



Optical Astronomy in Mainland China

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National Astronomical Observatories of China

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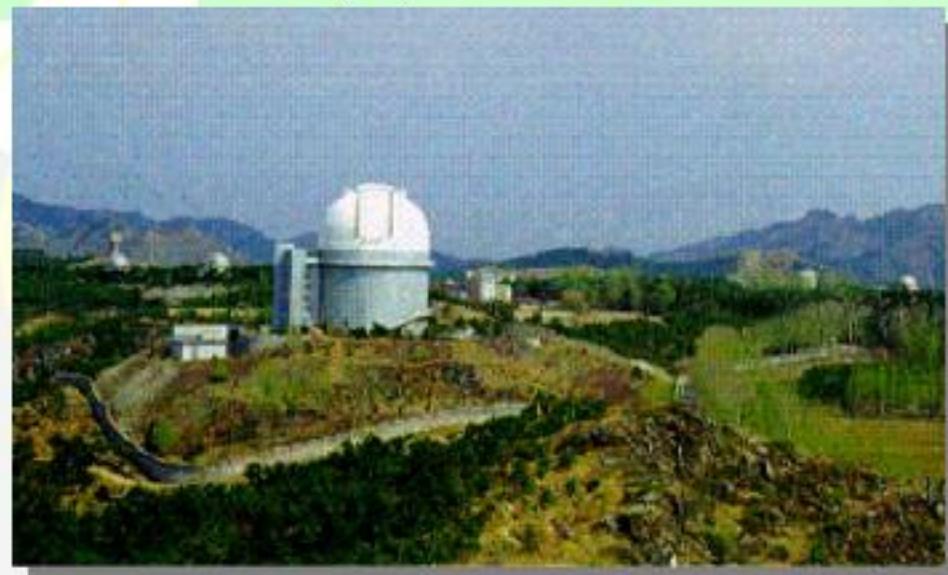


