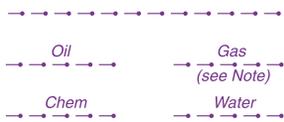
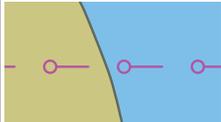
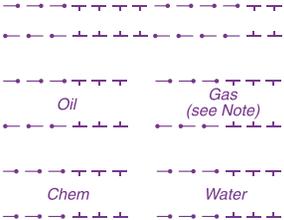
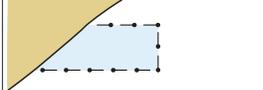


L Offshore Installations

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS
General						
Areas, Limits → N						
1	<i>Ekofisk Oilfield</i>	Name of oilfield or gasfield				Area to be navigated with caution, name is obtained by cursor pick
2	Z-44	Platform with designation/name				Offshore platform, name is obtained by cursor pick
3		Limit of safety zone around offshore installation				Area where entry is prohibited or restricted or to be avoided, with other cautions
4		Limit of development area				Cautionary area, navigate with caution
5.1		Wind turbine, floating wind turbine, vertical clearance under blade				Wind motor visually conspicuous
5.2		Offshore wind farm				Wind farm (offshore)
		Offshore wind farm (floating)				
6		Wave farm				Wave farm
Platforms and Moorings						
Mooring Buoys → Q						
10		Production platform, Platform, Oil derrick				Offshore platform
11		Flare stack (at sea)				Conspicuous flare stack on offshore platform

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS	
12		Single Point Mooring (SPM), including Single Anchor Leg Mooring (SALM), Articulated Loading Column (ALC)					Offshore platform, name and status of disused is obtained by cursor pick
13		Observation/research platform (with name)					
14		Disused platform with superstructure removed					
15		Artificial island					
16		Single Buoy Mooring (SBM), Oil or gas installation buoy including Catenary Anchor Leg Mooring (CALM)					
							Installation buoy, paper chart
17		Moored storage tanker					Offshore platform
18		Mooring ground tackle					Ground tackle
Underwater Installations						Supplementary national symbol: a	
Plane of Reference for Depths → H		Obstructions → K					
20		Submerged production well	 		 	 	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
21.1		Suspended well, depth over wellhead unknown					Isolated danger of depth less than the safety contour
21.2		Suspended well, with depth over wellhead	 			 	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
21.3		Wellhead with height above the sea floor					Isolated danger of depth less than the safety contour

L Offshore Installations

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS	
22	#	Site of cleared platform				#	Foul area of seabed safe for navigation but not for anchoring
23	 Pipe  <i>Pipe (1g)</i>	Above-water wellhead (lit or unlit)	o Pipe		 <i>Pipe (24)</i>		Obstruction in the water which is always above water level
24	 <i>Turbine</i>  <i>FI(2)</i> <i>Underwater Turbine</i>	Underwater turbine				 	Underwater turbine or subsurface ODAS
25	 <i>ODAS</i>	Subsurface Ocean(ographic) Data Acquisition System (ODAS)				 	
Submarine Cables							
30.1		Submarine cable					Submarine cable
30.2		Submarine cable area	 <i>Cable Area</i>				
31.1		Submarine power cable					Submarine cable area
31.2		Submarine power cable area					
32		Disused submarine cable				 	Status of disused is obtained by cursor pick
Submarine Pipelines							
40.1		Supply pipeline: unspecified, oil, gas, chemicals, water					Oil, gas pipeline, submerged or on land
40.2		Supply pipeline area: unspecified, oil, gas, chemicals, water	 <i>Pipeline Area</i>				Submarine pipeline area with potentially dangerous contents

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS	
41.1		Outfall and intake: unspecified, water, sewer, outfall, intake					Water pipeline, sewer, etc.
		Outfall and intake area: unspecified, water, sewer, outfall, intake					Submarine pipeline area with generally non-dangerous contents
42.1		Buried pipeline/pipe (with nominal depth to which buried)					Nominal depth of buried pipeline is obtained by cursor pick
42.2		Pipeline tunnel					Pipeline tunnel
43		Diffuser, Crib					Underwater hazard with depth of 20 meters or less
							Isolated danger of depth less than the safety contour
44		Disused pipeline/pipe					Status of disused is obtained by cursor pick
Supplementary National Symbols							
a		Submerged well (buoyed)					
b		Potable water intake					