

ANNUAL REPORT 2001-2002

M A R S S O C I E T Y A U S T R A L I A I N C

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1 MSA AT A GLANCE

Our Goals

- 1. Broad public outreach to instil the vision of pioneering Mars.
- 2. The support of more aggressive government funded Mars exploration programs around the world.
- 3. Conducting Mars exploration on a private basis.
- 4. The encouragement of Australian participation in education, industry and government and on an individual basis.

Major Achievements 2001/2002

- Legal status of an incorporated association acquired on 2 October 2001.
- The Jarntimarra 1 expedition through Central Australia.
- The second annual Australian Mars Exploration Conference (AMEC2002).
- The national tour of former Apollo 17 astronaut and moonwalker Dr Harrison Schmitt.
- Participation in a range of national outreach activities.

Current Projects

Jarntimarra MarsOz Marsupial Rover MarsSkin

Financial Summary

ACTIVITY	EXPENSE	INCOME
administration	\$3,563.45	\$3,257.21
Jarntimarra 1	\$23,171.62	\$27,343.69
MarsSkin	\$566.67	\$225.00
Marsupial	\$12,458.17	\$11,526.07
Total	\$39,759.91	\$42,351.97

Board of Directors

President Guy Murphy
Vice-President David Cooper
Treasurer Marshall Hughes
Secretary Kath Ager

Directors Jennifer Laing (public relations)

Dr Jonathan Clarke, Dr Graham Mann Matilda Thomas, Jozef Michalek

Jason Hoogland (technical director) retired Jan 2002

State Coordinators

New South Wales Michael West Victoria Felix Dance

Queensland Arran Haydon-Clarke

South Australia Marcia Tanner
Western Australia David Cooper
Northern Territory Paul Grey
ACT Marcus Champ

Webmaster

Sandy Dance

2 PRESIDENTS REPORT

By Guy Murphy MSA President

2.1 THE YEAR TO DATE

The Mars Society Australia (MSA) has lofty goals, which it advances in practical, exciting and useful ways. Having become an incorporated association on 2 October 2001, its first year has included a series of outstanding events relating to outreach and research, which have helped position Mars Society Australia as one of the country's leading space advocacy groups.

The Jarntimarra 1 expedition travelled through South Australia and the Northern Territory in October/November 2001. It was undertaken to visit, evaluate and rank Australian Mars analogue sites for use by the MSA for future field research activities such as testing the Marsupial analogue rover and future deployment of an Australian analogue research station. Expedition members included two distinguished NASA researchers Dr Carol Stoker and Dr Larry Lemke.

This year's annual conference AMEC2002 was held at the University of Sydney in July 2002. It was attended by over 130 delegates (including several from overseas), with more than 20 speakers presenting papers relating to science, engineering and humanities. Highlights included the first debut of version 1.0 of the Mechanical Counter Pressure (MCP) analogue suit designed by James Waldie. Paper submissions were peer reviewed, with conference proceedings now under production. Special thanks goes to the organising committee, in particular NSW branch coordinator Michael West, and public relations director Jennifer Laing for the many months of dedicated hard work.

Only one geologist has undertaken fieldwork on the surface of another planetary body, and that man, former Apollo 17 Astronaut Dr Harrison Schmitt, was in Sydney to open AMEC2002. Dr Schmitt visited Australia for a two week tour as a guest of the MSA, putting space exploration on the minds of hundreds of thousands of Australians. During this time he appeared at several dozen events in Sydney, Canberra, Brisbane and Melbourne, addressing combined audiences of over 5000 people. He also undertook a large number of television, radio and print media interviews, appearing on national broadcasts including the 7.30 Report with Kerry O'Brien and the Today Show.

MSA runs an extensive program of analogue research projects, which contribute in a modest but useful way to the body of scientific knowledge required for future human exploration activities. Summaries of each of these projects follow in the main body of this report. MSA also provides it members with a growing range of services including newsletters, an online Mars shop and local outreach events. These services reflect the hard work and dedication of MSA Outreach director and Vice-President David Cooper.

Next year will see a continued emphasis by the board on advancing MSA's outreach activities and research projects, with the ever-present need to funding for projects.

With a series of new robotic landers and orbiters arriving at Mars from the end of 2003, Mars enthusiasts and researchers will have much to look forward to in the coming 18 months.

