

## Aquarius Update 1 Transcript

Hi! I'm Amit Sen. I'm the Aquarius Project Manager at JPL and I will be giving you periodic updates as this mission gets closer and closer to its launch in June.

Aquarius is NASA's first sea surface salinity mission. In simpler terms, Aquarius measures how salty the ocean is from space. If you take a pinch of salt and put it into a gallon of water – We can measure that sensitivity out from 408 miles above the Earth.

The birth of Aquarius started here in the U.S. The SAC -D bus, which is what the spacecraft is called, was built in Argentina. Then it was transported to Brazil to do its in environmental testing. Then just last month, after the environmental testing, it was brought to Vandenberg, where it's going to be launched .

Coming, what we'll do is integrate the solar panels that takes the sunlight, converts it into electricity and charges the battery.

These are integral parts of the spacecraft.

I'm Amit Sen with this update, as we head down the road to launch.