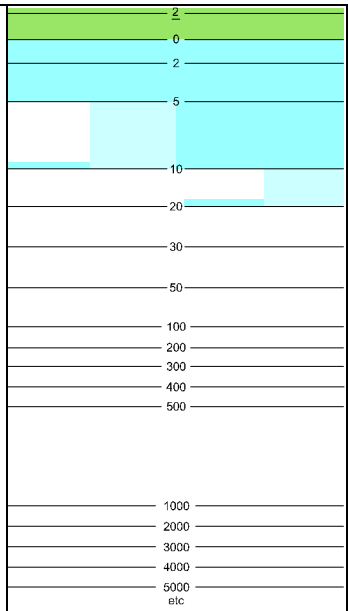
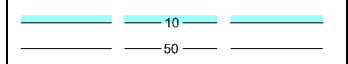
INT1 to S-57/52 for ENC's

13		해저 미달 수심 No bottom found at depth shown			<a href="#">SOUNDG</a>	<a href="#">QUASOU</a>	5	P	<a href="#">5.3</a>		
14		소축척 해도에서 발췌했거나, 믿을수 없는 수심(정체) Soundings taken from old or smaller scale sources			<a href="#">SOUNDG</a>	<a href="#">QUASOU</a> <a href="#">QUAPOS</a>	4 4	P	<a href="#">5.3</a>		
15		기본수준면 이상의 간출높이와 등심선 Drying heights above chart datum			<a href="#">SOUNDG</a>	<a href="#">QUASOU</a>	1	P	<a href="#">5.3</a>		

항로, 구역내의 수심 Depths in Fairways and Areas      수심에 대한 참고도면 Plane of Reference for Depths → <a href="#">IH</a>											
20		준설구역의 경계 Limit of dredged area (major and minor)			<a href="#">DRGARE</a>	<a href="#">DRVAL1</a>		A	<a href="#">5.5</a>		
21		준설수심이 표기된 구역 또는 수로 Dredged channel or area			<a href="#">DRGARE</a>	<a href="#">DRVAL1</a> <a href="#">DRVAL2</a> <a href="#">QUASOU</a>	11	A	<a href="#">5.5</a>		
22		수심과 최근 측량연도가 표기된 구역 또는 수로 Dredged channel or area with year date			<a href="#">DRGARE</a>	<a href="#">DRVAL1</a> <a href="#">DRVAL2</a> <a href="#">QUASOU</a> <a href="#">INFORM</a>	11 year	A	<a href="#">5.5</a>		
23		수심이 유지되는 준설구역, 수로 Dredged channel or area maintained			<a href="#">DRGARE</a>	<a href="#">DRVAL1</a> <a href="#">DRVAL2</a> <a href="#">QUASOU</a>	10	A	<a href="#">5.5</a>		
24		소해구역내 해도기준면하의 수심(최종 소해년도 표기) Swept area			<a href="#">SWPARE</a>	<a href="#">DRVAL1</a> <a href="#">TECSOU</a>	6	A	<a href="#">5.6</a>		

INT1 to S-57/52 for ENC

25		미측량 또는 불충분한 측량구역 <i>Unsurveyed area</i>			<a href="#">UNSARE</a>			A	<a href="#">5.8.1</a> <a href="#">5.8.2</a>		
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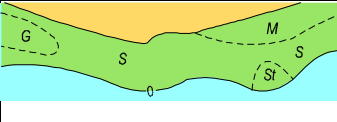
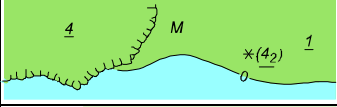
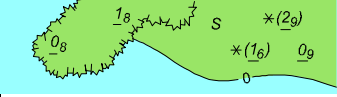
<b>등심선 Depth Contours</b>											
30		간출 등심선 <i>Drying contour</i> 저조선(간조선) <i>Low water line</i>			<a href="#">DEPCNT</a>	<a href="#">VALDCO</a>		L	<a href="#">5.2</a>		
31		개략적인 등심선			<a href="#">DEPCNT</a>	<a href="#">VALDCO</a> <a href="#">QUAPOS</a>	4	L	<a href="#">5.2</a>		

**IJ 해저의 형상 Nature of the Seabed**

저질의 종류 Types of Seabed		암초 Rocks → <a href="#">IK</a>									
1	S	모래 Sand			<a href="#">SBDARE</a>	<a href="#">NATSUR</a>	4	P/A	<a href="#">7.1</a>		
2	M	빔 Mud			<a href="#">SBDARE</a>	<a href="#">NATSUR</a>	1	P/A	<a href="#">7.1</a>		
3	Cy	점토 Clay			<a href="#">SBDARE</a>	<a href="#">NATSUR</a>	2	P/A	<a href="#">7.1</a>		
4	Si	침니 Silt			<a href="#">SBDARE</a>	<a href="#">NATSUR</a>	3	P/A	<a href="#">7.1</a>		
5	St	큰돌 Stones			<a href="#">SBDARE</a>	<a href="#">NATSUR</a>	5	P/A	<a href="#">7.1</a>		
6	G	자갈 Gravel			<a href="#">SBDARE</a>	<a href="#">NATSUR</a>	6	P/A	<a href="#">7.1</a>		
7	P	조약돌 Pebbles			<a href="#">SBDARE</a>	<a href="#">NATSUR</a>	7	P/A	<a href="#">7.1</a>		
8	Cb	조약돌 Cobbles			<a href="#">SBDARE</a>	<a href="#">NATSUR</a>	8	P/A	<a href="#">7.1</a>		
9	R	암반 Rock			<a href="#">SBDARE</a>	<a href="#">NATSUR</a>	9	P/A	<a href="#">7.1</a>		
10	Co	산호 Coral			<a href="#">SBDARE</a>	<a href="#">NATSUR</a>	14	P/A	<a href="#">7.1</a>		
11	Sh	조개껍질 Shells			<a href="#">SBDARE</a>	<a href="#">NATSUR</a>	17	P/A	<a href="#">7.1</a>		
12.1	S/M	이층저질 (예: 모래아래빔) Two layers e.g. Sand over Mud			<a href="#">SBDARE</a>	<a href="#">NATSUR</a>	4/1	P/A	<a href="#">7.1</a>		
12.2	FS.M.Sh	혼합저질, 주성분이 앞에 위치함 Mixed bottom, where the seabed comprises a mixture of materials, the main constituent is given first, e.g. fine Sand with Mud and Shells			<a href="#">SBDARE</a>	<a href="#">NATSUR</a> <a href="#">NATQUA</a>	4,1,17 1,,	P/A	<a href="#">7.1</a>		
13.1	Wd	(해초포함)잡초 Weed (including Kelp)			<a href="#">WEDKLP</a>	<a href="#">CATWED</a>	2	P/A	<a href="#">7.2.2</a>		
13.2		해초 Kelp			<a href="#">WEDKLP</a>	<a href="#">CATWED</a>	1	P/A	<a href="#">7.2.2</a>		
14		모래톱 Sandwaves			<a href="#">SNDWAY</a>			P/L/A	<a href="#">7.2.1</a>		

15		해저용수 Spring in seabed			<a href="#">SPRING</a>			P	<a href="#">7.2.3</a>		
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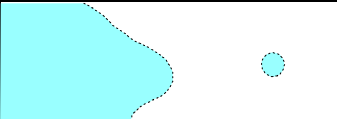

**저질의 종류, 간출지역 Intertidal Areas**

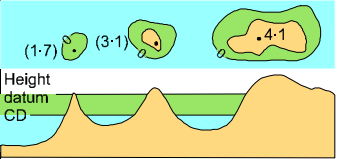
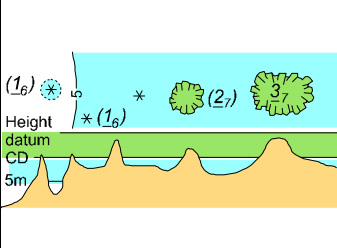
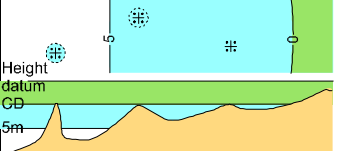
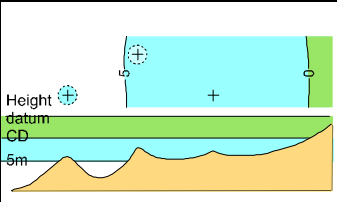
20		큰 돌 또는 자갈구역 Areas of sand and mud with patches of stones or gravel			<a href="#">SBDARE</a>	<a href="#">NATSUR</a> <a href="#">WATLEV</a>	4/1/5/6 4	A	<a href="#">7.1</a>		
21		노, 간출암 구역 Rocky area			<a href="#">SBDARE</a>	<a href="#">NATSUR</a> <a href="#">WATLEV</a>	9 4	A	<a href="#">7.1</a>		
22		노, 간출 산호대 Coral reef			<a href="#">SBDARE</a>	<a href="#">NATSUR</a> <a href="#">WATLEV</a>	14 4	A	<a href="#">7.1</a>		

**수식용어 Qualifying Terms**

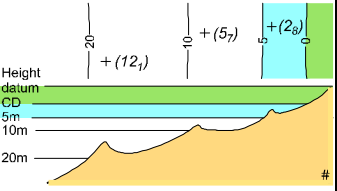
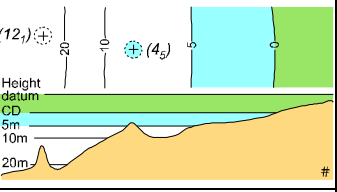
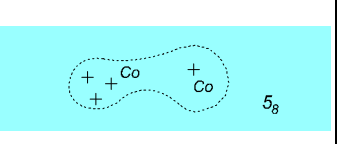

30	f	가는 Fine			<a href="#">SBDARE</a>	<a href="#">NATQUA</a>	1	P/A	<a href="#">7.1</a>		
31	m	중간의 Medium			<a href="#">SBDARE</a>	<a href="#">NATQUA</a>	2	P/A	<a href="#">7.1</a>		
32	c	거친 Coarse			<a href="#">SBDARE</a>	<a href="#">NATQUA</a>	3	P/A	<a href="#">7.1</a>		
33	bk	부서진 Broken			<a href="#">SBDARE</a>	<a href="#">NATQUA</a>	4	P/A	<a href="#">7.1</a>		
34	sy	점성 Sticky			<a href="#">SBDARE</a>	<a href="#">NATQUA</a>	5	P/A	<a href="#">7.1</a>		
35	so	부드러운 Soft			<a href="#">SBDARE</a>	<a href="#">NATQUA</a>	6	P/A	<a href="#">7.1</a>		
36	sf	굳은 Stiff			<a href="#">SBDARE</a>	<a href="#">NATQUA</a>	7	P/A	<a href="#">7.1</a>		
37	v	화산 Volcanic			<a href="#">SBDARE</a>	<a href="#">NATQUA</a>	8	P/A	<a href="#">7.1</a>		
38	ca	석회질의 Calcareous			<a href="#">SBDARE</a>	<a href="#">NATQUA</a>	9	P/A	<a href="#">7.1</a>		
39	h	단단한 hard			<a href="#">SBDARE</a>	<a href="#">NATQUA</a>	10	P/A	<a href="#">7.1</a>		

# IK 암초, 침선, 장애물 Rocks, Wrecks, Obstructions

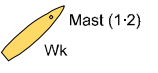
일반사항 General											
1		일반적인 위험 한계선 Danger line			<a href="#">OBSTRN</a>	<a href="#">WATLEV</a> <a href="#">VALSOU</a>	3/4	A/P	<a href="#">6.2.2</a>		
2		와이어 또는 잠수부에 의한 소해 Depth cleared by wire drag sweep				<a href="#">TECSOU</a>	6		<a href="#">2.2.3</a>		

암초 Rocks 수심에대한참고도면 Plane of Reference for Depths → <a href="#">IH</a> 높이에대한참고도면 Plane of Reference for Heights → <a href="#">IH</a>											
10		노출암(고조면상노출) 평균해면 상부의 높이 Rock which does not cover; height above chart datum			<a href="#">LNDARE</a>			P/A	<a href="#">4.1</a>		
					<a href="#">LNDELV</a>	<a href="#">ELEVAT</a>		P	<a href="#">4.7.2</a>		
11		간출암 기본수준면 상부의 높이 Rock which covers and uncovers, height above Chart Datum, where known			<a href="#">UWTROC</a>	<a href="#">VALSOU</a> <a href="#">WATLEV</a> <a href="#">NATSUR</a> <a href="#">QUASOU</a>	4 9 1	P	<a href="#">6.1.2</a>		
					<a href="#">SBDARE</a>	<a href="#">NATSUR</a> <a href="#">WATLEV</a>	9 4	A	<a href="#">7.1</a>		
12		세암기본수준면에서 씻기는 바위 Rock awash at the level of Chart Datum			<a href="#">UWTROC</a>	<a href="#">NATSUR</a> <a href="#">WATLEV</a> <a href="#">VALSOU</a>	9 5 0	P	<a href="#">6.1.2</a>		
13		암암 기본수준면에서 보이지 않고 수심을 알 수 없는 위험한 바위 Underwater rock over which the depth is unknown			<a href="#">UWTROC</a>	<a href="#">NATSUR</a> <a href="#">WATLEV</a> <a href="#">QUASOU</a> <a href="#">VALSOU</a>	9 3 2	P	<a href="#">6.1.2</a>		

INT1 to S-57/52 for ENC's

14		수심이 알려진 위험한 암암 Dangerous underwater rock of known depth			<a href="#">UWTROC</a>	<a href="#">VALSOU</a> <a href="#">NATSUR</a> <a href="#">WATLEV</a> <a href="#">QUASOU</a>	9 3 1	P	<a href="#">6.1.2</a>		
14.1		인접한 등심선체계와 일치하는 경우 Inside the corresponding depth area			<a href="#">UWTROC</a>	<a href="#">VALSOU</a> <a href="#">NATSUR</a> <a href="#">WATLEV</a> <a href="#">QUASOU</a> <a href="#">EXPSOU</a>	9 3 1 1	P	<a href="#">6.1.2</a>		
14.2		인접한 등심선체계와 일치하지 않는 경우 Outside the corresponding depth area			<a href="#">UWTROC</a>	<a href="#">VALSOU</a> <a href="#">NATSUR</a> <a href="#">WATLEV</a> <a href="#">QUASOU</a> <a href="#">EXPSOU</a>	9 3 1 2	P	<a href="#">6.1.2</a>		
15	30 R	항해에 위험하지 않은 수심이 알려진 바위 Underwater rock not dangerous to surface navigation			<a href="#">UWTROC</a>	<a href="#">VALSOU</a> <a href="#">NATSUR</a> <a href="#">WATLEV</a>	9 3	P	<a href="#">6.1.2</a>		
16		수면하에 잠겨있는 산호초 구역 Coral reef which is always covered			<a href="#">OBSTRN</a>	<a href="#">CATOBS</a> <a href="#">WATLEV</a> <a href="#">NATSUR</a> <a href="#">VALSOU</a>	6 3 14	A	<a href="#">6.2.2</a>		
					<a href="#">UWTROC</a>	<a href="#">NATSUR</a> <a href="#">WATLEV</a>	14 3	P	<a href="#">6.1.2</a>		
17		쇄파지대, 천소상부의 쇄파 Breakers			<a href="#">WATTUR</a>	<a href="#">CATWAT</a>	1	P/A	<a href="#">6.4</a>		
					<a href="#">WATTUR</a> <a href="#">SOUNDG</a>	<a href="#">CATWAT</a>	1	P/A	<a href="#">6.4</a>		