3 FINANCIAL REPORT

By Marshall Hughes MSA Treasurer

3.1 EXPENSE AND INCOME SUMMARY FOR 2001 - 2002 FINANCIAL YEAR

Cost Centre	Description	EXPENSE	INCOME
ADMIN		\$3,563.45	\$3,257.21
JNT - 1		\$23,171.62	\$27,343.69
MARSSKIN		\$566.67	\$225.00
MARSUPIAL		\$12,458.17	\$11,526.07
		\$39,759.91	\$42,351.97

3.2 ADMINISTRATION EXPENSES AND INCOME FOR JULY 2001 – JULY 2002

Cost Centre	Description	EXPENSE	INCOME
ADMIN	ACC SERVICE FEE	\$1.35	
ADMIN	INCORPORATION	\$210.56	
ADMIN	CREDIT INTEREST		\$42.21
ADMIN	GOVT DUTY	\$52.62	
ADMIN	MEETING EXPENSES	\$1,656.56	
ADMIN	NEWSLETTER	\$1,384.14	
ADMIN	PRINTING &	\$258.22	
	STATIONERY		
ADMIN	SALES		\$374.00
ADMIN	MEMBERSHIP		\$2,301.00
DONATIONS	DAVID COOPER		\$440.00
DONATIONS	EDITH DE VERMONDE		\$50.00
DONATIONS	PAUL GREY		\$50.00
		\$3,563.45	\$3,257.21
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^{*} Printing and stationary costs are in part administration, in other parts costs unable to be directly cosseted to a project.

3.3 JARNTIMARRA 1 EXPENSES AND INCOME FOR JULY 2001 - JUNE 2002

Cost Centre	Description	EXPENSE	INCOME
JNT-1	STARCHASER		\$27,183.69
JNT-1	ABC FOOTAGE	\$66.00	
JNT-1	TRAVEL EXPENSES	\$400.00	
JNT-1	T-SHIRTS	\$300.00	
JNT-1	T-SHIRTS	\$700.00	
JNT-1	TRAVEL EXPENSES	\$7,870.71	
JNT-1	TRAVEL EXPENSES	\$537.74	
JNT-1	WESTPRINT	\$1,500.00	
JNT-1	BALEANA CAFÉ	\$243.00	
JNT-1	TRAVEL EXPENSES	\$840.00	
JNT-1	PROMOSHOP	\$528.90	
JNT-1	X2 DESIGN	\$165.00	
JNT-1	FILM	\$59.80	
JNT-1	FOOD, FUEL, ETC	\$6,500.00	
JNT-1	BAYSIDE MOTEL	\$110.00	
JNT-1	JASON HOOGLAND EXP	\$324.52	
JNT-1	BANNERWORLD	\$885.00	
JNT-1	TRAVEL EXPENSES	\$262.69	
JNT-1	TRAVEL EXPENSES	\$474.74	
JNT-1	WESTPRINT	\$753.40	
JNT-1	JENNY LAING EXP	\$132.08	
JNT-1	FREIGHT CHARGES	\$110.85	
JNT-1	T-SHIRTS		\$160.00
JNT-1	UNI CBA SAT PHONE	\$407.19	
		\$23,171.62	\$27,343.69

^{*} There is an additional charge of approximately \$700.00 for a flight at Arkaroola which is not included in this figure as the amount was not confirmed at time of writing the report.

3.4 Marsupial Expenses And Income For July 2001 - June 2002

MARSUPIAL	MARS SOCIETY US		\$9,526.07
MARSUPIAL	JASON HOOGLAND	\$101.51	
	EXP		
MARSUPIAL	TARP FOR HOP		
MARSUPIAL	TOWING OF HOP		
MARSUPIAL	HOP STORAGE		
MARSUPIAL	TNT CAR CARRYING	\$1,292.50	
MARSUPIAL	WORKSHOP STORAGE	\$114.16	
MARSUPIAL	GRAPHICS SOLUTIONS		\$2,000.00
MARSUPIAL	LANDROVER	\$3,500.00	
	PURCHASE		
MARSUPIAL	LANDROVER WORK	\$2,000.00	
MARSUPIAL	LANDROVER WORK	\$2,000.00	
MARSUPIAL	BRUCE ARMSTRONG	\$3,450.00	
		\$12,458.17	\$11,526.07
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^{*} Project Marsupial is in profit overall, but the first payment from MSA US was in 2000/2001.

