

SIGHT #	Y			M	DD	Ref:
EP Lat	0		N/S	Hs	0	
EP Lng	0		E/W	IE		
DWT	h	m	s	Dip HOE		90° 89° 60'
DWE	h	m	s + Slow	HA		ZD
ZONE	h	m		SD	+LL	Hc
UT =				Refs.		Int.
				H0		T/A ZN

LTA Sun	OT hr =	+ [L ^Q] [Y] =	LTA #	ψ YYMM	0	
[4] [OT hr] E =	0	(')	dec	0	(')	+
[b] Corr.			[b] Corr.	hhm°	0	+
[c] UT hms	0	+	DEC	mss	0	+
[d] UT.mss	0	+		gha =	0	+
GHA Sun				* sha	0	+
				0/360°	0	-

t (a.m.)	35 9° 60'	OR	t (p.m.)		
EP Lng	W+				
QHA			QHA		
0/360°			EP Lng (W)		
t =			t =		

Z D		ZN	(CONT +)	89° 60'
EPLat			(SAME -)	DEC
DEC			= Polar Diff	
SC			> hv	
AN			▶ d	
ET			= NUM	
DEC			round(3)	

✓ ✓ ✓ ✓ * ✓ - - - 0°			EP Lat	0		
✓ ✓ ✓ - * - - - 0°	+		Hc	0	+	
✓ ✓ - - * - - - 0°	+		hv > s			
✓ - - - * - - - 0°	+		▶ d		+	
			= std			
			1.0000			
			▶ std			
			DEN =		round(3) =	

Z D	0		hv > d	

360°
 ▶ Z 360°
 p.m. ZN = 0°