**침선 Wrecks** 수심에 대한 참고도면 Plane of Reference for Depths → [IH](#) Historic Wreck → [IN](#)


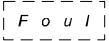
20		노출침선, 대축척 해도 Wreck which does not cover, height			<a href="#">WRECKS</a>	<a href="#">CATWRK</a> <a href="#">WATLEV</a>	5 2	A	<a href="#">6.2.1</a>		
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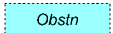






INT1 to S-57/52 for ENC's

		above chart datum			<a href="#">LNDELV</a>	<a href="#">ELEVAT INFORM</a>	mast	P			
21		간출침선, 대축척 해도 Wreck which covers and uncovers, height above chart datum			<a href="#">WRECKS</a>	<a href="#">CATWRK WATLEV VALSOU</a>	4/5 4	A	<a href="#">6.2.1</a>		
22		수심이 알려진 침선, 대축척 해도 Submerged wreck, depth known			<a href="#">WRECKS</a>	<a href="#">CATWRK WATLEV VALSOU</a>	2 5	A	<a href="#">6.2.1</a>		
23		수심을 모르는 침선, 대축척 해도 Submerged wreck, depth unknown			<a href="#">WRECKS</a>	<a href="#">CATWRK WATLEV QUASOU</a>	2 3 2	A	<a href="#">6.2.1</a>		
24		선체나 상부 구조물의 일부가 기본 수준면위로 보이는 침선 Wreck showing any part of hull or superstructure			<a href="#">WRECKS</a>	<a href="#">CATWRK WATLEV</a>	4/5 2/4	P	<a href="#">6.2.1</a>		
25		기본수준면상에서 마스트만 보이는 침선 Wreck of which only the mast(s) only are visible at Chart Datum			<a href="#">WRECKS</a>	<a href="#">CATWRK WATLEV</a>	4 2/4	P	<a href="#">6.2.1</a>		
26		수심측량으로 수심이 알려진 침선 Wreck, obtained by sounding			<a href="#">WRECKS</a>	<a href="#">CATWRK WATLEV VALSOU QUASOU</a>	1 5 6	P	<a href="#">6.2.1</a>		
27		소해측량으로 수심이 알려진 침선 Wreck, swept by wire			<a href="#">WRECKS</a>	<a href="#">CATWRK WATLEV VALSOU QUASOU TECSOU</a>	2 3 6 6	P	<a href="#">6.2.1</a>		
28		수심을 모르는 위험한 침선 Dangerous wreck, depth unknown			<a href="#">WRECKS</a>	<a href="#">CATWRK WATLEV QUASOU</a>	2 3 2	P	<a href="#">6.2.1</a>		



INT1 to S-57/52 for ENC's



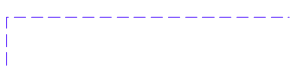
29	⊕	수심 200m 이상이거나 또는 수심을 알 수 없는 위험하지 않은 침선 Non-dangerous wreck, depth unknown			<a href="#">WRECKS</a>	<a href="#">CATWRK</a> <a href="#">WATLEV</a> <a href="#">QUASOU</a>	1 3 2	P	<a href="#">6.2.1</a>		
30		정확한 수심은 알 수 없으나 표기된 수심까지는 안전하다고 생각되는 미측침선 Wreck, depth unknown with safe clearance at depth shown			<a href="#">WRECKS</a>	<a href="#">CATWRK</a> <a href="#">WATLEV</a> <a href="#">VALSOU</a> <a href="#">QUASOU</a>	1/2 3 7	P	<a href="#">6.2.1</a>		
31	# 	침선의 잔해 또는 험악지역으로 통항에는 지장없으나 투묘, 저인망 어업은 피하여야 한다.			<a href="#">OBSTRN</a>	<a href="#">CATOBS</a> <a href="#">WATLEV</a> <a href="#">VALSOU</a> <a href="#">QUASOU</a>	7 3 2	P/A	<a href="#">6.2.2</a>		
					<a href="#">WRECKS</a>	<a href="#">CATWRK</a> <a href="#">WATLEV</a>	3 3				




장애물, 양식장 Obstructions											
수심에대한 참고도면 Plane of Reference for Depths → <a href="#">IH</a> 해초, 수풀 Kelp, Sea Weed → <a href="#">JJ</a> 수중시설 Wells → <a href="#">IL</a>											
40	 Obstn	 Obstn	수심을 알 수 없는 장애물 Obstruction, depth unknown			<a href="#">OBSTRN</a>	<a href="#">WATLEV</a> <a href="#">VALSOU</a> <a href="#">QUASOU</a>	3 2	P/A	<a href="#">6.2.2</a>	
41	 Obstn	 Obstn	측심에 의해 최소수심이 알려진 장애물 Obstruction, depth known			<a href="#">OBSTRN</a>	<a href="#">WATLEV</a> <a href="#">VALSOU</a> <a href="#">QUASOU</a>	3 6			
42	 Obstn	 Obstn	소해작업에 의해 최소수심이 알려진 장애물 Obstruction swept by wire drag			<a href="#">OBSTRN</a>	<a href="#">WATLEV</a> <a href="#">VALSOU</a> <a href="#">QUASOU</a> <a href="#">TECSOU</a>	3 6 6	P/A	<a href="#">6.2.2</a> <a href="#">6.3.1</a>	
43.1	 Obstn		완전히 물에 잠긴 그루터기의 기둥 또는 파일 Stump of posts or piles, wholly submerged			<a href="#">OBSTRN</a>	<a href="#">CATOBS</a> <a href="#">WATLEV</a> <a href="#">VALSOU</a>	1 3	P/A	<a href="#">6.2.2</a>	

INT1 to S-57/52 for ENCs

43.2		물에 잠긴 파일, 말뚝, 나무, 우물 또는 그루터기 Submerged, pile, stake etc.			<a href="#">OBSTRN</a>	<a href="#">CATOBS</a> <a href="#">WATLEV</a> <a href="#">VALSOU</a> <a href="#">QUAPOS</a>	1 3 1	P	<a href="#">6.2.2</a>		
44.1		어책(말뚝) Fishing stakes			<a href="#">FSHFAC</a>	<a href="#">CATFIF</a>	1	L	<a href="#">11.9.1</a>		
44.2		알려진 어망구역, 정치망 Fish trap, fish weir, tunny nets			<a href="#">FSHFAC</a>	<a href="#">CATFIF</a>	2/3/4	A/P	<a href="#">11.9.1</a>		
45	 	넓은 구역의 어망, 정치망 Fish trap area, tunny nets area			<a href="#">FSHFAC</a>	<a href="#">CATFIF</a>	2/4	A	<a href="#">11.9.1</a>		
46.1	 	어초구역 Fish haven			<a href="#">OBSTRN</a>	<a href="#">CATOBS</a> <a href="#">WATLEV</a> <a href="#">VALSOU</a> <a href="#">QUASOU</a>	5 3 2	P/A	<a href="#">6.2.2</a> <a href="#">11.9.3</a>		
46.2	 	최소수심이 표기된 어초구역 Fish haven, depth known			<a href="#">OBSTRN</a>	<a href="#">CATOBS</a> <a href="#">WATLEV</a> <a href="#">VALSOU</a> <a href="#">QUASOU</a>	5 3 1	P/A	<a href="#">6.2.2</a> <a href="#">11.9.3</a>		
47		패류 양식장 Shellfish beds			<a href="#">MARCUL</a>	<a href="#">CATMFA</a> <a href="#">WATLEV</a> <a href="#">VALSOU</a>	1/2 3??	P/A	<a href="#">11.9.2</a>		
48.1		어장(대축척해도) Marine farm (large-scale charts)			<a href="#">MARCUL</a>	<a href="#">CATMFA</a> <a href="#">WATLEV</a> <a href="#">VALSOU</a>	3 3/4	P/A	<a href="#">11.9.2</a>		
48.2		어장(소축척 해도) Marine farm (small-scale charts)			<a href="#">MARCUL</a>	<a href="#">CATMFA</a> <a href="#">WATLEV</a> <a href="#">VALSOU</a>	3 3/4	P	<a href="#">11.9.2</a>		





## IL 연근해시설 Offshore Installations


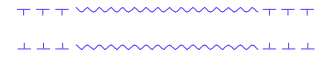

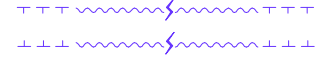

유전, 천연가스 ilfields and gasfields    구역, 한계 Areas, Limits → IN											
1	EKOFISK OILFIELD	유전 또는 천연가스 유전의 명칭 Name of oilfield or gasfield			<a href="#">OSPARE</a>	<a href="#">PRODCT OBJNAM</a>	1/2		<a href="#">11.7.4</a>		
2	 Z-44	시추선, 시추대의 명칭 Platform with designation/name			<a href="#">OFSPPLF</a>	<a href="#">CATOFP OBJNAM</a>	2	P	<a href="#">11.7.2</a>		
3		제한구역이 설정된 시설물 Limit of safety zone around offshore installations			<a href="#">RESARE</a>	<a href="#">CATREA RESTRN</a>	1 8	A	<a href="#">11.7.3</a>		
4		개발구역의 한계 Limit of development area			<a href="#">OSPARE</a>	<a href="#">PRODCT RESTRN</a>	1/2	A	<a href="#">11.7.4</a>		

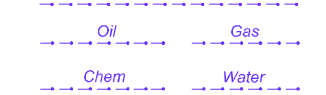
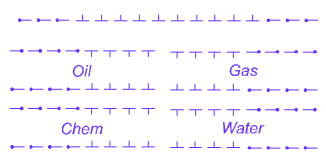
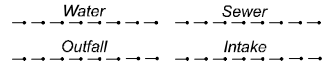
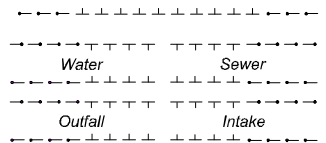
시추선 및 계류시설 Platforms and Moorings    계선부표 Mooring Buoys → IQ											
10		시추생산 공장, 시추선(대), 유정탑 Production platform, Platform, Oil derrick			<a href="#">OFSPPLF</a>	<a href="#">CATOFP</a>	1/2	P	<a href="#">11.7.2</a>		
11	 Fla	화염연돌(해상) Flare stack at sea			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a>	6	P	<a href="#">11.7.6</a>		
					<a href="#">OFSPPLF</a>	<a href="#">CATOFP</a>	2	P	<a href="#">11.7.2</a>		
12	 SPM	SPM, SALM, ALC 시설이 있는 단일 지점에 고정된 시설 Single Point Mooring including SALM and ALP			<a href="#">OFSPPLF</a>	<a href="#">CATOFP</a>	4/5	P	<a href="#">11.7.2</a>		
13		관측/조사용 플랫폼 Observation platform			<a href="#">OFSPPLF</a>	<a href="#">CATOFP</a>	3	P	<a href="#">11.7.2</a>		
14		상부가 제거된 폐지된 플랫폼 Disused platform			<a href="#">OFSPPLF</a>	<a href="#">CATOFP</a>	2	P	<a href="#">11.7.2</a>		
						<a href="#">STATUS</a>	4				

INT1 to S-57/52 for ENC's

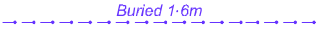
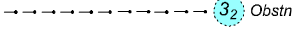
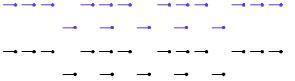
15		인공섬 Artificial island			<a href="#">OFSPLF</a>	<a href="#">CATOFP</a> <a href="#">OBJNAM</a>	7	P/A	<a href="#">11.7.2</a>		
16		계류부표 Tanker mooring			<a href="#">BOYINB</a>	<a href="#">BOYSHP</a> <a href="#">CATINB</a> <a href="#">COLOUR</a>	7 1/2	P	<a href="#">11.7.5</a>		
17		계류용 저장 탱크 Moored storage tanker			<a href="#">OFSPLF</a>	<a href="#">CATOFP</a>	8	P	<a href="#">11.7.2</a>		

수중시설 Underwater Installations    수심에 대한 참고도면 Plane of Reference for Depths → <a href="#">IH</a> 장애물 Obstructions → <a href="#">IK</a>											
20		해저우물 Production well, with depth where known			<a href="#">OBSTRN</a>	<a href="#">CATOBS</a> <a href="#">WATLEV</a> <a href="#">VALSOU</a>	2 3	P	<a href="#">11.7.1</a>		
21.1		상부의 수심을 모르는 해저우물 Suspended well			<a href="#">OBSTRN</a>	<a href="#">CATOBS</a> <a href="#">WATLEV</a> <a href="#">VALSOU</a> <a href="#">QUASOU</a> <a href="#">STATUS</a>	2 3 2 4	P	<a href="#">11.7.1</a>		
21.2		상부의 수심이 알려진 해저우물 Suspended well, depth known			<a href="#">OBSTRN</a>	<a href="#">CATOBS</a> <a href="#">WATLEV</a> <a href="#">VALSOU</a> <a href="#">STATUS</a>	2 3 4	P	<a href="#">11.7.1</a>		
21.3		해저면에서 우물상단까지의 높이 Suspended well with height of wellhead above the seabed			<a href="#">OBSTRN</a>	<a href="#">CATOBS</a> <a href="#">WATLEV</a> <a href="#">VALSOU</a> <a href="#">VERLEN</a> <a href="#">STATUS</a>	2 3 4	P	<a href="#">11.7.1</a>		
22		플랫폼의 정확한 위치 Site of cleared platform			<a href="#">OBSTRN</a>	<a href="#">CATOBS</a> <a href="#">WATLEV</a> <a href="#">VALSOU</a>	7	P	<a href="#">11.7.1</a>		
23		수면위로 나타난 우물상부 Above water wellhead			<a href="#">OBSTRN</a>	<a href="#">CATOBS</a> <a href="#">WATLEV</a> <a href="#">HEIGHT</a>	2 2	P	<a href="#">11.7.1</a>		

<b>해저케이블 Submarine Cables</b>											
30.1		해저선 Submarine cable			<a href="#">CBLSUB</a>	<a href="#">CATCBL</a>		L	<a href="#">11.5.1</a>		
30.2		해저선 구역 Submarine cable area			<a href="#">CBLARE</a>	<a href="#">CATCBL RESTRN</a>		A	<a href="#">11.5.3</a>		
31.1		해저전력선 Submarine power cable			<a href="#">CBLSUB</a>	<a href="#">CATCBL</a>	1	L	<a href="#">11.5.1</a>		
31.2		해저전력선 구역 Submarine power cable area			<a href="#">CBLARE</a>	<a href="#">CATCBL RESTRN</a>	1	A	<a href="#">11.5.3</a>		
32		폐기된 해저케이블 Disused submarine cable			<a href="#">CBLSUB</a>	<a href="#">CATCBL STATUS</a>	4	L	<a href="#">11.5.1</a>		








<b>해저수송관 Submarine Pipelines</b>											
40.1		해저수송관 Supply pipelines			<a href="#">PIPSOL</a>	<a href="#">CATPIP PRODCT</a>	6 1/2/3/7	L	<a href="#">11.6.1</a>		
40.2		해저수송관 구역 Supply pipelines, area			<a href="#">PIPARE</a>	<a href="#">CATPIP PRODCT RESTRN</a>	6 1/2/3/7	A	<a href="#">11.6.4</a>		
41.1		배출관, 취수관 Discharge pipe			<a href="#">PIPSOL</a>	<a href="#">CATPIP PRODCT</a>	2/3/4 3	L	<a href="#">11.6.1</a>		
41.2		배출관, 취수관 구역 Discharge pipe, area			<a href="#">PIPSOL</a>	<a href="#">CATPIP PRODCT RESTRN</a>	2/3/4 3	A	<a href="#">11.6.4</a>		