3.5 MARSSKIN EXPENSES AND INCOME FOR JULY 2001 - JUNE 2002

Cost Centre	Description	EXPENSE	INCOME
MARSSKIN	EQUIPMENT PURCHASE	\$390.47	
MARSSKIN	EQUIPMENT PURCHASE	\$176.20	
MARSSKIN	STAR WARS NIGHT		\$225.00
		\$566.67	\$225.00

^{*} The Marsskin Project and the Helmet Project are receiving funding and support from outside sources, which are not included here.

^{*} Following on form the standard set last year, the purchase of the Landrover chassis has been listed as an expense, not an asset.

Once registered and insured the Marsupial Rover can be listed as an asset.

4 MEMBERSHIP SERVICES

By David Cooper MSA Vice-President & Membership Services Director

4.1 MEMBERSHIP:

The core of any successful organisation is in its members, and fortunately we have been growing from strength to strength. Membership standing at near 140 members, with a few more to be processed in my in-tray. NSW has ballooned as a result of AMEC 2002 and the efforts of Jennifer and Michael in the making the conference successful.

4.2 MSA NEWSLETTER

The latest edition of the newsletter includes a report on the Harrison Schmitt tour and AMEC2002. The newsletter is always in need of articles and other material for inclusion, so I encourage members and project managers to support this publication by sending in a contribution.

4.3 MARS GENERAL STORE

The Mars General Store is a retail subsidiary of the MSA Inc, and will be a profit making organisation, within the MSA, providing members and space enthusiasts with literature, audio/visual, clothing of a Mars nature, space models and toys, touching on other areas of space interest where thought applicable.

The Mars General Store will be able to be accessed through the MSA's website or as a stand-alone dot com. Members of the MSA will be able to receive a "Members Discount" on all items (subject to management approval),

4.4 MARSKIDS PROJECT

As a result of the workshop on Outreach and Education at AMEC, a group of members joined a discussion list called <u>MSA Educators@yahoogroups.com</u> with the intent of expanding this area of the MSA.

NSW member, Debbie Windsor proposed a MarsKids page that would appeal to you Martians, and as result has been working on teaching herself HTML, and putting together a set of web pages that will provide children, parents and teachers access to Mars oriented teaching material, games and other exciting activities to bring Mars to life.

This is still an evolving project and no further information is available at this point in time.

Conclusion:

I would like to take an opportunity to thank all the members of the MSA who have helped me, especially the Western Australian mob, who have been so supportive and enthusiastic over these early years.

5 PUBLIC RELATIONS

By Jennifer Laing Public Relations Director

5.1 INTRODUCTION

I have been acting in the capacity as PR Director of Mars Society Australia for the past twelve months. The PR effort at this stage of MSA's development turns on volunteer labour, chiefly myself with assistance from time to time by Jason Hoogland (Jarntimarra and the Harrison Schmitt tour), Michael West (AMEC and the Harrison Schmitt tour), Guy Murphy (website and brochures), and Dave Cooper (merchandise and membership liaison). I would like to thank them for their support and hard work.

Scarce funds for PR activities means that we rely heavily on unpaid advertising such as media interviews on TV, radio, web and print and/or speaking engagements and attending space-related events, to raise public awareness of our activities and goals. I do not see this changing for the foreseeable future. It is a challenge to get the message across, but I have been aided by MSA members with a respect for the power of the media and the patience and enthusiasm to devote much time and effort to the task.

MSA is now approached by media outlets on a regular basis as credible spokespersons on Mars-related issues and there are frequent requests for interviews which come without prompting by press releases.

Much of this load for media interviews has fallen upon directors Dr Jonathan Clarke and Dr Graham Mann, as well as our former Technical Director Jason Hoogland, due to their scientific know-how and involvement with MSA technical projects, and I appreciate their willingness to speak to reporters on a regular basis, often at short notice.

5.2 JARNTIMARRA I EXPEDITION – OCT/Nov 2001

This expedition received widespread coverage in the media, thanks in part to the involvement of NASA scientists Dr Carol Stoker and Dr Larry Lemke which heightened interest in and newsworthiness of the expedition.

Pre-expedition, the event received coverage in the *Sydney Morning Herald* (two large features), the *Herald-Sun* newspaper, Science Online (ABC) and the *Adelaide Advertiser*, as well as various radio interviews with expedition participants across the country. I put together a number of press releases and made contacts with media personnel who were keen to line up interviews. *Australasian Science* featured a Mars issue in August 2001, looking at Australia's role in Mars exploration and plans for a habitat in the Outback (MarsOz).

