

# euRathlon 2014

29<sup>th</sup> September - 3<sup>rd</sup> October 2014,

La Spezia, Italy

## Team Information Form

### Team Details

Team Name: SAUC'ISSE

Institution/Company: ENSTA Bretagne (ex ENSIETA)



Logo (attach or insert here):

Website: <https://fr-fr.facebook.com/pages/SAUCISSE/142805275731790>

Home location of team: Brest, France

Name of team leader: Fabrice LE BARS

Picture of team leader (attach or insert here):

When was the team established (year): 2014

Team Description (including names of the team members): We are a team that participates to SAUC-E. Team members : Jérémy NICOLA, Elba Dolores ANTONIO-YANEZ, Jésus Arturo MONROY-ANIEVA, Guiherme SCHVARCZ FRANCO, Renata NEULAND.

Team Sponsors (if any): DGA, CGG, iXBlue


### Contact Details

Team E-mail: [fabrice.le\\_bars@ensta-bretagne.fr](mailto:fabrice.le_bars@ensta-bretagne.fr)

Institution/Company: ENSTA Bretagne

Address: 2 Rue F. Verny, 29806 Brest Cedex 9 (France)

**SCENARIO SELECTION AND VEHICLE(S) SPECIFICATION**

SCENARIO SELECTION PER VEHICLE								
Vehicle name	SAUC'ISSE	Team name	SAUC'ISSE	Team leader	Fabrice LE BARS			
		Age of current vehicle	Will it participate in SAUCE'14? If so, specify budget.	EURATHLON 2014: Selection of scenarios (please check all scenarios you wish to enter with this vehicle)				
		8	Yes, 10000 euros	X	Long range autonomous underwater navigation			
				X	Environmental survey of the accident area (mapping)			
				X	Leak localisation and structure inspection			
					Interaction with an underwater structure (manipulation)			
				X	Combined scenario			
VEHICLE SPECIFICATIONS								
No. of Thrusters	Thrusters Brand	Thrusters Type	Machining used in the process	Materials used	Software used for mechanical design	Onboard Computer	Software	Wireless Comms
3	Seabotix	Brushed DC		Al, PVC, Plexiglas	CATIA	PC/104	Custom with possible ROS and MOOS compatibility	Wi-Fi, acoustic
Sensory payload	Does the AUV include BMS?	Please, specify Sonar (if any)	Model of the Sonar	Please, specify which IMU (if any)	Model of the IMU	Connectors	Other electronics	AUV value
Variable	No	Tritech MiniKing	Tritech MiniKing	Xsens MTi	Xsens MTi	SEACON		20000 euros