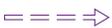
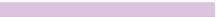
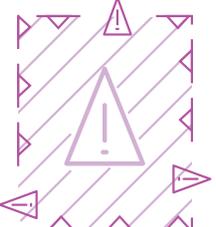


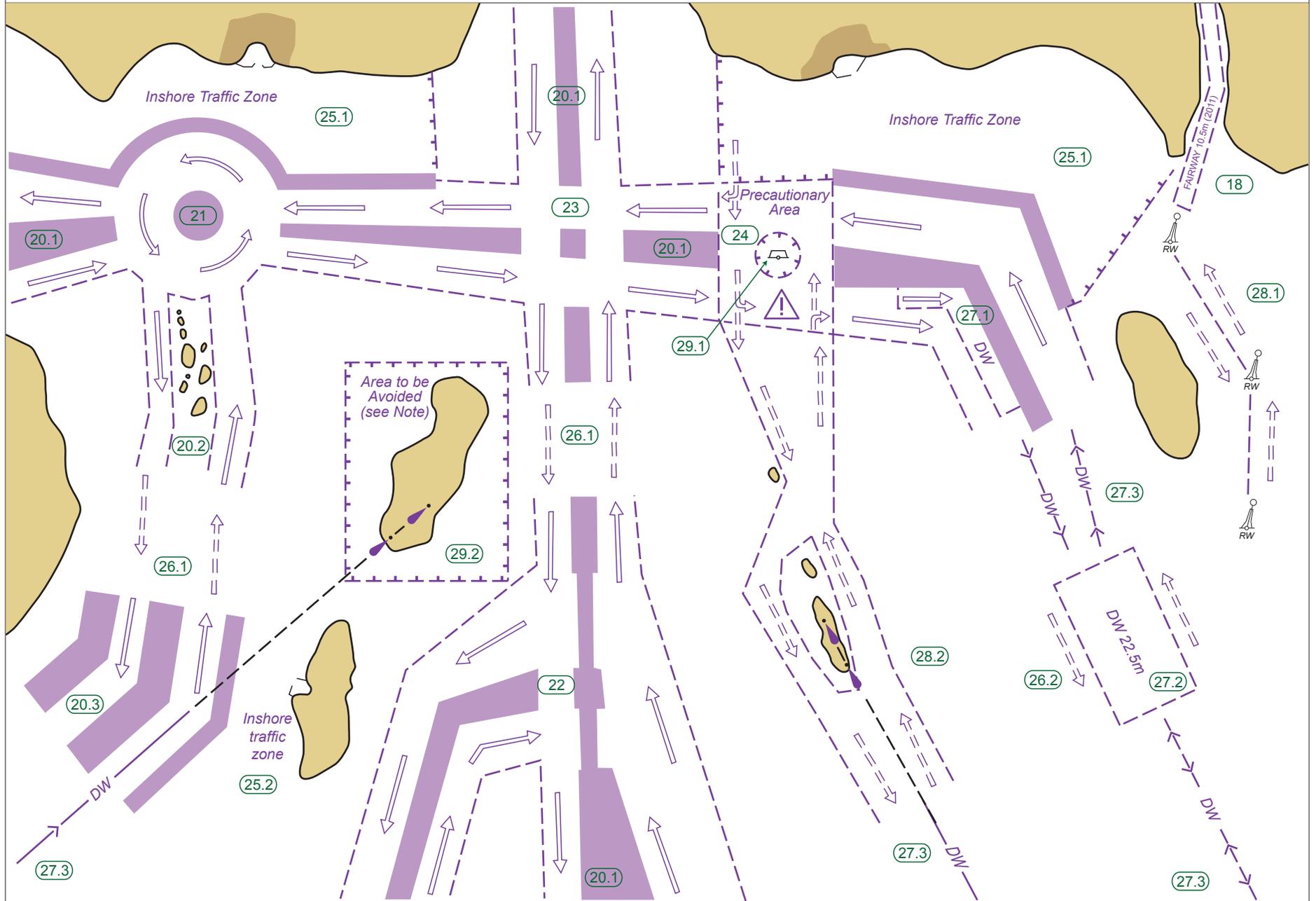
# M Tracks, Routes

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS
Tracks						Supplementary national symbols: a–c
Tracks Marked by Lights → P			Leading Beacons → Q			
1		Leading line (solid line is the track to be followed, ≠ means "in line")		Lights in line 090°		<p>Leading line bearing a non-regulated, recommended track</p> <p>- &lt;?&gt; - - - - &lt; Direction not encoded</p> <p>- - - - &lt; 270 deg One-way</p> <p>- - - - &lt; 270 deg Two-way</p>
2		Transit (other than leading line), clearing line		Beacons in line 090°		<p>270 deg</p> <p>Clearing line; transit line</p>
3		Recommended track based on a system of fixed marks		Lights in line 090°		<p>Non-regulated, recommended track based on fixed marks</p> <p>- &lt;?&gt; - - - - &lt; Direction not encoded</p> <p>- - - - &gt; 90 deg One-way</p> <p>- - - - &gt; 270 deg Two-way</p>
4		Recommended track not based on a system of fixed marks				<p>Non-regulated, recommended track not based on fixed marks</p> <p>- &lt;?&gt; - - - - &lt; Direction not encoded</p> <p>- - - - &gt; 90 deg One-way</p> <p>- - - - &gt; 270 deg Two-way</p>
5.1		One-way track and DW track based on a system of fixed marks				<p>Based on fixed marks, one-way</p> <p>- - - - &gt; 90 deg Non-regulated recommended track</p> <p>- - - - &gt; DW - - - - Deep water route</p>
5.2		One-way track and DW track not based on a system of fixed marks				<p>Not based on fixed marks, one-way</p> <p>- - - - &gt; 90 deg Non-regulated recommended track</p> <p>- - - - &gt; DW - - - - Deep water route centerline</p>
6		Recommended track with maximum authorized (or recommended) draft stated				<p>If encoded, the shoalest depth range value along the track is obtained by cursor pick</p>