Main facilities and their location

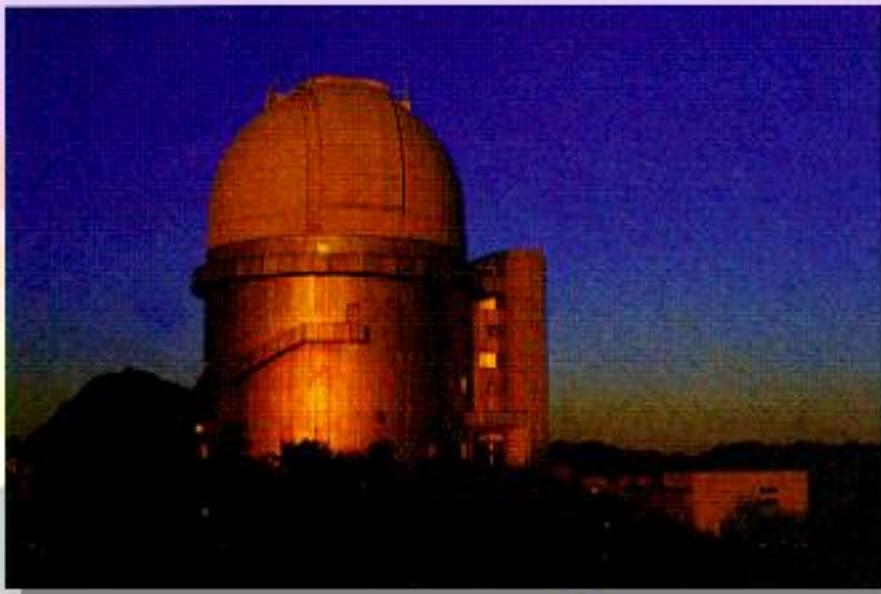


Xinglong Station

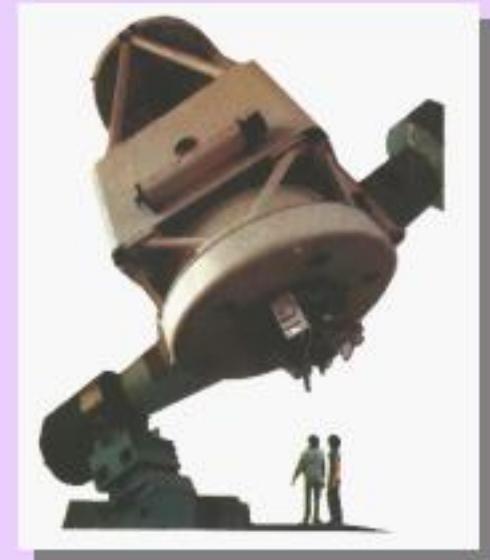
XINGLONG STATION is located south of the main peak of Yanshan mountains and is 960 meters above sea level. Xinglong Station is an optical observing site. Installed there are a 2.16m telescope, a 1.26m infrared telescope, a 60/90 cm Schmidt telescope, a 35cm reflector, a 60cm reflector and a Mark III photoelectric astrolabe. The station offers more than 270 clear nights annually for observation.



2.16m telescope

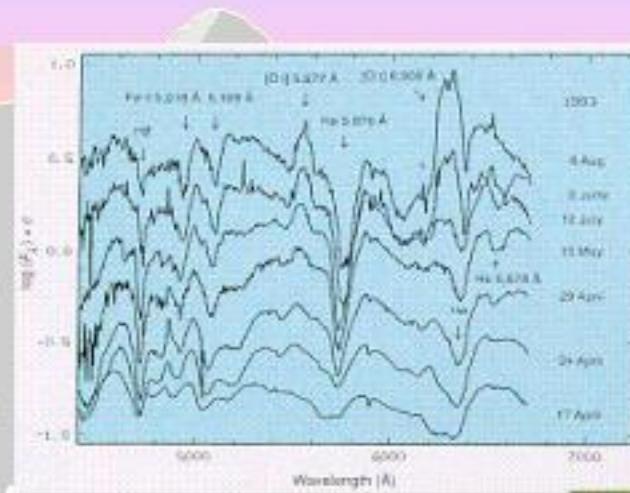


Dome



Telescope

Spectra of SN1993J
(Published in Nature)



