



Australasian and World Rescue Challenges 2011

The 2011 Australasian Rescue Challenge (ARC) and World Rescue Challenge (WRC) will be held concurrently in Wellington, New Zealand from 14 to 17 July 2011. The decision to relocate the challenge is following the devastating earthquake in Christchurch, New Zealand in February 2011.

The two challenges will be conducted under the same set of challenge rules, which have been published on both the ARRO and WRO web sites. Both challenges will also be scored using the same set of assessment guidelines and score sheets also published on both web sites.

For the benefit of teams and officials participating in the challenges, the following is a brief summary of the classes being presented in the challenges and the changes that have been made by the ARRO Technical Committee since 2010.

Teams participating in the WRC should also note that the WRO has agreed to trial these modified rules at this year's World challenge as part of a process of continuous improvement in the science of road rescue.

Classes presented

Class	Team Objective	Time	Complexity
Entrapped Rescue	To demonstrate primary hydraulic rescue tool use for access, release and removal of a physically trapped casualty	30 min	Live casualty or manikin (simulated live) – entrapped by vehicle/prop and/or injury. Some injuries treatable in vehicle. Entrapped vehicle plus props.
Controlled Rescue	To demonstrate the access, release and removal of a casualty/s trapped by injury entrapment and / or limb entrapment .	30 min	Two casualties, either manikin and / or live, both treated as conscious and confined to vehicle or immediate impact area. Some injuries treatable at scene. Single or multiple vehicle plus props.
Immediate Rescue	To demonstrate safe, but rapid access and removal for a time critical patient	20 min	Live casualty confined in vehicle. Some injuries maybe treatable in vehicle. Single vehicle plus props.



Entrapped Rescue: Sufficient space will need to be created for medical intervention and casualty release/packaging reflective to their mechanism of injury. To achieve success teams should work within the full three phases of vehicle extrication rescue to affect a thorough release and removal of the casualty. The phases being:

1. Casualty Access/Space creation
2. Physical extrication options/plan
3. Final casualty pathway

Controlled Rescue: Teams are expected to triage the casualties and identify the medical priority for extrication. This should be recognised within the size up process. To achieve success teams will need to work efficiently and manage all the resources at their disposal to complete extrication of all casualties within the available time frame.

Immediate Rescue: Teams are expected to recognise the immediate life saving needs of the casualty. To achieve success teams will need to demonstrate a balance between efficiency, safety and urgency to achieve the task within the prescribed time frame.

Teams should note that some scenarios might lend themselves to the concept of controlled vehicle relocation to facilitate efficient casualty release. Teams that have participated in previous world challenges should also note that casualties will either be genuinely trapped, or not trapped. This will not be simulated by live casualties and release determined by an assessor.

Assessment of performance

The assessment of command and technical performance is unchanged from previous WRO or ARRO challenges where these assessment processes have been aligned.

Medical assessment has been revised since both the 2010 ARC and WRC. All teams and officials are strongly encouraged to familiarise themselves with the new assessment guideline and score sheet.

All teams should also note that all three disciplines worth an equal number of points. This is a change from past Australasian Challenges. In addition winners of classes and categories will now be determined by a ranking system of assessors raw scores.

Two separate assessor panels will operate during the challenge, one of the ARC and another for the WRC.

Symposium

ARRO, as the host WRO member organisation, has always conducted a one-day symposium as part of the challenge on the day before competition begins. It is compulsory for all teams registered for the ARC to attend this challenge. All teams registered for the WRC are strongly encouraged to attend as topics covered and demonstrations presented may be beneficial for participation in the challenge.



Workshop pit

ARRO also offers a workshop pit where the new vehicles at the challenge provided by GM Holden Ltd are 're-cycled' from the challenge pits. This allows for a learning and development opportunity for all teams. Each team in both challenges will be allocated a time slot during the course of the challenge in this pit.

Trauma Challenge

For this first time ARRO will offer teams an opportunity to participate in the World Trauma Challenge. This will be assessed using the same medical guidelines and score sheets as used for the 2011 ARC and WRC.

All teams and officials are strongly encouraged to make note of this information. Any questions can be directed to ARRO via email at arro@arro.org.au

Relevant information and responses will be distributed to all teams.

We look forward to seeing you at the 2011 combined Australasian and World Rescue Challenges.

Paul Jerome
Chair, Technical Committee
World Rescue Organisation

21 April 2011