MORNING SIGHT

Date				DR Lat				N	S
Time UTC				DR Long				W	E

Body	Sextant Reading						Alt Corr
	Index Error	off +, on -	+/-				
	Dip for H/eyes			m	ft	-	
Limb	Apparent Height				Ha		
L C U	Altitude Correction		+/-				
Season (Sun)	Moon	Height Parallax HP		+			
OCT-MAR	only	Upper Limb Correction 30'		-	0	0	
APR-SEP	Height Observed				Ho		

GHA			Tab Decl	N	S		Alm Dly
Mn v			d				
Moon v correction			d correction	Sign +/-			Incr& Corr
mm:ss HA corr							
Total GHA			Declination	N	S		
+360 if GHA<DRLong							
choose A Long near DR Long; cancel mins			round DR Lat to nearest degree				
A Long	E+W-		A Lat	N	S		
LHA		W	SAME	CONTRARY			

Hc0				d'	+/-			Zo			SRT
Alt corr for decl '	+/-										T.5
Hc -											
Ho +											
Ic	+/-										
	+ TOWARDS										
	- AWAY										

LHA	>180	<180
DR N	=	360-
DR S	180-	180+

--> 180/360 +/- Z — round Zo

NOON LATITUDE

Date				DR Lat				N	S
Time UTC				DR Long				W	E

Prime Meridian Passage (Greenwich Time of Transit)						Alm Dly
Time diff full hour meridians (1 hour per 15° DR Long)	W+E-				0	
Time diff partial meridian (DR Long mm:ss reverse lookup)	W+E-					Incr& Corr
Solar Noon at DR Longitude						

Body SUN	Sextant Reading						
Limb	Index Error	off +, on -	+/-				
L C U	Dip for H/eyes			m	ft	-	Alt Corr
Season (Sun)	Apparent Height				Ha		
OCT-MAR	Altitude Correction		+/-				
APR-SEP	Height Observed				Ho		

Zenith	89	60	00
Ho -			
Zenith Distance			

Tab Decl	N	S				Alm Dly
d						
d correction	+/-					Incr& Corr
Declination	N	S				

ZD	+	-	+	+	-	+	+/-	Zenith Distance			
Decl	+	+	-	-	+	+	+/-	Declination			
Decl	N	N	S	N	S	S		Latitude			
DR Lat	N	N	N	S	S	S				N	S
BRG	180	360			180	360					

Know/reckon/measure	Look up	Calculate	Copy previous result	Plot

Alm Dly	Almanac Daily Pages	Alt Corr	"Yellow Pages" Altitude Corrections	Incr& Corr	Increments & Corrections
SRT	Sight Reduction Tables	T.5	"Table 5" Correction to Tabulated Altitude for Minutes of Declination		

AFTERNOON SIGHT

Date				DR Lat				N	S
Time UTC				DR Long				W	E

Body	Sextant Reading						Alt Corr
	Index Error	off +, on -	+/-				
	Dip for H/eyes			m	ft	-	
Limb	Apparent Height				Ha		
L C U	Altitude Correction		+/-				
Season (Sun)	Moon	Height Parallax HP		+			
OCT-MAR	only	Upper Limb Correction 30'		-	0	0	
APR-SEP	Height Observed				Ho		

GHA			Tab Decl	N	S		Alm Dly
Mn v			d				
Moon v correction			d correction	+/-			Incr& Corr
mm:ss HA corr							
Total GHA			Declination	N	S		
+360 if GHA<DRLong							
choose A Long near DR Long; cancel mins			round DR Lat to nearest degree				
A Long	E+W-		A Lat	N	S		
LHA		W	SAME	CONTRARY			

Hc0				d'	+/-			Zo			SRT
Alt corr for decl '	+/-										T.5
Hc -											
Ho +											
Ic	+/-										
	+ TOWARDS										
	- AWAY										

LHA	>180	<180
DR N	=	360-
DR S	180-	180+

--> 180/360 +/- Z — round Zo