

Polaris + One
 Venus Sight hour = $34,962^\circ$ (from polaris sight)
 hour = $-67,15^\circ W$.

NavList 23 Jun '23

Venus 1 UT 00:24:55 Hs = $23^\circ 28.5'$
 Venus 2 UT 00:45:08 Hs = $19^\circ 18'$ → Decreases to W.
 Averaged UT 00:35:02 Hs 21.232° → $21,386^\circ$

Date: 26 Jun 2022

IC = $0,0166^\circ$
 Dip = $0,081^\circ$

$R = 0,0162$ / hour $- 0,0415^\circ$

UT = 00:35 ⇒ $\frac{\text{frac/Day}}{FD} = 0,024305$ Ho = $21,247^\circ$
 ZD = $68,75^\circ$

	SHA		Dec	
27 Jun oh	$219,17^\circ$		$16,30^\circ N$	
26 Jun oh	$219,85^\circ$ → $219,85^\circ$		$16,62^\circ N$ → $16,62$	
Day/Diff (DD)	$-0,68 \times 10$	$-0,0165$	$-0,32 \times 10$	$-0,0077$
	SHA _{VEN} $219,83^\circ$	+		Dec $16,61^\circ N$

GHA γ 1 Jun = $249,22^\circ$
 26 Jun = $24,64^\circ$
 35 min = $8,77^\circ$

GHA γ $282,63^\circ$ (same as for Polaris)
 SHA_V $219,83^\circ$ +
 $502,46^\circ$
 $360,00$ -
 GHA_V $142,46^\circ$

$A = \cos ZD / \cos dec / \cos Lat = 0,461507$

$B = \frac{1}{\cos dec} * \frac{1}{\cos Lat} = 0,208579$

$C = 0,252928$

$\frac{GHA_V 142,46^\circ}{HA} \rightarrow 75,349^\circ W$

Lon $67,111^\circ W$
 or $67^\circ 06,7'$

FIX at 00:35 $34^\circ 57,7' N$
 $67^\circ 06,7' W$