Script for ESOcast 230 Light: Possible Marker of Life Spotted on Venus

ESOcast Light 230	
[Visual starts] **New ESOcast intro**	New ESOcast introduction
Title: Possible Marker of Life Spotted on Venus	
1. An international team of astronomers announced the **discovery** of a rare molecule **— phosphine —** in the clouds of **Venus**.	
2. On Earth, phosphine gas is only made industrially **or by microbes** that thrive in oxygen-free environments.	
3. Astronomers have speculated for decades that **high, temperate clouds** on Venus could offer a **home for microbes**… ...the detection of phosphine could point to such **extra-terrestrial "aerial" life**.	
4. The team considered processes on Venus, such as **volcanoes or sunligh**t, to explain the presence of phosphine... …but found these can make at most **one ten thousandth** of the amounts detected.	
5. The discovery was made using the **James Clerk Maxwell Telescope**… ...with the more sensitive. **ALMA observatory**, in which ESO is a partner, confirming it.	
00:00 **[Outro]**	*Produced by ESO, the European Southern Observatory.* *Reaching new heights in Astronomy.*