



YACHTMASTER OFFSHORE CHARTWORK ANSWERS

SOUTH AFRICAN TIDAL CALCULATIONS

1. Clearance 0.31m.
2. Rule of twelfths = 0.85m
Hourly tide tables = 0.84m

NEW ZEALAND TIDAL CALCULATIONS

3. Earliest time for a clearance of 0.5m ~ 1841 hours.
4. Earliest time for a clearance of 0.5m ~ 0902 hours.
5. Latest time for a clearance of 0.5m ~ 1934 hours.

ADMIRALTY TIDAL CALCULATIONS

6. Latest time for a clearance of 0.5m ~ 1537 hours.
7. Latest time for a clearance of 0.5m ~ 1147 hours .
8. Earliest time for a clearance of 0.5m ~ 1234 hours

PLOTTING AND SHAPING COURSE IN TIDAL STREAMS (FALSE BAY AND ENGLISH CHANNEL)

9. CTS = 119°C. ETA = 1242 hours.
10. CTS = 100°C. ETA = 1446 hours.
11. CTS = 204°T + 5° leeway = 209°T + 3° = 212°C. ETA = 2000 hours.
12. CTS = 034°C. ETA = 1930 hours.

FIX BY MERIDIAN PASSAGE

13. 14° 29.5'S 028° 15'W
14. 24° 42.1'N 120° 45'W
15. 21° 17.1'S 104° 44'E
16. 14° 08.6'N 059° 17'E
17. 03° 48.8'N 060° 30'E
18. 35° 18.0'S 031° 52'W
19. 08° 41.8'N 151° 00'W
20. 01° 39.0'S 090° 47'E

