

# Team University of Girona

euRathlon 2014 sea competition - 29 Sept - 4 Oct, La Spezia, Italy

Manipulation						
Scenario Parameters				Vehicle Performance		Notes
Performance Measures	Parameters for task	Value	Max Score	Parameter	Score	Parameter value
Contact made with structure	Visual confirmation	0/1	100	1	100	Boolean value
Contact Maintained with structure	Visual Confirmation	0/1	100	1	100	Boolean Value. Contact must be maintained for 1 minute.
Stopcock grabbed	Visual Confirmation	0/1	500	1	500	Boolean Value
StopCock Turned	Visual Confirmation	[0-1]	500	1	500	Continuous value
Pole Manipulation	Visual Confirmation	0/1	500	1	500	Boolean Value
Semi-Autonomous Bonus	Judges monitor team	0/1	1700	0.30	360	All points are doubled
Full Autonomous Bonus	Judges monitor team	0/1	3300	0.00	0	All points are quadrupled (cannot be added to semi-autonomous bonus)
Time Bonus		0-30 minutes if teleoperated - 0-55 if semi-autonomous - 0-70 minutes if autonomous.	500	11.50	462.5	Max points for under half the time allocated minutes and decreasing linearly after that
Completion time	Report Best time overall for benchmarking	60		11.5		Report time achieved by team
Subjective Measures	See Table Below		1500		1025	
<b>Total</b>			<b>6500</b>		<b>3547.5</b>	

Subjective measures		
	Max Points	Team Performance
SAP Journal	200	0
SAP Video	100	0
Technical Merit	250	225
Craftmanship	250	225
Safety of design	250	225
Innovation	250	150
Discretionary points	200	200
<b>Total</b>	<b>1500</b>	<b>1025</b>

## Team Avalon

euRathlon 2014 sea competition - 29 Sept - 4 Oct, La Spezia, Italy

Manipulation						
Scenario Parameters				Vehicle Performance		Notes
Performance Measures	Parameters for task	Value	Max Score	Parameter	Score	Parameter value
Contact made with structure	Visual confirmation	0/1	100	1	100	Boolean value
Contact Maintained with structure	Visual Confirmation	0/1	100	1	100	Boolean Value. Contact must be maintained for 1 minute.
Stopcock grabbed	Visual Confirmation	0/1	500	1	500	Boolean Value
StopCock Turned	Visual Confirmation	[0-1]	500	1	500	Continuous value
Pole Manipulation	Visual Confirmation	0/1	500	1	500	Boolean Value
Semi-Autonomous Bonus	Judges monitor team	0/1	1700	0	360	All points are doubled
Full Autonomous Bonus	Judges monitor team	0/1	5100	0	0	All points are quadrupled (cannot be added to semi-autonomous bonus)
Time Bonus		0-30 minutes if teleoperated - 0-55 if semi-autonomous - 0-70 minutes if autonomous.	500	20	250	Max points for under half the time allocated minutes and decreasing linearly after that
Completion time	Report Best time overall for benchmarking	60		20		Report time achieved by team
Subjective Measures	See Table Below		1500		975	
<b>Total</b>			<b>8300</b>		<b>3285</b>	

Subjective measures		
	Max Points	Team Performance
SAP Journal	200	100
SAP Video	100	0
Technical Merit	250	175
Craftmanship	250	150
Safety of design	250	225
Innovation	250	175
Discretionary points	200	150
<b>Total</b>	<b>1500</b>	<b>975</b>

## Team CISSAU

euRathlon 2014 sea competition - 29 Sept - 4 Oct, La Spezia, Italy

Manipulation						
Scenario Parameters				Vehicle Performance		Notes
Performance Measures	Parameters for task	Value	Max Score	Parameter	Score	Parameter value
Contact made with structure	Visual confirmation	0/1	100	1	100	Boolean value
Contact Maintained with structure	Visual Confirmation	0/1	100	1	100	Boolean Value. Contact must be maintained for 1 minute.
Stopcock grabbed	Visual Confirmation	0/1	500	1	500	Boolean Value
StopCock Turned	Visual Confirmation	[0-1]	500	1	500	Continuous value
Pole Manipulation	Visual Confirmation	0/1	500	0	0	Boolean Value
Semi-Autonomous Bonus	Judges monitor team	0/1	1700	0	0	All points are doubled
Full Autonomous Bonus	Judges monitor team	0/1	5100	0	0	All points are quadrupled (cannot be added to semi-autonomous bonus)
Time Bonus		0-30 minutes if teleoperated - 0-55 if semi-autonomous - 0-70 minutes if autonomous.	500	30	0	Max points for under half the time allocated minutes and decreasing linearly after that
Completion time	Report Best time overall for benchmarking	60		30		Report time achieved by team
Subjective Measures	See Table Below		1500		800	
<b>Total</b>			<b>8300</b>		<b>2000</b>	

Subjective measures		
	Max Points	Team Performance
SAP Journal	200	100
SAP Video	100	75
Technical Merit	250	125
Craftmanship	250	100
Safety of design	250	150
Innovation	250	150
Discretionary points	200	100
<b>Total</b>	<b>1500</b>	<b>800</b>

## Team SAUC'ISSE

euRathlon 2014 sea competition - 29 Sept - 4 Oct, La Spezia, Italy

Manipulation						
Scenario Parameters				Vehicle Performance		Notes
Performance Measures	Parameters for task	Value	Max Score	Parameter	Score	Parameter value
Contact made with structure	Visual confirmation	0/1	100	0	0	Boolean value
Contact Maintained with structure	Visual Confirmation	0/1	100	0	0	Boolean Value. Contact must be maintained for 1 minute.
Stopcock grabbed	Visual Confirmation	0/1	500	0	0	Boolean Value
StopCock Turned	Visual Confirmation	[0-1]	500	0	0	Continuous value
Pole Manipulation	Visual Confirmation	0/1	500	0	0	Boolean Value
Semi-Autonomous Bonus	Judges monitor team	0/1	1700	0	0	All points are doubled
Full Autonomous Bonus	Judges monitor team	0/1	5100	0	0	All points are quadrupled (cannot be added to semi-autonomous bonus)
Time Bonus		0-30 minutes if teleoperated - 0-55 if semi-autonomous - 0-70 minutes if autonomous.	500	30	0	Max points for under half the time allocated minutes and decreasing linearly after that
Completion time	Report Best time overall for benchmarking	60		0	90	Report time achieved by team
Subjective Measures	See Table Below		1500		0	
<b>Total</b>			<b>8300</b>		<b>0</b>	

Subjective measures		
	Max Points	Team Performance
SAP Journal	200	0
SAP Video	100	0
Technical Merit	250	0
Craftmanship	250	0
Safety of design	250	0
Innovation	250	0
Discretionary points	200	0
<b>Total</b>	<b>1500</b>	<b>0</b>