

POLARIS PRO-FORMA

Log reading:

Day: Month: EP Latitude EP Longitude

	°	lat	day:	hour	min
G.M.T. of civil twilight on Greenwich Meridian at	<input type="text"/>	<input type="text"/>	on	<input type="text"/>	<input type="text"/>
			:	<input type="text"/>	<input type="text"/>
Apply longitude to time correction (+west -east):				<input type="text"/>	<input type="text"/>
				<input type="text"/>	<input type="text"/>
U.T. of civil twilight @ ships E.P:				<input type="text"/>	<input type="text"/>

U.T. of sight

GHA of Aries (hour of sight)

Increment (minutes and seconds) +

= GHA of Aries @ time of sight

Apply long:
(-West +East)

= LHA of Aries

Sextant Alt

Index Error (+off arc/- on arc)

= Observed Altitude

Dip -

= Apparent altitude

Altitude correction

= True altitude

+ a0

+ a1

+ a2

- 01° 00'. 0

= Observed Latitude