

Proposal for:

High-resolution Stereo Color Imager (HiSCI)

Prepared for:

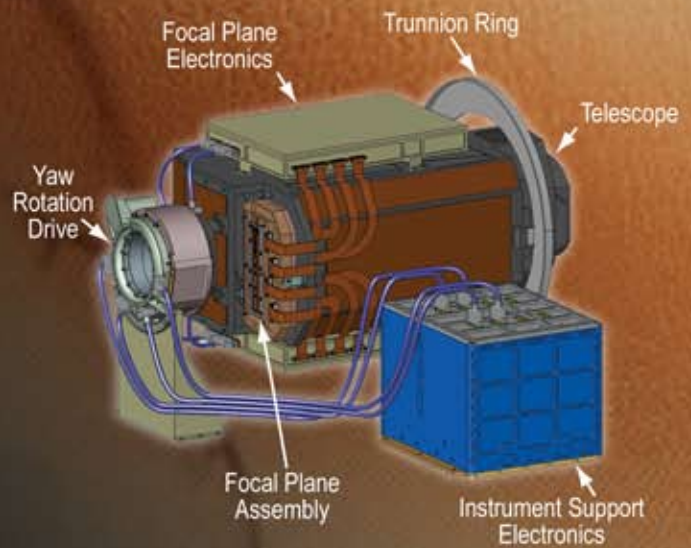
SALMON AO for the NASA/ESA
ExoMars Trace Gas Orbiter

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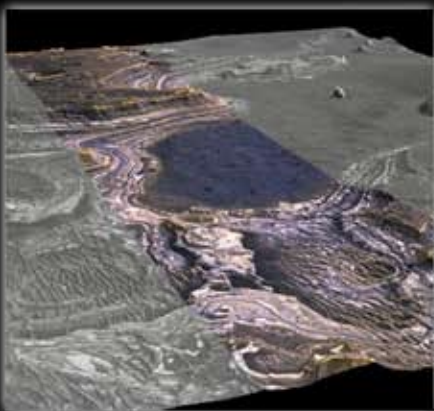
Instrument Lead:
Ball Aerospace & Technologies Corp.
Boulder, Colorado

April 15, 2010



Oblique view of sand dunes with gullies containing seasonal frost

Simulated HiSCI Images



Oblique view of layered sediments with hydrated minerals
(but the entire HiSCI image will be in color)



Ancient (inactive) mud volcano that could have released methane



Active gullies in an impact crater

