

Welcome to Astronomy Workshop

Sponsored by
The Saint John Astronomy
Club

Astrophotography

Part

Two

60 x 30 second shots
14mm @ f2.8 ISO 1600



Same image processed differently



Point your camera North East



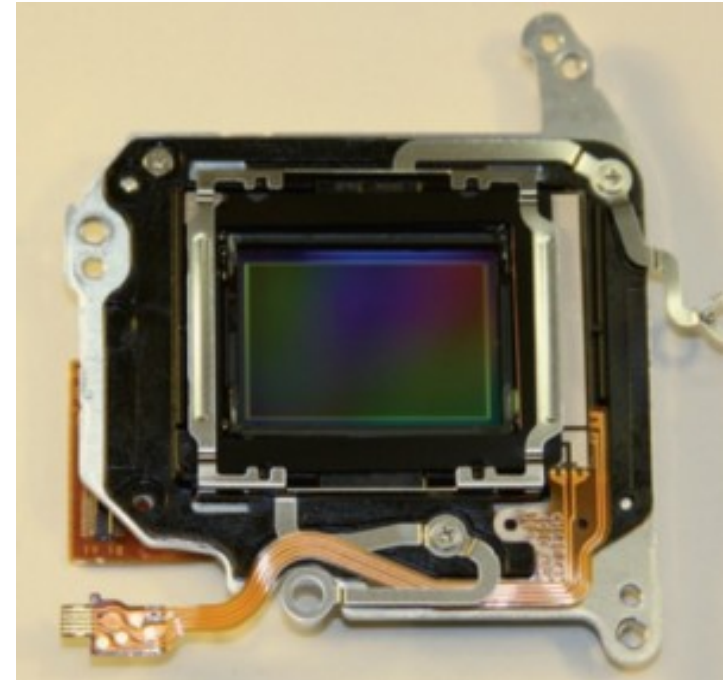
Modified DSLRs



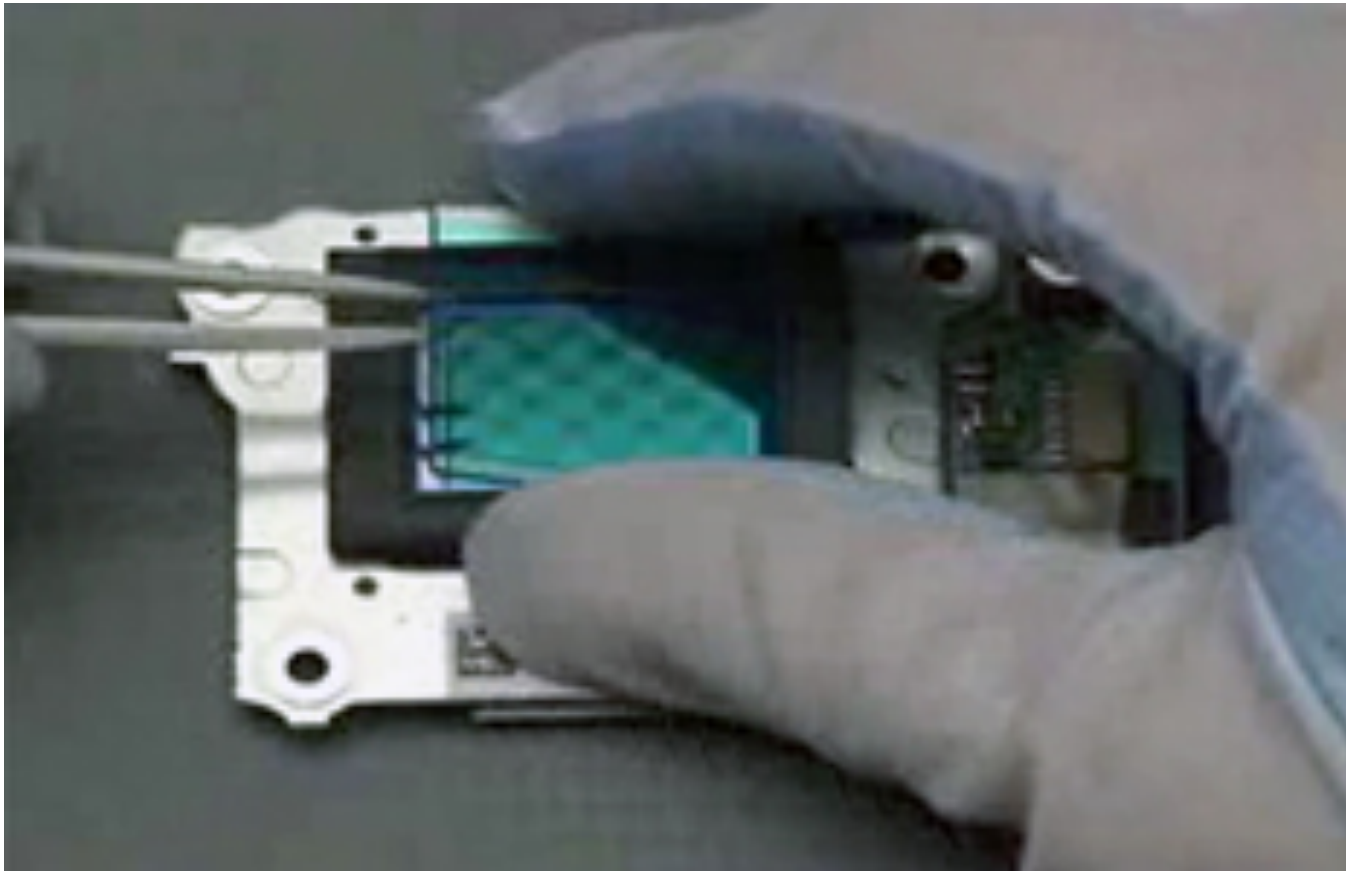
Astro-modified DSLR

- The heart of every DSLR camera is its CMOS imaging sensor; shown here is the array from a Canon EOS T2i. All manufacturers install a blocking filter directly in front of this chip to eliminate unwanted wavelengths that are mostly beyond the range of human vision.

Hap Griffin



Removing the IR filter





- Cameras with a full spectrum modification can image in a variety of different wavelengths with the addition of various replaceable filters used in the optical path. This photo shows the distorted colors of a typical earthly scene when photographed with a modified Canon EOS 40D and a Massa 720-nanometer IR-pass filter in front of the lens.
Hap Griffin

