


Sight Reduction Form			NORIE's Nautical Tables / Calculator					
Date	. . 20__		Body	☉ ☾ ★		HP	. '	
Location	LAT	° . ' N S		LONG	° . ' E W		Height of Eye	m ft
Chronometer - <small>Start Stop</small>	. .		Sextant / Serial-No.:					
Stopwatch	± .		GHA für h			° . '		
Chr	Σ . .		Increment m s			+ ° . '		
Chronometer-Corr <sup>n</sup>	± . .		v = ± . '		Corr <sup>n</sup>		± . .	
UT	Σ . .		SHA			+ ° . '		
Sextant Altitude	° . '		GHA preliminary/finally			Σ ° . '		
Index Corr <sup>n</sup>	± . .		± 360° ?			± 360° 00.0'		
Sext. Alt. corr. for Index	Σ ° . '		GHA finally/amended			Σ ° . '		
DIP	- . .		LONG (E+ / W-)			± ° . '		
Apparent Altitude	Σ . .		LHA resp. LHA <sub>W</sub>			Σ ° . '		
Alt. Corr <sup>n</sup>	± . .		360°			360° 00.0'		
Alt. Corr <sup>n</sup> (additional)	± . .		- LHA			- ° . '		
H <sub>o</sub> (height observed)	Σ ° . '		360° - LHA = LHA <sub>E</sub>			Σ ° . '		
log cos LAT	. .		Dec for h		N S		° . '	
log cos Dec	+ . .		d = ± . .		Corr <sup>n</sup>		± . .	
log hav LHA	+ . .		Dec (finally)		N S		Σ ° . '	
log hav y	Σ . .		LAT  or  Dec			° . '		
hav y	. .		±  Dec  or - LAT			± ° . '		
hav [LAT ± Dec]	+ . .		(± <small>contrary</small> / <small>same</small> )  LAT ± Dec			Σ ° . '		
hav z	Σ . .		LHA, LAT → A			± . .		
z	° . '		LHA, Dec → B			± . .		
90°	90° 00.0'		C = A + B			Σ ± . .		
-z	- ° . '		LAT, C → Z			N S ° E W		
90° - z = H <sub>c</sub>	Σ ° . '		Zn (0 ... 360°)			. °		
a = H <sub>o</sub> - H <sub>c</sub>	± . .		a ≥ 0 towards away		Prof. Dr. Franka-Maria Mestemacher Kreuzer Yacht Club Deutschland			