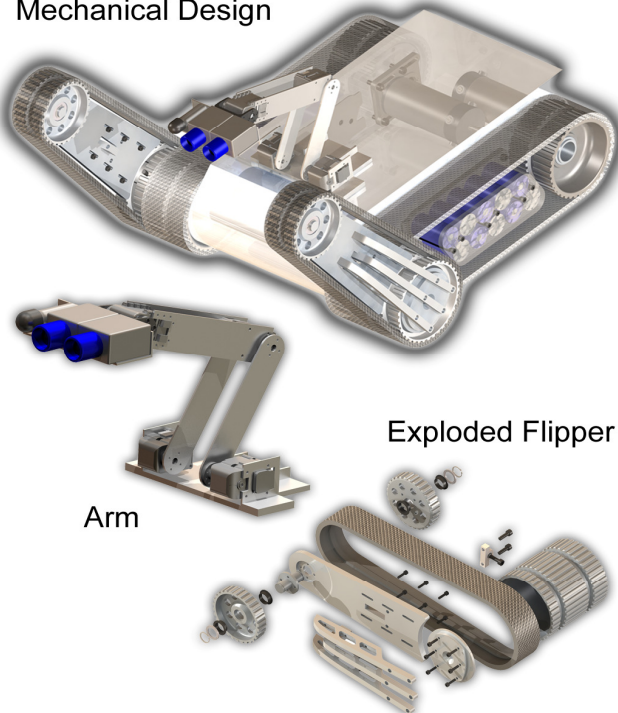


Happy New Year from the WMR team!

The team wishes all our sponsors and stakeholders an exciting and prosperous new year. After a very busy Christmas period the team is making great progress and is looking forward to the development in the New Year.

At present the team is in the process of planning the trip to the [German RoboCup Rescue Open](#) at the end of April. The competition takes place during the Hannover Messe, the world's biggest industrial fair, with over 200,000 visitors; a great opportunity to publicise the project and sponsors.

Mechanical Design



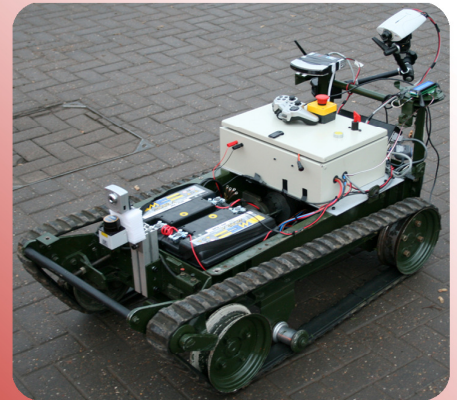
Exploded Flipper

Arm

An earthquake scenario presents some very challenging terrain for the robot to navigate; above are some of the CAD designs that satisfy the specific requirements. Currently parts are arriving and designs are being manufactured.

Bomb Disposal Chassis

WMR would like thank [Jamie Strachan](#) (embedded software engineer) and [Paul Foster](#) of [Remotec](#) for their donation of a bomb disposal chassis. This has allowed the team to develop the control, communication and safety systems whilst fabrication of the WMR robot chassis is in progress. These systems are now capable of tele-operation. Videos of the team's progress can be found on the website.



MiroSot Robot Football Update

A strong defensive strategy has been implemented and development of the offensive strategy is now underway. WMR will be [hosting the UK Championships](#) for the third consecutive year at the end of the Spring term. Specific information on the event will be available shortly.

WMR Poster

As part of the team's formal submission, a detailed poster outlining the progress to date and goals is required. On **16 January** the team will be representing the poster to assessors and answering questions on the project. A copy of the poster is available online at

www.mobilerobotics.warwick.ac.uk/media/gallery



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