For the Mountain Daylight Time Zone

				Prepoint star near 10PM local				Prepoint star near11PM local			
Lng W	Lat N	Alt	Az	UT	Local	SAO	chart	UT	Local	SAO	Chart
Central Time Zone											
105	36 54 26	53	80	3:52:45.6	21:52:45.6	73184	Chart 3	4:44:29.5	22:44:29.5	53717	Chart 4

All charts are plotted with North up. The lines with time and tic marks at 1 minute interval is the prepoint line for 105W 36°54'26"N on the overview and Chart 4. For Chart 3, it is for 90W 41°19'44"N
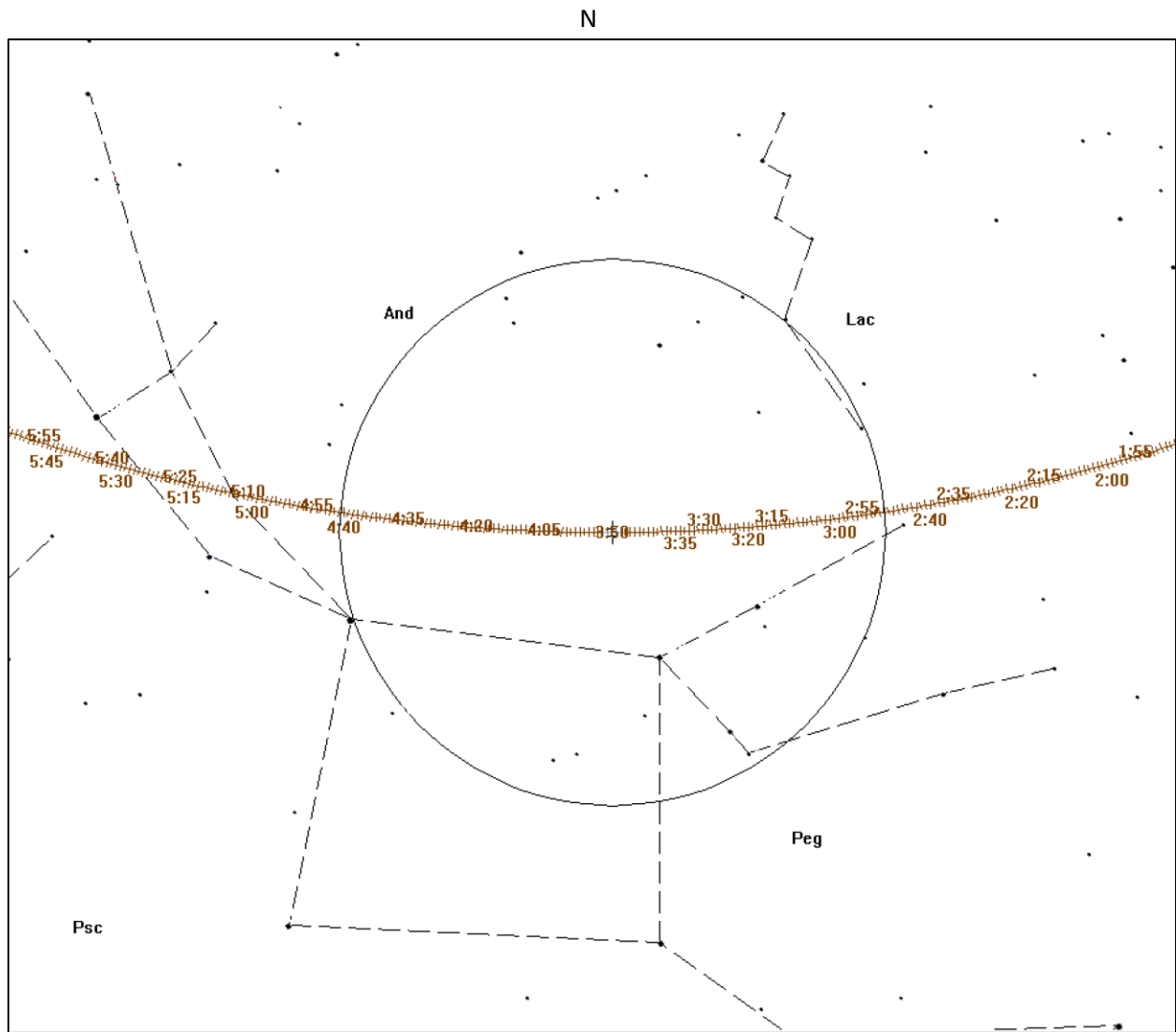
This shows a wide field view of the star field. 105W 36°54'26"N .This is centered on 3:50 UT, which is 21:50 MDT. Please ignore the circle. This is a feature of Guide 9 on every chart we have not been able to disable.

Chart 3 shows a prepointing excerpt for the location at 90W 41°19'44"N on September 12. This can be used on Sept 11 as is for all the Mountain Daylight time zone for the purpose of determining whether the observer equipment is able to record the event, is the chosen site suitable, and give the observer practice in finding targets similar to the star to be occulted by Interamnia.

