

Government of South Georgia & the South Sandwich Islands

**REGULATED ACTIVITY PERMIT APPLICATION**

Category 2

## 1. Applicant Details

|  |  |
| --- | --- |
| Name of Applicant |  |
| Organisation |  |
| Position within organisation |  |
| Postal Address |  |
| Phone |  |
| e-mail |  |

## 2. Proposed activity

**2.1 Title of the project**

|  |
| --- |
|  |

**2.2 Type of activity**

**Please tick ( ✓ ) the appropriate category(s)**

|  |  |  |  |
| --- | --- | --- | --- |
| Science |  | Media |  |
| Monitoring |  | Other (please specify) |  |

**2.3 Please provide names and job titles of all personnel who will be present in the Territory taking part in the project**

*NOTE: If you do not know the names of everyone who will take part in the project, you can list job titles instead. However, in this case, for skilled jobs i.e. operator of specialist equipment, or where animal handling is involved, you should attach a skills specification as part of your supporting documentation*

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Name** |  | **Name** |
| 1. |  | 5. |  |
| 2. |  | 6. |  |
| 3. |  | 7. |  |
| 4. |  | 8. |  |

**2.4 Period that you wish the permit to cover**

|  |  |
| --- | --- |
| Start (date) |  |
| End (date) |  |

*Please note that for projects that involve handling of wild birds or mammals, the maximum period a permit may be issued for is 12 months*

**2.5 Details of logistic support**

*Please attach a letter from your logistic provider confirming they are willing and able to support your project*

|  |  |
| --- | --- |
| **Is your project based at King Edward Point or Bird Island Research station?** | |
| **Yes** | Go to section 2.6 |
| **No** | **Will you be based on a vessel which is scheduled to land and requires a ‘Visitor Permit’ issued by GSGSSI?** |
| **Yes** | Name of vessel:  Name of Visitor Permit applicant:  Visitor permit number (if you have it): |
| **No** | Please complete Annex 1 |

**2.6 Use of facilities at King Edward Point**

|  |  |
| --- | --- |
| **Do you intend to use any facilities at King Edward Point during your project** | |
| Yes | No |
| If yes, please complete Annex 2 | |

**2.7 Proposed activities**

|  |  |
| --- | --- |
| **Summary (main aims of your project)** | |
|  | |
| **Method**  *Please include details of any specialist equipment* | |
|  | |
| **Site(s) description and itinerary**  *Please provide the name of and approximate date/amount of time spent at each location to be visited (including depot sites) and a general description e.g. coastal, ice free, glacier etc. If you are working at a designated visitor landing site, please provide the site code e.g STA01* | |
|  | |
| **Does your work involve going to a non-designated visitor landing site or working beyond the agreed BAS travel limits?**  *NOTE: Currently only projects with a dedicated support vessel where the primary purpose was to support science/media work are permitted to access non-visitor landing sites* | |
| Yes | No |
| *If yes, please provide details of why it is necessary to visit this specific site in order to meet your project aims* | |
|  | |
| *Please provide details of the safety provisions and logistic support you will have in place while ashore. Include information on communications, emergency procedures, medical provision and experience of team members* | |
|  | |
| **Does your work involve taking samples in a Marine Protected Area closed area?** | |
| Yes | No |
| *If yes, please provide details of why it is necessary to visit this specific site in order to meet your project aims* | |
|  | |

