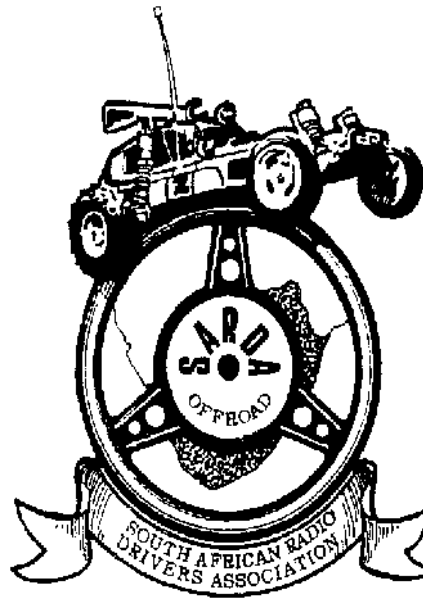


**PHOENIX RACEWAY – SARDA OFF-ROAD
ELECTRIC NATIONAL – ROUND 2: 21ST & 22ND
OF JUNE 2014**



**SARDA
Off Road**



1) GENERAL EVENT FACTS

- Official Name: SARDA Off-Road Electric Championship – Round 3
- Marketing name: 2014 Phoenix Raceway Nationals
- Event level: National Championships
- Date: 19th of June to 22nd of June 2014
- Host: Phoenix Raceway - Parys
- Venue: 10 Rias Tuine, Parys, Free State

2) HOST INFORMATION

Name: Phoenix Raceway

- Founded: +- 2001
- Members: Phoenix Raceway has 2 active members
- About us:

Phoenix Raceway was started in Klerksdorp and hosted various races. The last National event was hosted in 2008 when the event was unfortunately rain out with only 3 races completed for the whole weekend.

Phoenix Raceway submitted a bid to host Round 3 of the SARDA Off-Road Electric Championship at their home track in Klerksdorp. Due to some issues regarding this venue it was decided to build a new track in Parys, Free State.

This will be then the first race to be held at their new track.

- Races hosted:
 - o 2008 SARDA Off-Road Electric Championship (Round 1)
 - o Hosted various SARDA Off-Road Electric Championship from about 2001

3) CONTACT DETAILS

- Venue address: 10 Rias Tuine, Parys, Free State
S26 grade 53.499' & E027 grade 26.503'
- Telephone: Gerrit Gouws 083 303 5633 (Only between 5pm & 7pm)
- Email address: gerrit@gouws.com

4) RACE ORGANIZATION

- This race will follow SARDA Off-Road Electric Rules 2014 Version 1, these rules can be found on the SARDA website at www.sarda.org.za
- 2wd Stock, St-Stock & 4wd Stock will be run in “blinky” mode, thus 0° timing.

PREFERRED TIRES

- WE DON'T KNOW YET, but the following tires might work according to the track designer, Gerrit Gouws:
 - o Pro-Line Hole-Shot
 - o Panther Raptors
 - o J-Concepts Double Dees

- If the track forms a racing line the following tires might come into play:
 - Pro-Line Suburbs & Scrubs
 - Panther Ratlers & Bobcat
 - J-Concepts Bar Codes
- Try and see what works when you are going practicing on Saturday 14th of June 2014 & Sunday 15th of June 2014.

APPROVED FREQUENCIES

- 27 MHz: Only frequencies 26.995, 27.045, 27.095, 27.145, 27.195, and 27.255MHz
- 2.4GHz DSM/DSS systems

