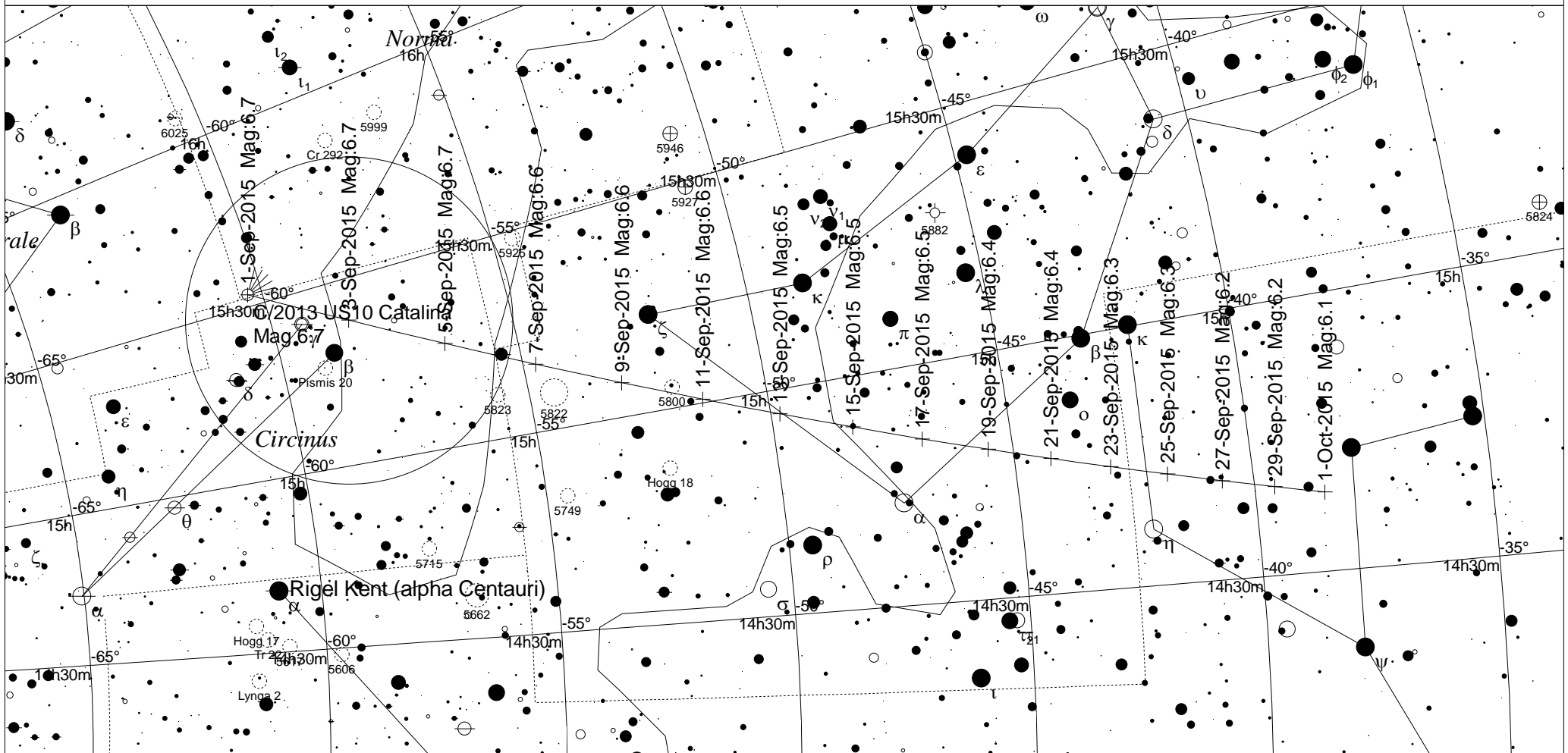


# Binocular Spotters Map for Comet C/2013 U10 Catalina



STARS		SYMBOLS		
● <4	● >8.5	● Multiple star	◻ Dark nebula	△ Radio source
● 5		○ Variable star	⊕ Globular cluster	× X-ray source
● 6		☄ Comet	○ Open cluster	○ Other object
● 7		○ Galaxy	⊕ Planetary nebula	
● 8		◻ Bright nebula	⊗ Quasar	

*Location of comet C/2013 U10 Catalina in September. Map shows the location of the comet at astronomical twilight, 90 minutes after sunset. The circl is the filed of view of 10x50 binoculars.*

Local Time: 19:20:32 1-Sep-2015  
 Location: 34° 55' 12" S 138° 34' 48" E

UTC: 09:50:32 1-Sep-2015  
 RA: 15h01m07s Dec: -49° 35' Field: 16.0°

Sidereal Time: 17:45:50  
 Julian Day: 2457266.9101