**3. Environmental Assessment**

**Describe the potential impacts of your project and how you will mitigate these risks:**

**NOTE: Please use the following as a guide for determining likelihood and severity**

|  |  |  |
| --- | --- | --- |
|  | **Likelihood** | **Severity** |
| 1 | Highly unlikely to happen | * Relatively minor impact to the immediate environment that will likely recover in a matter of weeks. * Impact on wildlife where normal behavior of the target is likely to be resumed within 15 min |
| 2 | Unlikely to happen | * Impact on immediate environment that is likely to recover within an year * Impact wildlife that where normal behavior of the target individual s likely to be resumed within 1 h |
| 3 | May happen OR difficult to predict. | * Impact on immediate environment that may recover in 2-5 years OR relatively minor damage to a wider area that will recover in 1-2 weeks * Impact wildlife that where normal behavior of the target individual will be resumed within 24 hours |
| 4 | Highly likely to happen | * Damage to the immediate environment that would be unlikely to recover * Impacts to wildlife where activities affect breeding animals or young |
| 5 | Virtual certainty | * Damage to the wider area that would be unlikely to recover * Impacts on wildlife which may result in the death of one or more individuals |

**DEFINITIONS:**

**Impact:** Any direct damage to habitats e.g. from taking samples, installing a piece of equipment to transiting a site or indirect impacts such as aesthetic or noise. Any direct or indirect disturbance of wildlife that results in a change in normal behaviour

**Immediate environment:** within 1 m of activity

**Wider area:** More than 1 m away from activity

|  |  |  |  |
| --- | --- | --- | --- |
| **3.1 Non-target effects** | | | |
| In the absence of mitigation measures, what impacts may your project have on non-target species e.g. bird strike, wildlife disturbance, by-catch? | | | |
|  | | | |
| Likelihood before |  | Severity before |  |
| How will you mitigate these impacts? | | | |
|  | | | |
| Likelihood after |  | Severity after |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **3.2 Damage to habitats** | | | |
| In the absence of mitigation measures, what impacts may your project have? | | | |
|  | | | |
| Likelihood before |  | Severity before |  |
| How will you mitigate these impacts? | | | |
|  | | | |
| Likelihood after |  | Severity after |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **3.3 Introduction of non-native species / disease** | | | |
| In the absence of mitigation measures, what impacts may your project have? | | | |
|  | | | |
| Likelihood before |  | Severity before |  |
| How will you mitigate these impacts? | | | |
|  | | | |
| Likelihood after |  | Severity after |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **3.4 Degradation of aesthetic / wilderness values** | | | |
| In the absence of mitigation measures, what impacts may your project have? | | | |
|  | | | |
| Likelihood before |  | Severity before |  |
| How will you mitigate these impacts? | | | |
|  | | | |
| Likelihood after |  | Severity after |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **3.5 Impacts on target species and/or population and/or habitat** | | | |
| *If your project involves handling wildlife you are required to submit evidence that the proposed activities have been ethically reviewed* | | | |
| In the absence of mitigation measures, what impacts may your project have? | | | |
|  | | | |
| Likelihood before |  | Severity before |  |
| How will you mitigate these impacts? | | | |
|  | | | |
| Likelihood after |  | Severity after |  |

**3.6 How much waste (hazardous and/or non-hazardous) will the project produce?**

*Please provide an estimate where specific details are unknown. Please include general field waste, where relevant.*

|  |  |
| --- | --- |
| **Waste type** | **Estimated quantity (kg)** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**3.7. How will you manage your waste?**

|  |
| --- |
| **Please provide details of how you export your waste from the Territory and who will be responsible for this:** |
|  |

**3.8 Do you intend to install any equipment?**

*This includes marker poles, antennae, settlement plates, mooring buoys, monitoring devices and electronic installations.*

|  |  |
| --- | --- |
| Yes | No |
| *If yes, please provide:* | |
| A brief description of the equipment including dimensions (photographs may be attached) | |
|  | |
| Summary of the location (latitude, longitude, general site description) | |
|  | |
| Details of how the equipment is to be labelled/marked and referenced | |
|  | |
| Do you intend to leave any equipment on South Georgia after your field season is completed | |
| Yes | No |
| *If yes, please provide:* | |
| Details of how and when the equipment is to be maintained and removed | |
|  | |
| Where appropriate, details of space and power requirements and, if your equipment will be networked, approximate volume of data transmission | |
|  | |
| **Please provide a letter of support from your logistics provider that they will facilitate the removal of the equipment** | |

