

# ELROB 2022

30 May - 3 June 2022

Eggendorf, Austria

## Team Information

Picture of vehicle:



Name of vehicle:

InterRoC HX2-44M / HX2-42M

Picture of team leader:



Name of team leader:

Dr.-Ing. Christian Kölling

Team Name:

InterRoC

Team E-mail:

christian.koelling@rheinmetall.com

Logo:



Website:

www.rheinmetall.com

Location:

Unterlüß, Germany

Institution/Company:

Rheinmetall Landsysteme GmbH

Address:

Heinrich-Ehrhardt-Str. 2, 29345 Südheide / Germany

**Return form to: [elrob@fkf.fraunhofer.de](mailto:elrob@fkf.fraunhofer.de)**

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## Team Information

Telephone: 05827/80-5230

Fax:

Team Description: The InterRoC team, where the long form is “Interoperable Robotic Convoy”, consists of members of the research department of Rheinmetall Landsysteme GmbH.

The two InterRoC vehicles were modified by Rheinmetall with a Drive-by-Wire-Kit (B-Kit) and a US Autonomy-Kit (A-Kit). They base on Rheinmetall HX2 vehicles and are now drive-by-wire ready while keeping the road approval with deactivated A- and B-Kit.

Sponsors:

Selection of scenario:

- Reconnoitring of structures (3D mapping & find simulated radiation & chemical sources)
- Mule (shuttle between two locations)
- Convoying (transport with two vehicles)
- Search & Rescue (SAR) / CasEvac (find and drag a dummy body)
- Reconnaissance and disposal of bombs and explosive devices (EOD/IED; **for professionals only!**)

Proof of citizenship:: A copy of team leader passport will do (will not be published)!

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