Azimuth of _____ Date _____

Lat _____ Zt _____

Long _____ Zd _____

GMT_____

Gyro Ø _____ Variation _____ Deviation _____ Gyro heading _____

GhA (h) _____ Dec _____

GhA (m+s)_____ d( ) _____

GhA _____ Dec _____

aλ _____

LhA _____

	LhA		LAT		Dec
( )	_____	( )	_____	( )	_____
( )	_____	( )	_____	( )	_____
	_____		_____		_____
	_____		_____		_____
	_____		_____		_____

_____

_____

_____

_____

base _____

Corr_____

Az _____

Zn _____

	G	E	T
	_____	_____	_____
	G	E	T
	_____	_____	_____

C	D	M	V	T
_____	_____	_____	_____	_____

Amplitude of the Sun

Date _____

Lat _____

Zt _____

Long _____

Zd _____

GMT_____

Gyro Ø _____ Variation _____ Deviation _____ Gyro heading _____

Dec _____

d( ) _____

Dec _____

Amp = $\text{Sin}^{-1}\left(\frac{\text{Sin (Dec)}}{\text{Cos (LAT)}}\right)$

Amp = $\text{Sin}^{-1}\left(\frac{\text{Sin (\_\_\_\_\_)}}{\text{Cos (\_\_\_\_\_)}}\right)$

Amp = _____

Was it on the Celestial Horizon (2/3 above Visible)?

If not, apply the correction:

Amp = _____

Corr = _____

Amp = _____

NW	NE
270 +	90 -
SW	SE
270 -	90 +

Conversion to True:

_____

True Amp = _____

	G	E	T	
	_____	_____	_____	
	G	E	T	
	_____	_____	_____	
C	D	M	V	T
_____	_____	_____	_____	_____

Sun Fix

Date _____

Course _____ Speed _____

LAN

1200 Position

Lat _____ Local Meridian _____

Long _____ Central Meridian _____

Diff of Long _____

Arc to Time _____

LAN at Central Meridian _____

Arc to Time _____

Est of LAN _____

LAT		
LONG		
Zt		
Zd		
GMT		
GhA♈ (h)		
GhA♈ (m+s)		
GhA♈		
aλ		
LhA		
Dec		
d (___)		
Dec		
Ht		
Corr		
Hc		
Z_1		
Z_2		
Zcorr		
Az		
Zn		
Hs		
IC		
Dip (_____)		
Ha		
Main		
Ho		
Ho		
Hc		
"a"		
aLAT		
aLONG		
"a"		
Zn		

LAT	
LONG	
Zt	
Zd	
GMT	
Hs	
IC	
Dip (_____)	
Ha	
Main	
Ho	
Dec	
d (___)	
Dec	
90 – 00.0	
Ho	
Co-alt	
(+/-) Dec	
LAT	

Star Fix

Date _____

Course _____ Speed _____

Body				
LAT				
LONG				
Zt				
Zd				
GMT				
ShA (or v)				
GhA (h)				
GhA (m+s)				
GhA				
aλ				
LhA				
Dec				
d (____)				
Dec				
Ht				
Corr				
Hc				
Z_1				
Z_2				
Zcorr				
Az				
Zn				
Hs				
IC				
Dip (_____)				
Ha				
Main				
HP or v corr				
Ho				
Ho				
Hc				
“a”				
aLAT				
aLONG				
“a”				
Zn				