Fun Facts:

**Gamma Delphini**

Computer Code: gammadel

* **Location:**
  + RA: 20h 47m 4s
  + Dec: 16⁰ 11’
* **Basics:**
  + This is a double star in Delphinus. It is the nose of the dolphin.
  + In a telescope, it can make a nice pairing with Struve 2725, which is also a double star, appearing a bit dimmer and perpendicular to Gamma Delphini.
  + It forms one corner of the asterism, “Job’s Coffin.”
  + Distance: 101 light years away
    - Light we’re seeing left in 1915 AD:
      * During World War I
      * Chicago Cubs won the World Series
  + Orbital Period: 3,249 years
  + Separated by 396 AU
  + On average, when viewed from one, the other would appear as bright as about 100 full moons.
* **Gamma1**:
  + Temperature: 11,000⁰ F
  + Diameter: 2.9 Suns
  + Type: yellow-white dwarf star (main sequence)
  + B-V Color Index: +0.52, yellow
  + Luminosity: 12.6 Suns visual
  + Magnitude: +2.0
* **Gamma2**:
  + Temperature: 8,520⁰ F
  + Diameter: 7.68 Suns
  + Type: subgiant
  + B-V Color Index: +1.03, orange
  + Luminosity: 33 Suns
  + Magnitude: +0.95
  + This star has converted all its hydrogen into helium and is on its way to becoming a giant.
  + In 1999, a planetary companion was inferred around this star. It would have a minimum mass of 0.7 Jupiter mass, an orbital period of about 1.44 years and about 1.5 AU from the star (about the distance of Mars from our Sun). This inferred planet has not been confirmed.