A press kit on the expedition was produced and could be downloaded from the MSA Website.

Almost all members of the expedition team were interviewed over the course of the 2 week expedition on radio, TV, newspapers and the Web. A 15 minute segment on the expedition was filmed by Channel 9's Today Show at Henley Craters, near Alice Springs, as well as footage by the ABC and Imparja TV. This appeared nationally on TV news bulletins. Interviews were conducted with ABC Radio at several waypoints, the *Age*

newspaper, the *Adelaide Advertiser*, Wired Online, the *South China Morning Post*, and BBC Radio 5. A reporter from the Centralian newspaper met with the group at Alice Springs and ran several features. One member of the expedition also took part in a panel discussion on Mars on ABC Radio 3LO from an Outback camp. All these interviews were carried out by satellite phone or a local phonebox. Mobile phone was used where coverage was available.

A diary written by several members was placed on the website at several stages during and after the expedition. Photos were also posted on the web and sent to several outlets for publication. One of my photos accompanied the *Age* article on the expedition. Photos were taken by digital and 35mm cameras by a number of people and kept as an archive of the expedition and for publicity purposes. Several photos have been enlarged and laminated as posters for display at conferences and public forums.

Prior to the expedition leaving Adelaide, there was a public forum organised at the University of Adelaide, chaired by Dr Vic Gostin. Speakers were Dr Carol Stoker of NASA Ames Research Center, Dr Mark Bishop of the University of South Australia and Jason Hoogland, then Technical Director of MSA. It attracted a small but enthusiastic crowd, one of whom later became our South Australian Co-ordinator.

Post Jarntimarra, interviews with expedition members appeared on ABC Radio, the *Centralian* newspaper, the *Adelaide Advertiser* and the Melbourne *Herald-Sun* newspapers. There were features with photos in Australasian Science magazine and the Qantas in-flight magazine. *Australian Geographic* magazine has included a number of small items on Jarntimarra and is to publish an article on Mars research by Prof. Malcolm Walter, one of the expedition members, which will include information on Jarntimarra.

5.3 CONFERENCE, PUBLIC EVENTS & LIAISON

5.3.1 Harrison Schmitt Tour

I took on the role of joint AMEC Co-ordinator with Michael West in January and invited Dr Harrison Schmitt, former Apollo 17 astronaut and one of the last two men to walk on the Moon, to address our annual Conference and take part in a lecture series across the country. The aim was to focus media attention on the fact that it was 30 years since people had travelled to the Moon and the timetable for people going to Mars.

Various groups had to be organised to sponsor the tour and host Dr Schmitt's presentations. It took 6 months to get the tour up and running and raise the required funds. The outcome however was a highly successful visit.

Dr Schmitt visited and spoke at Bioastronomy 2002, AMEC 2002, the Powerhouse Museum, a public lecture run jointly with the National Space Society of Australia, the National Museum of Australia, the Australian National University, La Trobe University, a breakfast for Corporate Travellers (division of Flight Centre), the AIP Congress, the University of Sydney, Aviation Australia, the Institution of Engineers (QLD Division), the University of Queensland, Mt Stromlo Observatory, the National Press Club, Strathmore Secondary Collage, Scotch College, Hawksbury High School, and a combined Rotary Clubs dinner. His visit was accompanied by widespread exposure on radio, TV and newspapers, co-ordinated by the PR Director in conjunction with representatives of the various groups. TV coverage included the 7.30 Report, the Today Show, and national news broadcasts. A radio interview with ABC Classic FM (Margaret Throsby) attracted an audience that might otherwise be unfamiliar with MSA. Throughout his visit, Dr Schmitt

emphasised that the tour was organised by MSA and spoke briefly about our work and goals.

A press kit for the Dr Schmitt visit was produced and placed on-line, as well as a MSA brochure for delegate kits.

5.3.2 AMEC 2002

AMEC 2002 was also highly successful with high-profile international speakers such as Dr Everett Gibson from Johnson Space Center and Dr Schmitt, combined with local experts involved in Mars-related research. The number of delegates grew by over 300% from the previous year, thanks in part to media coverage in Sydney leading up to the event. Special events included a dinner on the Friday night with Dr Schmitt as guest speaker, a visit to the Sydney Observatory and a delegate's dinner on the Saturday night at a local restaurant. It gives us a good base for the 2003 event, scheduled for Perth.

