

LANDING SITE ENGINEERING CONSTRAINTS. D. Spencer, MSP'01 Mission Manager, Jet Propulsion Laboratory, California Institute of Technology, Pasadena, CA 91109-8099 (david.a.spencer@jpl.nasa.gov).

Based upon the lander design, constraints are placed upon the landing site selection process in order to mitigate landing risk and optimize mission performance. Constraints are placed on the landing site latitude, elevation, measured rock abundance and terrain slopes within the landing footprint. Es-

timated mission lifetime and power availability as a function of landing site latitude will be presented. The dimensions of the landing footprint will be given. Plans for obtaining high resolution MOC images of candidate landing sites will be discussed.