**3.9 Will you be taking fuel into the field i.e. for stoves, generators etc.?**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Yes | | | No | |
| *If yes, please provide:* | | | | |
| Type of fuel | Quantity | | | Storage container |
|  |  | | |  |
|  |  | | |  |
|  |  | | |  |
|  |  | | |  |
| Do you plan to take a fuel spill clean-up kit with you? | | | | |
| Yes | | No | | |

**4. Sample collection**

**4.1 Does your project involve:**

**Killing, capturing or handling a specific species of bird, mammal or fish?**

**e.g. taking blood, feather or samples or attaching tracking devices**

*AND/OR*

**Hand collection of plants or invertebrates at non-visitor landing sites or for BAS supported projects beyond the BAS travel limits?**

|  |  |
| --- | --- |
| Yes | No |
| *If yes, please provide the following information (additional sheets may be appended as required)*  *NOTE: you must submit evidence that your proposed sampling has been reviewed and approved by an ethical review process* | |

|  |  |  |  |
| --- | --- | --- | --- |
| Species | Location | Sample/device type | Maximum number |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**4.2 Does your project involve:**

**Undertaking trawls, cores, dredges in the marine environment that may involve collection of macroscopic marine biota or more than 1 kg of marine phytoplankton or zooplankkton**

*AND/OR*

**Taking samples from terrestrial habitats e.g. soil cores, water samples, at non-visitor landing sites or for BAS supported projects beyond the BAS travel limits?**

|  |  |
| --- | --- |
| Yes | No |
| *If yes, please provide the following information (additional sheets may be appended as required)* | |

|  |  |  |
| --- | --- | --- |
| Type of sample |  | |
| Location | Number of samples | Total mass/volume of samples |
|  |  |  |
|  |  |  |
|  |  |  |

**5. UAV’s**

|  |  |
| --- | --- |
| Yes | No |
| *If your project involves use of a UAV which is to be used for the purpose of aerial work or surveillance you also require a permit under the Air Navigation (Overseas Territories) Order 2013. You should contact Air Safety Support International*[*enquiries@airsaftey.aero*](mailto:enquiries@airsaftey.aero) *to obtain the necessary application form and append this to your RAP application* | |
| **Please also complete checklist in Annex 3** | |
| If your project requirements mean you need to deviate from the mitigation measures outlined in Annex 2 provide details of why it is necessary and what additional measures you will have in place to reduce risk to the environment | |

**6. Follow-Up / Reporting**

|  |  |
| --- | --- |
| **Do you intend to publish the results of this work?** | Yes No |
| **When do you expect to be able to send us a copy?** |  |

**Please attach any further information that may be relevant to your application.**

|  |  |
| --- | --- |
| **Are you submitting supporting documentation?** | Yes No |
| *If yes, please list:* | |
|  | |

**Check list**

*Before submitting your application, please check the following:*

|  |  |
| --- | --- |
| Have you answered ALL questions on this form (refer to the ‘Guide for applicants’ if you are unsure of what to put)? |  |
| Have you included a letter of support from your logistics provider? |  |
| If your work involves animal handling, have you included evidence the project has been ethically reviewed? |  |
| If the project involves using a UAV have you applied to ASSI for a permit under the AN(OT)O? |  |
| Have you met all reporting requirements from previous permits issued by GSGSSI? |  |
| Have you familiarized your self with the most recent versions of the GSGSSI Biosecurity Handbook and Wildlife Code of Conduct? |  |

**Privacy Notice:**

The Government of South Georgia & the South Sandwich Islands will retain the personal data provided in this application form for the purpose of dealing with this application for a Regulated Activity Permit. The information may be supplied to all named participants and to the FCO/or other relevant persons for the purpose of assessing the application. Permits issued as a result of your application and information you submit as part of subsequent reporting on permitted activities will be retained by GSGSSI for long-term environmental monitoring.