5.3.3 Public Outreach Events

A number of MSA people staffed display stands at events with a 'space' or 'science' theme, to promote MSA to the public. Events included university Open Days, a Science show at the Melbourne Exhibition Centre, Astrofest in Perth, a public lecture on Mars at the National Museum in Canberra, and the Australian Space Development Conference in Sydney.

Speakers from MSA gave presentations to various groups including the Space Association of Australia, the University of NSW, and Rotary. A member of MSA spoke at the Year of the Outback celebrations at the Arkaroola resort in South Australia, close to the site chosen for the MarsOz habitat.

Meetings were held with the NASA Representative to Australia, Dr Neal Newman, and the National Space Society of Australia on space-related issues and opportunities for MSA. It is hoped that discussions with Government will appear higher on the PR agenda next year, with a view to seeking support for projects and activities with benefits to the Australian taxpayer.

The National Museum of Australia has asked MSA people to address schools as part of their education program. This is an important area of PR activity, which has not yet been fully capitalised on, due to time and resource constraints. The PR Director is a member of the Victorian Space Science Group, co-ordinated by the Department of Innovation, Science and Resources, and has made contacts with educators across the Victorian education sector. Producing a series of educational materials on MSA activities for schools is a priority for the PR Director over the next year.

MSA will take an active part in the Mars & Beyond exhibition when it travels to Melbourne in November 2002. We have assisted with securing public speakers and will have people available to talk on Mars-related topics when needed. Display material will also be produced for this event.

A paper on the Jarntimarra expedition and MarsOz, the habitat proposed to be built in the Outback, was presented at Bioastronomy 2002, on Hamilton Island in July 2002.

5.4 FUNDRAISING

Part of my unofficial role as PR director is fundraising for various projects. I raised the funds for the Jarntimarra expedition and Dr Harrison Schmitt visit and have sought sponsorship of the MarsOz and MARS-SKIN projects over the past couple of months. I am also involved in raising funds for Expedition One – a joint Canadian/Australian Mars Society simulation exercise on the Mars Desert Research Station in Utah planned for early next year. I may also take part in the Expedition in a PR capacity to highlight the collaborative effort and arrange media days and promotional material.

Sponsorship documents have recently been sent to a number of prominent Australian and international organizations. This will be followed up by personal visits and presentations where possible.

5.5 PR MATERIAL

A number of promotional items were produced over the past year, including T-shirts and drink bottles for the Jarntimarra expedition, MSA T-shirts, and Mars stickers. Posters and a banner were also commissioned for use at public events.

A general MSA brochure has been produced for AMEC 2002 and further stocks will be printed for distribution at organizations such as planetariums, science museums, observatories and exhibitions and public events related to space activity.

The website www.marssociety.org.au is another important window to the world. As part of a website revamp, a PR site within the home page will centralise PR activities and information available to the media, such as photos, biographies and press kits/press releases.

5.6 SUMMARY

The past year has seen MSA jump from an organisation that was basically known only to space enthusiasts, to a respected advocate on Mars-related issues, particularly in the scientific arena. This has taken place in spite of limited resources, and augers well for the next few years, when fundraising will be at a premium and media exposure of prime importance.

Highlights of the year include the PR campaigns supporting the Jarntimarra expedition, AMEC 2002 and the visit of Dr Harrison Schmitt to Australia.

6 PROJECT REPORTS

6.1 JARNTIMARRA 1

Project Manager - Dr Jonathan Clarke



The Jarntimarra-1 expedition consisted of a party of 20 people who visited and evaluated a number of sites in central Australia as possible locations for Mars analogue research. The expedition ran from October 26th to November 2nd, 2001, and visited sites in South Australia and the Northern Territory were accessed by road and the expedition clocked up more than 4,000 km by the end of the trip. As field part leader I believe that the expedition was a phenomenal success, with an extremely diverse group of people, many of whom had never met previously, working together with tremendous enthusiasm towards a common goal. As a result we not only achieved our goals, I believe we exceeded them. Without the effort by everyone the expedition could not have worked.

