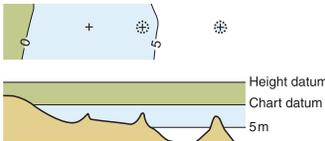
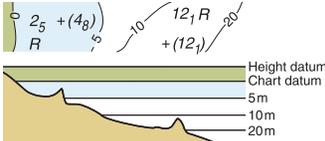
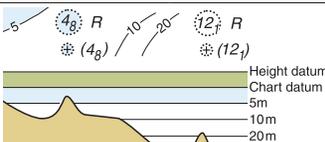
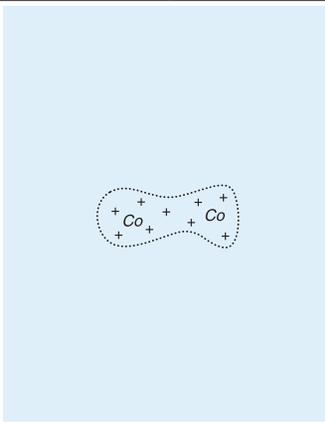
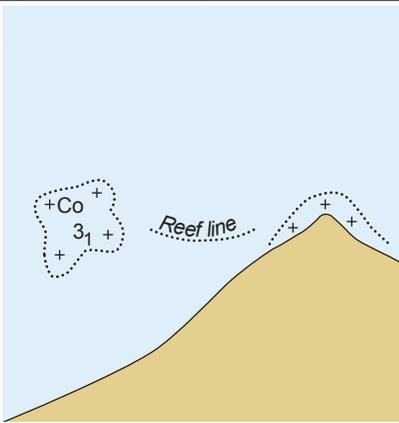
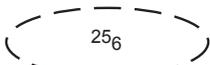
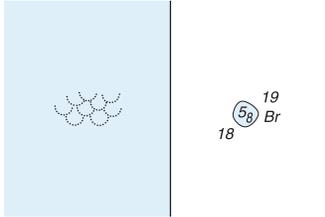
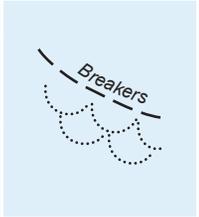
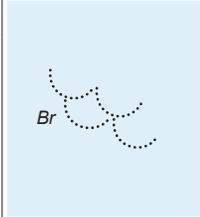
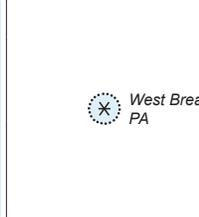
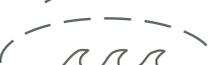
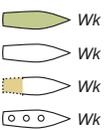
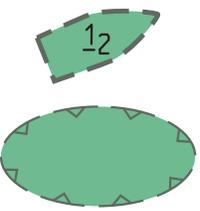
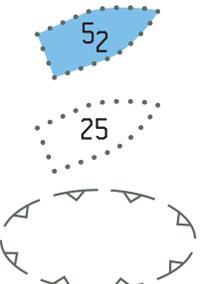
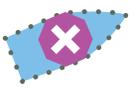
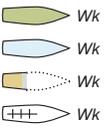
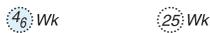


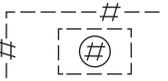
No.	INT	Description	NOAA	NGA	Other NGA	ECDIS	
General							
1		Danger line: A danger line draws attention to a danger which would not stand out clearly enough if represented solely by its symbol (e.g. isolated rock) or delimits an area containing numerous dangers, through which it is unsafe to navigate					Obstruction, depth not stated Obstruction which covers and uncovers Underwater hazard with depth of 20 meters or less Isolated danger of depth less than the safety contour Foul area, not safe for navigation
2		Swept by wire drag or diver	<u>21</u> , Rk <u>35</u> , Rk		$\#$, (15 ₇)	 	Swept sounding, less than or equal to safety depth Swept sounding, greater than safety depth
3		Depth unknown, but estimated to have a safe clearance to the depth shown	<u>35</u> Rk			ECDIS displays safe clearance depths in the same manner as known depths.	
Rocks							
Plane of Reference for Heights → H			Plane of Reference for Depths → H				
10		Rock (islet) which does not cover, height above height datum				 	Land as a point at small scale Land as an area, with an elevation or control point
11		Rock which covers and uncovers, height above chart datum				 	Rock which covers and uncovers or is awash at low water Underwater hazard which covers and uncovers with drying height Isolated danger of depth less than the safety contour
12		Rock awash at the level of chart datum				 	Rock which covers and uncovers or is awash at low water Underwater hazard which covers and uncovers Isolated danger of depth less than the safety contour

K Rocks, Wrecks, Obstructions, Aquaculture

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS	
13		Underwater rock of unknown depth, dangerous to surface navigation				 	Dangerous underwater rock of uncertain depth Isolated danger of depth less than the safety contour
14.1		Underwater rock of known depth; inside the corresponding depth area	12 Rk	27 Rk 21 R			Underwater hazard with a depth of 20 meters or less
14.2		Underwater rock of known depth; outside the corresponding depth area, dangerous to surface navigation		 		 	Underwater hazard with depth greater than 20 meters Isolated danger of depth less than the safety contour
15		Underwater rock of known depth, not dangerous to surface navigation	35Rk		35 _R +(35)	 	Underwater hazard with a depth of 20 meters or less Underwater hazard with depth greater than 20 meters
16		Coral reef which is always covered				     	Dangerous underwater rock of uncertain depth Obstruction, depth not stated Isolated danger of depth less than the safety contour Safe clearance shoaler than safety contour Safe clearance deeper than safety contour Safe clearance deeper than 20 meters
17		Breakers				  	Overfalls, tide rips; eddies; breakwaters as point, line, and area

