

CELESTIAL PRECOMPUTATION				NAVIGATOR <i>T. Shrier</i>		DATE <i>20 Sep 2019</i>	FIX TIME <i>18:20</i>				
<div style="display: flex; justify-content: center; align-items: center;"> </div>				DEVIATION CHK		DR	LATITUDE <i>N37</i>	TR <i>213</i>	TH <i>210</i>	ALT <i>340</i>	
				BODY		LONGITUDE <i>W114</i>		GS <i>375</i>	TAS <i>434</i>		
				SRB							
				ZN							
T G HDG				BODY		<i>Sun</i>	<i>Moon</i>	POLARIS			
VAR				GHA		BODY <i>94°09'</i>	<i>204°13'</i>				
MAG HDG				7							
		BNS N-1 STBY		+ CORR		<i>1°15'</i>		-			
DEV CORR				SHA							
COMPASS HDG				PLUS 360 IF NECESSARY		<i>360°00'</i>					
4 BODY		<i>☉ ☽</i>		AZIMUTH CORR.		<i>360°</i>					
4 ZN		<i>150 285</i>		GHA *		<i>455°24' 204°13'</i>					
± CONV.				+ - LONG		<i>-11°24' -114°13'</i>					
GRID ZN				LHA *		<i>341° 90°</i>					
6 ZN-TR		<i>+63 -72</i>		ASSUMED LAT.		<i>N37 N37</i>					
5 MOTION OF BODY		<i>-6</i>		DEC.		<i>N1°0' N19°24'</i>					
7 MOTION OF OBSERVER		<i>+2.8</i>									
8 1 MIN ADJ.		<i>-8.8</i>									
XΔ TIME		<i>+5 0</i>									
19 TOTAL MOT. COR.		<i>-44 0</i>									
9 CORIOLIS		<i>+5 -5</i>									
20 WANDER											
21 GS CHGE											
14 MISCEL		<i>+14 -44</i>									
22 TOTAL ADJ.		<i>-25 -49</i>									
ACCELERATION ERROR-CORR TO HC											
BODY		HEADING CHGE		BODY		GS CHGE		PLOT FROM DR LATITUDE			
		LEFT RIGHT	LEFT RIGHT			AHEAD BEHIND	INCREASE DECREASE				
HDG		START		START		END		360			
		END				END					
X FOR FAC 1°		FOR 1°		FOR 1 KT		WANDER CORR					
		WANDER CORR									
GS		START		START		END					
		END				END					
X FOR FAC 1 KT		FOR 1 KT		FOR 1 KT		CHG INC DEC					
		CHG INC DEC									
GS CHG				SIGN REVERSED FROM TABLE							
REFRAC		<i>0 +2</i>		SIGN REVERSED FROM CORR. CURVE							
DOME PERSONAL		<i>+18 +8.5</i>		TOTAL		<i>+14 -44</i>					

Hs TIME	<i>18:15</i>	<i>18:20</i>	
Q FACTOR			
Ha H0249	<i>49°57'</i>	<i>11°18'</i>	DR LAT
TOTAL ADJUST	<i>-25</i>	<i>-49</i>	
CORR	A		
	DEC	<i>0</i>	<i>(+35)+14</i>
Hc	<i>49°32'</i>	<i>10°43'</i>	
Ho	<i>49°47'</i>	<i>10°10'</i>	
INT	<i>-15</i>	<i>+33</i>	
TO AW'Y			
ZN	<i>150</i>	<i>285°</i>	
± CONV			
GRID ZN			
SRB			

TC + 90°

CORIOLIS & RHUMB LINE _____ NM _____

TABLE IV PRECESSION & NUTATION CORR.
_____ NM _____ DIRECTION

	LATITUDE	LONGITUDE
FIX	<i>N 37° 10'</i>	<i>W 113° 24'</i>
FMS BNS	<i>N 37° 03'</i>	<i>W 114° 07'</i>
COUNTER ADJ.	<i>dlat 7'</i>	<i>along 43'</i>
	<i>rΔ 35 nm</i>	

Readjusted Coriolis - Set Lat Cori to Pole
 - Read Adj Cori fm ZN-TR for LAT
 - Star Right - / Star Left +