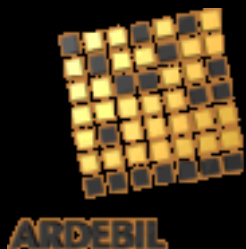




Mars Society Australia

Practical Steps to Put Human Feet on Mars



Dr. Graham Mann
School of Information Technology
Murdoch University





Mars represents a challenge to our scientific understanding, to our technological ability and to our adventurous spirit



October, 2001: An MSA expedition leaves Adelaide to survey outback for Mars-like sites



Expedition arrives at the Breakaways,
21 km north of Coober Pedy, SA





MSA scientists consider the analog value
of a prospective hillside





Trying out a Honeywell MCP suit glove,
journalist Jennifer Laing digs into a Mars-
like gibber plain, 145km north of Oodnadatta





Analogue version of the MarsSkin
space suit now under development
in Melbourne, Sydney and San Diego





Artist's conception of prototype pressurised exploration vehicle, the Starchaser Marsupial Rover





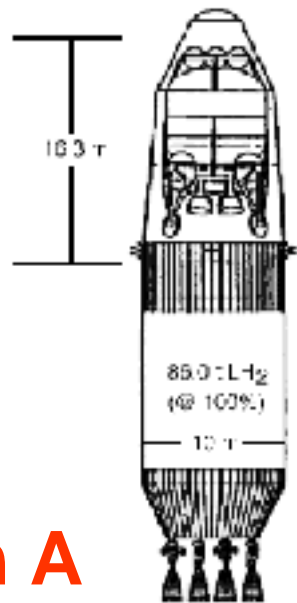


MARSUPIAL
marsupialclub.org.au



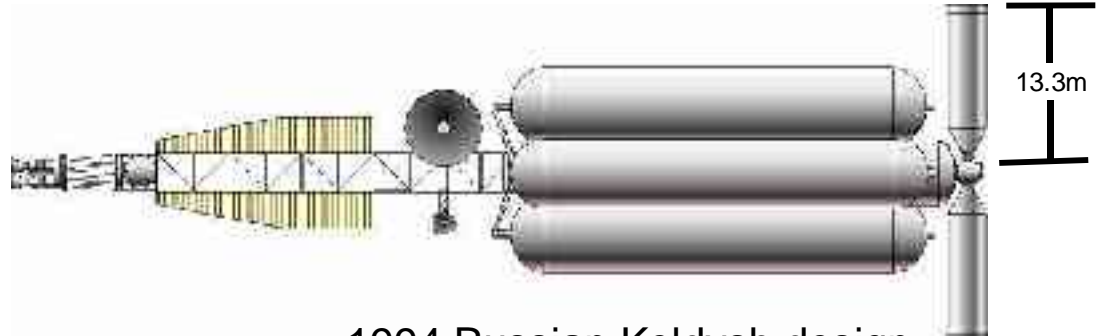
The Mars Desert Research Station in SW Utah awaits Canadian, Australian and US scientists for Ex-One rotation. Feb-Mar 2003





1997 Design
Reference
Mission
design

Plan A



1994 Russian Keldysh design

Plan B





MSA's planned Operation Red Centre,
combining Mars-Oz habitat, with rover,
MCP suit and communications projects





Australian Mars Exploration Conference

University of Sydney – Faculty of Engineering - July 12th – 14th 2002

“ Exploring the Red Planet”



Wanted:

- **People with vision, determination and skills in**
 - engineering
 - sciences
 - design & manufacturing
 - project management
 - fundraising
 - logistics
 - transportation
 - media & visual arts
- **In-kind equipment loan**
- **Volunteer labour**
- **Financial sponsorship**





www.marsociety.org.au