



Quick Guide to ENC Symbols



This quick reference guide is to help you recognise some of the lesser known ENC symbols. It is not intended to replace "ECDIS Chart 1".

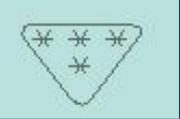
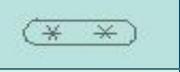
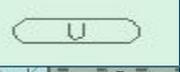
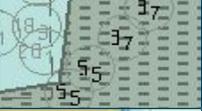
The ENC symbols shown are in daytime colours. They may be shown in different colours / shades in night-time palette.

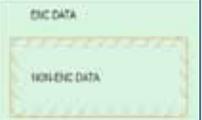
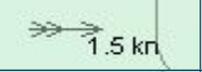
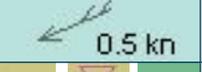
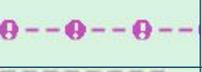
Symbol setting on ECDIS			
Simplified	Traditional		
		Buoys - lateral - conical - red/green, according to applicable IALA system	Q130.1
		Cardinal Marks - North West East South	Q130.3
		Isolated danger marks	Q130.4
		Lateral can buoys - red/green	Q130.1
		Safe water buoy	Q130.5
		Spar or pillar lateral beacons - red/green	Q130
		Spar or pillar - special marks	Q130.6
		Special purpose buoys	Q130.6

QUICK GUIDE TO AusENC SYMBOLS

This AusENC quick reference guide is designed to provide users with images and information on some common and lesser known ENC symbols, however it is not intended to replace 'ECDIS Chart 1'. The symbols are shown in daytime colours and may be displayed in different colours in night-time palette.



AUSENC SYMBOL	MEANING	INT 1 REF
	Isolated danger - depth less than the user-selected safety contour, particularly where depth is unknown or over wrecks, rocks or obstructions.	K
	Sounding of low accuracy - is denoted by a circle around the depth value. Equates to sounding of doubtful depth in Int 1 NP 5011	I2
	6 stars A1 Area of 5m (horizontal) and 0.5m (vertical) accuracy with full sonar search between surveyed depths. Significant seafloor features detected.	
	5 stars A2 Area of 20m (horizontal) and 1m (vertical) accuracy with full sonar search between surveyed depths. Significant seafloor features detected.	
	4 stars B Area of 50m (horizontal) and 1m (vertical) accuracy with full sonar search between depths not achieved. Uncharted features, hazardous to surface navigation are not expected but may exist.	
	3 stars C Area of low accuracy or incomplete. Full area search not achieved, depth anomalies may be expected.	
	2 stars D Unreliable area. Full area search not achieved, large depth anomalies may be expected.	
	U Unassessed. The quality of the bathymetric data has yet to be assessed.	
	Unsurveyed areas, including those that may contain a few isolated soundings, as shown in the shaded area and are not recommended for navigation.	
	Caution area - a specific caution note applies to this symbol and can be viewed via cursor enquiry.	N64
	Depicted dredged area is deeper than user-selected safety contour, whilst the darker blue indicates water that is shoaler than safety contour. Safety contour is driven by the ship's draft and safety margin as entered in the ECDIS/ECS. The safety contour then 'snaps' to the next deepest regular depth contour.	

AUSENC SYMBOL	MEANING	INT 1 REF
	Depths shoaler than the currently set ship's draft plus safety margin are shown in black, whilst those deeper and unlikely to affect the ship are shown in grey.	
	Vertical lines indicate an area where a user has zoomed in more than the scale of the data should permit. To view the data at the appropriate scale, zoom out until the vertical lines disappear.	
	Orange peck lines indicate limit between area of unofficial vector data and official ENC data. Alternative official charts must be used for navigation by SOLAS/commercial vessels within areas of unofficial vector data.	
	The 'T' pecked line indicates the limit of a variety of Marine Reserves and Environmental Sensitive Sea Areas (such as the Great Barrier Reef Marine Park). Mariners should stay outside the 'top' of the 'T' to avoid the restrictions associated with the indicated area.	
	Indicates that an additional information note is available and can be viewed by cursor enquiry.	
	Non-tidal current direction	H42
	Spring tide - Ebb	H41
	Spring tide - Flood	
	Daymarks	Q82
	New Object - Point	
	New Object - Line	
	New Object - Area	
	Buoy - Mooring	Q40