

Line of Position: SUN SIGHT REDUCTION WORKSHEET

Dead Reckoning

DATE _____ DR LATITUDE n/s _____ DR LONGITUDE e/w _____ TC _____ SP _____

SIGHT DATA

SEXTANT READING (Hs) _____

INDEX ERROR _____

HEIGHT OF EYE (DIP) _____

SEMI-DIAMETER (ALT) _____

CORRECTIONS _____

OBSERVED ALT (Ho) _____

TIME/GMT

Hrs _____ Min _____ Sec _____

Greenwich Hour Angle/GHA

GHA Hrs _____

GHA Min/sec _____

Total GHA _____

Assumed Long e/w _____

DECLINATION n/s _____ ASSUMED LAT n/s _____ Local Hr Angle _____ (LHA)

PUB NO 249

CALCULATED ALT (Hc Tab) _____

AZIMUTH (Z) _____

Dec factor _____ Dec Cor (table 5) _____

360 Degrees _____

CALCULATED ALT, final (Hc) _____

AZ TRUE (ZN) _____

OBSERVED ALT (Ho) _____

INTERCEPT T/A _____