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42		매설수송관(매설깊이 표기) Buried pipeline/pipe (with nominal depth to which buried)			<a href="#">PIPSOL</a>	<a href="#">BURDEP</a>		L	<a href="#">11.6.1</a>		
43		방류구 Diffuser			<a href="#">OBSTRN</a>	<a href="#">CATOBS</a> <a href="#">WATLEV</a> <a href="#">VALSOU</a>	3 3	P	<a href="#">11.6.2</a>		
44		폐기 수송관 Disused pipelines/pipe			<a href="#">PIPSOL</a>	<a href="#">STATUS</a>	4	L	<a href="#">11.6.1</a>		

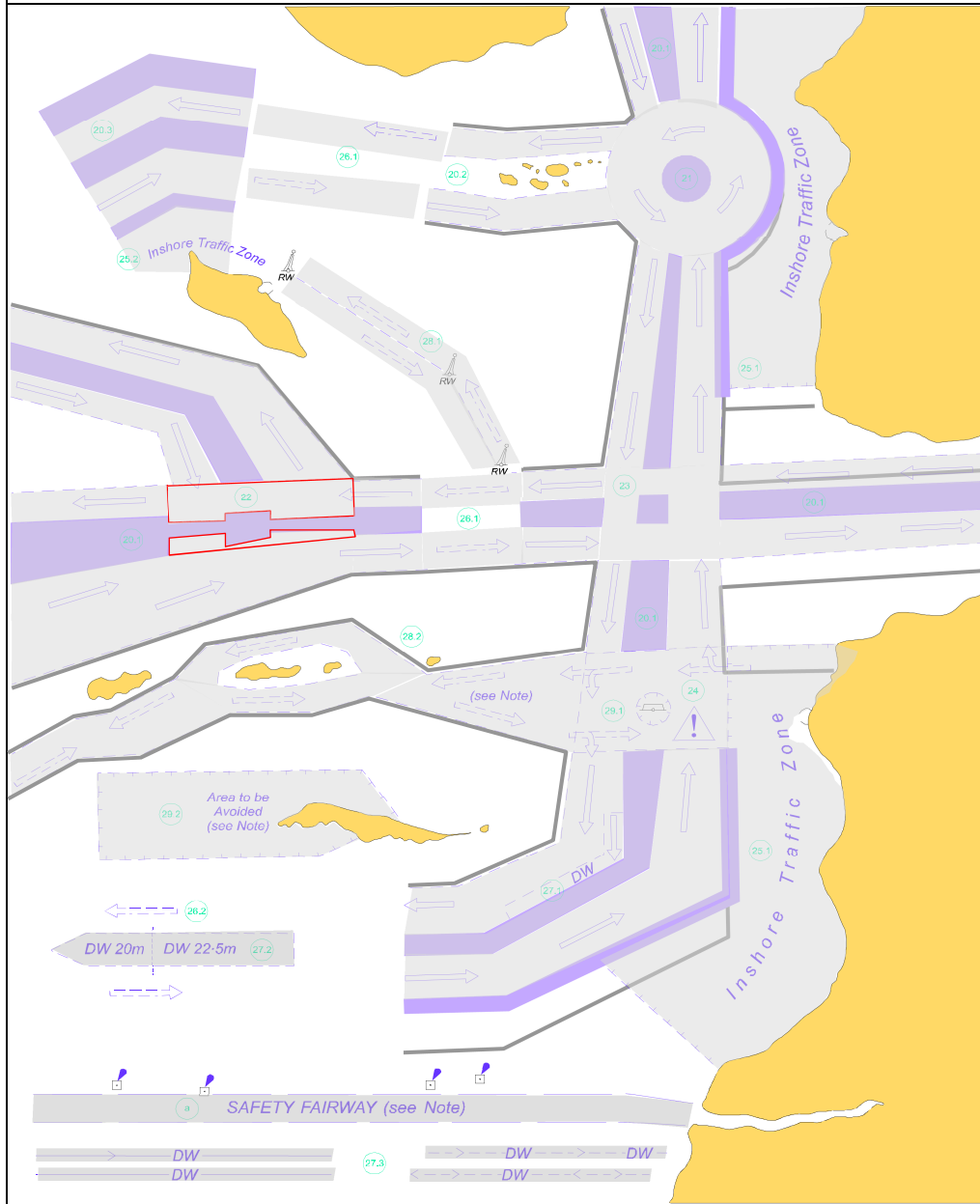
# IM 항로 Tracks, Routes





항로 Tracks      등화로 나타내는 항로 Tracks Marked by Lights → IP      입표지도선 Leading Beacons → IQ											
1	<p>2 Bns # 270-5°</p> <p>2 Bns # 270-5°</p>	<p>지도선</p> <p>Recommended track on leading line</p>			NAVLINE	CATNAV ORIENT	3	L	10.1.1		
					RECTRC	CATTRK ORIENT TRAFIC	1	L	10.1.1		
2	<p>2 Bns # 270-5°</p> <p>Island open of Headland 270-5°</p>	<p>중시선, 피험선</p> <p>Transit / clearing line</p>			NAVLINE	CATNAV ORIENT		L	10.1.1		
3	<p>2 Bns # 090-270°</p>	<p>고정물표에 의한 추천항로</p> <p>Recommended track based on a system of fixed marks</p>			RECTRC	CATTRK ORIENT TRAFIC	1	L	10.1.1		
4	<p>090°-270°</p>	<p>고정물표에 의하지 않는 추천항로</p> <p>Recommended track not based on a system of fixed marks</p>			RECTRC	CATTRK ORIENT TRAFIC	2	L	10.1.1		
5.1		<p>고정물표에 의한 일방향항로와 DW 항로</p> <p>One way track combined with routing element</p>			RECTRC	CATTRK ORIENT TRAFIC	1 or 3	L	10.1.1		
5.2	<p>SEE NOTE</p> <p>SEE NOTE</p>	<p>고정물표에 의하지 않는 일방향항로와 DW 항로</p> <p>Two way track combined with routing element (including a regulation described in a note)</p>			RECTRC	CATTRK ORIENT TRAFIC TXTDSC INFORM	4	L	10.1.1		
6	<p>&lt; 7.3m &gt;</p> <p>&lt; 7.3m &gt;</p>	<p>지정된 최대허용 흘수선의 추천항로</p> <p>Recommended track with maximum authorised draught</p>			RECTRC	CATTRK ORIENT TRAFIC INFORM	4	L	10.1.1		


지정항로 Routing Measures – 기본기호 Basic Symbols											
10		지정 통항방향(강제적) Established direction of traffic flow			<a href="#">TSSLPT</a>	<a href="#">CATTSS</a> <a href="#">ORIENT</a>		A	<a href="#">10.2.1.1</a>		
11		추천 통항방향 Recommended direction of traffic flow			<a href="#">RCTLPT</a>	<a href="#">ORIENT</a> <a href="#">STATUS</a>		P/A	<a href="#">10.2.5</a>		
12		통항분리선 Separation line			<a href="#">TSELNE</a>	<a href="#">CATTSS</a>		L	<a href="#">10.2.1.3</a>		
13		통항분리대 Traffic Separation Zone			<a href="#">TSEZNE</a>	<a href="#">CATTSS</a>		A	<a href="#">10.2.1.4</a>		
14		통항제한의 한계(예: 연안통항대, 접근제한구역) Limit of restricted area (e.g. Inshore Traffic Zone)			<a href="#">ISTZNE</a>	<a href="#">CATTSS</a>	1/2	L/A	<a href="#">10.2.1.7</a>		
15		통항분리의 외측 경계 Limit of routeing measure			<a href="#">TSSBND</a>	<a href="#">CATTSS</a>		L	<a href="#">10.2.1.2</a>		
16	 <span style="color: blue;">Precautionary Area</span>	주의구역 Precautionary Area			<a href="#">PRCARE</a>	<a href="#">INFORM</a> <a href="#">TXTDSC</a>		A	<a href="#">10.2.1.8</a>		
a		통항 분리방식, 통항분리대에 의한 통항구분 TSS, roundabout			<a href="#">TSSRON</a>	<a href="#">CATTSS</a>		A	<a href="#">10.2.1.6</a>		
b		교차형 통항 분리방식 TSS, crossing			<a href="#">TSSCRS</a>	<a href="#">CATTSS</a>		A	<a href="#">10.2.1.5</a>		
c		대형출수선이 아닌 일반선박을 위한 추천통항방향 Deep Water Route Area			<a href="#">DWRTPT</a>	<a href="#">TRAFIC</a> <a href="#">ORIENT</a> <a href="#">DRVAL1</a>		A	<a href="#">10.2.2.1</a>		
d		일방 또는 양방향의 추천항로선을 중앙선으로 하는 대형출수선 통항로 Deep Water Route Centreline			<a href="#">DWRTCL</a>	<a href="#">TRAFIC</a> <a href="#">ORIENT</a> <a href="#">CATTRK</a>		L	<a href="#">10.2.2.2</a>		
e		부분적인 일방통항로가 있는 양방통항로 Two-way deep water route			<a href="#">TWRTPT</a>	<a href="#">CATTRK</a> <a href="#">TRAFIC</a> <a href="#">ORIENT</a>		L/A	<a href="#">10.2.2.2</a>		
f		안전항로 Safety Fairway			FAIRWY	<a href="#">INFORM</a> <a href="#">TXTDSC</a>			<a href="#">10.4</a>		

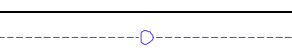



지정항로의 예 Examples of Routing Measures



레이다탐지체계 Radar Surveillance System										
30	 Radar Surveillance Station	레이다 탐지국 Radar traffic surveillance station			<a href="#">RADSTA</a>	<a href="#">CATRAS</a>	1	P	<a href="#">12.11.3</a>	
31		레이다탐지영역 Radar range			<a href="#">RADRNG</a>	<a href="#">OBJNAM</a>		A	<a href="#">12.11.1</a>	
32.1		레이다유도선 Radar reference line			<a href="#">RADLNE</a>	<a href="#">ORIENT</a>		L	<a href="#">12.11.2</a>	
32.2		지도선과 일치하는 레이다유도선 Radar reference line coinciding with a leading line			<a href="#">RADLNE</a>	<a href="#">ORIENT</a>		L	<a href="#">12.11.2</a>	
					<a href="#">NAVLNE</a>	<a href="#">CATNAV</a> <a href="#">ORIENT</a>	3	L	<a href="#">10.1.1</a>	
					<a href="#">RECTRC</a>	<a href="#">CATTRK</a> <a href="#">ORIENT</a> <a href="#">TRAFIC</a>	4	L	<a href="#">10.1.1</a>	

무선보고지점 Radio Reporting										
40		명칭, VHF 이용채널과 선박의 통항방향이 표기된 무선보고지점 Radio calling-in point, way point or reporting point (with designation, if any) showing direction(s) of vessel movement			<a href="#">RDOCAL</a>	<a href="#">ORIENT</a> <a href="#">TRAFIC</a> <a href="#">OBJNAM</a>		P/L	<a href="#">12.13</a>	





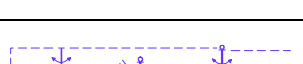
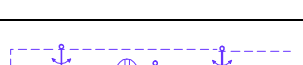
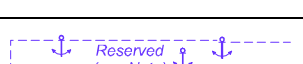


도선항로 Ferries										
50		도선항로 Ferry			<a href="#">FERYRT</a>	<a href="#">CATFRY</a>	1	L/A	<a href="#">10.3</a>	
51		무선보고선 Cable ferry			<a href="#">FERYRT</a>	<a href="#">CATFRY</a>	2	L/A	<a href="#">10.3</a>	


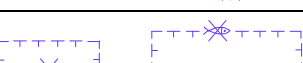
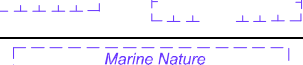
## IN 구역,한계 Areas, Limits

일반사항 General 준설과 소해구역 Dredged and Swept Areas → II 해저선, 해저관 Submarine Cables, Submarine Pipelines → IL 항로, 지정항로 Tracks Routes → IM											
1.1		일반적으로 영구적인 해상한계 Maritime limit in general, usually implying physical obstructions									
1.2		일반적으로 비영구적인 해상한계 Maritime limit in general, usually implying no physical obstructions									
2.1		제한구역의 경계 Limit of restricted area			<a href="#">RESARE</a>	<a href="#">RESTRN CATREA</a>		A	<a href="#">11.1</a>		
2.2		진입금지구역의 경계 Limit of restricted area into which entry prohibited			<a href="#">RESARE</a>	<a href="#">RESTRN CATREA</a>	7	A	<a href="#">11.1</a>		

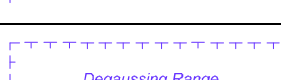

요박지 Anchorages, Anchorage Areas											
10		추천요박지(구역표시 없음) Recommended anchorage			<a href="#">ACHARE</a>	<a href="#">CATACH STATUS</a>	1 3	P/A	<a href="#">9.2.1</a>		
11.1		지정요박지 Anchor berths			<a href="#">ACHBRT</a>	<a href="#">CATACH STATUS OBJNAM</a>	1 1/3	P	<a href="#">9.2.2</a>		
11.2		선박의 선회영역과 지정요박지 Anchor berths with swinging circle			<a href="#">ACHBRT</a>	<a href="#">CATACH RADIUS OBJNAM</a>	1	P	<a href="#">9.2.2</a>		
12.1		일반 요박지 Anchorage area in general			<a href="#">ACHARE</a>	<a href="#">CATACH</a>	1	A	<a href="#">9.2.1</a>		
12.2		번호지정 요박지 Numbered anchorage area			<a href="#">ACHARE</a>	<a href="#">CATACH OBJNAM</a>	1	A	<a href="#">9.2.1</a>		




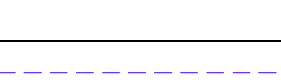

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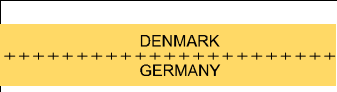

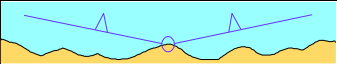






12.3		명칭지정 묘박지 Named anchorage area			<a href="#">ACHARE</a>	<a href="#">CATACH OBJNAM</a>	1	A	<a href="#">9.2.1</a>		
12.4		대형 흘수선용 묘박지 Deep water anchorage area			<a href="#">ACHARE</a>	<a href="#">CATACH</a>	2	A	<a href="#">9.2.1</a>		
12.5		유조선 묘박지 Tanker anchorage area			<a href="#">ACHARE</a>	<a href="#">CATACH</a>	3	A	<a href="#">9.2.1</a>		
12.6		24 시간 제한묘박지 Anchorage area for periods up to 24 hours			<a href="#">ACHARE</a>	<a href="#">CATACH</a>	9	A	<a href="#">9.2.1</a>		
12.7		폭발물 운반선 묘박지 Explosives anchorage area			<a href="#">ACHARE</a>	<a href="#">CATACH</a>	4	A	<a href="#">9.2.1</a>		
12.8		검역 묘박지 Quarantine anchorage area			<a href="#">ACHARE</a>	<a href="#">CATACH</a>	5	A	<a href="#">9.2.1</a>		
12.9		예비 묘박지 Reserved anchorage area			<a href="#">ACHARE</a>	<a href="#">STATUS INFORM TXTDSC</a>	6	A	<a href="#">9.2.1</a>		
13		수상비행기 착륙구역 Seaplane landing area			<a href="#">SPLARE</a>			A	<a href="#">11.12</a>		
14		수상비행기용 정박지 Anchorage for seaplanes			<a href="#">ACHARE</a>	<a href="#">CATACH</a>	6	P	<a href="#">9.2.1</a>		

