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PAPER PRESENTED BY R. W. Carlson
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SPECIAL INSTRUCTIONS:

For Galileo Ida session

Ida: Preliminary Results from the Galileo Near Infrared Mapping Spectrometer.

R. W. Carlson, P. R. Weissman, W. D. Smythe, M. Segura, D. L. Matson, T. V. Johnson (Jet Propulsion Laboratory, California Institute of Technology), F. P. Fanale, J. Granahan, T. B. McCord (University of Hawaii), L. A. Soderblom, H. H. Kieffer (U. S. Geological Survey), G. E. Danielson (California Institute of Technology), T. Encrenaz (Paris Observatory) and F. W. Taylor (Oxford University).

On 28 August 1993, Galileo will perform a close flyby of 243 Ida and the Near Infrared Mapping Spectrometer will obtain spatially resolved spectra in the 0.7-5.2 μm region. During the initial data playback period, it is anticipated that high spatial resolution (1.3-2.4 km/NIMS pixel) measurements taken at 17 wavelengths will be returned. The spatial and spectral coverage provided by these data allow investigation of silicate absorption features and thermal mapping over the dayside hemisphere. Preliminary discussion of these results and comparison to earlier 951 Gaspra data will be presented.

JPL M/S 183-601
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DPS Category No. 20 (From list on separate page) Galileo Ida

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Abstract Submitted for the Division for Planetary Sciences Meeting, Boulder, CO, USA

Date Submitted 7/13/93 Form Version 2/93

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BAAS VOL.____ NO. 19