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS
Wrecks and Fouls						
Plane of Reference for Depths → H						
20		Wreck, hull never covers, on large scale charts				 1.2 m Wreck, always dry, with height shown
21		Wreck, covers and uncovers, on large scale charts				 Wreck, covers and uncovers Distributed remains of wreck
22		Submerged wreck, depth known, on large scale charts				 Submerged wreck with depth of 20 meters or less Submerged wreck with depth greater than 20 meters Distributed remains of wreck
23		Submerged wreck, depth unknown, on large scale charts				 Submerged wreck with depth less than the safety contour or depth unknown
24		Wreck showing any portion of hull or superstructure at level of chart datum				 Wreck showing any portion of hull or superstructure at level of chart datum
25		Wreck of which the mast(s) only are visible at chart datum				
26		Wreck, least depth known by sounding only				 Underwater hazard with depth of 20 meters or less Underwater hazard with depth greater than 20 meters Isolated danger of depth less than the safety contour

K Rocks, Wrecks, Obstructions, Aquaculture

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS	
27	 	Wreck, least depth known, swept by wire drag or diver	<u>25</u> Wk			  	Swept sounding for underwater hazard less than safety depth Swept sounding for underwater hazard greater than or equal to safety depth Isolated danger of depth less than the safety contour
28		Dangerous wreck, depth unknown				 	Dangerous wreck, depth unknown Isolated danger of depth less than the safety contour
29	++	Sunken wreck, not dangerous to surface navigation				++	Non-dangerous wreck, depth unknown
30		Wreck, least depth unknown, but considered to have a safe clearance to the depth shown				  	Underwater hazard with safe clearance of 20 meters or less Underwater hazard with safe clearance greater than 20 meters Isolated danger of depth less than the safety contour
31.1	# (25)	Foul ground, not dangerous to surface navigation, but to be avoided by vessels anchoring, trawling, etc. (e.g. remains of wreck, cleared platform)				# 	Foul area of seabed safe for navigation but not for anchoring Foul ground
31.2							Distributed remains of wreck
Obstructions and Aquaculture							
Plane of Reference for Depths → H		Kelp, Seaweed → J	Underwater Installations → L				
40	 	Obstruction, depth unknown				  	Obstruction, depth not stated Isolated danger of depth less than the safety contour Safe clearance shoaler than safety contour

Rocks, Wrecks, Obstructions, Aquaculture

K

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS	
41	<i>Obstn</i> <i>Obstn</i>	Obstruction, least depth known by sounding only				 	Underwater hazard with depth of 20 meters or less Underwater hazard with depth greater than 20 meters Isolated danger of depth less than the safety contour
42	<i>Obstn</i> <i>Obstn</i>	Obstruction, least depth known, swept by wire drag or diver				 	Less than or equal to safety depth Greater than safety depth Method of depth measurement is obtained by cursor pick
43.1	<i>Obstn</i>	Stumps of posts or piles, wholly submerged				 	Obstruction, depth not stated Underwater hazard with depth of 20 meters or less Isolated danger of depth less than the safety contour
43.2		Submerged pile, stake, snag, or stump (with exact position)	 	 		 	Underwater hazard with depth of 20 meters or less Isolated danger of depth less than the safety contour
44.1		Fishing stakes				 	Fish stakes as a point Fish stakes as an area
44.2		Fish trap, Fish weir, Tunny nets					Fish trap, fish weir, tunny net as a point
45	<i>Fish traps</i> <i>Tunny nets</i>	Fish trap area, Tunny nets area					Fish trap, fish weir, tunny net as an area

K Rocks, Wrecks, Obstructions, Aquaculture

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS	
46.1		Fish haven				 	<p>Isolated danger of depth less than the safety contour</p> <p>Safe clearance shoaler than safety contour</p>
46.2		Fish haven with minimum depth				 	<p>Underwater hazard with depth of 20 meters or less</p> <p>Underwater hazard with depth greater than 20 meters</p> <p>Isolated danger of depth less than the safety contour</p> <p>Safe clearance shoaler than safety contour</p> <p>Safe clearance deeper than safety contour</p> <p>Safe clearance deeper than 20 meters</p>
47		Shellfish beds					Marine farm as a point
48.1		Marine farm (on large scale charts)					Marine farm as an area
48.2		Marine farm (on small scale charts)					

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS
Supplementary National Symbols						
a		Rock awash (height unknown)	*			
b		Shoal sounding on isolated rock or rocks			 	
c		Sunken wreck covered 20 to 30 meters	++			
d		Submarine volcano		<i>Sub vol</i>		
e		Discolored water		<i>Discol water</i>		
f		Sunken danger with depth cleared (swept) by wire drag				
g		Reef of unknown extent	<i>Reef</i>			
h		Coral reef, detached (uncovers at sounding datum)				
i		Submerged crib				
j		Crib, duck blind (above water)	Duck Blind Crib			
k		Submerged duck blind	<i>Duck Blind</i>			
l		Submerged platform				
m		Coral reef which covers and uncovers				
n		Sinkers				
o		Foul area, foul with rocks or wreckage, dangerous to navigation	 			
p		Unexploded ordnance	 <i>Unexploded Ordnance</i>	 <i>Unexploded Ordnance</i>		
q		Float				
r		Stumps of posts or piles, which cover and uncover				