<b>Restricted Areas</b>											
20		묘박금지 Anchoring prohibited			<a href="#">RESARE</a>	<a href="#">RESTRN</a>	1	A	<a href="#">11.1</a>		
21		어로금지 Fishing prohibited			<a href="#">RESARE</a>	<a href="#">RESTRN</a>	3	A	<a href="#">11.1</a>		
22		해양보호 Limit of nature reserve			<a href="#">RESARE</a>	<a href="#">CATREA RESTRN INFORM TXTDSC</a>	4	A	<a href="#">11.1</a>		

INT1 to S-57/52 for ENC

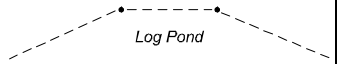
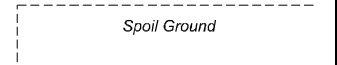
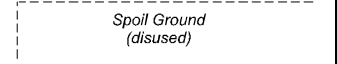



23.1		폭발물 투하구역, 개별 폭발물 Explosives dumping ground			<a href="#">DMPGRD</a>	<a href="#">CATDPG</a>	4	A	<a href="#">11.4</a>		
23.2		(폐기된) 폭발물 투하구역 Explosives dumping ground (disused)			<a href="#">DMPGRD</a>	<a href="#">CATDPG STATUS RESTRN</a>	4 4	A	<a href="#">11.4</a>		
24		폐기화학물 투하구역 Dumping ground for chemical waste			<a href="#">DMPGRD</a>	<a href="#">CATDPG RESTRN</a>	2	A	<a href="#">11.4</a>		
25		소자(消磁)구역 Degaussing range			<a href="#">RESARE</a>	<a href="#">CATREA RESTRN</a>	8	A	<a href="#">11.1</a>		
26		역사적인 침선과 그 제한구역 Historic wreck			<a href="#">RESARE</a>	<a href="#">CATREA RESTRN</a>	10	A	<a href="#">11.1</a>		

<b>Military Practice Areas</b>											
30		사격훈련구역 Firing practice area			<a href="#">MIPARE</a>	<a href="#">CATMPA RESTRN</a>	4	A	<a href="#">11.3.1</a>		
31		진입금지된 군사제한구역 Military restricted area			<a href="#">RESARE</a>	<a href="#">CATREA RESTRN</a>	9 7	A	<a href="#">11.1</a>		
32		기뢰부설구역(연습용기뢰 존재 등) Mine laying practice area			<a href="#">MIPARE</a>	<a href="#">CATMPA</a>	5	A	<a href="#">11.3.1</a>		
33		잠수함 통행로 Submarine transit line			<a href="#">SUBTLN</a>			A	<a href="#">11.3.2</a>		
		잠수함 연습구역 Submarine exercise area			<a href="#">MIPARE</a>	<a href="#">CATMPA INFORM TXTDSC</a>	3	A	<a href="#">11.3.1</a>		
34		기뢰부설 Minefield			<a href="#">RESARE</a>	<a href="#">CATREA RESTRN INFORM TXTDSC</a>	14	A	<a href="#">11.3.3</a>		

국제적 경계와 국내적 경계 <i>International Boundaries and National Limits</i>											
40		육상의 국경선 <i>International boundary on land</i>			<a href="#">ADMARE</a>	<a href="#">JRSDTN</a> <a href="#">OBJNAM</a> <a href="#">NATION</a>	2	A	<a href="#">11.2.1</a>		
41		해상의 국경선 <i>International maritime boundary</i>			<a href="#">TESARE</a>	<a href="#">NATION</a>		A	<a href="#">11.2.4</a>		
42		직선기선 <i>Straight territorial sea boundary</i>			<a href="#">STSLNE</a>	<a href="#">NATION</a>		A	<a href="#">11.2.4</a>		
43		영해 한계선 <i>Limit of territorial sea</i>			<a href="#">TESARE</a>	<a href="#">NATION</a>		A	<a href="#">11.2.4</a>		
44		인접지역의 바다쪽 한계 <i>Limit of contiguous zone</i>			<a href="#">CONZNE</a>	<a href="#">NATION</a>		A	<a href="#">11.2.5</a>		
45		어업수역 한계선 <i>National fishery limits</i>			<a href="#">FSHZNE</a>	<a href="#">NATION</a> <a href="#">INFORM</a>		A	<a href="#">11.2.6</a>		
46		대륙붕의 한계선 <i>Limit of Continental Shelf</i>			<a href="#">COSARE</a>	<a href="#">NATION</a>		A	<a href="#">11.2.7</a>		
47		배타적 경제수역 한계 <i>Limit of Exclusive Economic Zone</i>			<a href="#">EXEZNE</a>	<a href="#">NATION</a>		A	<a href="#">11.2.8</a>		
48		Customs limit			<a href="#">CUSZNE</a>	<a href="#">NATION</a>		A	<a href="#">11.2.2</a>		
49		항계 Harbour limit			<a href="#">HRBARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">9.1.1</a>		

여러가지 한계 <i>Various Limits</i>											
60.1		빙하한계 <i>Limit of fast ice</i>			<a href="#">ICEARE</a>	<a href="#">CATICE</a>	1	A	<a href="#">11.13.1</a>		
60.2		해빙의 한계 <i>Limit of sea ice</i>			<a href="#">ICEARE</a>	<a href="#">CATICE</a>	8	A	<a href="#">11.13.1</a>		

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61		부상방책 Log pond			<a href="#">LOGPON</a>			A	<a href="#">11.13.2</a>		
62.1		토사투기장 Spoil ground			<a href="#">DMPGRD</a>	<a href="#">CATDPG</a>	5	A	<a href="#">11.8</a>		
62.2		(폐기된) 토사투기장 Spoil ground (disused)	)		<a href="#">DMPGRD</a>	<a href="#">CATDPG STATUS</a>	5 4	A	<a href="#">11.8</a>		
63		준설구역 Dredging area			<a href="#">RESARE</a>	<a href="#">CATREA</a>	21	A	<a href="#">5.5</a>		
64		환적구역 Cargo transhipment area			<a href="#">CTSARE</a>			A	<a href="#">11.13.4</a>		
65		소각구역 Incineration area			<a href="#">ICNARE</a>			A	<a href="#">11.13.3</a>		

## IO 수로용어 Hydrographic Terms

수로용어 Hydrographic Terms										
1		대양 Ocean			<a href="#">SEAARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">8</a>	
2		바다 Sea			<a href="#">SEAARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">8</a>	
3	G.	만 Gulf			<a href="#">SEAARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">8</a>	
4	B.	만 Bay			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	5	A	<a href="#">8</a>	
5	Fj.	피요르드, 협강 Fjord			<a href="#">SEAARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">8</a>	
6	L.	호수 Lake, Loch, Lough			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	52	A	<a href="#">4.7.8</a>	
7	Cr.	샨강 Creek			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	53?	A	<a href="#">4.7.6</a>	
8	Lag.	늪 Lagoon			<a href="#">SEAARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">8</a>	
9	C.	만 Cove			<a href="#">SEAARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">8</a>	
10	Int.	포 Inlet			<a href="#">SEAARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">8</a>	
11	Str.	해협 Strait			<a href="#">SEAARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">8</a>	
12	Sd.	작은해협, 만 Sound			<a href="#">SEAARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">8</a>	
13	Pass.	통항로 Passage			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>		A	<a href="#">8</a>	
14	Chan.	수로 Channel			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>		A	<a href="#">8</a>	
15	Nrs.	협수로 Narrows			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	12	A	<a href="#">8</a>	
16	Ent.	입구 Entrance			<a href="#">SEAARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">8</a>	
17	Est.	하구 Estuary			<a href="#">SEAARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">8</a>	



## INT1 to S-57/52 for ENCs

18		삼각주 Delta			<a href="#">SEAARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">8</a>		
19		작은 하구 Mouth			<a href="#">SEAARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">8</a>		
20	Rds.	묘박지 Roads, Roadstead			<a href="#">SEAARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">8</a>		
21	Anch.	정박지 Anchorage			<a href="#">ACHARE</a>	<a href="#">CATACH</a>		A	<a href="#">9.2.1</a>		
22	App.	접근수로, 입구 Approach			<a href="#">SEAARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">8</a>		
23	Bk.	퇴적대 Bank			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	3	A	<a href="#">8</a>		
25	Sh.	Shoal			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	13	A	<a href="#">8</a>		
26	Rf.	산호초 Reef			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	9	A	<a href="#">8</a>		
27	Rk.	암초 Sunken Rock			<a href="#">UWTROC</a>	<a href="#">WATLEV</a> <a href="#">VALSOU</a>	3	P	<a href="#">6.1.2</a>		
28	Le.	암봉 Ledge			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	10	A	<a href="#">8</a>		
29		뿔족한 Pinnacle			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	17	A	<a href="#">8</a>		
30		해령 Ridge			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	15	A	<a href="#">8</a>		
31		오름 Rise			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	43	A	<a href="#">8</a>		
32	Mtn.	산 Mountain			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	40	A	<a href="#">8</a>		
33	SMT	Seamount			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	16	A	<a href="#">8</a>		
34		해산 Seamount chain			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	45	A	<a href="#">8</a>		
35	Pk.	봉우리 Peak			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	41	A	<a href="#">8</a>		
36		작은산 Knoll			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	14	A	<a href="#">8</a>		

INT1 to S-57/52 for ENCs

37		심해에 솟은 언덕 Abysall hill			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	24	A	<a href="#">8</a>		
38		정상부가 평평한 해산 Tablemount			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	34	A	<a href="#">8</a>		
39		고원 Plateau			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	19	A	<a href="#">8</a>		
40		계단식 지형 Terrace			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	49	A	<a href="#">8</a>		
41		돌출부(바위, 산따위) Spur			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	20	A	<a href="#">8</a>		
42		대륙붕 Continental shelf			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	21	A	<a href="#">8</a>		
43		모래톱 가장자리 Shelf edge			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	46	A	<a href="#">8</a>		
44		비탈, 사면, 경사 Slope			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	48	A	<a href="#">8</a>		
45		대륙사면 Continental slope			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	48	A	<a href="#">8</a>		
46		대륙대 Continental rise			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	29	A	<a href="#">8</a>		
47		대륙경계지역 Continental borderland			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	27	A	<a href="#">8</a>		
48		해분 Basin			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	7	A	<a href="#">8</a>		
49		심해평원 Abyssal plain			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	18	A	<a href="#">8</a>		
50		내천의 웅덩이 Hole			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	36	A	<a href="#">8</a>		
51		깊은 도랑 Trench			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	6	A	<a href="#">8</a>		
52		해구 Trough			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	22	A	<a href="#">8</a>		
53		골짜기, 계곡 Valley			<a href="#">SEAARE</a>	<a href="#">CATSEA OBJNAM</a>	50	A	<a href="#">8</a>		

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54		중앙의 계곡 Median Valley			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	38	A	<a href="#">8</a>		
55		깊은 협곡 Canyon			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	11	A	<a href="#">8</a>		
56		해로 Seachannel			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	44	A	<a href="#">8</a>		
57		해자, 성밖으로 둘러싼 못 Moat, Sea moat			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	39	A	<a href="#">8</a>		
58		부채꼴의 해저협곡 Fan			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	31	A	<a href="#">8</a>		
59		보호판 Apron			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	25	A	<a href="#">8</a>		
60		균열지대 Fracture zone			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	32	A	<a href="#">8</a>		
61		남떠러지 Scarp, Escarpment			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	30	A	<a href="#">8</a>		
62		관입암상 Sill			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	47	A	<a href="#">8</a>		
63		골짜기 Cap			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	33	A	<a href="#">8</a>		
64		산등성이, 산마루 Saddle			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	23	A	<a href="#">8</a>		
65		제방 Levee			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	37	A	<a href="#">8</a>		
66		해저동형구 Province			<a href="#">SEAARE</a>	<a href="#">CATSEA</a> <a href="#">OBJNAM</a>	42	A	<a href="#">8</a>		
67		조류도 Tideway, Tidal gully			<a href="#">TIDEWY</a>			L/A	<a href="#">7.2.4</a>		
68		Sidearm			<a href="#">SEAARE</a>	<a href="#">OBJNAM</a>		A	<a href="#">8</a>		

<i>기타용어 Other Terms</i>											
80		계획중 Projected				<a href="#">CONDTN</a>	5				

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81		(불빛이) 켜진 <i>lighted</i>				<a href="#">STATUS</a>	12				
82		부유의, 부상의 <i>buoyed</i>				<a href="#">INFORM</a>					
83		뚜렷한, 현저한 <i>marked</i>				<a href="#">INFORM</a>					
84		구형의, 구식의 <i>ancient</i>				<a href="#">INFORM</a>					
85		거리 <i>distant</i>				<a href="#">INFORM</a>					
86		~보다 작은(적은) <i>lesser</i>				<a href="#">INFORM</a>					
87		폐쇄된 <i>closed</i>				<a href="#">INFORM</a>					
88		부분적인 <i>partly</i>				<a href="#">INFORM</a>					
89		개략적인 <i>approximate</i>				<a href="#">QUAPOS</a>	4				
90		수중의, 물에 잠긴 <i>submerged</i>				<a href="#">WATLEV</a>	3				
91		얕은 <i>shoaled</i>				<a href="#">INFORM</a>					
92		실험적인 <i>experimental</i>				<a href="#">INFORM</a>					
93		파괴된, 훼손된 <i>destroyed</i>				<a href="#">COND TN</a>	2				

# IP 등화 Lights

등의구조, 현저한 부유등화 Light Structures, Major Floating Lights Beacons → IQ												
1		대형등, 소형등, 등화, 등대 Major light, minor lights, light house				LIGHTS	COLOUR LITCHR		P	12.8		
						LNDMRK	CATLMK CONVIS					4.8.15
2		시추선, 시추대의 등화 Lighted offshore platform				LIGHTS	COLOUR LITCHR		P	12.8		
						OFSPLF						11.7.2
3		등표탑 Lighted beacon tower				LIGHTS	COLOUR LITCHR	3	P	12.8		
						BCNXXX	BCNSHP COLOUR					12.3.1
						TOPMAR	TOPSHP					12.6
4		등표 Lighted beacons				LIGHTS	COLOUR LITCHR		P	12.8		
						BCNXXX	BCNSHP COLOUR					12.3.1
						TOPMAR	TOPSHP					12.6
5		부등표 Buoyant beacons				LIGHTS	COLOUR LITCHR	7	P	12.8		
						BCNXXX	BCNSHP COLOUR					12.3.1
						TOPMAR	TOPSHP					12.6
6		주요 부표등(등대선, 주요부등, 대형 자동항해용 부표) Major floating light (light-vessel, major light- float, LANBY				LIGHTS	COLOUR LITCHR		P	12.8		
						LITFLT	COLOUR					12.4.2
						LITVES	COLOUR					