1.26m infrared



1.26米红外望远镜
The 1.26m infrared telescope

85cm reflector



85厘米反射望远镜
The 85cm reflector



2.2m infrared



2.2m infrared

2.16m Optical telescope

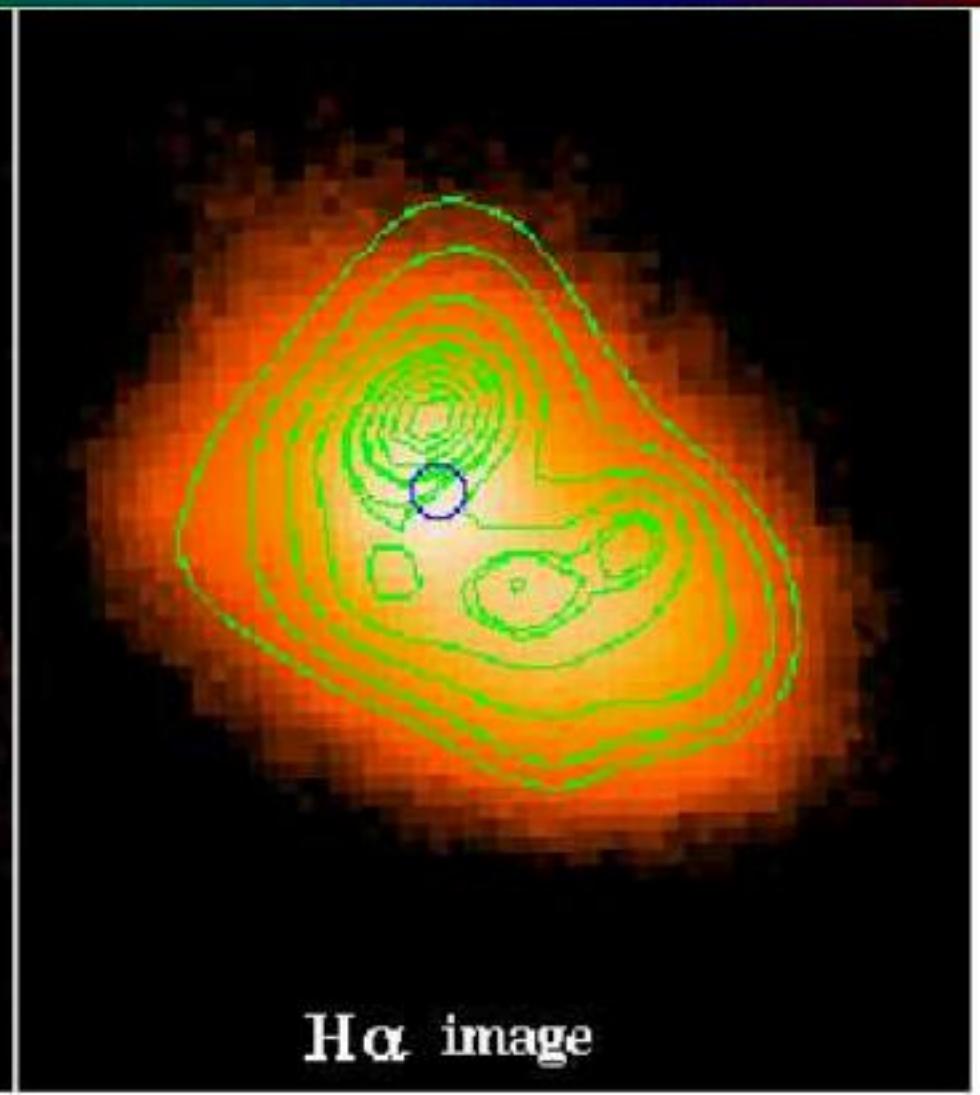
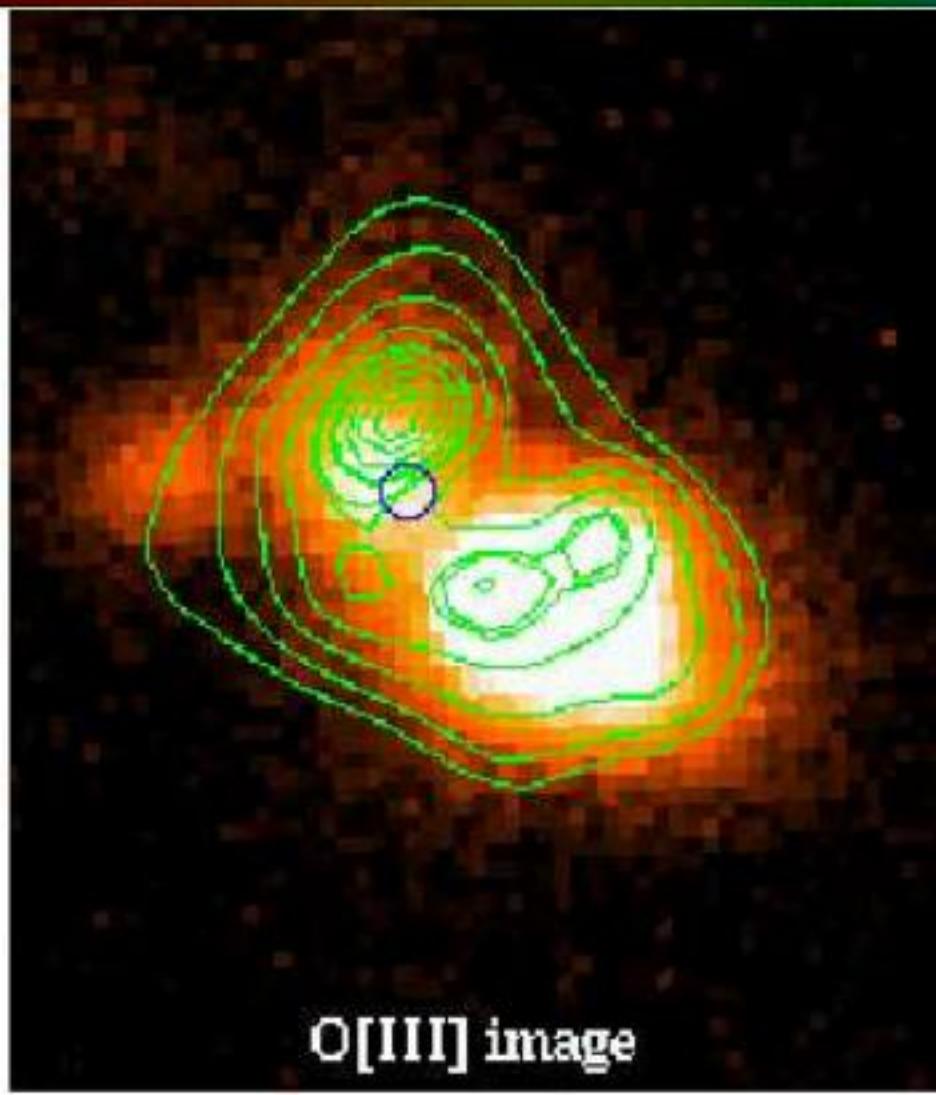


