

PART B

13. a) 1338 UT - 26 minutes = 1312 UT = 1412 DST
 b) 0914 UT - 6 minutes = 0908 UT = 1008 DST
14. a) HW Port Fraser HW 0001 UT 4.3m LW 0.4m range 3.9m springs
 b) HW Rozelle Cove HW 0001 UT -38 minutes = 2323 UT 0023 DST 4.5m 0.6m
 c) Ht of tide at 2153 = **2.8m**

PART C

15. a) **324°(T) 1.0 knots**
 b) **314°(T) 0.4 knots**
 c) **138°(T) 1.55 knots**
16. a) HW Victoria 1730 neaps **HW -4 hours 180°(T) 0.4 knots**
 b) HW Victoria 0137 springs **HW +5 hours 219°(T) 2.1 knots**
 c) HW Victoria 1235 UT mid range **HW -1 hours 028°(T) 1.7 knots**
17. a) **107°(T) 2.9 knots**
 b) HW Victoria 1328 springs HW +3 hours **278°(T) 3.1 knots**
 c) HW Victoria 1315
 Tidal stream turns between 2 and 3 hours after HW **1545**
 d) HW Victoria 1158
 Tidal stream turns between 4 and 5 hours before HW **0728**
18. HW Victoria 1737 neaps
 The tidal stream is at the minimum rate of 0.3 knots HW -4 hours **1307 to 1407**