

Carina Nebula

Observation plan

The brightest region of the Carina nebula will be observed. The exposure time will be 30 ksec. No filter should be used for Resolve. This is not a ToO observation.

Immediate objectives

- [1] Clarify the physical status of the hot plasma.
- [2] Clarify the interaction of the hot plasma and molecular clouds.
- [3] Measure the bulk motion or turbulence of the hot plasma.
- [4] Measure the carbon abundance in the high-mass star forming region.