|  |  |
| --- | --- |
| From time to time GSGSSI receives requests from third parties requesting details of Regulated Activities taking place on South Georgia. If you **do not** wish the information contained within this application and any resulting permit to be passed to third parties for this purpose please check here |  |

**Completed applications should be sent to** [**permits@gov.gs**](mailto:permits@gov.gs)

**Annex 1 –Vessel annex**

**TO BE COMPLETED BY VESSEL OPPERATOR**

**A1: 24 hour Emergency contact (other than vessel) - Please provide additional emergency contact details**

|  |  |
| --- | --- |
| **Name** |  |
| **Telephone and fax numbers** |  |
| **Email address** |  |

**B1: Vessel – General details**

|  |  |
| --- | --- |
| **Registered name** |  |
| **Shipping agent in Falkland Islands**  **(if applicable)** |  |
| **Flag State** |  |
| **Registration number** |  |
| **Call sign** |  |
| **IMO number** |  |
| **MMSI number** |  |
| **Ice class/rating** |  |
| **Gross tonnage** |  |
| **Net tonnage** |  |
| **Load line length or LOA (specify which)** |  |
| **Fuel type (detail all types carried)** |  |
| **Fuel capacity** |  |
| **Passenger capacity, (excluding staff & crew)** |  |
| **Total number of crew: Master, officers & crew, staff** |  |

**Please note:** a manifest of all persons on board must be communicated to King Edward Point 72 hours prior to arrival in the South Georgia Marine Zone.

**B2: Vessel - Contact and communication details**

|  |  |
| --- | --- |
| **Name of Master** |  |
| **Telephone number** |  |
| **Fax number** |  |
| **Inmarsat C** |  |
| **General ship email address** |  |
| **Master’s email address** |  |

|  |  |
| --- | --- |
| **Check** | **Complete?** |
| **Have you read and understood the current version of the Biosecurity Handbook?** | **Yes** |
| **Do you have onboard, requisite rodent monitoring stations as per the protocol in the Biosecurity Handbook?** | **Yes** |

**Declaration**

I understand that submission of false information could result in a permit being immediately revoked and may lead to future applications for permits being refused, or restrictions being imposed. In some cases, prosecutions may be brought.

Signature (vessel operator) ……………………Date……………

**Annex 2: Technical support request from King Edward Point**

|  |  |
| --- | --- |
| *Please provide information of the type, duration and details of support required from KEP staff:* | |
| **Type of support** | **Brief description of nature of support required including estimated time (where appropriate)** |
| IT/networking support |  |
| Movement of large items of equipment |  |
| Fabrication/construction |  |
| Use of jet boat/RIB |  |
| Other (please specify) |  |

**Lab space requirements**

|  |  |  |
| --- | --- | --- |
| **Do you need to use laboratory facilities at King Edward Point?** | | |
| Yes | | No |
| Bench space needed in rough/wet lab | | m2 |
| Bench space needed in analytical/dry lab | | m2 |
| Bench space needed in electronic workshop | | m2 |
| *Please provide information about what items of laboratory equipment you may need:* | | |
| **Do you need to use the temperature control facility at King Edward Point?** | | |
| Yes | | No |
| **Equipment** | **Brief description of nature of use including time, settings etc.** | |
| Microscope |  | |
| Fume hood |  | |
| Drying oven |  | |
| Freezers |  | |
| Balance |  | |
| Other (please specify) |  | |
| **Are you bringing any laboratory equipment of your own?** | | |
| Yes | | No |
| **If so, please provide details including space and power requirements** | | |
|  | | |

**Sample storage and shipping**

|  |  |  |
| --- | --- | --- |
| **Do you need to store any samples at King Edward Point?** | | |
| Yes | | No |
| +4°C cool storage | | litres |
| -20°C Frozen storage | | litres |
| **How do you intend to export your samples from South Georgia?** | | |
|  | | |
| When do you intend to export samples? |  | |

**Annex 3 – UAV standard operating conditions**

|  |  |
| --- | --- |
| UAV make and model |  |
| Serial number |  |
| Pilot name |  |

