

# **CHECK YOUR CHART SYMBOLS PROGRESS**

**What are the meanings of the following  
AHS Symbols & Abbreviations?**

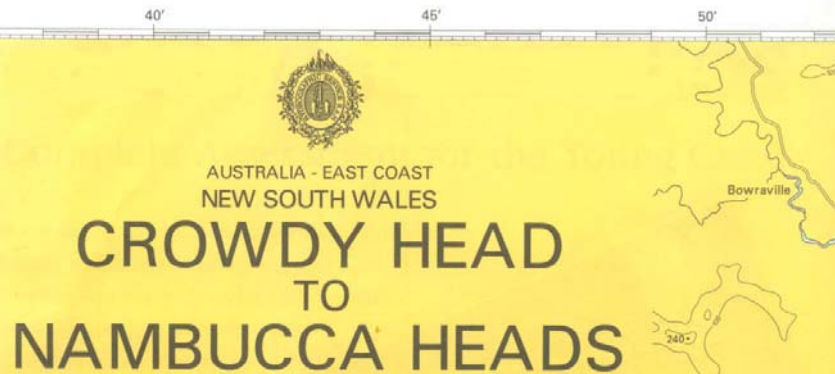
**PRINT OUT AN ANSWER SHEET**

1

WGS 1984 positions CAN be plotted directly onto this chart

Aus 811

DEPTHS IN METRES



**Depths** are in metres and are reduced to Chart Datum, which is approximately the level of Lowest Astronomical Tide. Depths shown in upright figures are from old or inadequate surveys.

**Heights** are in metres. Underlined figures are drying heights in metres and decimetres above Chart Datum; overhead clearance heights are above Highest Astronomical Tide; all other heights are above Mean High Water Springs.

**Positions** are related to the World Geodetic System 1984 Datum; (see SATELLITE DERIVED POSITIONS Note).

**Navigational marks:** IALA Maritime Buoyage System - Region A (Red to port).

**Projection:** Mercator.

**Acknowledgements:** Australian Hydrographic Surveys, Waterways Authority, Public Works Department NSW.

**OMISSIONS FROM CHART**  
Certain navigational aids and other information have been omitted from this chart. For details larger scale charts should be consulted.

**SATELLITE DERIVED POSITIONS**  
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum can be plotted directly onto this chart.

**CURRENTS**  
Attention is drawn to the information in Australia Pilot Vol II referring to currents.

**MILITARY EXERCISE AREAS**  
Military operations are conducted within the area of this chart. For area limits and details see Australian Notice to Mariners No 9.

**ROCK LOBSTER FISHERY**  
During the period January to June, lobster fishing takes place between Evans Head (29° 05' S) and Port Stephens (32° 45' S). When passage permits, mariners are requested to transit outside the 220 metre isobath.

**HISTORIC WRECK**  
The site of an historic wreck is protected from unauthorised interference. For details see Australian Seafarers Handbook AHP 20.

**AUSTRALIAN MARITIME JURISDICTION**  
The territorial sea baseline and the outer limit of Australian maritime zones shown on this chart are sourced from AMBIS V1.1. For Australian maritime boundary information see Australian Seafarers Handbook AHP 20.

Tidal Levels referred to Datum of Soundings

Place	Lat S	Long E	Heights in metres above datum					
			HAT	M <sup>H</sup> HW	MLHW	MSL	M <sup>L</sup> W	MLLW
South West Rocks	30° 54'	153° 01'	1.6	1.3	0.8	0.7	0.6	0.1
Port Macquarie	31 26	152 55	1.7	1.2	1.0	0.6	0.3	0.1
Camden Haven	31.38	152.49	1.5	1.1	0.9	0.6	0.3	0.2
Crowdy Head	?	?					0.5	0.2

**WARNING**  
FOR USE IN TRAINING & ASSESSMENT ONLY  
NOT TO BE USED FOR NAVIGATION

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Furthermore the Commonwealth does not warrant that this product meets any regulations as an appropriate product for navigation or that it contains the latest hydrographic information available.

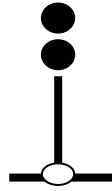
What distance is represented on the arrowed latitude scale?



2

+

3



**4**

**Sh**

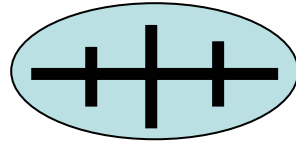
5



**6**

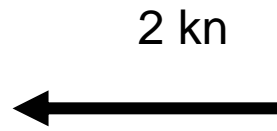
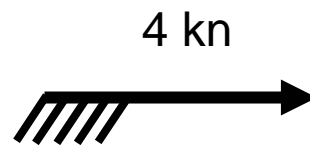
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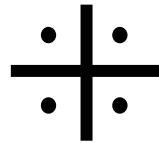
8



9

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10



**11**

**S bk Sh**

12



**END OF TEST**

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