Observers can get the time these stars will be at their closest to the prepoint line from their location by doing the following:

Use Occult Watcher to find the time of the occultation as well as the altitude and azimuth of the event for their location. The Occult program could also be used.

For Chart 3 (SAO 73184) subtract 6h23m05s from the predicted time for the occultation by Interamnia.
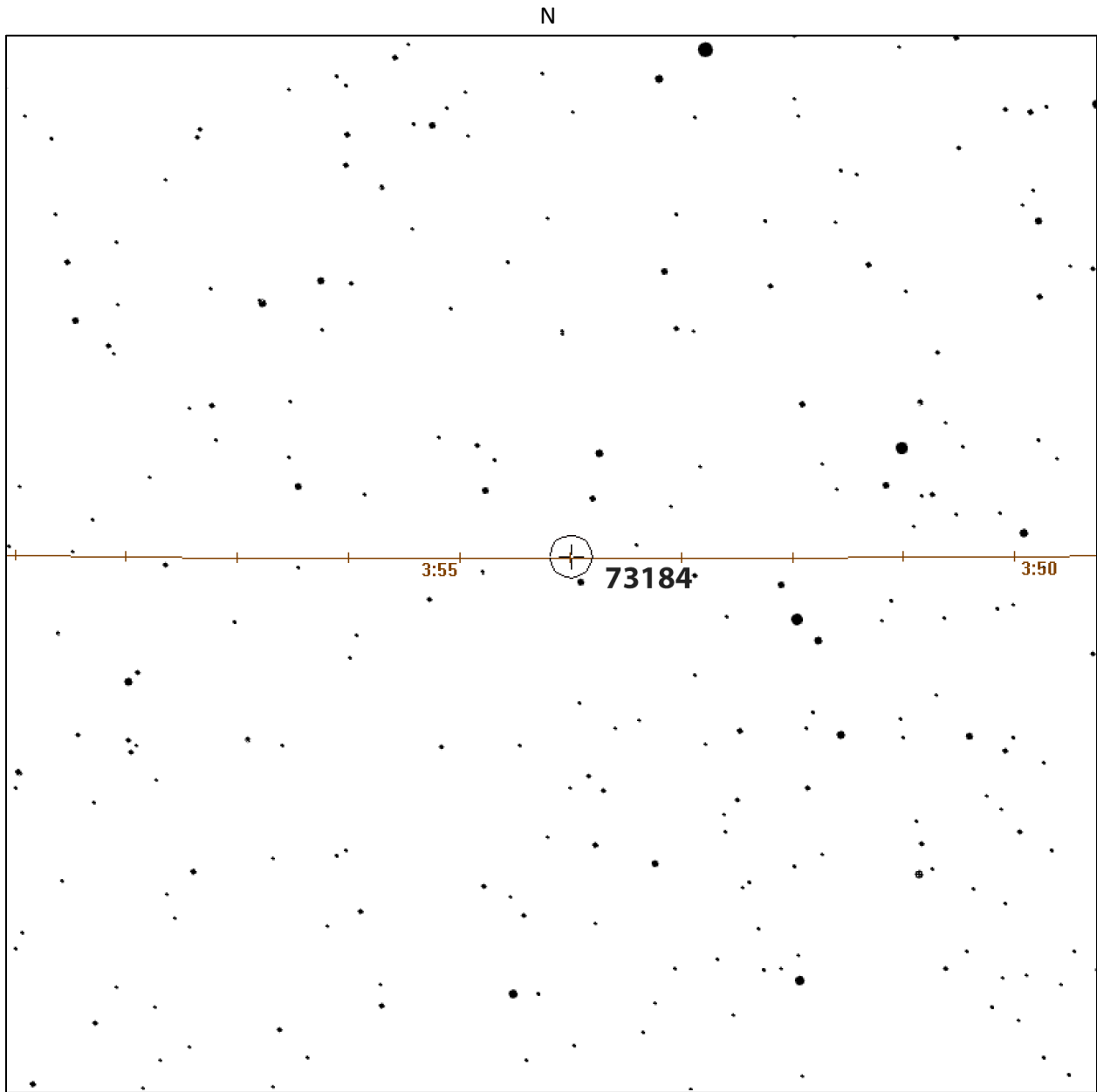
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Chart 4 shows a prepointing excerpt for the location at 105W 36°54'26"N on September 12. This can be used on Sept 11 as is for all the Mountain Daylight time zone for the purpose of determining whether the observer equipment is able to record the event, is the chosen site suitable, and give the observer practice in finding targets similar to the star to be occulted by Interamnia.

For Chart 4 (SAO 53717) subtract 5h31m30s from the predicted time for the occultation by Interamnia to find the time SAO 53717 will be at its closest to the prepoint line from your location.

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