**Please tick ( ✓ )to confirm that your UAV operation will comply with the following mitigation measures:**

If as part of your project, you will not comply with any of the mitigation measures e.g. flights over wildlife, buildings etc, please provide a justification for and include alternate measures and monitoring procedures within Section 3 – Environmental Assessment

|  |  |
| --- | --- |
| **Flight operations and piloting** | **( ✓ )** |
| UAV pilots have a minimum of 20 hours previous experience flying a similar UAV and demonstrated proficiency in varied flying conditions.  *PLEASE SUBMIT A CV IN SUPPORT OF YOUR APPLICATION* |  |
| The area where the UAV launches from will be marked with flags or other means so as to warn people not to enter that area (in case the UAV comes home on it’s own) |  |
| The UAV will not be flown within 50 metres of any vessel, vehicle or structure which is not under the control of the person in charge of the aircraft |  |
| Pre-flight planning will include identifying an alternate landing area away from the launch site should the launch site become unusable. |  |
| Each flight will begin with an airborne test of the UAV and its systems in an area away people and wildlife. This must include testing the UAV’s failsafe systems for auto-return. |  |
| The pilot will maintain direct, unaided visual contact with the UAV in order to monitor its flight path in relation to other aircraft, persons, vehicles, vessels and structures for the purpose of avoiding collisions |  |
| A designated flight observer will be present and will maintain a lookout over the area for wildlife, people or other hazards. The observer will be responsible for monitoring signs of disturbance by wildlife, changes in weather and maintaining VHF contact with other personnel in the area |  |
| UAV equipment |  |
| The UAV will be powered by electric motors only. |  |
| The UAV will be equipped with on board GPS and be capable of autonomous return to the launch point (aka: Failsafe) should the pilot lose radio contact with the UAV. |  |
| The UAV will have a telemetry system capable of sending real time data to the pilot, including current altitude, speed, orientation and distance from the launch point. |  |
| The UAV will have an audible warning system to alert the pilot when the battery is below 30% of full charge. |  |
| The UAV’s Failsafe system will include an “auto-land” feature that triggers before the battery voltage falls below the voltage needed to sustain flight. |  |
| The UAV will be equipped with horizontal “prop guards” that protect the propeller tips from coming in contact with people or objects. |  |
| If a UAV is to be operated over water, it will have a tested flotation device attached to allow for recovery if it lands in the water. |  |
| **Flight restrictions** |  |
| Flights will only conducted in fair weather, with clear skies and good visibility. |  |
| The minimum weather conditions for launch include at least 5 kilometres visibility, 600 meters ceiling, and temperatures within the manufacturers operating guidelines. |  |
| Total flight durations will not exceed 15 minutes, and the pilot must have a way to monitor the flight battery voltage at all times during the flight. |  |
| Flights must not be started in winds exceeding the UAV manufacturers recommended maximum, and must be aborted if winds exceed 25knots. |  |
| The maximum altitude will not exceed 90 meters Above Ground Level (AGL) at any time. |  |
| The maximum distance away from the pilot will not exceed 500 meters but never beyond visual contact of the observer. |  |
| The UAV will not be used to obtain footage over concentrations of wildlife on shore or over concentrations of flying birds |  |
| The UAV will not be used in the vicinity of buildings at King Edward Point or Grytviken without the permission of the Government Officer. |  |
| The UAV will not be flown over Prohibited Areas surrounding the whaling stations at Stromness, Leith, Husvik or Prince Olav |  |
| If any wildlife indicates disturbance, unusual behaviour, or interest in the UAV, the flight shall be aborted immediately. |  |
| In the event of a crash, every effort will be made to collect all the remains and evidence of the UAV |  |
| The UAV should be brightly marked or coloured to make it easy to see in the event it lands away from the launch site. |  |
| The pilot will always operate the UAV in a way that minimizes the sound emitting from the craft. |  |