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| **CAMPAIGNS RV BELGICA 2025** |
| Project acronym: |  |

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| **Form A: Identification of the applicant** |
| 1. | Institution or University: |       |
| 2. | Department or Service: |       |
| 3. | Name of the Head of the Department (or Service):*\**\* *With indication of academic title/grade* |       |
| 4. | Name of the applicant*\**:*\** *With indication of academic title/grade* |       |
| 5. | Name of a second person *(with indication of academic title/grade)*who can, in the absence of the applicant, provide information on the request:  |       |
| 6. | Address: |       |
| 7. | Phone number(s)*\**: *\** *Of all the persons mentioned in form A* |       |
| 8. | Email*\**:*\** *Of all the persons mentioned in form A* |       |
| 9. | Website: |       |

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| **Form B: Identification of the project** |
| 1. | Title of the project (max. 2 lines):       |
| 2. | Brief description of the project in English *\**: *\*Maximum 10 lines. Make sure that the content of this summary is IDENTICAL in the 3 languages.* |
| 3. | Brief description of the project in French*\**: *\* Maximum 10 lines. Make sure that the content of this summary is IDENTICAL in the 3 languages.*      |
| 4. | Brief description of the project in Dutch*\**: *\* Maximum 10 lines. Make sure that the content of this summary is IDENTICAL in the 3 languages.*      |
| 5. | Start date of the project:      |
| 6. | End date of the project:      |
| 7. | References and digital copies of the main reports and publications (last 5 years) allowing the evaluation of the results already acquired within the framework of the project (**MANDATORY!**). From now on, in each report and publication based on Belgica RV campaigns, the following statement must be stated: "**Ship Time RV Belgica was provided by BELSPO and RBINS-OD Nature**".      |
| 8. | Reference(s) (organization and program) of the contract(s) supporting the project.      |
| 9. | Is the project financially supported by BELSPO? |
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|  |
| No | 🡺 Have you concluded an agreement with the RBINS-OD Nature on the transfer of data to the marine environment database?  |
|  |  |
|  |
| Yes |  | No |
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| Yes | 🡺 Are you prepared to conclude an agreement with the RBINS-OD Nature on the transfer of data to the database on the marine environment? |
|    |
|  |
|  | Yes |  | No |  |

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| 10. | Is the project carried out with other Belgian institutions?

|  |  |
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| No |  |
|  |
| Yes | 🡺 which ones?       |
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| 11. | Is the project carried out with other foreign institutions?

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| No |
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| Yes | 🡺 which ones?      |

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| **Form C: Identification of the application** |
| 1. | Number of campaign days requested:       |
| 2. | Distribution (period and duration) of the campaigns over the year:      |
| 3. | Is this distribution imperative? |
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| No |  |
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| Yes | 🡺 motivation:      |

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| 4. | Other important elements (tide, daylight, etc.) for campaign scheduling, with justification.      |
| 5. | Do you plan to deploy autonomous anchored or floating measurement stations??

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| --- | --- |
| No |  |
|  |
| Yes | 🡺 description:       |

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| 6. | Total number of people to embark for each of the campaigns requested:       |
| 7. | Total number of people to be embarked for each of the campaigns requested who have more than 3 years of work experience on board the RV Belgica:       |
| 8. | List and geographical positions of the stations and/or profiles to be carried out. Attach a detailed map.(for instructions see <https://odnature.naturalsciences.be/downloads/belgica/pdf/belgica2024_fr.pdf>, p 10 §5. 2.4))      |
| 9. | Does the work area cover marine waters under the jurisdiction of foreign countries??

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| No |  |
|  |
| Yes | 🡺 which ones?       |

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| 10. | Proposed foreign port (place and date):       |

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| **Form D: Logistics** |
| 1. | Description of type***1*** and sampling***2*** methods.*The description of the type of sampling is done preferably using the type code and the description of data from ICES as provided for establishing the CSR (Cruise Summary Report) (formerly ROSCOP).**2With regard to the description of the sampling methods reference to the sampling equipment or measuring instruments must be made.*       |
| 2. | Laboratory(s) (equipment included) on board the RV Belgica that the applicant wishes to use, with indication of the desired occupancy rate.

