

Picture of vehicle:



Name of vehicle: MOONBUGGY

Picture of team leader:



Name of team leader: Rod Smith  
Team Name: Moonbuggy  
Team E-mail: r.smith@moonbuggy.com  
Website: www.moonbuggy.com  
Location: U.K.  
Institution/Company: MOONBUGGY LTD  
Address: SOLWAY ESTATE  
MARYPORT

CUMBRIA

Telephone: +44(0)1900 815831

Fax: +44(0)1900815553

Team Description: Director Rodney Smith and Technical Director Richard Smith from the Lake District of the UK have entered one of a range of all terrain machines from Moonbuggy. The project has been financed 100% by Smith Engineering (GB) Ltd

Richard Smith has developed the Electronics hardware and software from scratch which includes all of the command and control system ,video signal processing and power supply/ servo drive controllers.

The telechiric has a range of 1.5Km line of site with a further range of 0.5 Km from a remote slave electric vehicle. The ability to see round corners using video is a major unique selling point. The vehicle has a 33hp diesel engine giving a range only limited by fuel tank size. Drive train is hydraulic through servo regulation and 6 wheel drive. Video cameras front and rear give good ,easy to control feedback.A pan tilt and zoom independant camera combined with picture in picture display shows good detail of target. Chemical instrument readings are fed back to operator and displayed on the video screen in real time along with GPS info.

Project is the result of 4 years sporadic development.

Sponsors: Smith Engineering (GB) Ltd

Selection of scenario: Urban, Non Urban, EOD