euRathlon 2015

17th - 25th September 2015,

Piombino, Italy

Team Information Form

Team Details

Team Name:	Cobham
Institution/Company:	Cobham Mission Systems
Logo:	COBHAM
Website:	www.cobham.com/missionsystems
Home location of team:	Germany, 73760 Ostfildern
Name of team leader:	Dr. Andreas Ciossek
Picture of team leader:	
When was the team established:	2006, former team name “telerob”

Team Description:

To develop machines, equipment and systems that protect or replace human beings in situations where their presence would be either impossible or place them at great risk.

This is the motto, motivation and mission of Cobham – Unmanned Systems. Whether it’s one of our Master- Slave Manipulators being used to dismantle a nuclear facility or an EOD robot being used to disarm a dangerous explosive device, protecting people and their surroundings is always our paramount concern anytime one of our products is deployed.

Our engineers and specialists in the fields of electrical engineering, electronics and precision mechanical engineering combine creativity and competence in the quest for advanced solutions in the worlds of bomb disposal and remote handling technology.

The Cobham range of products encompasses EOD robots (tEODor and teleMAX), completely equipped bomb disposal vehicles (TEL600), bomb disposal equipment, non-magnetic special tools (NOMATOOLS), as well as manipulators for servicing, maintaining and dismantling nuclear facilities (EMSM).

A highly qualified, highly motivated staff provides our worldwide client base not merely with innovative products developed and manufactured in accordance with the very highest standards but also with the training and instruction needed to ensure their effective use. telerob is an official NATO supplier and development partner (NATO supplier code: C 5152).

Furthermore we conform to the requirements of AQAP 2130.

Team members:

- Team leader: Dr. Andreas Ciossek
- Team member: Dr. Heiko Helble

Team Sponsors: none

Contact Details

Team E-mail:	andreas.ciossek@cobham.com
Institution/Company:	Cobham Mission Systems – Unmanned Systems
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Other information (will not be published)

Please find attached:

- Proof of citizenship: Copy of the team leader's ID/passport.
- Brief CVs of the team members

If you are a single- or two-domain team, do you wish to team-up before or during the competition to create a multi-domain team?

Yes:__x___ No:_____

NOTE: To further promote multi-domain teams, teams who participate in any combined scenario, or wish to team-up (before or during the competition), will be given priority over teams that register for single-domain trials only.

euRathlon 2015 Scenarios selection

Please check all scenarios you wish to enter and give the name(s) of the robot(s) you plan to use in each scenario.

euRathlon 2015 Scenarios		Domain	Name of the robot(s)
	The Grand Challenge: Combined air, land and sea.	Air:	
		Land:	Telemax PRO
		Sea:	
	Sub-challenge (L+A): Survey the building and search for a missing worker.	Land:	Telemax PRO
		Air:	
	Sub-challenge (S+A): Pipe inspection and search for a worker.	Sea:	
		Air:	
	Sub-challenge (L+S): Stem the leak.	Land:	Telemax PRO
		Sea:	
	Land Trial (L1): Reconnaissance in urban structure.	Land:	Telemax PRO
	Land Trial (L2): Mobile Manipulation (valve open/closing).	Land:	Telemax PRO
	Sea Trial (S1): Navigation and environmental survey.	Sea:	
	Sea Trial (S2): Leak localisation and valve open/closing.	Sea:	
	Air Trial (A1): Aerial detection and mapping.	Air:	
	Air Trial (A2): Aerial reconnaissance inside a building.	Air:	

NOTE-1: This is an indicative table. New robots/scenarios may be added or substituted before the competition, in which case a new vehicle specification sheet and/or updated SAP must be submitted.

NOTE-2: If you wish to participate in the Grand Challenge, we strongly recommend that you participate in sub-challenges and trials, as they have been designed as training for the GC. Two-domain and three-domain teams who wish to participate in the Grand Challenge will be expected to participate in a minimum of two sub-challenges and four trials.

Send form to: *ferri@cmre.nato.int*

NOTE: The information in this form, except the proof of citizenship and CVs, will be published on the website. If you wish to keep some information private, please let us know.