Neighbour's house



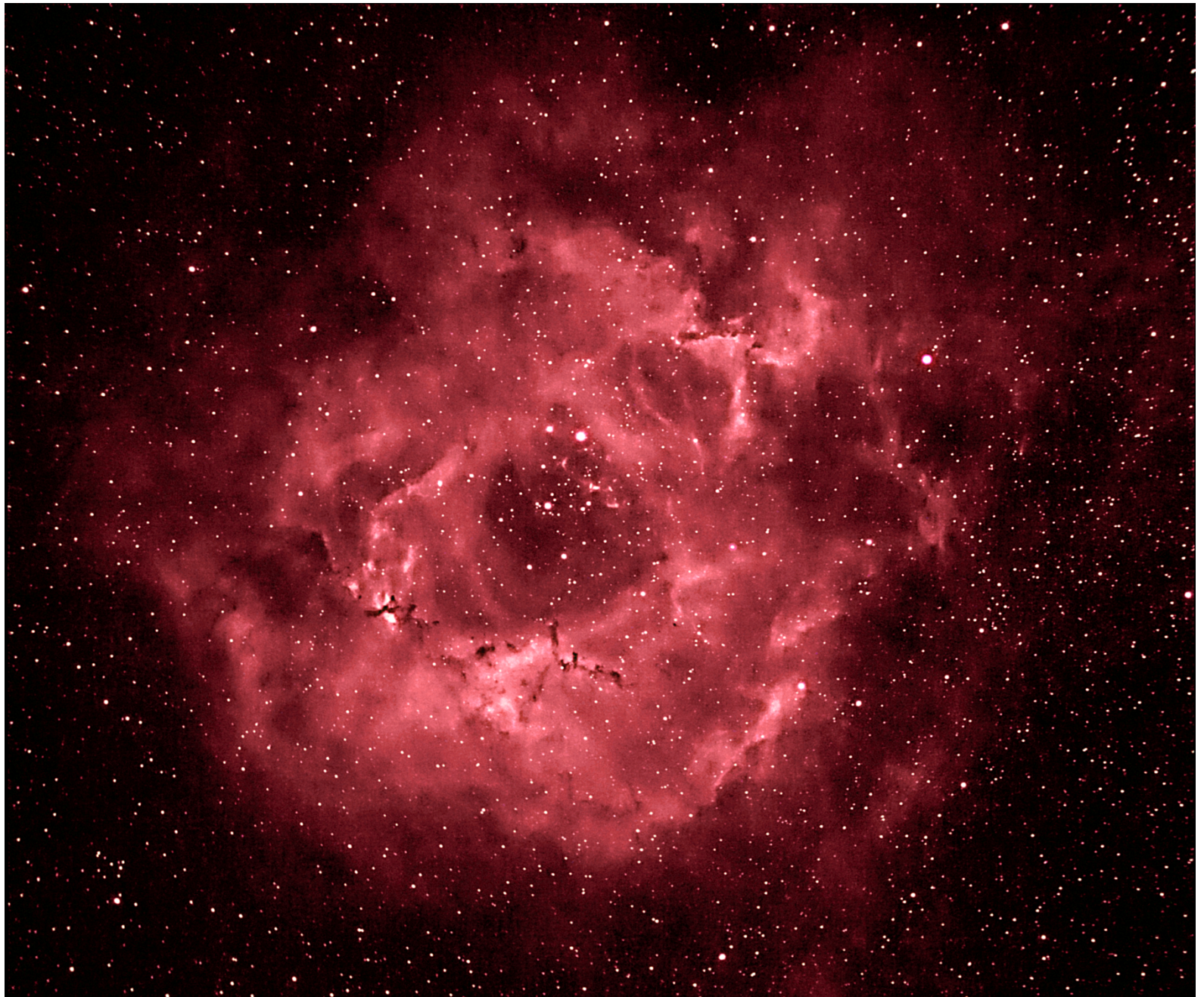
Backyard



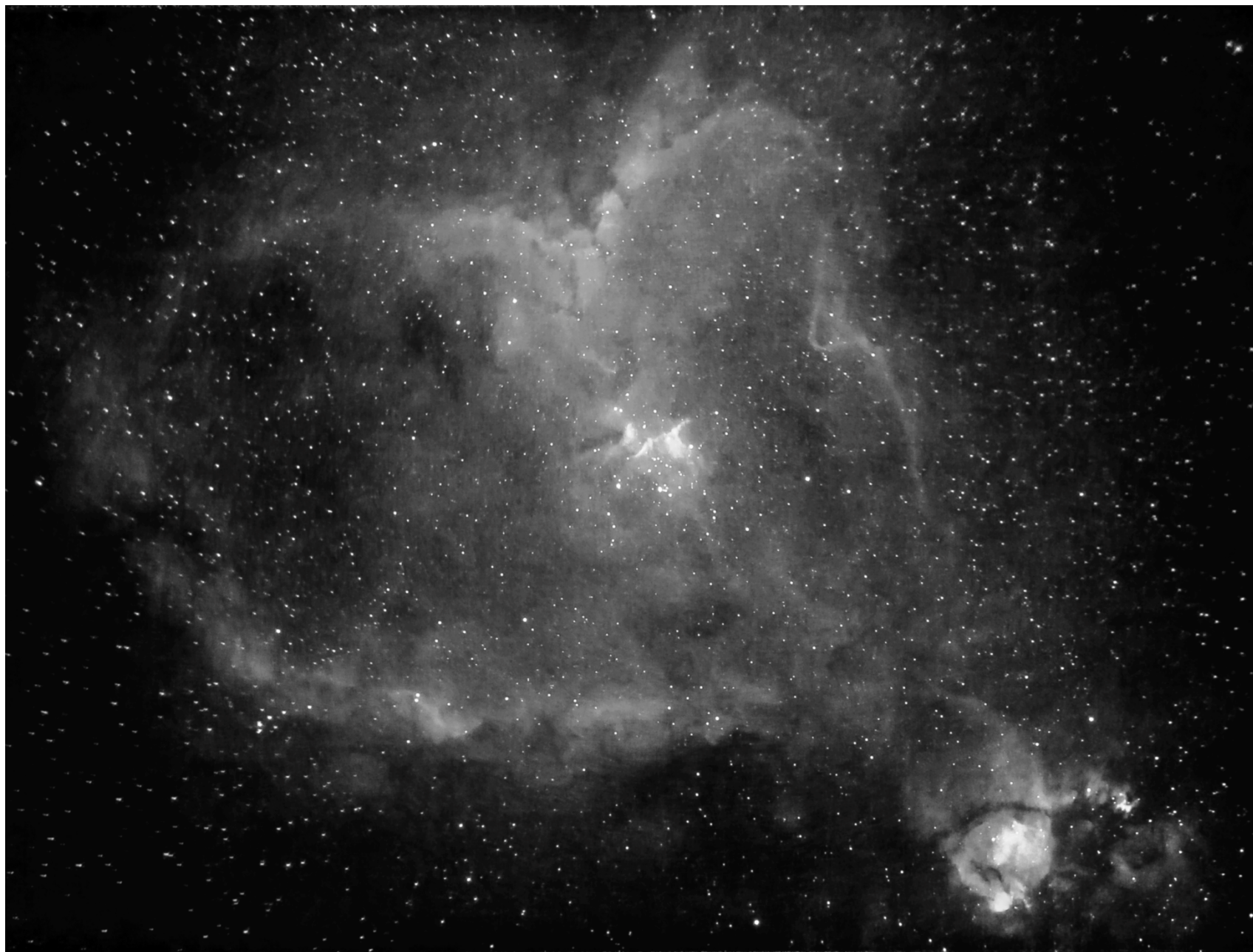
Using a full spectrum modified t3i with a IR pro 742 filter.

Image taken with reg. camera









Horsehead Nebula



