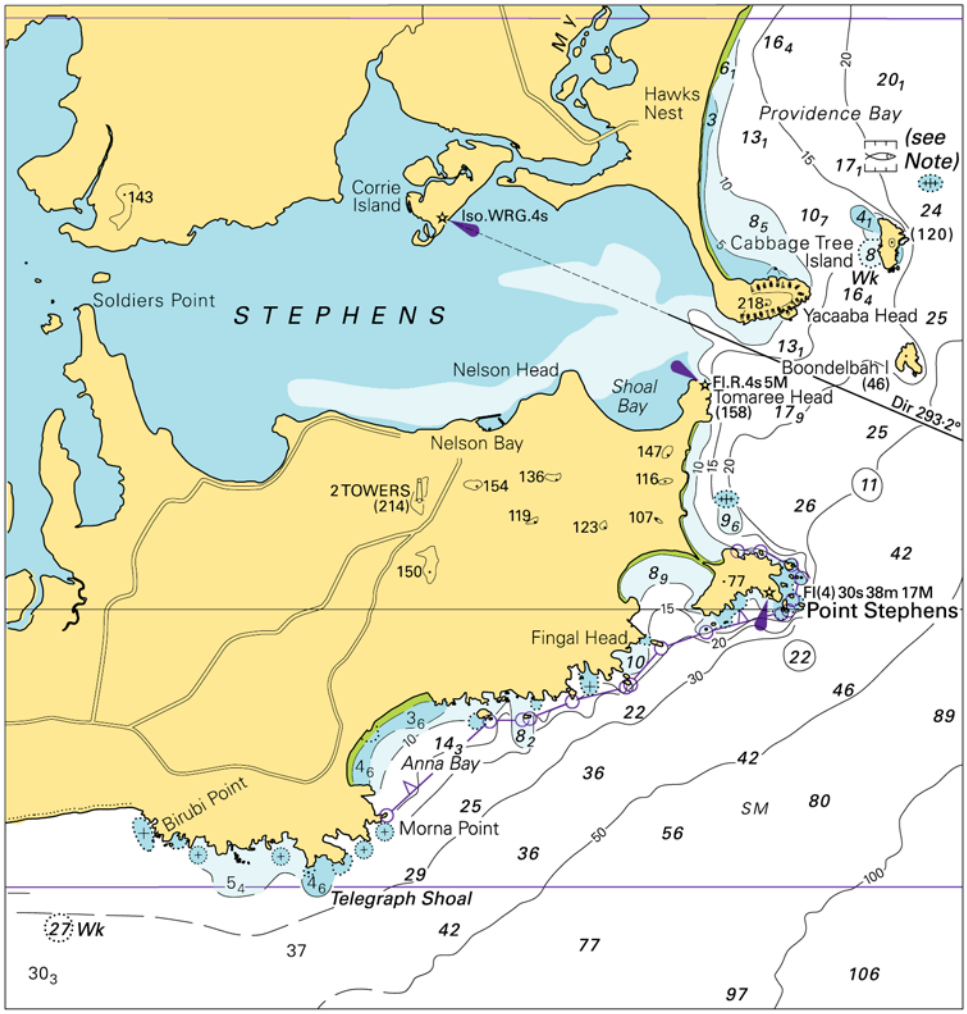
Chart 74154 NM N9/13



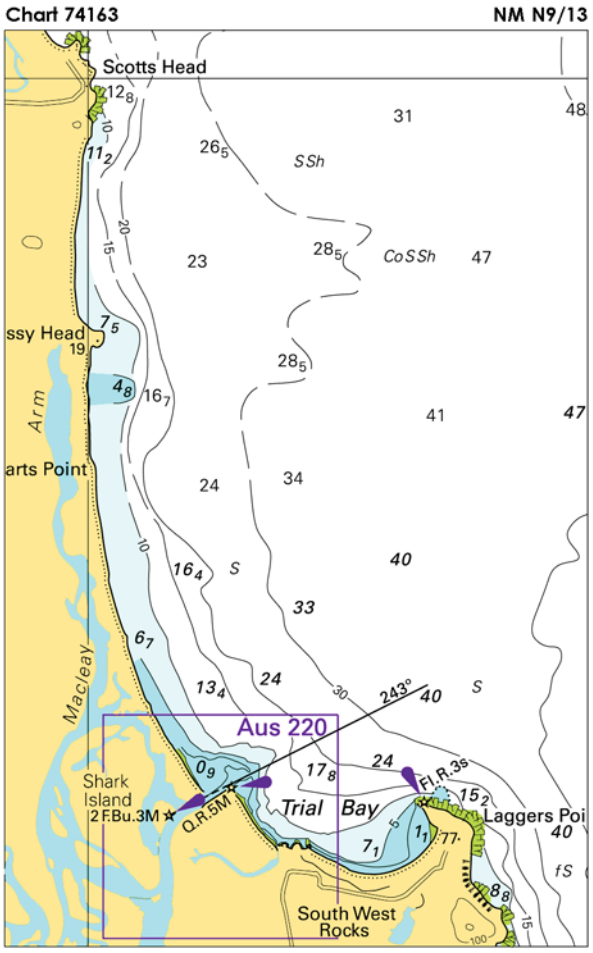


Chart 74163
NM N9/13
Scotts Head
ssy Head
arts Point
Arm
Macleay
Shark
Island
2 F.Bu.3M
Q.R.5M
Aus 220
Trial Bay
Fl.R.3s
Laggers Poi
South West
Rocks
SSh
CoSSh
S
243°

