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Could Jupiter's moon Europa have an ocean? Find out now, on 'Space Shorts.'

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Here on Earth, water covers three fourths of our planet. That's a lot of H<sub>2</sub>O!

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Jupiter's moon Europa may have twice as much -- right under its icy surface!

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Why do scientists think so?

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First -- a spacecraft showed us! Europa's surface is mostly made of water ice, with some salts.

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Second -- that surface is a different than a lot of others in the Solar System.

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We see lots of cracks and ridges, but not so many craters.

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It may be that an underground ocean causes the surface to warm and crack,

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changing the landscape and erasing craters.

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And the final most compelling clue? Europa's changing magnetic field.

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What's under the surface conducting that much electricity? A hidden, salt water ocean would explain it.

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A future NASA mission can tell us for sure if Europa has an ocean.