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## October 2010 - Newsletter

**Howdy sponsors, supporters, friends and LSR followers, welcome to our October 2010 Newsletter.**

This past month has been really full on with heaps of PR activities and public appearances in between trying desperately to complete some vehicle design areas and fabricate the components necessary to get our car on wheels. Unfortunately we did not meet our build schedule this month, which just means we have to work a lot harder over the next one, but boy we had some exciting times regardless.

Our Project Manager Mark Read, his son Scott and I were invited to attend the F1 in School Technology Challenge State Finals at the Midland Workshop Complex. We brought along our camera crew from Loco TV and spent a great day watching various schools racing their model F1 cars, powered by soda bottle cartridges.



Two cars race side by side in a 25 metre drag race down a purpose built track with all the specialised timing equipment you would see at a drag strip. The engineering and technology that goes into these cars is incredible and not only do the kids have to design the cars with CAD software and then construct them, they also have to find sponsors to fund their entry and build their car.

The young students gain experience in engineering, physics and team building, as well presentation skills, having to present their project to a panel of judges. What a fantastic day it was and our thanks go out to Ric Johnson and the gang from Rostrata Primary School for the





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Invite, Arun D'Souza and Michael Myers, Founder and Executive Chairman of the REA Foundation.

This is a big competition, and we attended the WA state finals, then it is on to the Australian nationals and then the winners from each country assemble for the world finals in Singapore.

**Stop press** – The world finals have just taken place. Read a report of who won what!

<http://www.f1inschools.org.au/wc>



Being the Patron for the Kids Cancer Support Group in Western Australia, I was invited to attend the official opening of Princess Margaret Hospitals Oncology Garden. What a great transformation achieved by a very dedicated crew of volunteers, turning a very drab looking outside area into a showpiece of art, murals, gardens and gazebo.

I often thought to myself how unfriendly and depressing it must be for sick kids to look out of their beds onto grey walls and dirty walkways. Take a look at the revamp, this whole area has undergone a complete facelift and is a pleasure to visit. My hat goes off to Sue Bradbury, Barry Ashbolt (The Legend), the GWN TREK CREW and all the good folk who helped bring this amazing garden to reality.



Rosco as Patron at the official opening of Princess Margaret Hospitals Oncology Garden

Please visit <http://www.kcsg.org.au>. I feel very humble in the presence of these motivated and unselfish people.







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We were asked to do a TV segment for Channel 9's Weekend Today Show last weekend; this was supposed to be a pretty straight forward shoot with a live broadcast from our workshop with the footage beamed back to Sydney. We had two satellite trucks spend two days trying to link up a signal from my workshop to truck one, then to truck two and then to the station, unfortunately this did not pan out and I had make a hurried trip into our local TV station for the live broadcast.

Evidently the story went pretty well and I received several phone calls from around the country all saying "job well done". Mark has added a link to this story on our webpage, but if you have not already seen it - <http://today.ninemsn.com.au/?videoid=2dbc6126-d4ff-4878-9673-daf9e32c147a>

We also had a great newspaper story in The Weekend Australian two weeks back. Read it online [http://www.aussieinvader.com/press\\_coverage.php](http://www.aussieinvader.com/press_coverage.php)

Curtin University did a story on my visit to meet the crew of their in-house race team who operate from inside the Curtin Uni Complex.

These students design, build and race their own race car creations in between studying for their engineering degrees. Great work guys.



Rosco, Joel, Callum and Greg

### The status of our project in brief



<http://www.totalcam.com.au/>

We were recently blessed to have one of Perth's best machine shops offer to support us with the fabrication of several components needed to get our car completed and on wheels.

Total C.A.M. Solutions has many years of experience in the Aerospace and Automotive industry and its primary aim is to provide its customers with quality engineered products and services. TCS can handle basically any machining job required, first class service and first class workmanship.





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Our good friend Leon Eversfield from Aeromechanics in Wales is waiting on data from our front suspension to compile a FEA analysis, our crew members Mike Annear and Lorenzo Mattaboni are still working on gathering this information. We are still eagerly waiting on a visit by John "Ackers" Ackroyd to cross check some of cars performance and handling characteristics, in particular her changing centre of gravity under power and yaw moments created with propellant sloshing.

Ackers is presently working on a special feature presentation for the Delhi Commonwealth Games, he promises to visit us after this event.

We are still waiting on an engineering report to establish the top-hat skin attachment design, we intend to screw and glue these sheets in place but must leave the option to have them removable until our camera gear and computer boxes are positioned.



Our composite windshield construction is currently underway thanks to Robb at Hybrid Customs In Perth; these guys do some amazing composite creations for the race car industry.

We are also in discussions with a leading Perth Tooling Company who can create our nose plug out of a foam block using a CNC Robot mill, boy this will make the crew happy not having to rub back and sand to build this out of body filler.



<http://www.locotv.com.au>

Our good friends at Loco TV have nearly completed a 10 minute promotional DVD to help educate and inform potential sponsors of the great opportunities that exist with our project. Hopefully we can put this up on our website very soon.

With other contenders in the race to break the land speed record and move on to 1000 mph, it does mean that there is the potential to raise the record many times over the next few years and the exposure for sponsors will be global and could last several years.

In closing we pay our respects to legendary US Navy rocket engineer Captain Bob C Truax who passed away on September 17<sup>th</sup>. Bob's contribution to the US rocket development program was huge and he was a pioneer in his field. I was privileged to be a part of a documentary on his life titled "Bob Truax, The US Navy's Rocket Man". Rest in Peace mate...

The Wikipedia entry for Bob - [http://en.wikipedia.org/wiki/Robert\\_Truax](http://en.wikipedia.org/wiki/Robert_Truax)





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<http://www.adswa.com.au>

We have known for a long time that we really need a great logo that captures the many unique aspects of our project that make it so special. Our Project Manager Mark Read contacted the Cottesloe agency ADS (Advertising Design Service) who offer a specialist logo design service along with many other services.

Mark said "I was lucky enough to speak to Adam Bates a director of ADS and he really wanted to help us". It turns out that Adam is a car nut, so he was on board with ADS producing the logo. Thanks guys.

### Get your name on our car

Before I sign off this month, we are in the process of putting together two sponsorship packages; one is for private individuals and the other is for corporate clients. Each sponsorship package includes a signed poster and your name printed on the car. The corporate package also includes an entry in a new section on our sponsors' page, with a link to your website. Package prices are anticipated at \$100 (AUD) for private individuals and \$300 (AUD) for corporate sponsors. Any private individuals who have already donated a \$100 or more will automatically be entitled to one and the same applies to corporate sponsors.

The final details are being worked out at the moment, but it would be good to gauge take up, so please let me know if you are interested - [rosco@aussieinvader.com](mailto:rosco@aussieinvader.com). It would make an ideal birthday or Xmas present.

Thanks to all of you who have the faith in my team's ability to achieve the impossible.

Until next month, be your very best...

**Rosco McGlashan OAM**  
Fastest Aussie on Earth

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