

1. Sextant corrections, index error

Sextant altitude Hs	$27^{\circ} 45.0'$	$59^{\circ} 13.0'$	$07^{\circ} 23.7'$
Index error	21.0' Off	28.0' On	36.4' Off

Hs corrected for index error “On the arc”: – “Off the arc”: +	° . ' .	° . ' .	° . ' .
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2. Sextant corrections, correction for Dip

Sextant altitude Hs corrected for index error	$27^{\circ} 05.7'$	$59^{\circ} 03.0'$	$07^{\circ} 23.2'$
Height of eye	40 m	4.8 m	6 feet

DIP (-)	– . ' .	– . ' .	– . ' .
Apparent altitude Ha	° . ' .	° . ' .	° . ' .

3. Sextant corrections, main correction

Body observed	Sun, UL	Sun, LL	Sun, UL
Time of year	October	June	March
Apparent altitude Ha	$20^{\circ} 09.1'$	$49^{\circ} 53.9'$	$17^{\circ} 06.1'$

Main correction, for the month and Ha: LL + UL –	° . ' .	° . ' .	° . ' .
Observed altitude Ho	° . ' .	° . ' .	° . ' .