Chart 74164 NM N9/13

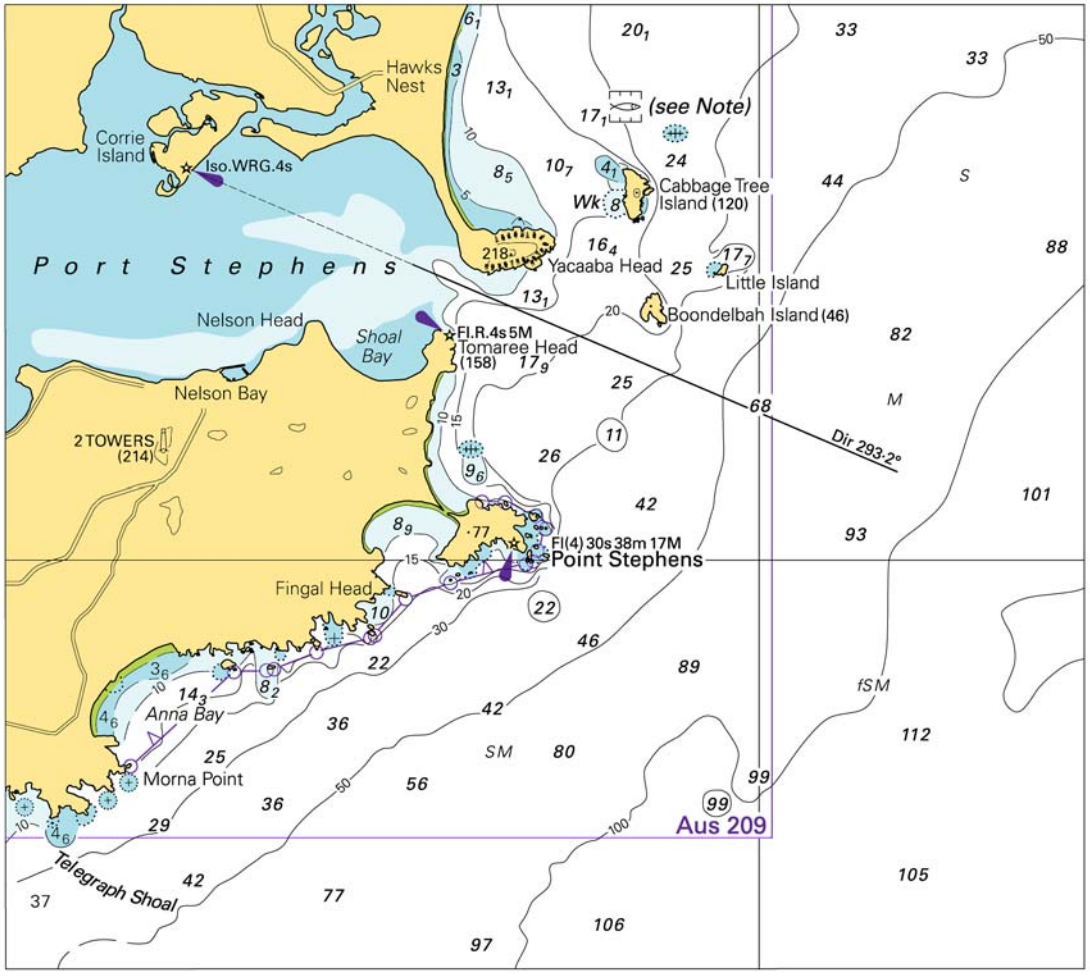


Chart 12311 NM 9/13

CHRISTINA RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH MLLW (FEET)
DELAWARE RIVER TO THE UPPER END OF THE TURNING BASIN	34.0	33.0	36.0	9-12	500-340	0.70	38
THENCE TO LOBDELL CANAL	35.0	34.0	34.0	9-12	400	0.33	35
TURNING BASIN		A37.0		9-12	320	0.34	38
LOBDELL CANAL TO BRANDYWINE CR.		4.5		9-11	250	0.68	21
BRANDYWINE CR. TO MARKET ST.		B0.7		9-11	200	1.24	21
MARKET ST. TO 39°43'38"N, 75°33'40"W		C1.3		9-11	200	0.78	21
THENCE TO END OF CHANNEL		6.7		9-11	200	0.12	10

A. REPORTED DEPTH IS FOR FULL WIDTH OF BASIN.
B. 0.7' DEPTH OBSERVED 27' INSIDE THE LEFT TOELINE OF THE CHANNEL. SURVEY WAS PERFORMED AT HIGH TIDE.
C. 1.3' OBSERVED 22' WITHIN THE LEFT TOELINE OF THE CHANNEL. SURVEY WAS PERFORMED AT HIGH TIDE.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12312 NM 9/13

CHRISTINA RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH MLLW (FEET)
DELAWARE RIVER TO THE UPPER END OF THE TURNING BASIN	34.0	33.0	36.0	9-12	500-340	0.70	38
THENCE TO LOBDELL CANAL	35.0	34.0	34.0	9-12	400	0.33	35
TURNING BASIN		A37.0		9-12	320	0.34	38
LOBDELL CANAL TO BRANDYWINE CR.		4.5		9-11	250	0.68	21
BRANDYWINE CR. TO MARKET ST.		B0.7		9-11	200	1.24	21
MARKET ST. TO 39°43'38"N, 75°33'40"W		C1.3		9-11	200	0.78	21
THENCE TO END OF CHANNEL		6.7		9-11	200	0.12	10

A. REPORTED DEPTH IS FOR FULL WIDTH OF BASIN.
B. 0.7' DEPTH OBSERVED 27' INSIDE THE LEFT TOELINE OF THE CHANNEL. SURVEY WAS PERFORMED AT HIGH TIDE.