<b>등질 Light Characters</b>		<b>등부표 등질 Light Characters on Light Buoys → IQ</b>									
	<b>약어 Abbreviation</b>	<b>등광의호칭 Class of light</b>									
10.1	F	부동광 Fixed			<a href="#">LIGHTS</a>	<a href="#">LITCHR</a>	1	P	<a href="#">12.8.3</a>		
10.2	Oc	단명암광 Single occulting			<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">SIGGRP</a>	8 ( )	P	<a href="#">12.8.3</a>		
	Oc(2)	군명암광 Group occulting			<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">SIGGRP</a>	8 (2)	P	<a href="#">12.8.3</a>		
	Oc(2+3)	복합군명암광 Composite group occulting			<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">SIGGRP</a>	8 (2+3)	P	<a href="#">12.8.3</a>		
10.3	Iso	등명암광 Isophase			<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">SIGGRP</a>	7 ( )	P	<a href="#">12.8.3</a>		
10.4	FI	단섬광 Single flashing			<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">SIGGRP</a>	2 (1)	P	<a href="#">12.8.3</a>		
	FI(3)	군섬광 Group flashing			<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">SIGGRP</a>	2 (3)	P	<a href="#">12.8.3</a>		
	FI(2+1)	복합군섬광 Composite group flashing			<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">SIGGRP</a>	2 (2+1)	P	<a href="#">12.8.3</a>		
10.5	LFI	장섬광 (섬광이 2 초이상) Long flashing (flash 2sec or longer)			<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">SIGGRP</a>	3 ( )	P	<a href="#">12.8.3</a>		
10.6	Q	연속급섬광 Continuous quick			<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">SIGGRP</a>	4 ( )	P	<a href="#">12.8.3</a>		
	Q(3)	군급섬광 Group quick			<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">SIGGRP</a>	4 (3)	P	<a href="#">12.8.3</a>		
	IQ	단속급섬광 Interrupted quick			<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">SIGGRP</a>	9 ( )	P	<a href="#">12.8.3</a>		
10.7	VQ	연속초급섬광 Continuous very quick			<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">SIGGRP</a>	5 (1)	P	<a href="#">12.8.3</a>		
	VQ(3)	군초급섬광 Group very quick			<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">SIGGRP</a>	5 (3)	P	<a href="#">12.8.3</a>		

INT1 to S-57/52 for ENC5

	IVQ	단초급섬광 <i>Interrupted very quick</i>			<a href="#">LIGHTS</a>	<a href="#">LITCHR SIGGRP</a>	10 ( )	P	<a href="#">12.8.3</a>		
10.8	UQ	연속급섬광 <i>Continuous ultra quick</i>			<a href="#">LIGHTS</a>	<a href="#">LITCHR SIGGRP</a>	6 ( )	P	<a href="#">12.8.3</a>		
	IUQ	단속급섬광 <i>Interrupted ultra quick</i>			<a href="#">LIGHTS</a>	<a href="#">LITCHR SIGGRP</a>	11 ( )	P	<a href="#">12.8.3</a>		
10.9	Mo(K)	모르스부호광 <i>Morse Code</i>			<a href="#">LIGHTS</a>	<a href="#">LITCHR SIGGRP</a>	12 (K)	P	<a href="#">12.8.3</a>		
10.10	FFI	연속부동섬광 <i>Fixed and flashing</i>			<a href="#">LIGHTS</a>	<a href="#">LITCHR SIGGRP</a>	13 ( ) (1)	P	<a href="#">12.8.3</a>		
10.11	Al.WR	호광등 <i>Alternating</i>			<a href="#">LIGHTS</a>	<a href="#">LITCHR SIGGRP</a>	28 ( )	P	<a href="#">12.8.3</a>		

**등색 Colour of Lights**

11.1	W	백 <i>White (may be omitted)</i>			<a href="#">LIGHTS</a>	<a href="#">COLOUR</a>	1	P	<a href="#">12.8.1</a>		
11.2	R	홍 <i>Red</i>			<a href="#">LIGHTS</a>	<a href="#">COLOUR</a>	3	P	<a href="#">12.8.1</a>		
11.3	G	녹 <i>Green</i>			<a href="#">LIGHTS</a>	<a href="#">COLOUR</a>	4	P	<a href="#">12.8.1</a>		
11.4	Bu	청 <i>Blue</i>			<a href="#">LIGHTS</a>	<a href="#">COLOUR</a>	5	P	<a href="#">12.8.1</a>		
11.5	Vi	보라 <i>Violet</i>			<a href="#">LIGHTS</a>	<a href="#">COLOUR</a>	10	P	<a href="#">12.8.1</a>		
11.6	Y	노랑 <i>Yellow</i>			<a href="#">LIGHTS</a>	<a href="#">COLOUR</a>	6	P	<a href="#">12.8.1</a>		
11.7	Or	오렌지 <i>Orange</i>			<a href="#">LIGHTS</a>	<a href="#">COLOUR</a>	11	P	<a href="#">12.8.1</a>		
11.8	Am	호박 <i>Amber</i>			<a href="#">LIGHTS</a>	<a href="#">COLOUR</a>	9	P	<a href="#">12.8.1</a>		

**주기 Period**

12	90s	초 단위의 주기 <i>Period in seconds</i>			<a href="#">LIGHTS</a>	<a href="#">SIGPER</a>		P	<a href="#">12.8.1</a>		
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<b>등고 Elevation</b>											
13	12m	미터단위의 등고 Elevation of light given in metres			<a href="#">LIGHTS</a>	<a href="#">HEIGHT</a>		P	<a href="#">12.8.4</a>		

<b>광달거리 Range</b>											
14	15/M	1 개의 광달거리 Light with single range			<a href="#">LIGHTS</a>	<a href="#">VALNMR</a>			<a href="#">12.8.1</a>		
	15/10M	서로 다른 2 개의 광달거리 Light with two different ranges			<a href="#">LIGHTS</a>	<a href="#">VALNMR</a>					
	15-7M	3 개 또는 그 이상의 광달거리 Light with three or more ranges			<a href="#">LIGHTS</a>	<a href="#">VALNMR</a>					

<b>등질의 경향 Disposition</b>											
15	(hor)	수평등 horizontally disposed			<a href="#">LIGHTS</a>	<a href="#">CATLIT</a> <a href="#">MLTYLT</a>	19	P	<a href="#">12.8.1</a>		
	(vert)	수직등 horizontally disposed			<a href="#">LIGHTS</a>	<a href="#">CATLIT</a> <a href="#">MLTYLT</a>	20	P		<a href="#">12.8.1</a>	

<b>등질에 대한 설명 Example of a full Light Description</b>											
16	FI(3)WRG. 15s13m7-5M				<a href="#">LIGHTS</a> X 3	<a href="#">CATLIT</a> <a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a> <a href="#">HEIGHT</a> <a href="#">VALNMR</a> <a href="#">SECTR1</a> <a href="#">SECTR2</a>	1 2 1&3&4 15 (3) 13	P	<a href="#">12.8.1</a>		

**항로지시등 Lights marking Fairways**    **Note: Quoted bearings are always from seaward**



**도등과 중시선상의 등화 Leading Lights and Lights in line**

20.1		도등과 지도선(실선이 항로) 그리고 명호 방위는 0.1 도 단위로 표기 Leading lights with leading line and arcs of visibility # The bearing may be shown in degrees and tenths of degrees			LIGHTS X 2	CATLIT SECTR1 SECTR2		P	12.8.6		
					NAVLNE	CATNAV ORIENT	3	L	10.1.1		
					RECTRC	CATTRK ORIENT TRAFIC	1 4	L	10.1.1		
20.2		도등 : 이중중시선 Leading lights			LIGHTS X 2	CATLIT	4,12 4,13 8 1,3 4 (1)	P	12.8.6.4		
					NAVLNE	CATNAV ORIENT	3	L	10.1.1		
					RECTRC	CATTRK ORIENT TRAFIC	1 4	L	10.1.1		
20.3		소축척 해도상의 도등 Leading lights on small scale charts			LIGHTS X 2	CATLIT	4,12 4,13 8 1,3 ( )	P	12.8.6.4		
21		중시선상의 등화, 수로의 경계를 표시 Lights in line, marking the sides of a channel			LIGHTS X 4	CATLIT	4,12 4,13 2 4/3 ( )	P	12.8.6.4		

INT1 to S-57/52 for ENC's

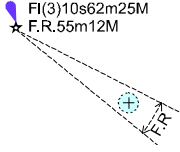
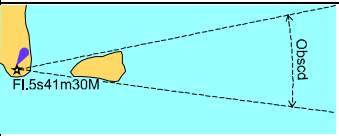
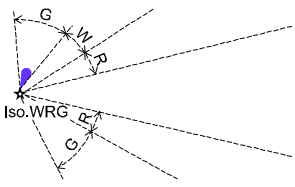
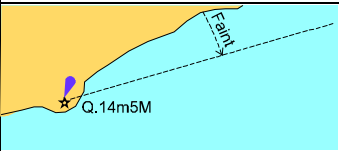
					<a href="#">NAVLNE</a> X2	<a href="#">CATNAV</a> <a href="#">ORIENT</a>	1	L	<a href="#">10.1.1</a>		
22	Rear Lt or Upper Lt	후등, 상등 Rear or Upper Lt			<a href="#">LIGHTS</a>	<a href="#">CATLIT</a>	13/15	P	<a href="#">12.8.6.4</a>		
23	Front Lt or Lower Lt	전등, 하등 Front or lower light			<a href="#">LIGHTS</a>	<a href="#">CATLIT</a>	12/14	P	<a href="#">12.8.6.4</a>		

<b>지향등 Direction Lights</b>											
30.1		지향등은 좁은 분호와 유도침로를 갖는다. Direction light with narrow sector			<a href="#">LIGHTS</a>	<a href="#">CATLIT</a> <a href="#">ORIENT</a> <a href="#">SECTR1</a> <a href="#">SECTR2</a> <a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a> <a href="#">LITVIS</a> <a href="#">HEIGHT</a> <a href="#">VALNMR</a>	1	P	<a href="#">12.8.6.5</a>		
30.2		유도침로를 갖는 지향등 Direction light with course to be followed			<a href="#">LIGHTS</a> X2	<a href="#">CATLIT</a> <a href="#">ORIENT</a> <a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a> <a href="#">VALNMR</a>	1	P	<a href="#">12.8.6.5</a>		
					<a href="#">RECTRC</a> X2	<a href="#">CATTRK</a> <a href="#">ORIENT</a> <a href="#">TRAFIC</a>	1	L	<a href="#">10.1.1</a>		
					<a href="#">NAVLNE</a>	<a href="#">CATNAV</a> <a href="#">ORIENT</a>	4				
							3	L	<a href="#">10.1.1</a>		

30.3		<p>표준 해도상 협수로 영역을 표시하는 지향등 Direction light with narrow fairway</p>			<p><a href="#">LIGHTS</a> X5</p>	<p><a href="#">CATLIT</a> <a href="#">ORIENT</a> <a href="#">SECTR1</a> <a href="#">SECTR2</a> <a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">VALNMR</a></p>	1	P	<p><a href="#">12.8.6.5</a></p>		
31		<p>물결무늬의 등화 변침할 시점에 화살표 표시 Moiré effect light</p>			<p><a href="#">LIGHTS</a></p>	<p><a href="#">CATLIT</a> <a href="#">ORIENT</a></p>	16	P	<p><a href="#">12.8.6.6</a></p>		

<b>Sector Lights</b>											
40		<p>표준 해도상의 분호등 Sector light on standard charts</p>			<p><a href="#">LIGHTS</a> X3</p>	<p><a href="#">CATLIT</a> <a href="#">ORIENT</a> <a href="#">SECTR1</a> <a href="#">SECTR2</a> <a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a> <a href="#">HEIGHT</a> <a href="#">VALNMR</a></p>		P	<p><a href="#">12.8.6.1</a></p>		
41		<p>표준 해도상의 분호등백색분호의 경계는 주향로의 측방한계를 표시함 Sector light on standard charts, the white sector limits marking the sides of the fairway</p>			<p><a href="#">LIGHTS</a> X3</p>	<p><a href="#">CATLIT</a> <a href="#">SECTR1</a> <a href="#">SECTR2</a> <a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a></p>		P	<p><a href="#">12.8.6.1</a> <a href="#">12.8.6.3</a></p>		
					<p><a href="#">FAIRWY</a></p>			A	<p><a href="#">10.4</a></p>		

INT1 to S-57/52 for ENC's

42		<p>위험수역을 비추는 부등과 모든 방위를 비추는 주등 Main light visible all-round with red subsidiary light seen over danger</p>			<p><u>LIGHTS</u> X2</p>	<p><u>CATLIT</u> <u>SECTR1</u> <u>SECTR2</u> <u>LITCHR</u> <u>COLOUR</u> <u>SIGPER</u> <u>SIGGRP</u> <u>HEIGHT</u> <u>VALNMR</u></p>	10	P	<p><a href="#">12.8.6.1</a></p>		
43		<p>부분적으로 빛이 차단되는 등대 등화가 보이지 않는 부분 표시 All round light with obscured sector</p>			<p><u>LIGHTS</u></p>	<p><u>LITVIS</u> <u>SECTR1</u> <u>SECTR2</u> <u>LITCHR</u> <u>COLOUR</u> <u>SIGPER</u> <u>SIGGRP</u> <u>HEIGHT</u> <u>VALNMR</u></p>	7/8	P	<p><a href="#">12.8.6.2</a></p>		
44		<p>등색이 다양한 분호를 갖는 등대 Light with arc of visibility deliberately restricted</p>				<p>No Object is encoded for this sector</p>					
45		<p>잔광의 장애가 있는 등대 Light with faint sector</p>			<p><u>LIGHTS</u></p>	<p><u>LITVIS</u> <u>SECTR1</u> <u>SECTR2</u> <u>LITCHR</u> <u>COLOUR</u> <u>SIGPER</u> <u>SIGGRP</u> <u>HEIGHT</u></p>	3	P	<p><a href="#">12.8.6.2</a></p>		


INT1 to S-57/52 for ENC's




46		강도가 다른 분호가 있는 등대 Light with intensified sector			<a href="#">LIGHTS</a>	<a href="#">LITVIS</a> <a href="#">SECTR1</a> <a href="#">SECTR2</a> <a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a>	4	P	<a href="#">12.8.6.2</a>		
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**Lights with limited Times of Exhibition**


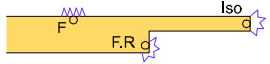

50		특별한 경우(어선, 웨리용)에 사용. 개인용 등화(가등, 임시등)Lights exhibited only when needed (for fishing vessels, ferries) and some private lights			<a href="#">LIGHTS</a>	<a href="#">STATUS</a>  <a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a>	2/8	P	<a href="#">12.8.5.3</a>		
51		주간작동 등대(등질은 주야간이 서로 다름을 표시) Daytime light (charted only where the character shown by day differs from that shown at night)			<a href="#">LIGHTS</a>	<a href="#">EXCLIT</a> <a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">HEIGHT</a> <a href="#">VALNMR</a>	2	P	<a href="#">12.8.5.4</a>		
					<a href="#">LIGHTS</a>	<a href="#">EXCLIT</a>	4	P			
52		안개등(무중시에 작동, 또는 무중시 등질이 변경됨) Fog light (exhibited only in fog, or character changes in fog)			<a href="#">LIGHTS</a>	<a href="#">EXCLIT</a> <a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a> <a href="#">HEIGHT</a> <a href="#">VALNMR</a> <a href="#">STATUS</a>	2/4	P	<a href="#">12.8.5.5</a>		

INT1 to S-57/52 for ENC's

					<a href="#">LIGHTS</a>	<a href="#">EXCLIT</a> <a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a>	3 2	P			
53	 FI.5s(U)	<i>무인등대</i> <i>Unwatched (unmanned)</i> <i>light with no standby or</i> <i>emergency arrangements</i>			<a href="#">LIGHTS</a>	<a href="#">STATUS</a>	17	P	<a href="#">12.8.5.2</a>		
54	# (temp)	<i>가설등 Temporary</i>			<a href="#">LIGHTS</a>	<a href="#">STATUS</a>	7	P	<a href="#">12.8.5.2</a>		
55	# (exting)	<i>소등 Extinguished</i>			<a href="#">LIGHTS</a>	<a href="#">STATUS</a>	11	P	<a href="#">12.8.5.2</a>		