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS
<b>Routing Measures</b>						Supplementary national symbols: d–e
<b>Basic Symbols</b>						
10		Established (mandatory) direction of traffic flow				 Traffic direction in a one-way lane of a traffic separation scheme
11		Recommended direction of traffic flow				 Single traffic direction in a two-way route part of a traffic-separation scheme
12		Separation line (large scale, small scale)				 Traffic separation line
13		Separation zone				 Traffic separation zone
14		Limit of restricted routing measure (e.g. Inshore Traffic Zone (ITZ), Area to be Avoided (ATBA))				
15		Limit of routing measure				 Traffic separation scheme boundary
16		Precautionary area				 Traffic precautionary area as a point
						 Traffic precautionary area as an area
17		Archipelagic Sea Lane (ASL); axis line and limit beyond which vessels shall not navigate				 Axis and boundary of archipelagic sea lane
18		Fairway designated by regulatory authority with minimum depth				 Fairway, depth is obtained by cursor pick
		Fairway designated by regulatory authority with maximum authorized draft				

# M Tracks, Routes

Examples of Routing Measures on Paper/Raster Charts

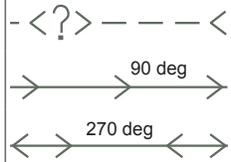
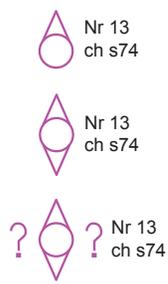
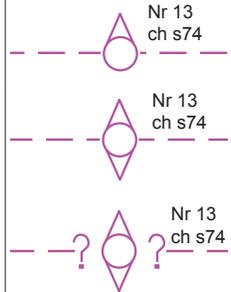


No.	
<b>Examples of Routing Measures</b>	
18	Safety fairway
20.1	Traffic Separation Scheme (TSS), traffic separated by separation zone
20.2	Traffic Separation Scheme, traffic separated by natural obstructions
20.3	Traffic Separation Scheme, with outer separation zone separating traffic using scheme from traffic not using it
21	Traffic Separation Scheme, roundabout with separation zone
22	Traffic Separation Scheme, with “crossing gates”
23	Traffic Separation Scheme crossing, without designated precautionary area
24	Precautionary area
25.1	Inshore Traffic Zone (ITZ), with defined end limits
25.2	Inshore Traffic Zone, without defined end limits
26.1	Recommended direction of traffic flow, between traffic separation schemes
26.2	Recommended direction of traffic flow, for ships not needing a deep water route
27.1	Deep water route (DW), as part of one-way traffic lane
27.2	Two-way deep water route, with minimum depth stated
27.3	Deep water route, centerline as recommended one-way or two-way track
28.1	Recommended route, one-way and two-way (often marked by centerline buoys)
28.2	Two-way route, with one-way sections
29.1	Area to be Avoided (ATBA), around navigational aid
29.2	Area to be Avoided, e.g. because of danger of stranding

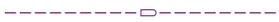
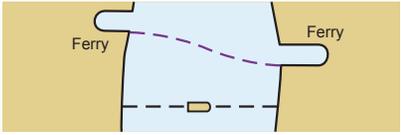
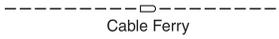
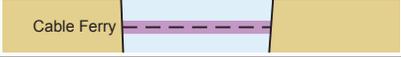
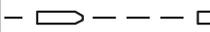
# M Tracks, Routes

Examples of Routing Measures in ECDIS



No.	INT	Description	NOAA	NGA	Other NGA	ECDIS
<b>Radar Surveillance Systems</b>						
30	 Radar Surveillance Station	Radar surveillance station	 Ra			 Radar station
31		Radar range				 Radar range
32.1		Radar reference line				 Radar line
32.2		Radar reference line coinciding with a leading line				<p>Non-regulated recommended track based on fixed marks</p> 
<b>Radio Reporting Points</b>						
40.1		Radio reporting (calling-in or way) points showing direction(s) of vessel movement with designation (if any) and VHF-channel				
40.2		Radio reporting line				

# M Tracks, Routes

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS
<b>Ferries</b>						
50		Ferry				 Ferry route
51		Cable Ferry				 Cable ferry route
<b>Supplementary National Symbols</b>						
a		Recommended track for deep draft vessels (track not defined by fixed marks)				
b		Depth is shown where it has been obtained by the cognizant authority				
c		Alternate course				