The primary goals of the expedition were -

- To visit sites in South Australia and Northern Territory previously identified and assess their analogue value
- To samples the hot cores of the Birdsville Track for extremophiles
- To decide on a site for ORC and specifically MarsOz
- To decide on an operations plan for ORC
- To raise public awareness of MSA

The preferred site for the proposed Australian analogue research station was on the gravel plains to the east of the Arkaroola zone's central point, between the eastern side of the northern Flinders Ranges and Lake Frome. This was chosen for a number of reasons. It will allow easy access to sites in the Flinders Ranges proper and on the plains that surround Lake Frome. There are many different terrains and areas of extremely high scientific interest in the vicinity. It will also simplify logistics, as a well-maintained, unsealed road runs up the eastern margin of the ranges, joining the Strzelecki Track to the north and the Barrier Highway to the south. The exact co-ordinates of the Hab site will be decided upon during a further expedition after discussion with relevant land holders.

Further information is available at http://www.marssociety.org.au/geology.shtml

6.2 STARCHASER MARSUPIAL ROVER

Project Manager – Dr Graham Mann



Humans will be sent to Mars to explore, and one of the ways in which they will do this will be using rugged, all terrain vehicles. The requirements of Martian rovers will differ from those used in the lunar landings in a number of ways. They will need to be capable of undertaking long overland journeys, contain pressurised living quarters and be robust enough to operate for periods of years.

In 2000 the international Mars Society Rover Initiative (MSRI) provided three teams with seed funding to commence design and construction of working Mars pressurised rover simulation platforms, which could be used to investigate these kinds of questions. Two teams were from North America, the other was Mars Society Australia (MSA).

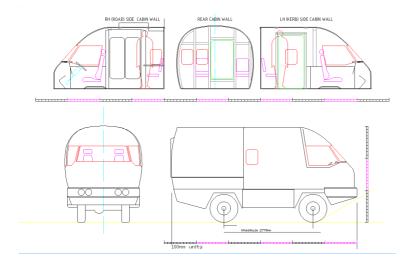
The Australian project, originally called 'HOP' was initially based in Brisbane, Queensland. In early 2002 the project was transferred to Freemantle, WA and Dr Graham Mann assumed leadership of the project.

Stage 1, now complete, consisted of the purchase of a suitable vehicle chassis (a Forward Control Landrover), and its refit and modification for use as the Marsupial rover.

Stage 2, now underway, will be the design and construction of a plastic body to make the machine into an eye-catching, yet functional Mars rover. Most importantly it must effectively serve our needs as a test vehicle for trying out exploration strategies, equipment tests and plausible surface operation scenarios during Operation Red Centre.

Stage 3, accordingly, will complete an interior fitout of the vehicle. This will involve the purchase and installation of interior lighting, communications station, storage cabinets, bunks, spacesuit lockers, sink and toilet facilities. In effect, the vehicle will be turned into a self- contained camper, ready for travel across the simulated Martian landscape.

Following the receipt of sponsorship for stage 2 from Starchaser Industries in late 2002, the project was renamed the Starchaser Marsupial Rover.



6.3 MARSSKIN

Project Manager – James Waldie



Project MarsSkin aims to design, produce and test analogue mechanical counter pressure (MCP) space suits which, will behave in a near identical fashion to the real MCP suits which may one day be worn on Mars. The intention is produce suits that may be used in Mars analogue research projects undertaken in Australia and internationally.

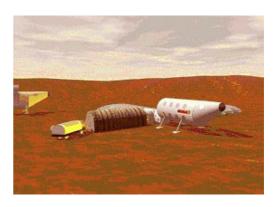
The first prototype MarsSkin analogue MCP suit was displayed at AMEC2002, at the University of Sydney on 13 July, 2002. The suit aims to realistically recreate the form fitting layers, movement restrictions and general appearance of a real MCP suit. It incorporates a helmet system being developed by students at the University of Sydney. It represents a significant evolution from the existing analogue suits developed by the US Mars Society for use at the Devon Island and Utah research stations.

Further development work will be undertaken on the helmet, a cooling system, dataloggers /communications devices and arm mounted control systems. Field trials will also be carried out to test the suit in different conditions before it is used in real simulation studies.

Further information is available at http://www.marssociety.org.au/marsskin.shtml

6.4 MARSOZ

Project Manager – Dr Jonathan Clarke



MarsOz is a plan to establish a Mars analogue research station in outback Australia. The facility will be a laboratory for learning how to live and work on another planet. It will be a prototype of a habitat that will land humans on Mars and serve as a simulated main base for months of exploration in the harsh Martian environment.

The Mars Society Australia has released two detailed proposal documents relating to MarsOz. These may be found at –

http://www.marssociety.org.au/library/MarsOZ Proposal-ver1b.pdf

http://www.marssociety.org.au/library/MarsOZ Addendum1.pdf