are the "Right ascension and declination" of Polaris taken from the Almanac.

EXAMPLE

DATE. June 30, 1906 ..... R.A. 1h. 25m. 19s

PLACE. 9 miles south of 96 mile post on O.L.S. Niven's 2nd base line and one mile east on the south boundary of Tp. Dec'l. 88° 48′ 1

R.O. Back Picket on S. boundary line of Tp. and 21 chs. 22 lks. west of the instrument.

Latitude 49° 27′ 41″

Chord Azimuth from N. towards E. ..... 89° 55′ 20″

Half Convergence ..... 0° 4′ 40″

The convergence at one mile amounts to 1′ 2″ which in this example has to be subtracted from the supplement of 89° 55′ 20″, as the azimuth of the back picket is measured from N. towards W.

Face	H.C.R. on R.O.		H.C.R. on Polaris		Watch Time		
Right	140°	31′	231°	8′	14h.	41m.	16s.
Left	140	33	231	12	14	44	50
Mean	140	32	231	10	14	42	50
1h. 30m. R.A.					+	4	41
Sidereal time argument					14	47	31

Tabular Az. for 14h. pom. and lat. 49° (Table I)	0° 31′ 0	East
Difference for 7m. 31s.	.. + 3.2	
Difference for 27′ 41″ in latitude.	.. + 0.3	
Correction for Declination (Table II)	.. + 1.3	
	0° 35.8	East
H.C.R. on star	231° 10.0	
True North	230° 34′ 12	
H.C.R. on R.O.	140° 32′ 0	
	90° 2′ 12	West