Cassegrain system
 $f/9$
Coude system $f/45$

BFOSCO
OMR
Echelle spectrograph

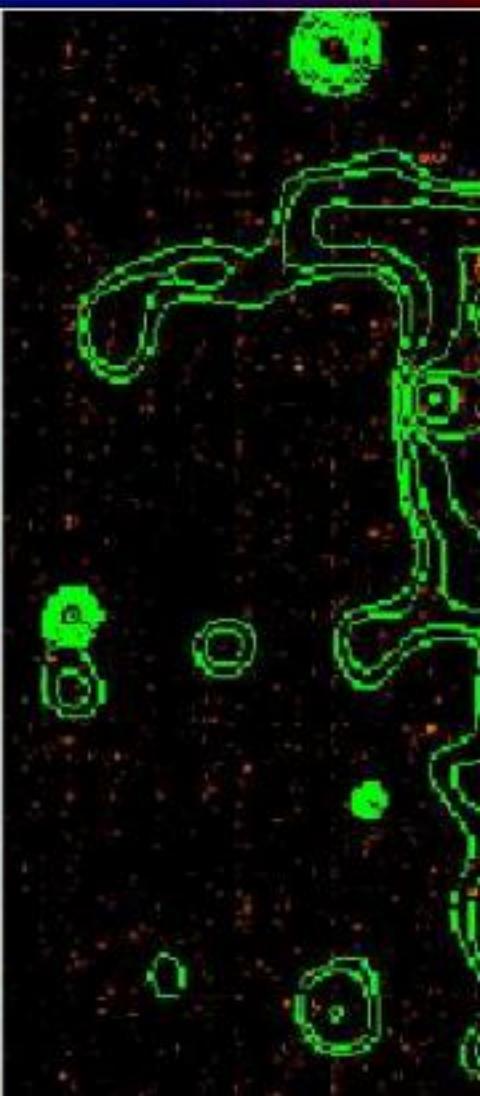
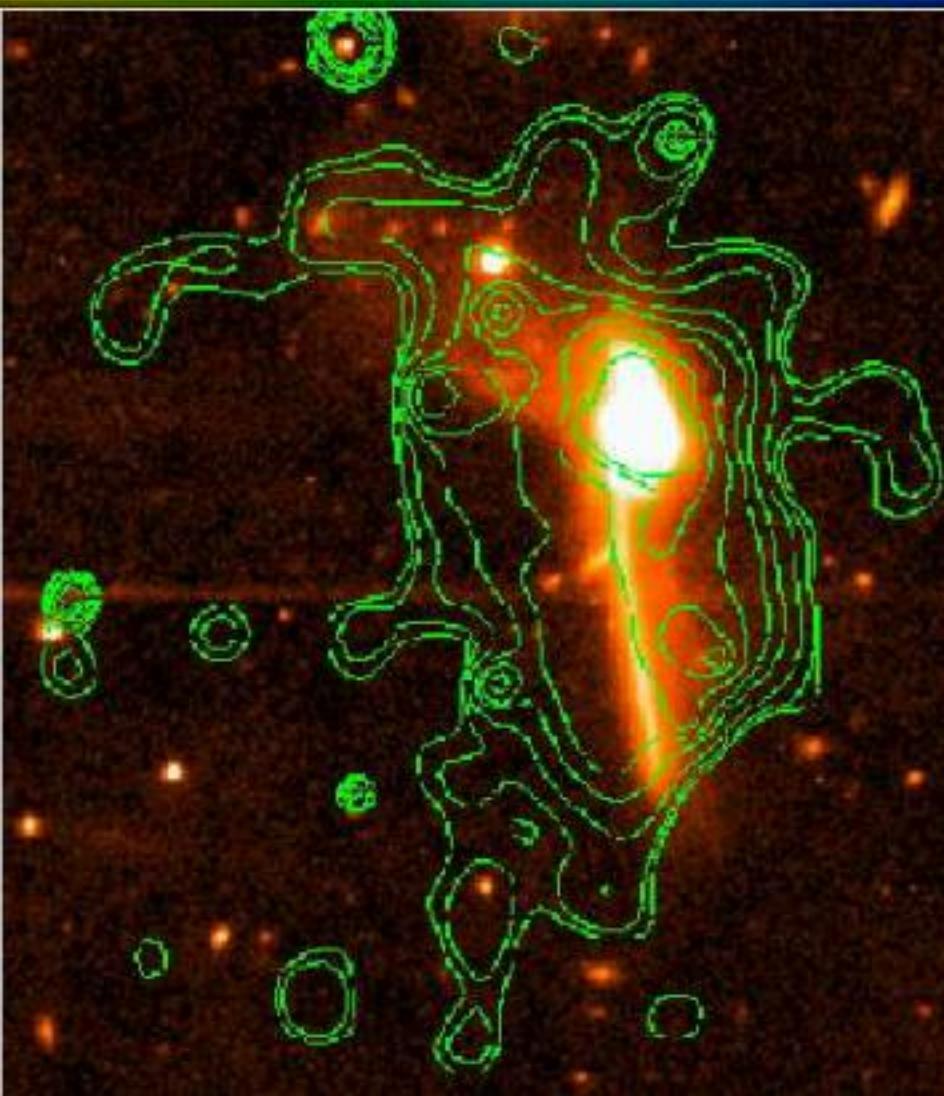
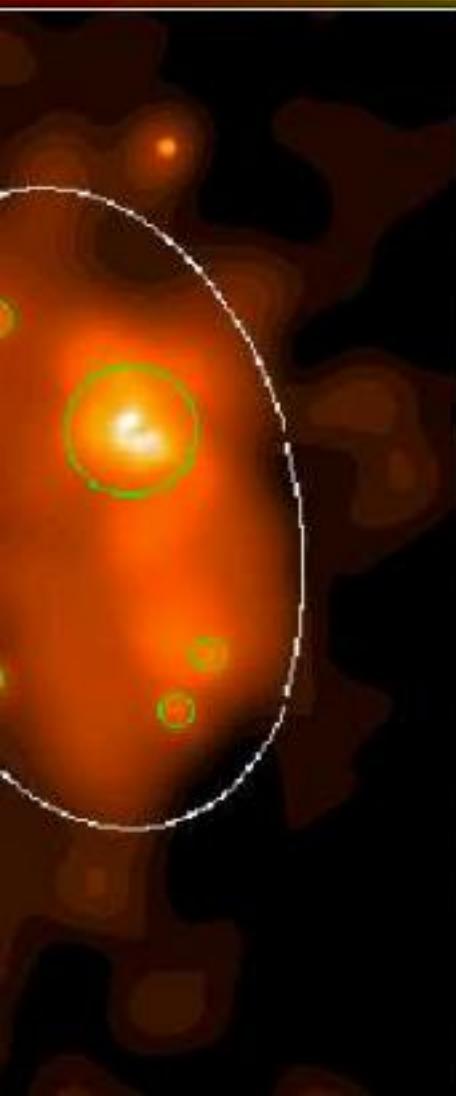