<b>특수등 Special Lights</b> <b>화염연돌(해상) Flare Stack (at Sea)</b> → <a href="#">IL</a> <b>화염연돌(육상) Flare Stack (at Land)</b> → <a href="#">IE</a> <b>신호국 Signal Stations</b> → <a href="#">IT</a>											
60	 AeroAl.FI.WG.7-5s11M	<i>(신뢰할 수 없는) 항공등화</i> <i>Aero light</i>			<a href="#">LIGHTS</a>	<a href="#">CATLIT</a> <a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a> <a href="#">VALNMR</a>	5	P	<a href="#">12.8.7</a>		
61.1	 AeroF.R.353m11M RADIO MAST (353)	<i>광도가 높은 항공장애등</i> <i>Air obstruction light of high</i> <i>intensity</i>			<a href="#">LIGHTS</a>	<a href="#">CATLIT</a> <a href="#">LITVIS</a> <a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">HEIGHT</a> <a href="#">VALNMR</a>	6 1	P	<a href="#">12.8.7</a>		
					<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a> <a href="#">FUNCTN</a> <a href="#">HEIGHT</a>	7  31	P	<a href="#">4.8.15</a>		
61.2	 (89) (R Lts)	<i>광도가 낮은 항공장애등</i> <i>Air obstruction light of low</i>			<a href="#">LIGHTS</a>	<a href="#">CATLIT</a> <a href="#">LITVIS</a> <a href="#">COLOUR</a>	6 2 3	P	<a href="#">12.8.7</a>		

INT1 to S-57/52 for ENCs

		<i>intensity</i>			<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a> <a href="#">HEIGHT</a>	7	P	<a href="#">4.8.15</a>		
62	Fog Det Lt	<i>안개탐지등</i> <i>Fog detector light</i>			<a href="#">LIGHTS</a>	<a href="#">CATLIT</a>	7	P	<a href="#">12.8.7</a>		
63	 (illuminated)	<i>투광조명, 구조물의</i> <i>투광조명 Floodlit,</i> <i>floodlighting of a structure</i>			Any object	<a href="#">STATUS</a>	12				
64		<i>(형광등에 의한)선형조명</i> <i>Strip light</i>			<a href="#">LIGHTS</a> X3	<a href="#">CATLIT</a> <a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a>	9	P	<a href="#">12.8.7</a>		
65	#  F.R (priv)	<i>사설등화</i> <i>Private light other than one</i> <i>exhibited occasionally</i>			<a href="#">LIGHTS</a>	<a href="#">CATLIT</a> <a href="#">STATUS</a> <a href="#">LITCHR</a> <a href="#">COLOUR</a>	8	P	<a href="#">12.8.5.3</a>		

# IQ 부표, 입표 Buoys, Beacons

**부표와 입표(주간표지) Buoys and Beacons IALA 해상부표식, 입표포함 IALA Maritime Buoyage System, which includes Beacons** → IQ 130

## 일반사항 General

1		부표 또는 입표의 위치 Position of buoy or beacon									
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## 입표와 부표의 도색 Colours of Buoys and Beacon Topmarks

2		녹색과 흑색의 표체(기호는 흑색) Single colour: green (G) and black (B)			TOPMAR	TOPSHP COLOUR	4/2		12.4.1 2.4		
					BCNXXX BOYXXX						
3		녹색과 흑색 이외의 단색표체 Single colour other than green and black			TOPMAR	COLOUR TOPSHP			12.4.1 2.4		
					BCNXXX BOYXXX						
4		다색 횡대의 표체 위에서 아래순으로 도색 표기 Multiple colours in horizontal bands: the colour sequence is from top to bottom			TOPMAR	COLPAT TOPSHP COLOUR	1	P	12.4.1 2.4		
					BCNXXX BOYXXX	COLPAT COLOUR					
5		다색 종대 또는 사선도색의 표체 짙은색순으로 먼저 표기 Multiple colours in vertical or diagonal stripes; the darker colour is given first.			TOPMAR	TOPSHP COLPAT COLOUR	3,1 2/3	P	12.4.1 2.4		
					BCNXXX BOYXXX	COLPAT COLOUR					
6		역반사 물질 Retroreflecting material			RETRFL			P	12.7		

## 야간표지 Lighted Marks 무중신호 표지 Marks with Fog Signals → IR

7,8	Encode as appropriate as shown in section <a href="#">IP</a>	
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


<b>두표와 레이더 반사체 Topmarks and Radar Reflectors IALA</b> 해상부표식의 두표적용 For application of Topmarks within the IALA System → IQ 130 Radar reflector → IS											
9		IALA 식 부표의 두표입표의 두표는 수직으로 표시 IALA System topmarks (beacon topmarks shown upright)			<a href="#">TOPMAR</a>	<a href="#">TOPSHP</a>	13/14/ 11/10/ 4/3/5/5 /17/1/7	P	<a href="#">12.6</a>		
10		두표, 레이더 반사체, 명칭과 도색이 있는 입표 Beacon with topmark, colour, radar reflector and designation			<b>BCNXXX</b>	<a href="#">CONRAD</a> <a href="#">COLOUR</a> <a href="#">BCNSHP</a> <a href="#">OBJNAM</a>	3	P	<a href="#">12.12</a>		
					<a href="#">TOPMAR</a>	<a href="#">TOPSHP</a> <a href="#">COLOUR</a>		P	<a href="#">12.6</a>		
11		두표, 레이더 반사체, 명칭과 도색이 있는 부표 Buoy with topmark, colour, radar reflector and designation			<b>BOYXXX</b>	<a href="#">CONRAD</a> <a href="#">COLOUR</a> <a href="#">BOYSHP</a> <a href="#">OBJNAM</a>	3	P	<a href="#">12.12</a> <a href="#">12.4.1</a>		
					<a href="#">TOPMAR</a>	<a href="#">TOPSHP</a> <a href="#">COLOUR</a>		P	<a href="#">12.6</a>		

**부표 Buoys** 부표와 입표 Features Common to Buoys and Beacons → IQ 1-11

<b>형태 Shapes</b>											
20		원추형 부표, 방추형 부표, 아치형 부표 Conical buoy, nun buoy, ogival buoy			BOYXXX	<a href="#">BOYSHP</a> <a href="#">COLOUR</a>	1	P	<a href="#">12.4.1</a>		
21		강통 또는 원통형 부표 Can buoy, cylindrical buoy			BOYXXX	<a href="#">BOYSHP</a> <a href="#">COLOUR</a>	2	P	<a href="#">12.4.1</a>		

INT1 to S-57/52 for ENCs






22			구형 부표 Spherical buoy			BOYXXX	<a href="#">BOYSHP</a> <a href="#">COLOUR</a>	3	P	<a href="#">12.4.1</a>		
23			망대형 부표 Pillar buoy			BOYXXX	<a href="#">BOYSHP</a> <a href="#">COLOUR</a>	4	P	<a href="#">12.4.1</a>		
24			원주형 부표, 방주형 부표 Spar buoy, spindle buoy			BOYXXX	<a href="#">BOYSHP</a> <a href="#">COLOUR</a>	5	P	<a href="#">12.4.1</a>		
25			통형 부표 Barrel buoy, tun buoy			BOYXXX	<a href="#">BOYSHP</a> <a href="#">COLOUR</a>	6	P	<a href="#">12.4.1</a>		
26			초대형 부표 Superbuoy			BOYXXX	<a href="#">BOYSHP</a> <a href="#">COLOUR</a>	7	P	<a href="#">12.4.1</a>		

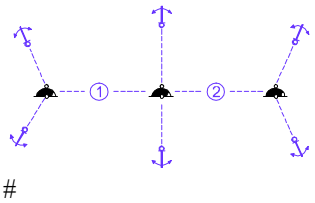
소형등선 Minor Light Floats

30	 Fl.G.3s Name	IALA 식 등선 Light float (IALA)			<a href="#">LITFLT</a>	<a href="#">COLOUR</a> <a href="#">OBJNAM</a> <a href="#">INFORM</a>	4	P	<a href="#">12.4.2</a>		
					<a href="#">TOPMAR</a>	<a href="#">TOPSHP</a> <a href="#">COLOUR</a>	<a href="#">NB</a>	P	12.6		
31	 Fl.10s	IALA 식이 아닌 등선 Light float (non IALA)			<a href="#">LITFLT</a>	<a href="#">COLOUR</a> <a href="#">INFORM</a>	<a href="#">NB</a>	P	<a href="#">12.4.2</a>		


IQ 30/31 INFORM must be used to indicate the IALA status. MARSYS is not a legitimate attribute of LITFLT at present and will not be included until the next NE of the standard.

계선부표 Mooring Buoys


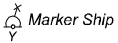





40							<a href="#">MORFAC</a>	<a href="#">CATMOR</a> <a href="#">BOYSHP</a>	7	P	<a href="#">9.2.4</a>		
41		Fl.Y.2.5s	계선등부표			<a href="#">MORFAC</a>	<a href="#">CATMOR</a> <a href="#">BOYSHP</a>	7 6	P	<a href="#">9.2.4</a>			

		<i>Lighted mooring buoy</i>			<a href="#">LIGHTS</a>	<a href="#">CATLIT</a> <a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a>		P	<a href="#">12.8.1</a>		
42	 <p>#</p>	전신, 전화의 통신용 계선부표 <i>Trot, mooring buoy with ground tackle and berth numbers</i>			<a href="#">MORFAC</a> X6	<a href="#">CATMOR</a> <a href="#">BOYSHP</a>	7 6	P	<a href="#">9.2.5</a>		
					<a href="#">MORFAC</a>	<a href="#">CATMOR</a>	6	L	<a href="#">4.6.7.1</a>		
					<a href="#">OBSTRN</a>	<a href="#">CATOBS</a> <a href="#">WATLEV</a> <a href="#">VALSOU</a>	9	P	<a href="#">6.2.2</a>		
					<a href="#">CBLSUB</a> X6	<a href="#">CATCBL</a>	6	L	<a href="#">11.5.1</a> <a href="#">9.2.5</a>		
					<a href="#">BERTHS</a> X2	<a href="#">OBJNAM</a>		P	<a href="#">4.6.2</a> <a href="#">9.2.5</a>		
43		전신, 전화의 통신용 계선부표 <i>Mooring buoy with communications</i>			<a href="#">MORFAC</a>	<a href="#">CATMOR</a>	7	P	<a href="#">9.2.4</a>		
					<a href="#">CBLSUB</a>	<a href="#">CATCBL</a>		L	<a href="#">11.5.1</a>		
44	 <p>Small Craft Moorings</p>	다수의 계선장치 <i>Numerous moorings</i>			<a href="#">ACHARE</a>	<a href="#">CATACH</a>	8	A	<a href="#">9.2.1</a>		




**특수목적의 부표 Special Purpose Buoys**

50		사격훈련구역(위험지대) 부표 <i>Firing danger area (Danger Zone) buoy</i>			<a href="#">BOYSPP</a>	<a href="#">CATSPM</a> <a href="#">BOYSHP</a> <a href="#">COLOUR</a>	1 3 6	P	<a href="#">12.4.1</a>		
					<a href="#">TOPMAR</a>	<a href="#">TOPSHP</a> <a href="#">COLOUR</a>	7 6	P	<a href="#">12.6</a>		



INT1 to S-57/52 for ENCs





51		표적부표 Target			BOYSPP	CATSPM	2	P	<a href="#">12.4.1</a>		
						BOYSHP	3				
						COLOUR	6				
					TOPMAR	TOPSHP	7	P	<a href="#">12.6</a>		
						COLOUR	6				
52		표적선 Marker Ship			BOYSPP	CATSPM	3	P	<a href="#">12.4.1</a>		
						BOYSHP	3				
						COLOUR	6				
					TOPMAR	TOPSHP	7	P	<a href="#">12.6</a>		
						COLOUR	6				
53		부선 Barge			BOYSPP	CATSPM	5	P	<a href="#">12.4.1</a>		
						BOYSHP	3				
						COLOUR	6				
					TOPMAR	TOPSHP	7	P	<a href="#">12.6</a>		
						COLOUR	6				
54		소사용 부표 Degaussing Range buoy			BOYSPP	CATSPM	4	P	<a href="#">12.4.1</a>		
						BOYSHP	3				
						COLOUR	6				
					TOPMAR	TOPSHP	7	P	<a href="#">12.6</a>		
						COLOUR	6				
55		케이블 표시용 부표 Cable buoy			BOYSPP	CATSPM	6	P	<a href="#">12.4.1</a>		
						BOYSHP	3				
						COLOUR	6				
					TOPMAR	TOPSHP	7	P	<a href="#">12.6</a>		
						COLOUR	6				
56		준설토투기장 표시용 부표 Spoil ground buoy			BOYSPP	CATSPM	7	P	<a href="#">12.4.1</a>		
						BOYSHP	3				
						COLOUR	6				
					TOPMAR	TOPSHP	7	P	<a href="#">12.6</a>		
						COLOUR	6				
57		하구 표시용 부표 Buoy marking outfall			BOYSPP	CATSPM	8	P	<a href="#">12.4.1</a>		
						BOYSHP	3				
						COLOUR	6				
					TOPMAR	TOPSHP	7	P	<a href="#">12.6</a>		
						COLOUR	6				




INT1 to S-57/52 for ENCs




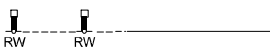
58	 ODAS	해양자료수집시스템 부표, 자료수집용 부표 Data collection buoy			<a href="#">BOYSPP</a>	<a href="#">CATSPM</a> <b>BOYSHP</b> <b>COLOUR</b>	9 7	P	<a href="#">12.4.1</a>		
59		파고계, 유속계표시 부표 Buoy marking wave recorder or current meter			<a href="#">BOYSPP</a>	<a href="#">CA TSPM</a> <b>BOYSHP</b> <b>COLOUR</b>	10 3 6	P	<a href="#">12.4.1</a>		
					<a href="#">TOPMAR</a>	<a href="#">TOPSHP</a> <b>COLOUR</b>	7 6	P	<a href="#">12.6</a>		
60		수상비행기 정박지 부표 Seaplane anchorage buoy			<a href="#">BOYSPP</a>	<a href="#">CATSPM</a> <b>BOYSHP</b> <b>COLOUR</b>	11	P	<a href="#">12.4.1</a>		
61		통항분리대표시용 표지 Buoy marking traffic separation scheme			<a href="#">BOYSPP</a>	<a href="#">CATSPM</a> <b>BOYSHP</b> <b>COLOUR</b>	19	P	<a href="#">12.4.1</a>		
62		유흥수역표시용 부표 Buoy marking recreation zone			<a href="#">BOYSPP</a>	<a href="#">CATSPM</a> <b>BOYSHP</b> <b>COLOUR</b>	12 3 6	P	<a href="#">12.4.1</a>		
					<a href="#">TOPMAR</a>	<a href="#">TOPSHP</a> <b>COLOUR</b>	7 6	P	<a href="#">12.6</a>		



