## Script for ESOcast Light 240: Peeking at a Distant Moon-Forming Disc.

ESOcast Light 240	
[Visual starts]	
New ESOcast intro	New ESOcast introduction
Title: Peeking at a Distant Moon-Forming Disc	
1. Using ALMA, astronomers have detected a <b>moon-forming disc</b> in a planetary system some <b>400 light-years</b> away from Earth.	
2. It surrounds a Jupiter-like planet – one of two gas giants in the system, which is still in the <b>process of forming</b> .	
3. The disc is as large as the <b>Sun-Earth</b> <b>distance</b> and has enough mass to form up to <b>three satellites</b> the size of the Moon.	
4. The team had found <b>hints of the disc</b> in the past	
but could not confirm its detection <b>until now</b> .	
5. This discovery offers an invaluable opportunity to study <b>how planets and moons form</b> .	
[Outro]	Produced by ESO, the European Southern Observatory. Reaching new heights in Astronomy.
	<ul> <li>Also interesting:</li> <li><u>First Confirmed Image of Newborn</u> <u>Planet</u></li> <li><u>ESO Telescope Sees Signs of Planet</u> <u>Birth</u></li> </ul>