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| --- | --- | --- | --- |
|  | Deck 9: crow's nest |  | Deck 4: exterior work deck, container deck |
|  |  |  |  |
|  | Deck 7: "Scientist" station on the bridge |  | Deck 4: seismic room |
|  |  |  |  |
|  | Deck 6: operations center |  | Deck 4: aerosol lab |
|  |  |  |  |
|  | Deck 6: scientific lab |  | Deck 3: dry fish lab |
|  |  |  |  |
|  | Deck 4: lab 1 |  | Deck 3: wet fish lab |
|  |  |  | Deck |
|  | Deck 4: lab 2 |  | Deck 3: clean lab 3 |
|  |  |  |  |
|  | Deck 4: CTD hangar |  | Deck 3: refrigeration room +4°C |
|  |  |  |  |
|  | Deck 4: wet lab |  | Deck 3: freezer Room -20°C  |
|  |  |  |  |
|  | Deck 4: Hangar |  | Deck 3: scientific store space  |
|  |  |  |  |
|  | Deck 4: diver’s room |  | Deck 1 & 2: AUMS lab  |
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| 3. | Infrastructure that the applicant wishes to use on board the RV Belgica. |
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|   | Data management system(navigation, weather, etc.) |   | AUMS |   |  |
|  |   |  |
|  | MBES for deep waters (EM304) (EM304) |  | Catch monitoring system (FX80) |  | SBE21 thermosalinograph |
|  |  |  |  |  |  |
|  | MBES for shallow waters (EM2040D) |  | Trawl net monitoring system |  | Monitoring of underwater acoustic conditions (video, noise) |
|  |  |  |  |  |  |
|  | Biological echosounder (EK80) |  | Parametric sediment sounder (Topas PS18) |  | Permanent centrifuge with flow measurement |
|  |  |  |  |   |  |
|  | Fishing Sonar (SU90) |  | Acoustic Doppler Current Profiler (75 kHz) |  | Lab centrifuge  |
|  | W |  |  |   |  |
|  | Scientific MBES (ME70) |  | Acoustic Doppler Current Profiler (600 kHz) |  |  |
|  |  |  |  |   |  |
|  | Calibration equipment for biological systems |  | Acoustic positioning (Hipap 502) + transponders |   |  |
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| 4. | RBINS-OD Nature analysis and measurement devices that the applicant wishes to use on board the RV Belgica. |
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|  | SBE 19 SeaCat CTD |  | Van Veen grab |  | Equipped tripod |
|  |  |  |  |  |  |
|  | SBE09 CTD + rosette Water Sampler (24 bottles)  |  | Reineck corer |  | bottom-mounted ADCP |
|  |  |  |  |  |  |
|  | Turner Designs fluorometer  |  | NIOZ box corer  |  | Hyperbenthic sledge |
|  |  |  |  |  |  |
|  | OBS sensor for CTD |  | SVP Sound Velocity Probe  |  | Secchi disk |
|  |  |  |  |  |  |
|  | PAR sensor for CTD  |  | pH meter  |  | Diffraction laser analyzer(LISST 200X) |
|  |  |  |  |  |  |
|  | Niskin bottles 10 liters  |  | Combined SVP/CTD  |  | 3m beam trawl |
|  |  |  |  |  |  |
|  | Niskin bottles 5 liters  |  | Piston corer (max. 15 m) |  | YSI oxygen probe  |
|  |  |  |  |  |  |
|  |  |  | Gravity corer (max. 6 m) |  |  |
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| 5. |

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| Need a quayside crane in Zeebrugge for loading/unloading equipment? |
| No |  |
|  |
| Yes | 🡺tonnage:      |
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| 6. | Other specific information that must be brought to the attention of the RBINS-OD Nature (e.g., use of radioisotopes).      |

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| **Form E: Coordination** |
| 1. | Have you submitted to the VLIZ a request for vessel time for the RV Simon Stevin in 2025 with a similar object to this request? |
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| No | 🡺 | Can your program be run entirely or partially using the RV Simon Stevin? |
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|  |  |
| Yes |  | No |  |
|  |
| Yes | 🡺 | Do you intend to withdraw this application in case your VLIZ application is accepted? |
|    |
|  | Yes |  | No |  |

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| 2. | Have you contacted the Belgian responsible(s) of other projects that are requesting RV Belgica 2025 ship time and that can be carried out with your project, during one or more joint campaign(s)? |
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|  |
| No |
|  |
| Yes | 🡺 Description of the joint campaign(s): |
|       |

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| 3. | Indicative description of your ship-time needs for the RV Belgica for the year 2025: |
|  |       |
| 4. | Suggestions to improve working conditions and general efficiency of operations on board the RV Belgica:      |

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| I certify that the information contained in these forms A, B, C, D and E correctly describes my RV Belgica 2025 ship time requirements.Date:       Name and signature of the applicant(s):        |