

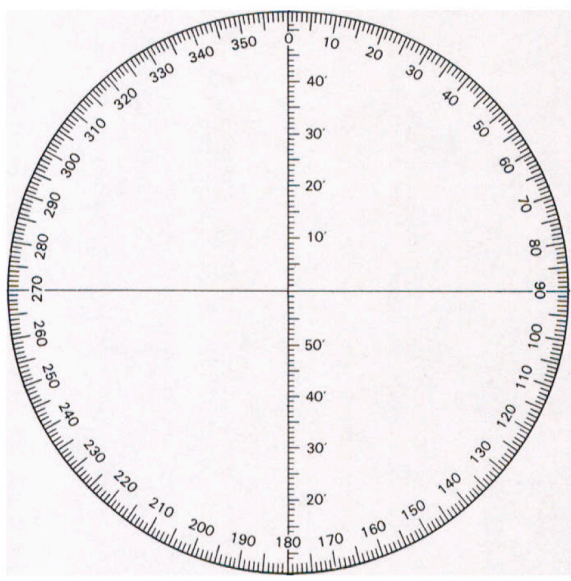
Star-sight plan

E.P. latitude E.P. Longitude MORNING/EVENING TWILIGHT

<div style="border: 1px solid black; background-color: #e0e0e0; padding: 2px;"> Date @ ships EP DAY <input style="width: 40px;" type="text"/> MONTH <input style="width: 40px;" type="text"/> </div>	Sunset/ Nautical Twilight	Civil twilight	Sunrise/ Nautical Twilight
Time on Greenwich Meridian @ ships latitude: <input style="width: 100px;" type="text"/>	<input style="width: 100px;" type="text"/>	<input style="width: 100px;" type="text"/>	<input style="width: 100px;" type="text"/>
Longitude to Time: (+West – East)	<input style="width: 100px;" type="text"/>	<input style="width: 100px;" type="text"/>	<input style="width: 100px;" type="text"/>
<div style="border: 1px solid black; background-color: #e0e0e0; padding: 2px;"> Date @ Greenwich <input style="width: 100px;" type="text"/> </div>	<hr/>		
U.T@ Ship's E.P:	<input style="width: 100px;" type="text"/>	<input style="width: 100px;" type="text"/>	<input style="width: 100px;" type="text"/>
Period in minutes:	<input style="width: 100px;" type="text"/>	<input style="width: 100px;" type="text"/>	
Halve period:	<input style="width: 100px;" type="text"/>	<input style="width: 100px;" type="text"/>	
Available period:	<input style="width: 100px;" type="text"/>	<input style="width: 100px;" type="text"/>	

For the hour of civil twilight <input style="width: 30px;" type="text"/>	find: GHA aries:	<div style="border: 1px solid black; background-color: #e0e0e0; padding: 2px; text-align: center;"> HOUR </div>
increment : <input style="width: 30px;" type="text"/>	MINS	+ <input style="width: 100px;" type="text"/>
= G.H.A Aries @ Civil Twilight		<div style="border: 1px solid black; background-color: #e0e0e0; padding: 2px; text-align: center;"> _____ </div>
Chosen longitude (-West + East)		<div style="border: 1px solid black; background-color: #e0e0e0; padding: 2px; text-align: center;"> _____ </div>
= Local Hour Angle		<div style="border: 1px solid black; background-color: #e0e0e0; padding: 2px; text-align: center;"> _____ </div>

Stars Available:	Hc	Zn
1	<input style="width: 100px;" type="text"/>	<input style="width: 100px;" type="text"/>
2	<input style="width: 100px;" type="text"/>	<input style="width: 100px;" type="text"/>
3	<input style="width: 100px;" type="text"/>	<input style="width: 100px;" type="text"/>
4	<input style="width: 100px;" type="text"/>	<input style="width: 100px;" type="text"/>
5	<input style="width: 100px;" type="text"/>	<input style="width: 100px;" type="text"/>
6	<input style="width: 100px;" type="text"/>	<input style="width: 100px;" type="text"/>
7	<input style="width: 100px;" type="text"/>	<input style="width: 100px;" type="text"/>



1 degree = four minutes of time
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