

Examples to inform writing 'actions for prevention'



PATHWAYS

Pathways are the ways in which invasive species could travel the island; these are largely human-mediated but can include any potential natural means.

Pathway	Main Invasive Species	Current risk level
Ferry from x (operated by x) Skips if unsecured and unsealed could pose serious risk; vehicles; contractors, portacabins; equipment and materials; groceries; livestock, wool and animal feed/bedding.	Brown Rat Stoat	High
Cruise ships and tour boats Point of origin may be x mainland or further afield; passengers disembark with luggage and may dispose of waste on island; cruise ships often book with ranger service.	Brown Rat	Medium
Specialist vessels Barges are used to transport materials for large construction projects.	Brown Rat	High
Visiting private vessels Low but increasing numbers of private vessels such as yachts land on the island or moor nearby; visitors disembark with luggage and may dispose of waste on island.	Brown Rat	Medium
Passing vessels This includes fishing boats (rarely moor overnight), private vessels and cruise ships that could come within swimming distance of the island.	Brown Rat	Low
Shipwrecks	Brown/Black Rat	Medium
Planes from x (operated by x) Planes transport passengers, luggage and mail.	Brown Rat	Low
Helicopter Occasionally use of helicopters, largely by NLB to transport staff/materials.	Brown Rat	Medium
Intentional transportation/release This includes intentional or accidental release by humans. Hedgehogs were deliberately released recently.	Ferret Feral cats	Medium

PREVENTION

Using the pathways identified above, this section gives actions that can be taken to create barriers along these pathways

Creating barriers

Pathway	Barrier	Who implements*
Ferry from x	<ol style="list-style-type: none"> Follow best practice for vessels (see 'boats 'resource section – How to sail without stowaways'). Customers should be made aware of biosecurity risks and measures that they can take (see 'What to do when travelling to and from islands') All travellers should follow best practice guidance for baggage and vehicles (as above) Rodent control should be in place at departure points. Biosecurity planning conditions should apply on any construction project. Incoming skips must be empty and secure. Inform all island residents, visiting staff and overnight visitors of biosecurity risks and measures (see 'awareness raising' resource section) 	<ol style="list-style-type: none"> Ferry staff Ferry staff/cargo owner Ferry staff Individuals travelling Council Council Council On-island biosecurity co-ordinator and accommodation providers. Biosecurity for LIFE to provide relevant info/guidance.
Cruise ships and tour boats	<ol style="list-style-type: none"> Follow best practice for vessels, especially any landing on the island (see 'boats 'resource section – How to sail without stowaways'). Follow best practice for cargo (appendix 3) 	<ol style="list-style-type: none"> Tour company Tour company Ranger Service Tour company Council

	<ol style="list-style-type: none"> 3. Tour operators to be informed of biosecurity risks and directed to best practice guidance when bookings are made. 4. Inform customers of biosecurity risks and measures. 5. Rodent control should be in place at Shetland departure points. 	
Specialist vessels	<ol style="list-style-type: none"> 1. Follow best practice for vessels (see 'boats 'resource section – How to sail without stowaways'). 2. Inform crew and staff of biosecurity risks and measures. 3. Rodent control should be in place at departure points. 4. Biosecurity planning conditions should apply on any construction project. 	<ol style="list-style-type: none"> 1. Vessel skipper 2. Cargo owner 3. Vessel skipper 4. Council 5. S Council
Visiting private vessels	<ol style="list-style-type: none"> 1. Follow best practice for vessels (see 'boats 'resource section – How to sail without stowaways'). 2. Signage at pier on island to inform visiting vessels of biosecurity risk (see 'awareness raising' resource section). 3. Inform visitors of biosecurity risks and measures where possible (see 'awareness raising' resource section) 	<ol style="list-style-type: none"> 1. Vessel skipper 2. Vessel skipper 3. Biosecurity for LIFE 4. Ranger Service
Passing vessels	<ol style="list-style-type: none"> 1. Follow best practice for vessels (see 'awareness raising' resource section and 'boats 'resource section) 	<ol style="list-style-type: none"> 1. Vessel skipper 2. Vessel skipper
Shipwrecks	<ol style="list-style-type: none"> 1. Any shipwreck should trigger an incursion response 	<ol style="list-style-type: none"> 1. Incursion Response Hub
Planes	<ol style="list-style-type: none"> 1. All travellers should follow best practice guidance for baggage (see 'awareness raising' resource section) 2. Avoid overnight stays. 3. Inform all island residents, visiting staff and overnight visitors of biosecurity risks and measures (see 'awareness raising' resource section) 	<ol style="list-style-type: none"> 1. Service company and cargo owner 2. Individuals travelling 3. Service company 4. On-island biosecurity co-ordinator and accommodation providers. Biosecurity for LIFE to provide relevant info/guidance.
Helicopter	<ol style="list-style-type: none"> 1. All staff should follow best practice guidance for baggage (see 'awareness raising' resource section) 2. Avoid overnight stays. 3. Staff 	<ol style="list-style-type: none"> 1. Cargo owner 2. Flight commissioner 3. Staff team leader
Intentional transportation/release	<ol style="list-style-type: none"> 1. Ensure that all residents, particularly any new ones, and visiting staff are aware of the dangers posed. Information for residents/visiting staff provided by Biosecurity for LIFE. (see 'awareness raising' resource section) 	<ol style="list-style-type: none"> 1. On-island biosecurity co-ordinator and RSPB biosecurity staff.