Combining the emission line pictures (by BFOSCO of 2.16M) with the X-ray images from Chandra





Combining the emission line pictures (by BFOSCO of 2.16M) with the X-ray images from Chandra





60/90 cm Schmidt Telescopes



f/3.0





60cm Astronomical Reflecting Telescope



The primary mirror has been an aperture of 60 cm and a focal ratio of f/3.8.





Sheshan

1.56m optical telescope



The 1.56m Optical Telescope





The 1.56m Optical Telescope



An image of the comet Hale-Bopp taken with the 1.56m telescope



A CCD image of the surface of Jupiter after the comet SL9 impact of July 1994, taken with the 1.56m telescope.



Yunnan Observatory

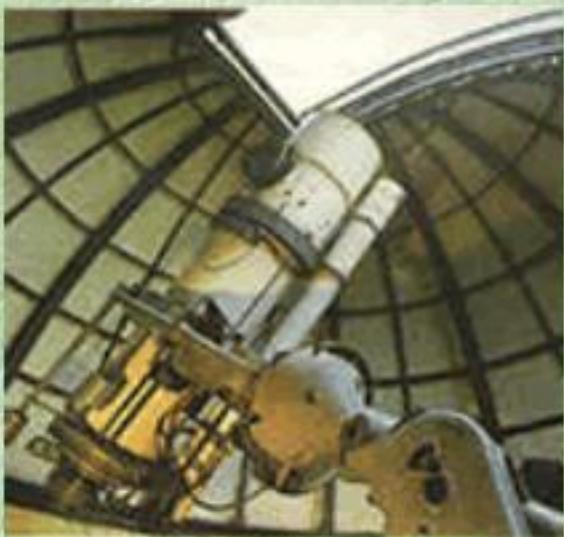


- ◆ 1m Reflecting Telescope
- ◆ 1.2m Horizontal Telescope
- ◆ 60cm Optical Telescope



Purple Mountain Obs.

The 43/60cm Schmidt Telescope



The 60cm Reflecting Telescope





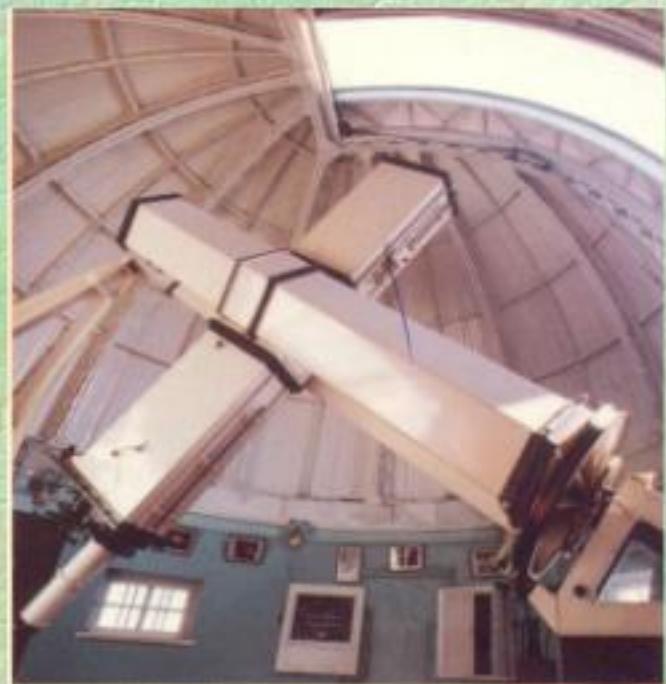
Purple Mountain Obs.



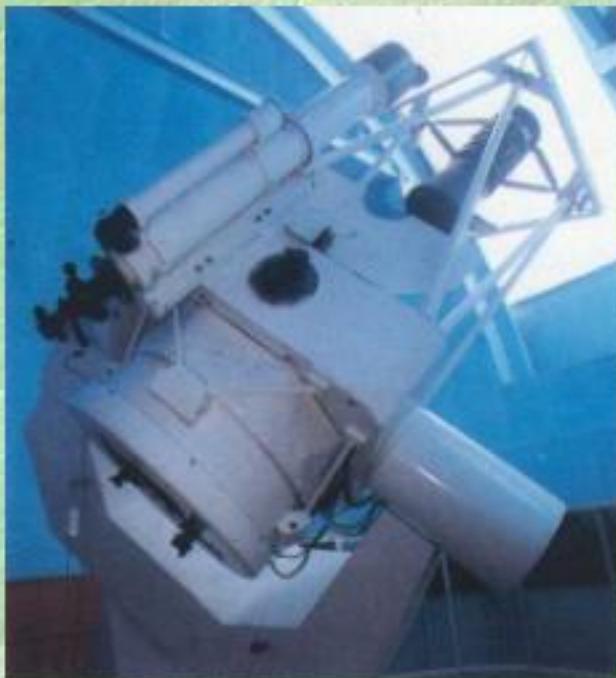
The 40cm aperture twin
refracting telescope



The 32cm refracting
telescope



Shaanxi Astronomical Obs. The Phoenix Ridge of Mt. Li



The 1.05m Reflecting
Telescope



Thank you!



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