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1305 East-West Highway
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Publicly-Releasable Summary of Licensed System

System Name: "TIS Serenity":

Licensee Name: Teachers in Space, Inc. 501c3 (TIS)

Mailing Address: 407 E. 12th St., #1FNE
New York, NY 10009
United States of America

Telephone: 1-646-490-5576

Affiliates / Subsidiaries: None

General Description: "TIS Serenity" is a 3u (100mm x 100mm x 300mm) educational cubesat weighing 1.6kg. The payload is scheduled for launch from Vandenberg AFB on the Firefly Alpha rocket in summer of 2020. Deployment of TIS Serenity will be into a circular orbit of 300 km and inclination of 137°. The orbit lifetime due to natural decay is estimated to be about 11 to 32 days.

Data to be Acquired: The TIS Serenity mission will demonstrate the capability of collecting data such as pictures, position, pressure, flight time, radiation levels, spectroscopy, and UV light data using commercial off the shelf components. The collected data will be made available for educational use by students and educators. This mission will also demonstrate the capability of TIS' first ever standardized Classroom 3U size Cubekit, a sought after upgrade to our already existing 1U and 2U designs to provide more payload capacity while facilitating rapid integration and low cost access to flight proven structure.

Service of Documents: Elizabeth Kennick, President
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