

# Script for ESOcast 155 Light: Dead Star Circled by Light

<b>ESOcast Light 155</b>	
<b>[Visual starts]</b>  <b>New ESOcast intro</b>	New ESOcast introduction Incl ESO logo
<b>Title: Dead Star Circled by Light</b>	
1. Spectacular new images from ESO's VLT have helped identify a <b>new, isolated neutron star, beyond our galaxy.</b>	
2. The stellar corpse is <b>200 000 light years away...</b>	
3. ... and is surrounded by a <b>ring of gas</b> that is the remains of a <b>2000 year old supernova explosion.</b>	
4. Neutron stars are usually only <b>10 kilometres in diameter</b> but <b>weigh more than the Sun!</b>	
5. They are thought to be very common in the Universe but are <b>very difficult to find.</b>	
6. This discovery might lead to new ways of finding these <b>exotic stellar remains.</b>	
<b>00:00</b> <b>[Outro]</b>	<i>Produced by ESO, the European Southern Observatory. Reaching new heights in Astronomy.</i>