C. 1.3' DEPTH OBSERVED 22' WITHIN THE LEFT TOELINE OF THE CHANNEL. SURVEY WAS PERFORMED AT HIGH TIDE.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 74154 (A) NM N9/13

TIDAL STREAMS AND CURRENTS

For information on tidal streams and currents see Australia Pilot Vol III NP 15.

Chart 74154 (B) NM N9/13

MARINE FARMS

Marine farms, which may be floating or fixed structures and their associated moorings should be avoided. The farms are generally marked by buoys or beacons, which may be lit. Their charted positions are approximate.

Chart 74154 (C) NM N9/13

AUSTRALIAN MARITIME JURISDICTION (AMJ)

The territorial sea baseline and the outer limit of Australian maritime zones shown on this chart are sourced from the Geoscience Australia product Australian Maritime Boundaries (AMB). For Australian maritime boundary information see Australian Seafarers Handbook AHP 20.

Chart 74163 (A) NM N9/13

MILITARY EXERCISE AREA

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

Chart 74163 (B) NM N9/13

TIDAL STREAMS AND CURRENTS

For information on tidal streams and currents see Australia Pilot Vol III NP 15.

Chart 74164 (A) NM N9/13

TIDAL STREAMS AND CURRENTS

For information on tidal streams and currents see Australia Pilot Vol III NP 15.

Chart 74164 (B) NM N9/13

MARINE FARMS

Marine farms, which may be floating or fixed structures and their associated moorings should be avoided. The farms are generally marked by buoys or beacons, which may be lit. Their charted positions are approximate.