5) TENTATIVE SCHEDULE

- Day 1 – Thursday, 19th of June 2014 (Is this required, anybody planning on practicing on the Thursday?)
 - 11:30 pm Doors Open
 - 12:00 pm – 6:00pm Open Practice
- Day 2 – Friday, 20th of June 2014
 - 7:00 am Doors Open
 - 8:00 am – 3:00pm Open Practice And Registration
- Day 3 – Saturday, 21st of June 2014
 - 7:00 am Doors Open
 - 7:30 am Driver's Briefing
 - 8:00 am Round 1 qualifying
 - 10:30 pm Round 2 qualifying
 - 1:00 pm Round 3 qualifying
 - 3:30 pm Round 4 qualifying
- Day 4 – Sunday, 22nd of June 2014
 - 7:00 am Doors Open
 - 7:30 am Driver's Briefing
 - 8:00 am Round 1 - Mains
 - 10:15 pm Round 2 - Mains
 - 12:45 pm Round 3 – Mains
 - 15:00 pm Prize Giving

6) REGISTRATION

- Registration is open on the SARDA website, entries will close Friday 13th of June 2014.
- Please remember to affiliate with SARDA Off-Road Electric so that you can enter for the Nationals
- Please remember to forward proof of payment to sfourie237@gmail.com

7) VENUE AMENITIES

- Public toilets
- A good supply of food and drinks to keep drivers and supporters nourished
- Breakfast will be served on Saturday and Sunday of the Nationals.

8) TRACK DETAILS

- 2003 1/10th Off-Road Electric Worlds layout (See layout below)

9) DRIVERS STAND DETAILS

- Covered driver's stand
- Large enough to accommodate 10 drivers and 2 officials

10) TIMING (PROVIDED BY SARDA OFF-ROAD ELECTRIC

- Redundant MyLaps RC2 decoder boxes
- Redundant scoring loops
- Bbk Race Management Software

11) PIT AREA AMENITIES

- 220v AC power provided

12) ACCOMMODATIONS

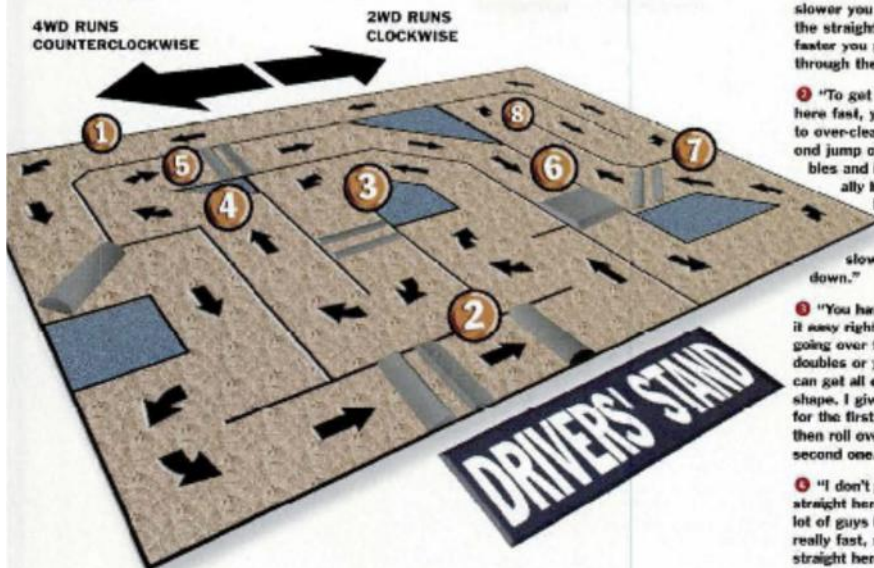
- <http://www.kwathabeng.co.za/go/ShilohShalomRiastuine.html>
- <http://stonehengeafrica.co.za/accommodation/>
- <http://www.sunwa.co.za/>
- http://www.parys.info/accommodation_intown.htm
- http://www.parys.info/accommodation_outoftown.htm

13) PHOTOS OF THE TRACK



TAKE A HOT LAP WITH 4WD WORLD CHAMPION RYAN CAVALIERI

While waiting for the official results of the 4WD World Championship to be announced, eventual champion Ryan Cavalieri walked around the terrific Minnreg racetrack to show us how it's done.



