MER PASS PRO FORMA

De Zeezeilers Zeezeilschool — RYA TRAINING CENTRE

Date:				
	°	´	.x	
EP/DR:				N / S
				E / W

Sextant Reading (lower / upper)

Hight of Eye		m
Index Error		on / off

	h	m	s
Mer Pass			
(1) Long Time			
LMT time			

	m	d
Greenwich Date:		
Chronometer		
Correction		
UT Sight		

	°	´	.x	
Sex. Alt.				
I.E.				(off +, on -)
(2) DIP				(-/-)
Apparent Alt.				
(3) Alt.corr.				
True Alt. (Ho)				

	°	´	.x		
(4) Decl.				N / S	d= (+/-)
(5) d'				(+/-)	
Decl.				N / S	

	°	´	.x	
	89	60		
Ho				(-/-)
ZD				
Decl.				N / S
	°	´	.x	
Latitude				N / S

Longitude: may be derived from
Time between SUN stops rising and SUN starts declining

if ship and Sun on same hemisphere, if LAT > Decl: Lat = Decl + ZD

if ship and Sun on same hemisphere, if LAT < Decl: Lat = Decl - ZD

if ship and Sun on opposite hemispheres, Latitude = ZD - Decl

(1) Arc to Time	Nautical Almanac
(2) DIP	Nautical Almanac
(3) Altitude Corrections	Nautical Almanac
(4) Daily pages: Sun	Nautical Almanac
(5) Increments and corrections	Nautical Almanac

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