

Bygrave - Nautical Almanac Form

Body _____

DR Latitude _____ Longitude _____

Watch time _____ Local date _____

W.C. +/- _____

Zone time _____

Z.D. +/- _____

GMT _____ Greenwich date _____

Hs _____

IC +/- _____

Dip - _____

Ref. _____

S.D. +/- _____

T&P +/- _____

Paralx + _____

Moon U.L. only ____ -30

Ho _____

Hc _____

INT. _____ T/A _____ Zn _____

Declination _____ d _____ GHA _____ v _____

Correction _____ <-----/ Correction _____ <-----/

Increment _____

SHA _____

GHA _____

A long _____

Dec. _____ A Lat _____ LHA _____ H _____

BYGRAVE D _____ H _____

Cos _____ Tan _____ 90° (89° 60.0')

Set 0 _____

Set H _____

Set W _____

Set Y _____

Set Az _____

Set 0 _____

H is LHA reduced to the range of 0° to 90°

LAT- _____

Co-Lat _____

W +/- _____

(179° 60')

X _____

Y _____

Az _____

Zn _____

Hc _____

If 270 < LHA < 90
and
Lat and D same name
ADD W
Otherwise
SUBTRACT

Azimuth Rules

	North Latitude	
0 <	LHA < 180	LHA < 360
If DEC or W > LAT	Zn = 360 - Az	Zn = Az
If DEC contrary or W < LAT	Zn = 180 + Az	Zn = 180 - Az
	South Latitude	
If DEC or W > LAT	Zn = 180 + Az	Zn = 180 - Az
If DEC contrary or W < LAT	Zn = 360 - Az	Zn = Az