



## **COMPETITORS INFORMATION No. 12**

**EAST AFRICAN SAFARI CLASSIC RALLY 2011**

**Date: 23<sup>rd</sup> August 2011**

To All Competitors, Service Crews and Officials,

### **SAFETY TRACKING DURING THE RALLY**

The organizers have contracted the services of Rally Management Systems (RMS) Mr. Peter Silberberg to provide compulsory GPRS tracking for all rally cars, helicopters, zero cars and sweepers during the 2011 KQ Safari Classic Rally. This company has considerable rally experience in WRC and Regional rallies.

The organizers will also have this tracking system live on our website during the event so family members at home can follow your progress in the event.

For the tracking system to be easily installed in Mombasa the following instructions must be followed and we request all crews to ensure that the required power cable is installed before you arrive to the start of the event.

## **COMPETITOR SAFETY TRACKING**

rally **management**  
s y s t e m s

The **RMS Competitor Safety Tracking system** is used to monitor competitors and course cars as they go through the route of an event. Also, it allows the crew to summon help by pressing a button, which sends an alarm to Rally HQ.

A tracker box is installed in each vehicle and attached to the roll-cage in a suitable location, usually behind the Co-driver's seat on one of the roll-cage uprights. On some of the vehicles which have only two doors (such as the Porsche or Ford Escorts), another suitable location will be found where we have easy access to the box throughout the event and can see the indicator lights on the top of the box without having to open the door.



Attached to the tracker box there is:

- GPS Antenna
- Communications Antenna
- Power cable

FIG. 1 – TRACKER BOX

The GPS antenna, Communications antenna, Crew Console and power cable will be installed at the tracker & safety equipment fitting. However, **it is necessary that you**



**provide and install a power take-off cable before you arrive**, we can then connect the power cable from the tracker box straight into the power take-off you have installed.

A power take-off cable is simply two pieces of wire that have been 'plumbed' into the vehicle power supply. The power take-off you install in the vehicle must have two (2) female spade connectors (as shown in the photographs in figure 2) so that the power cable from the tracker box which has two (2) male spade connectors can be fitted quickly and easily.

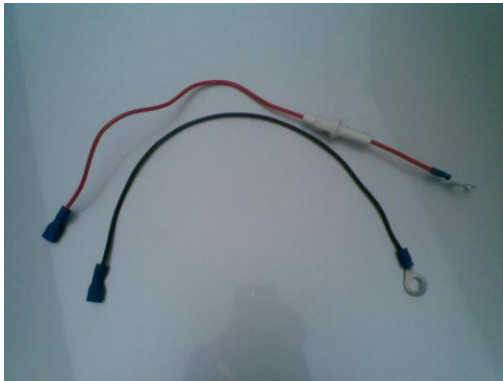


FIG. 2 - SAMPLE POWER TAKE-OFF CABLES - ONE WITH IN-LINE FUSE AND ONE WITHOUT

It is important that power comes from a **FUSED** supply; therefore you can either put an in-line fuse on the take-off cable or make sure that there is a fuse somewhere in the circuit where the power comes from.

Also it is important that the power supply is **AFTER THE IGNITION** so that the tracker box only takes power when the vehicle ignition is on (which usually means the engine is running) and does not drain the battery when stopped for an extended period, such as overnight Parc Fermé.

Before fitting the tracker box, we will check for two (2) things:

- The power supply is after the ignition and when we switch the ignition off there is no power coming through.
- There is a fuse somewhere in the circuit providing the power. You will need to show us the fuse location and we will then remove the fuse to make sure that it is the correct circuit.

Make sure that power is not taken from a circuit that may not be on during the rally, for example a map light, which you will only use when it's dark... On one event a competitor took power from the brake light circuit, so there was only power when he had his foot on the brakes...



Also, it is best not to take power from the intercom circuit or run the power take-off cable close to the intercom. This ensures that there is no interference in the headsets from the radio transmitter in the in-car tracker box.

The power cable attached to the tracker box is 2.5-metres long, so you will also need to make sure that the power take-off cable is with-in 2.5-metres of the roll-cage in the rear of the car.

You may have noticed that throughout this document we have stressed that the power is installed before you arrive for fitting of the tracker box, there is a reason for this. If you turn up without the power take-off or it is not properly fitted, with over 60-vehicles to kit out we simply do not have the time to start installing or trying to fix the problem, the result being that we will not be able to install the tracker and by default you will not be able go through Scrutineering and might not be allowed to start the event.

We are scheduled to be installing the Safety Tracking units on:

- Thursday 17<sup>th</sup> Nov
- Friday 18<sup>th</sup> Nov
- Saturday 19<sup>th</sup> Nov (morning)

If you have questions or need help, contact us either via the Organisers or at the email address at the bottom of the page – the Organisers will publish our local mobile number when we arrive.

Also, don't forget to tell your family and friends that they will be able to watch your progress throughout the event via the event website using Google Earth.

We hope you have a safe and enjoyable rally.

**For further information please contact Peter Silberberg ([p@ralsys.com](mailto:p@ralsys.com))**

Best regards,

Surinder Thatthi  
Event Director

**East African Safari Rally Limited**  
**23, Metropolitan Estate**  
**Chiromo Access Road (Off Riverside Drive)**  
**P.O. Box 14910 - 00800**  
**Nairobi**  
**Kenya**  
**Tel: +254-20-4450030**  
**Fax: +254-20-4450050**  
**Email: [info@eastafricansafarirally.com](mailto:info@eastafricansafarirally.com)**  
**Website: [www.eastafricansafarirally.com](http://www.eastafricansafarirally.com)**