**한시적 사용부표 Seasonal Buoys**


70	 (priv)	사설부표(예) Buoy privately maintained			<a href="#">BOYXXX</a>	<a href="#">STATUS</a> <b>BOYSHP</b> <b>COLOUR</b>	8 3 6	P	<a href="#">12.4.1</a>		
					<a href="#">TOPMAR</a>	<a href="#">TOPSHP</a> <b>COLOUR</b>	7 6	P	<a href="#">12.6</a>		
71	 (Apr-Oct)	한시적부표(예) Seasonal buoy			<a href="#">BOYXXX</a>	<a href="#">PERSTA</a> <a href="#">PEREND</a> <a href="#">STATUS</a> <b>BOYSHP</b> <b>COLOUR</b>	--04 --10 5 3 6	P	<a href="#">12.4.1</a>		
					<a href="#">TOPMAR</a>	<a href="#">TOPSHP</a> <b>COLOUR</b>	7 6	P	<a href="#">12.6</a>		

<b>입표 Beacons</b> <b>등표 Lighted Beacons</b> → <a href="#">IP</a> <b>부표, 입표의 형상 Features Common to Beacons and Buoys</b> → IQ 1-11											
<b>일반 General</b>											
80			일반입표(소축척 해도상, 특성없음) Beacon in general, characteristics unknown or chart scale too small to show			BCNXXX	<a href="#">BCNSHP COLOUR</a>		P	<a href="#">12.3.1</a>	
81			등표가 없고 도색된 입표 Beacon with colour, no distinctive topmark			BCNXXX	<a href="#">BCNSHP COLOUR</a>		P	<a href="#">12.3.1</a>	
82			등표와 도색이 있는 입표 Beacon with colour and topmark			BCNXXX	<a href="#">BCNSHP COLOUR</a>		P	<a href="#">12.3.1</a>	
						<a href="#">TOPMAR</a>	<a href="#">TOPSHP COLOUR</a>		P	12.6	
83	#		간출암, 세암, 암암 등의 등표가 있는 입표 Beacon on submerged rock			BCNISD	<a href="#">BCNSHP COLOUR</a>		P	<a href="#">12.3.1</a>	

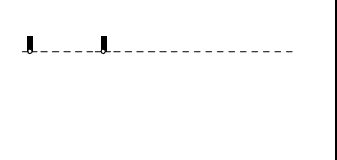
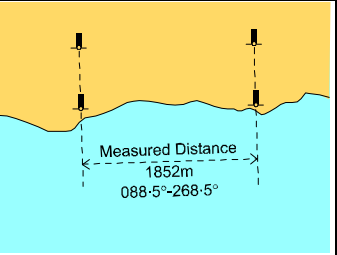
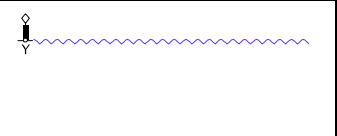
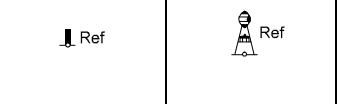

<b>간이소형육표 Minor Impermanent Marks</b> <b>소형말뚝 Minor Pile</b> → <a href="#">IF</a>											
90			막대기 Stake, pole			BCNXXX	<a href="#">BCNSHP COLOUR</a>	1	P	<a href="#">12.3.1</a>	
91	좌현 PORT	우현 STARBOARD	장대 Perch stake			<a href="#">BCNLAT</a>	<a href="#">BCNSHP COLOUR</a> <a href="#">CATLAM COLOUR</a>	1 1/2		<a href="#">12.3.1</a>	
											
92			나뭇가지 Withy			<a href="#">BCNLAT</a>	<a href="#">BCNSHP COLOUR</a> <a href="#">CATLAM COLOUR</a>	2 1/2		<a href="#">12.3.1</a>	

소형육표 <i>Minor Marks, usually on Land</i> 육상표지 <i>Landmarks</i> → <a href="#">IE</a>											
100		돌무더기 <i>Cairn</i>			<a href="#">BCNSPP</a>	<a href="#">BCNSHP</a> <a href="#">CATSPM</a> <a href="#">COLOUR</a>	6	P	<a href="#">12.3.1</a>		
					<a href="#">LNDMRK</a>	<a href="#">CATLMK</a> <a href="#">CONVIS</a>					
101		유색 또는 백색표지 <i>Coloured or white mark</i>			<a href="#">DAYMAR</a>	<a href="#">TOPSHP</a> <a href="#">NATCON</a> <a href="#">COLOUR</a>	9	P	<a href="#">12.3.1</a> <a href="#">12.3.3</a>		
102.1	# 	Coloured topmark with function of beacon			<a href="#">DAYMAR</a>	<a href="#">TOPSHP</a> <a href="#">NATCON</a> <a href="#">COLOUR</a>	24 9	P	<a href="#">12.3.1</a> <a href="#">12.3.3</a>		
102.2		Painted board with function of leading beacon			<a href="#">DAYMAR</a>	<a href="#">TOPSHP</a> <a href="#">CATSPM</a> <a href="#">NATCON</a> <a href="#">COLOUR</a>	6 16 9	P	<a href="#">12.3.3</a>		

탑형입표 <i>Beacon Towers</i>											
110		두표와 도색의 유무를 구별한 탑형 입표 <i>Beacon tower</i>			<a href="#">BCNXXX</a>	<a href="#">BCNSHP</a> <a href="#">COLOUR</a>	3	P	<a href="#">12.3.1</a>		
111	# 	격자형 입표 <i>Lattice beacon</i>			<a href="#">BCNXXX</a>	<a href="#">BCNSHP</a> <a href="#">COLOUR</a>	4	P	<a href="#">12.3.1</a>		

특수목적의 입표 <i>Special Purpose Beacons</i> 지도선, 피험선 <i>Leading Lines, Clearing Lines</i> → <a href="#">IM</a>											
120		유도입표(지향입표) <i>Leading beacons</i>			<a href="#">BCNSPP</a>	<a href="#">BCNSHP</a> <a href="#">CATSPM</a> <a href="#">COLOUR</a>	16	P	<a href="#">12.3.1</a>		

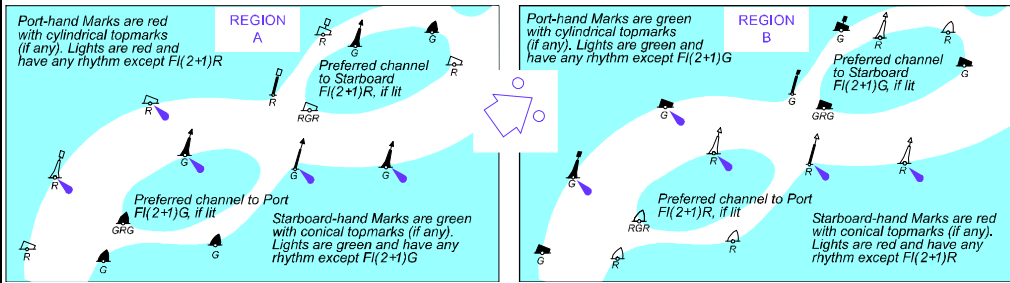
INT1 to S-57/52 for ENC's


121		<p>시험선을 표시한 입표(이중물표) Beacon marking a clearing line or transit</p>			<a href="#">BCNSPP</a>	<a href="#">BCNSHP</a> <a href="#">CATSPM</a> <a href="#">COLOUR</a>	41	P	<a href="#">12.3.1</a>		
122		<p>속력 측정구간 Beacon marking measured distance</p>			<a href="#">BCNSPP</a>	<a href="#">BCNSHP</a> <a href="#">CATSPM</a> <a href="#">COLOUR</a>	17	P	<a href="#">12.3.1</a> <a href="#">10.1.3</a>		
123		<p>해저케이블의 상륙지점 입표 Cable landing beacon</p>			<a href="#">BCNSPP</a>	<a href="#">BCNSHP</a> <a href="#">CATSPM</a> <a href="#">COLOUR</a>	6	P	<a href="#">12.3.1</a>		
124		<p>안전수역 입표 Refuge beacon</p>			<a href="#">BCNSPP</a>	<a href="#">BCNSHP</a> <a href="#">CATSPM</a> <a href="#">COLOUR</a>	44	P	<a href="#">12.3.1</a>		
125		<p>사격위험구역 입표 Firing practice area beacons</p>			<a href="#">BCNSPP</a>	<a href="#">BCNSHP</a> <a href="#">CATSPM</a> <a href="#">COLOUR</a>	1	P	<a href="#">12.3.1</a>		
126		<p>안내판 Notice board</p>			<a href="#">BCNSPP</a>	<a href="#">BCNSHP</a> <a href="#">CATSPM</a> <a href="#">COLOUR</a>	18	P	<a href="#">12.3.1</a>		

130 IALA 해상부표식 IALA Maritime Buoyage Systems



**측방표지 / Lateral marks**



130.1		측방표지 IALA buoyage system			BOYXXX/ BCNXXX M NSYS	<a href="#">MARSYS</a>	1/2	A	<a href="#">12.2</a>		
130.2		이 기호는 표지유도 방향이 불분명한 곳에서의 표지유도 방향을 나타낸다 Direction of buoyage			M NSYS	<a href="#">ORIENT</a>		A	<a href="#">12.2</a>		

130.3 방위표지 Cardinal Marks




주간표지 UNLIT MARKS	야간표지 LIGHTED MARKS
<p><i>Topmark: 2 black cones</i></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>NW</p> <p>West Mark Yellow with black band</p> </div> <div style="text-align: center;"> <p>NE</p> <p>North Mark Black above yellow</p> </div> </div> <div style="text-align: center; margin: 10px 0;"> <p>Point of interest</p> </div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>SW</p> <p>South Mark Yellow above black</p> </div> <div style="text-align: center;"> <p>SE</p> <p>East Mark Black with yellow band</p> </div> </div>	<p style="text-align: center;">White light</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>North Mark</p> <p>North Mark VQ or Q BY</p> </div> <div style="text-align: center;"> <p>East Mark</p> <p>East Mark VQ(3)5s or Q(3)10s BYB</p> </div> <div style="text-align: center;"> <p>South Mark</p> <p>South Mark VQ(6)+LFI.10s or Q(6)+LFI.15s YB</p> </div> <div style="text-align: center;"> <p>West Mark</p> <p>West Mark VQ(9)10s or Q(9)15s YBY</p> </div> </div> <div style="text-align: right; margin-top: 10px;"> <p><i>Time (seconds)</i></p> <p>Period shown</p> </div> <p style="font-size: small; text-align: center;">The same abbreviations are used for lights on spar buoys and beacons. The periods, 5s, 10s and 15s, may not always be charted.</p>

	북방위표지 North Mark		XXXCAR	<b>XXXSHP</b> CATCAM COLOUR COLPAT	1 2,6 1		P	<a href="#">12.4.1</a>		
			<a href="#">TOPMAR</a>	TOPSHP COLOUR	13 2		P	12.6		
			<a href="#">LIGHTS</a>	LITCHR COLOUR SIGPER SIGGRP	4/5 1  (1)		P	<a href="#">12.8</a>		


INT1 to S-57/52 for ENC's

		<i>동방위표지 East Mark</i>			XXXCAR	<b>XXXSHP</b> <a href="#">CATCAM</a> <a href="#">COLOUR</a> <a href="#">COLPAT</a>	2 2,6,2 1	P	<a href="#">12.4.1</a>		
					<a href="#">TOPMAR</a>	<a href="#">TOPSHP</a> <a href="#">COLOUR</a>	11 2	P	12.6		
					<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a>	4/5 1 5/10 (3)	P	<a href="#">12.8</a>		
		<i>남방위표지 South Mark</i>			XXXCAR	<b>XXXSHP</b> <a href="#">CATCAM</a> <a href="#">COLOUR</a> <a href="#">COLPAT</a>	3 6,2 1	P	<a href="#">12.4.1</a>		
					<a href="#">TOPMAR</a>	<a href="#">TOPSHP</a> <a href="#">COLOUR</a>	14 2	P	12.6		
					<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a>	26/25 1 10/15 (6)(1)	P	<a href="#">12.8</a>		
		<i>서방위표지 West Mark</i>			XXXCAR	<b>XXXSHP</b> <a href="#">CATCAM</a> <a href="#">COLOUR</a> <a href="#">COLPAT</a>	4 6,2,6 1	P	<a href="#">12.4.1</a>		
					<a href="#">TOPMAR</a>	<a href="#">TOPSHP</a> <a href="#">COLOUR</a>	10 2	P	12.6		
					<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a>	5/4 1 10/15 (9)	P	<a href="#">12.8</a>		

INT1 to S-57/52 for ENC's

130.4		<p>고립장애 표지 Isolated Danger Marks</p>			XXXISD	<p>XXXSHP COLOUR COLPAT</p>	4/5 2,3.2 1	P	<a href="#">12.4.1</a>		
					<a href="#">TOPMAR</a>	<p>TOPSHP COLOUR</p>	4 2	P	12.6		
130.5		<p>안전수역 표지 Safe Water Marks</p>			XXXSAW	<p>XXXSHP COLOUR COLPAT</p>	3/4/5 3,1 2	P	<a href="#">12.4.1</a>		
					<a href="#">TOPMAR</a>	<p>TOPSHP COLOUR</p>	3 3	P	12.6		
130.6		<p>특수표지 Special Marks</p>			XXXSPP	<p>XXXSHP CATSPM COLOUR</p>	6				
					<a href="#">TOPMAR</a>	<p>TOPSHP COLOUR</p>		P	12.6		

## IR 무중신호 Fog Signals

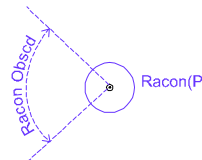
<b>일반사항 General</b> <b>안개탐지등 Fog Detector Light</b> → <a href="#">IP</a> <b>안개등 Fog Light</b> → <a href="#">IP</a>											
1		무중신호의 위치무중신호의 형식은 지정되지 않음 Position of fog signal: Type of fog signal not given			<a href="#">FOGSIG</a>	<a href="#">CATFOG</a>		P	<a href="#">12.5</a>		

<b>Types of Fog Signals, with Abbreviations</b>											
10	Explos	폭발신호 Explosive			<a href="#">FOGSIG</a>	<a href="#">CATFOG</a>	1	P	<a href="#">12.5</a>		
11	Dia	다이아폰 Diaphone			<a href="#">FOGSIG</a>	<a href="#">CATFOG</a>	2	P	<a href="#">12.5</a>		
12	Siren	사이렌 Siren			<a href="#">FOGSIG</a>	<a href="#">CATFOG</a>	3	P	<a href="#">12.5</a>		
13	Horn	경적 Horn			<a href="#">FOGSIG</a>	<a href="#">CATFOG</a>	10	P	<a href="#">12.5</a>		
		경적 Nautophone			<a href="#">FOGSIG</a>	<a href="#">CATFOG</a>	4	P	<a href="#">12.5</a>		
		경적 Reed			<a href="#">FOGSIG</a>	<a href="#">CATFOG</a>	5	P	<a href="#">12.5</a>		
		경적 tyfon			<a href="#">FOGSIG</a>	<a href="#">CATFOG</a>	6	P	<a href="#">12.5</a>		
14	Bell	경종 Bell			<a href="#">FOGSIG</a>	<a href="#">CATFOG</a>	7	P	<a href="#">12.5</a>		
15	Whis	기적 Whistle			<a href="#">FOGSIG</a>	<a href="#">CATFOG</a>	8	P	<a href="#">12.5</a>		
16	Gong	무징 Gong			<a href="#">FOGSIG</a>	<a href="#">CATFOG</a>	9	P	<a href="#">12.5</a>		

