

DAVIDC

Ref.	David C AH LL		
EPLat	41°	05'11	(N/S)
EPLong	175°	08'5	(E/W)

GDate	Y 2020	M APR	D 27
DWT	Hr	m	s
DWE -F/+S	Hr	m	s
UT	Hr 23	m 16	s 04

Table 4	M APR	D 27	Hr
Int(UT Hr)			23
(a) Y			20 (+)
= OT	APR	28	19

E(OT) MD
 (b) X(2) (19) etc
 (c) 2310' UT
 (d) 0604' UT

Tablet	Almanac	diff
005°	36'	(+2')
005°	2'	+
005°	38'	
162°	30'	
1	31'	+
169°	39'	
		+
		-
169°	39'	

gha
 *sha
 gha*
 0/360
 GHA

Hs	65°	28'5	
IE		4'	-On/+Off
	65°	24'5	
÷2 HOE		Dip	
Ha	32°	42'2	
Refr		1'7	
PIA	32°	40'5+	
SD		15'9	(+LL)-UL
Ho	32°	56'4	

dec	13°	58'	diff (+19')
corr		15'	+
DEC	14°	13'	(N/S)

Sight Reduction (by Haversine/Doniol Intercept Method)

t(a.m.)	359°	59' ten	
EPLong	175°	08'5	W+(E-)
	184°	51'5	
GHA	169°	39'	-
0/360			-
t	15°	12'5	

t(p.m.)			
GHA			
EPLong			W-/E+
0/360			-
t			

ZD	EPLat	41°	05'	
↑	+	DEC	14°	13'
			55°	18' x
↓	-	EPLat	41°	05'
		DEC	14°	13'
		26°	52' y	

Zn is $\boxed{\text{N/S } 17.5 \text{ (E/W)}} = 017.5^\circ\text{T}$

hv(x) = n 2154
 hv(y) = p 0540 +
 n+p=q 2694
 1-q 0.7306
 hav(t) 0.0175 *
 .0128
 n 2154 +
 hv(ZD) .2282
 51 04

90°	89°	60'
ZD	57°	04'
Hc	32°	56'
Ho	32°	56'
Intercept		0'

Intercept 0' T/A 017.5°T

ZD = 51 04