1 "Going down the straight, I let off about $\frac{3}{4}$ or even $\frac{2}{3}$ of the way down and then just coasted around the turn. The slower you go down the straightaway, the faster you go through the infield."

2 "To get through here fast, you want to over-clear the second jump of the doubles and intentionally hit the face of the roller to slow the car down."

3 "You have to take it easy right here going over these doubles or your car can get all out of shape. I give it gas for the first jump and then roll over the second one."

4 "I don't go fully straight here at all. A lot of guys try to go really fast, really straight here, and a

lot of guys have hit here."

5 "These double jumps are hard to clear. I try to down-side the second jump really smooth. I also try to stay to the outside to get in position for the next big turn."

6 "I over-jump the tabletop and get the front end down while in the air so that it digs in a bit and sets me up for the next corner."

7 "I go over these doubles full punch and purposely over-jump them. I also cock my wheels when hitting the face of the jump to set up the direction my car will go through the air."

8 "Going around this hairpin, I come in full punch and just slide it around and punch it."

THE WORLDS

IFMAR Electric Off-Road Worlds Winners

4WD Class

Fin	Qual	Driver	Country	Chassis	Motor	Battery	ESC	Rails	Tires	Place/Score
1	2	Ryan Cavalieri	USA	Losi Triple-X4 GP	Trinity DS 10x2	Trinity GP 3300	Novak	Airtronics MB	Handcut	17/92
2	1	Brian Kinwald	USA	Losi Triple-X4 GP	Trinity DS 10x2	Trinity GP 3300	Novak	Airtronics MB	Handcut	18/94
3	5	Wlan Truh	USA	Losi Triple-X4 GP	Orion Revolution 10x1	Orion GP 3300	Novak	Airtronics MB	Handcut	17/92
4	4	Brod Heekamp	USA	Losi Triple-X4 GP	Peak Voltage 10x1	Peak GP 3300	Novak	Airtronics MB	Handcut	17/92
5	8	Wolfgang Leebke	Germany	Losi Triple-X4 GP	Orion V2 10x1	Orion GP 3300	CS Rocket Max	Sarna MB	Handcut	17/92
6	6	Jeremy Babcock	USA	Losi Triple-X4 GP	Orion Revolution 10x1	Orion GP 3300	LRP QC2	Airtronics MB	Handcut	17/92
7	10	Richard Taylor	England	Losi Triple-X4 GP	LRP 10x2	LRP GP 3300	LRP QC2	NO Progs Expert II	Handcut	17/92
8	7	Billy Condon	USA	Yokawa MP4-9C	Reedy 10x2	Reedy GP 3300	LRP QC2	Airtronics MB	Handcut	17/84
9	3	Matt Francis	USA	Losi Triple-X4 GP	Trinity DS 10x2	Trinity GP 3300	LRP QC2	Airtronics MB	Handcut	18/94
10	9	Jon Ringar	USA	Losi Triple-X4 GP	Foxeer 10x2	SWC GP 3300	Novak	Airtronics MB	Handcut	17/92

hands of the IFMAR referee. He then would have had no chance of challenging for the win; but Cavalieri let Kinwald regain the lead and tucked right back in behind him.

With time expired and only the final lap to decide the outcome, Cavalieri pushed hard on Kinwald. In the sweeper-type turn after the tabletop jump, Kinwald went wide. Seeing what was certainly his last

chance, Cavalieri dived to the inside of Kinwald, and that put them side by side in the turn leading to the doubles. Kinwald tried to prevent the pass by tightening up his line, but Cavalieri was already in position on the inside of the corner. There was no chance of Cavalieri backing off this time, and they hit; this sent Kinwald up on

two wheels. After the collision, Cavalieri did seem to hesitate ever so slightly, but he then throttled off into the lead. It was such a brief pause that it is impossible to know whether the young driver was contemplating letting Kinwald reclaim the position or whether he was

just letting his buggy settle back down before taking off. Kinwald held on to second uncontested as Cavalieri streaked across the finish line as the new IFMAR 4WD Electric World Champion.