

## **The Observer's Challenge Objects**

Submitted by Larry McHenry, Pittsburgh, PA, USA. <http://stellar-journeys.org>

**September: NGC6891** – Planetary Nebula – **Delphinus**; Mag. V=10.5; Size 016''  
RA: 20h 15m 09s Dec. +12° 42' 15''

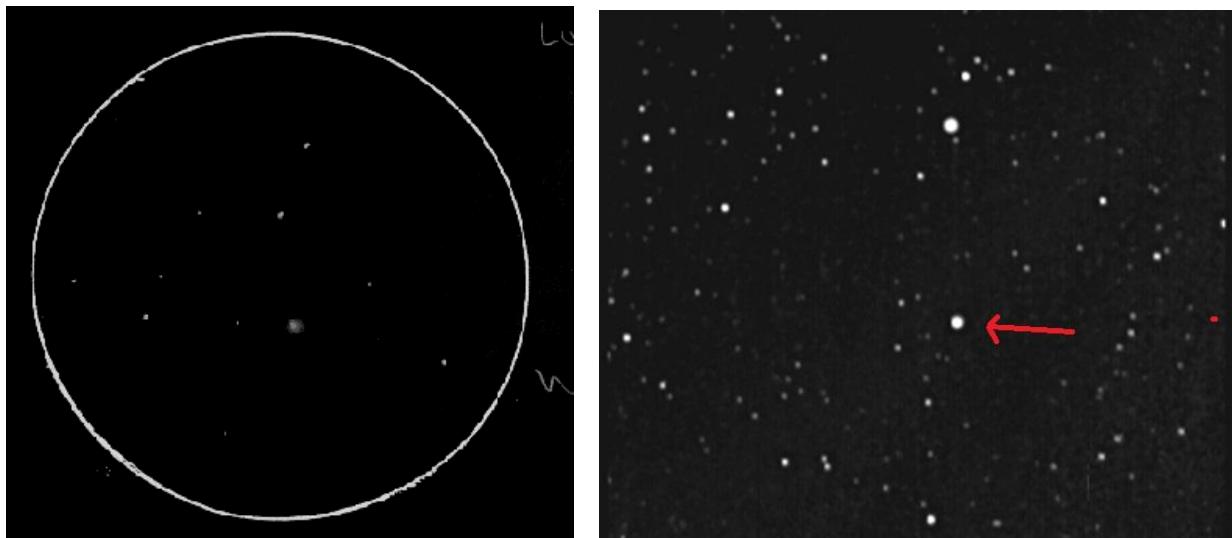
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Planetary Nebula NGC6891 is located in the Summer constellation of **Delphinus** - 'The Dolphin', and is about 11,784 light years distant, and about 28,000 years old.

NGC6891 was discovered on September 22<sup>nd</sup>, 1884 by British astronomer Ralph Copeland at the Dun Echt Observatory in Aberdeen Scotland, using a visual spectroscope on a 6.1" refractor.

**Visual Sketch:**

08/19/1987 - backyard in Pittsburgh, PA. Using a 8" SCT f10, 24mm eyepiece (85x) & UHC filter.



Visually, the planetary was a small, bright, diffuse circular object with a star-like core.

**Video-Capture/EAA:** 07/07/2010, from Cherry Springs State Park in Pennsylvania.  
Using an 8" SCT optical tube @ f6.3 on a GEM mount, with a modified analog security camera and IR filter, 8-second exposure.