**무중신호의 기재 실례 Examples of Fog Signal Descriptions**


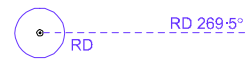

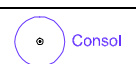

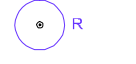

20		사이렌 Siren			<a href="#">FOGSIG</a>	<a href="#">CATFOG</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a> <a href="#">SIGGEN</a>	3	P	<a href="#">12.5</a>		
					<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a> <a href="#">HEIGHT</a> <a href="#">VALNMR</a>		P	<a href="#">12.8</a>		
21		파도에 의해 작동되는 경종이 달린 부표 Wave actuated bell buoy			<a href="#">FOGSIG</a>	<a href="#">CATFOG</a> <a href="#">SIGGEN</a>	7 2	P	<a href="#">12.5</a>		
22		등부표에 경적 설치 Horn with whistle			<a href="#">FOGSIG</a>	<a href="#">CATFOG</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a> <a href="#">SIGGEN</a>	10 1	P	<a href="#">12.5</a>		
					<a href="#">FOGSIG</a>	<a href="#">CATFOG</a> <a href="#">SIGGEN</a>	8 2	P	<a href="#">12.5</a>		
					<a href="#">LIGHTS</a>	<a href="#">LITCHR</a> <a href="#">COLOUR</a> <a href="#">SIGPER</a> <a href="#">SIGGRP</a>		P	<a href="#">12.8</a>		

# IS 레이다, 무선, 위성항법체계 Radar, Radio, Electronic Position-Fixing Systems

Radar Radar Structures Forming Landmarks → <a href="#">IE</a> Radar Surveillance Systems → <a href="#">IM</a>											
1		연안 레이다국 Coast radar station			<a href="#">RADSTA</a>	<a href="#">CATRAS</a>	2	P	<a href="#">12.11.3</a>		
2		연속 발신하는 레이마크, 레이다비콘 Ramark			<a href="#">RTPBCN</a>	<a href="#">CATRTB</a>	1	P	<a href="#">12.10</a>		
3.1		자동무선 레이다표지 Radar transponder beacon (3cm)			<a href="#">RTPBCN</a>	<a href="#">CATRTB</a> <a href="#">RADWAL</a> <a href="#">SIGGRP</a>	2 0.03-X	P	<a href="#">12.10</a>		
3.2		자동무선 레이다표지 Radar transponder beacon (10cm)			<a href="#">RTPBCN</a>	<a href="#">CATRTB</a> <a href="#">RADWAL</a> <a href="#">SIGGRP</a>	2 0.10-S	P	<a href="#">12.10</a>		
3.3		자동무선 레이다표지 Radar transponder beacon (3 & 10cm)			<a href="#">RTPBCN</a>	<a href="#">CATRTB</a> <a href="#">RADWAL</a>  <a href="#">SIGGRP</a>	2 0.03-X, 0.10-S	P	<a href="#">12.10</a>		
3.4		자동무선 레이다표지 (수신이 불명확한 구역) Radar transponder beacon with sector of obscured reception			<a href="#">RTPBCN</a>	<a href="#">CATRTB</a> <a href="#">SIGGRP</a> <a href="#">SECTR1</a> <a href="#">SECTR2</a>	1	P	<a href="#">12.10</a>		
		자동무선 레이다표지 (수신구역) Radar transponder beacon with sector of reception			<a href="#">RTPBCN</a>	<a href="#">CATRTB</a> <a href="#">SIGGRP</a> <a href="#">SECTR1</a> <a href="#">SECTR2</a>	2	P	<a href="#">12.10</a>		
3.5		자동무선 레이다 지도표지 Leading radar transponder beacons			<a href="#">RTPBCN</a>	<a href="#">CATRTB</a>	3	P	<a href="#">12.10</a>		

INT1 to S-57/52 for ENC's

3.6		자동무선 레이더표지가 부착된 부표류 Floating marks with radar transponder beacon			<a href="#">RTPBCN</a>	<a href="#">CATRTB</a>	2	P	<a href="#">12.10</a>		
4		레이더 반사기 Radar reflector				<a href="#">CONRAD</a>	3	P	<a href="#">12.12</a>		
5		레이더 화면상에 뚜렷한 물표 Radar conspicuous feature				<a href="#">CONRAD</a>	1	P	<a href="#">12.12</a>		

무선표지 Radio 레이다국의형상 Radio Structures Forming Landmarks → <a href="#">IE</a> 무선보고지점 Radio Reporting (Calling-in or Way) Points → <a href="#">IM</a>											
10		무지향성 무선표지 Non-directional radio beacon			<a href="#">RDOSTA</a>	<a href="#">CATROS OBJNAM</a>	1	P	<a href="#">12.9.1</a>		
11		지향성 무선표지 Directional radio beacon			<a href="#">RDOSTA</a>	<a href="#">CATROS ORIENT</a>	2	P	<a href="#">12.9.1</a>		
12		지향성 무선표지 (도등과 일치) Rotating pattern radio beacon			<a href="#">RDOSTA</a>	<a href="#">CATROS</a>	3	P	<a href="#">12.9.1</a>		
13		콘솔무선표지 Consol beacon			<a href="#">RDOSTA</a>	<a href="#">CATROS</a>	4	P	<a href="#">12.9.1</a>		
14		무선방향탐지 Radio direction-finding station			<a href="#">RDOSTA</a>	<a href="#">CATROS CALSGN</a>	5	P	<a href="#">12.9.3</a>		
15		무선표지 업무를 하는 해안국 Coast radio station			<a href="#">RDOSTA</a>	<a href="#">CATROS</a>	6	P	<a href="#">12.9.4</a>		
16		항공무선표지 Aeronautical radiobeacon			<a href="#">RDOSTA</a>	<a href="#">CATROS CALSGN</a>	7	P	<a href="#">12.9.2</a>		






## IT 서비스 Services

도선업무 Pilotage											
1.1		도선사승선지점 Pilot boarding place			<a href="#">PILBOP</a>	<a href="#">CATPIL</a>		P/A	<a href="#">13.1.2</a>		
1.2		도선사 승선지점의 명칭(지역명, 항구명) Pilot boarding place, with name			<a href="#">PILBOP</a>	<a href="#">CATPIL</a> <a href="#">OBJNAM</a>	1	P/A	<a href="#">13.1.2</a>		
1.3		주의기사가 있는 도선사 승선지점 Pilot boarding place, with note			<a href="#">PILBOP</a>	<a href="#">CATPIL</a> <a href="#">INFORM</a> <a href="#">TXTDSC</a>		P/A	<a href="#">13.1.2</a>		
1.4		헬기를 이용하는 도선사 승선지점 Pilot transferred by helicopter			<a href="#">PILBOP</a>	<a href="#">CATPIL</a>	2	P/A	<a href="#">13.1.2</a>		
2		도선사 사무소, 도선사 관망대 Pilot look-out			<a href="#">LNDMRK</a>	<a href="#">FUNCTN</a>	12	P	<a href="#">13.1.1</a>		
					<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	12	P			
3		도선사 사무소 Pilot office			<a href="#">LNDMRK</a>	<a href="#">FUNCTN</a>	11	P	<a href="#">13.1.1</a>		
					<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	11	P			
4		도선업무를 실시하는 항구 Port with pilot service				<a href="#">INFORM</a>	Pilots				

해안경비, 구조 Coastguard, Rescue											
10		해안경비대 Coastguard station			<a href="#">CGUSTA</a>			P	<a href="#">13.2</a>		
11		해안경비대, 구조대 Coastguard station with Rescue station			<a href="#">RSCSTA</a>			P	<a href="#">13.3</a>		

INT1 to S-57/52 for ENC

					<a href="#">CGUSTA</a>			P	<a href="#">13.2</a>		
12		구조대, 구조선 대기소 Rescue station; Lifeboat station; Rocket station			<a href="#">RSCSTA</a>	<a href="#">CATRSC</a>	1 2	P	<a href="#">13.3</a>		
13		구조선계류지 Lifeboat lying at a mooring			<a href="#">RSCSTA</a>	<a href="#">CATRSC</a>	6	P	<a href="#">13.3</a>		
14		해난선원 대기소 Refuge for shipwrecked mariners			<a href="#">RSCSTA</a>	<a href="#">CATRSC</a>	4	P	<a href="#">13.3</a>		


**신호소 Stations**

20	○SS	신호소 Signal station in general			<a href="#">SISTAW</a>	<a href="#">CATSIW</a>		P	<a href="#">13.4</a>		
21	○SS(INT)	국제항 통항안내 신호소 Signal station, International Port Traffic Signals			<a href="#">SISTAT</a>	<a href="#">CATSIT</a>	3	P	<a href="#">13.4</a>		
22	○SS(Traffic)	출입항 신호소 Traffic signal station			<a href="#">SISTAT</a>	<a href="#">CATSIT</a>	2	P	<a href="#">13.4</a>		
23	○SS(Port Control)	항만통제 신호소 Port control signal station			<a href="#">SISTAT</a>	<a href="#">CATSIT</a>	1	P	<a href="#">13.4</a>		
24	○SS(Lock)	감문신호소 Lock signal station			<a href="#">SISTAT</a>	<a href="#">CATSIT</a>	6	P	<a href="#">13.4</a>		
25.1	○SS(Bridge)	교량통항신호소 Bridge passage signal station			<a href="#">SISTAT</a>	<a href="#">CATSIT</a>	8	P	<a href="#">13.4</a>		
25.2		통항신호가있는 교량등 Bridge lights including traffic signals			<a href="#">SISTAT</a>	<a href="#">CATSIT</a>	8	P	<a href="#">13.4</a>		
26	○SS	조난신호 Distress signal station			<a href="#">SISTAW</a>	<a href="#">CATSIW</a>	5	P	<a href="#">13.4</a>		

INT1 to S-57/52 for ENCs

27	⊙SS	전신국 Telegraph station			<a href="#">SISTAT/ SISTAW</a>	<a href="#">CATSIT CATSIW</a>		P	<a href="#">13.4</a>		
28	⊙SS(Storm)	폭풍신호소 Storm signal station			<a href="#">SISTAW</a>	<a href="#">CATSIW</a>	7	P	<a href="#">13.4</a>		
29	⊙SS(Weather)	기상신호소 Weather signal station			<a href="#">SISTAW</a>	<a href="#">CATSIW</a>	6	P	<a href="#">13.4</a>		
30	⊙SS(Ice)	유빙신호소 Ice signal station			<a href="#">SISTAW</a>	<a href="#">CATSIW</a>	8	P	<a href="#">13.4</a>		
31	⊙SS(Time)	시보신호소 Time signal station			<a href="#">SISTAW</a>	<a href="#">CATSIW</a>	9	P	<a href="#">13.4</a>		
32.1	# ㉔	검조표척 Tide scale			<a href="#">SISTAW</a>	<a href="#">CATSIW</a>	13	P	<a href="#">13.4</a>		
32.2	⊙Tide gauge	검조소 Tide gauge			<a href="#">SISTAW</a>	<a href="#">CATSIW</a>	12	P	<a href="#">13.4</a>		
33	⊙SS(Tide)	조석신호소 Tide signal station			<a href="#">SISTAW</a>	<a href="#">CATSIW</a>	10	P	<a href="#">13.4</a>		
34	⊙SS(Stream)	조류신호소 Tidal stream signal station			<a href="#">SISTAW</a>	<a href="#">CATSIW</a>	11	P	<a href="#">13.4</a>		
35	⊙SS(Danger)	행행주의 신호소 Danger signal station			<a href="#">SISTAW</a>	<a href="#">CATSIW</a>	1	P	<a href="#">13.4</a>		
36	⊙SS(Firing)	사격훈련신호소 Firing practice signal station			<a href="#">SISTAW</a>	<a href="#">CATSIW</a>	1/4	P	<a href="#">13.4</a>		

## IU 소형선용 시설 Small Craft Facilities

소형선용시설 <b>Small Craft Facilities</b> 교통용구조물,교량 Transport Features, Bridges → <a href="#">ID</a> 공공건물,기중기 Public Buildings Cranes → <a href="#">IF</a> 도선,해양경비,신호국 Pilots, Coastguards, Rescue, Signal Stations → <a href="#">II</a>											
1.1		보트,요트 전용항 Yacht harbour, marina			<a href="#">HRBFAC</a>	<a href="#">CATHAF</a>	5	P/A	<a href="#">4.6.1</a>		

INT1 to S-57/52 for ENC5

1.2		편의시설이 없는 요트계류장 Yacht berths without facilities			<a href="#">HRBFAC</a>	<a href="#">CATHAF INFORM</a>	5	P/A	<a href="#">4.6.1</a>		
2		유람선(방문객용) 정박지 Visitors berth			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	1	P/A	<a href="#">4.6.5</a>		
3		유람선(방문객) 계선부표 Visitors' mooring			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	29	P/A	<a href="#">4.6.5</a>		
4		요트, 항해 클럽 Yacht club, Sailing club			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	2	P/A	<a href="#">4.6.5</a>		
5		경사대 Public slipway			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	28	P/A	<a href="#">4.6.5</a>		
					<a href="#">SLCONS</a>	<a href="#">CATSLC</a>	13	L			
6		보트 양륙 Boat hoist			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	3	P/A	<a href="#">4.6.5</a>		
7		상륙, 계단, 사다리 Public landing, Steps, Ladder			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	28	P/A	<a href="#">4.6.5</a>		
8		돛 수선 및 제작소 Sailmaker			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	4	P/A	<a href="#">4.6.5</a>		
9		보트수리 및 제작소 Boatyard			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	5	P/A	<a href="#">4.6.5</a>		
10		숙박시설 Public House, Inn			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	6	P/A	<a href="#">4.6.5</a>		
11		음식점 Restaurant			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	7	P/A	<a href="#">4.6.5</a>		
12		선용품 보급업체 Chandler			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	8	P/A	<a href="#">4.6.5</a>		
13		부식보급업체 Provisions			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	9	P/A	<a href="#">4.6.5</a>		
14		은행, 환전소 Bank, Bureau de change			<a href="#">BUIISGL</a>	<a href="#">FUNCTN</a>	13	P/A	4.8.15		
15		의사 Physician, Doctor			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	10	P/A	<a href="#">4.6.5</a>		
16		약국 Pharmacy, Chemist			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	11	P/A	<a href="#">4.6.5</a>		

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17		급수전 Water tap			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	12	P/A	<a href="#">4.6.5</a>		
18		연료유 보급소 Fuel station (Petrol, Diesel)			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	13	P/A	<a href="#">4.6.5</a>		
19		전기보급소 Electricity			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	14	P/A	<a href="#">4.6.5</a>		
20		가스판매 충전 Bottle gas			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	15	P/A	<a href="#">4.6.5</a>		
21		샤워시설 Showers			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	16	P/A	<a href="#">4.6.5</a>		
22		세탁시설 Laundrette			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	17	P/A	<a href="#">4.6.5</a>		
23		공중화장실 Public toilets			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	18	P/A	<a href="#">4.6.5</a>		
24		우체통 Post box			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	19	P	<a href="#">4.6.5</a>		
25		공중전화 Public Telephone			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	20	P	<a href="#">4.6.5</a>		
26		쓰레기수거시설 Refuse bin			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	21	P	<a href="#">4.6.5</a>		
27		주차장 Public car park			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	22	P/A	<a href="#">4.6.5</a>		
28		보트와 트레일러용 주차장 Parking for boats and trailers			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	23	P/A	<a href="#">4.6.5</a>		
29		주거용차량야영장 Caravan site			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	24	P/A	<a href="#">4.6.5</a>		
30		야영장 Camping site			<a href="#">SMCFAC</a>	<a href="#">CATSCF</a>	25	P/A	<a href="#">4.6.5</a>		
31		해양경찰 Water police			<a href="#">BUISGL</a>	<a href="#">FUNCTN</a>	10	P/A	<a href="#">4.8.15</a>		