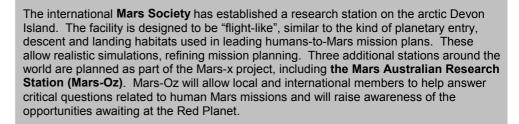
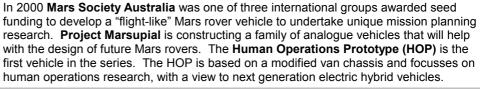


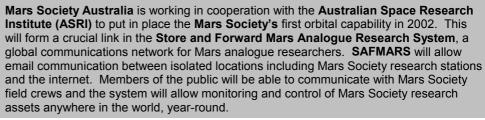
## OPERATION RED CENTRE

**Operation Red Centre (ORC)** is the flagship of the technical programme for **Mars Society Australia**, an organisation affiliated to the international **Mars Society**. Be part of these exciting projects! MSA, taking you from the Red Centre to the Red Planet...











Mars Society Australia is developing a valuable electronic database containing comprehensive information on Australian sites of interest to Mars researchers around the world. Project Jarntimarra (Jarntimarra means "star" in the aboriginal Warlpiri language of central Australia) will also plan and execute field operations in support of Operation Red Centre. Jarntimarra involves experts in various scientific disciplines including geology and microbiology, as well as outdoor and 4WD enthusiasts.

Analogue simulation depends on subjecting crew members to the same kinds of constraints expected for human crews on the surface of Mars. A key element of **Operation Red Centre** is therefore a Mars analogue surface suit. **Project Mars Skin** will apply the latest research in such systems to develop realistic Mars suits for use in analogue research activities. There is a particular focus on the Mechanical Counter-Pressure (MCP) suit concept, and we plan to work with the the original NASA designers of the MCP to test analogue systems in Australia.



## Resources

- Commercial Sponsorship and Monetary Donations
- Donation of Materials, equipment and facilities

## **Volunteers**

- Technical Specialists in a wide variety of areas, including Science, Engineering, IT
- Generalists in a wide variety of areas to assist with fundraising, management and administration
- Enthusiasts with outdoor and/or 4WD experience and equipment

For more information contact: Jason Hoogland (Brisbane) 0413 00 887 or (07) 3365 4251 or visit our website,

WWW.MARSSOCIETY.ORG.AU