South Georgia Asbestos Training

Level 2



How to Use This Training

- Work through the presentation in order.
- Read all the information on each slide before moving on.
- Use the forward and back buttons within PowerPoint to navigate between slides.
- Some slides contain key messages that you will be tested on in the awareness quiz.
- The training should take approximately **20 minutes** to complete.



- This training is intended for those who require access to areas where there is a low chance of exposure to asbestos but it is in an uncontrolled environments
- This includes those undertaking cemetery visits and accessing Husvik Villa Management Area



Aims

At the end of this module you should:

- Understand Access level 2 requirements
- Be aware of access routes and Prohibited Area boundaries
- Understand the importance of weather and environmental controls
- Be familiar with Emergency Procedures
- Understand reporting requirements



What is Access level 2?

Access Level 2 applies to activities where:

- Asbestos exposure is considered unlikely.
- The environment is not fully controlled.
- Hazards may exist that are not immediately obvious

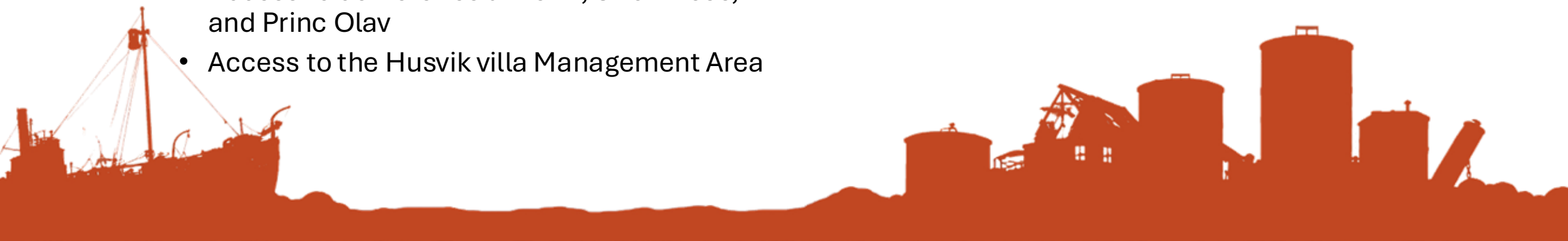
Activities are restricted to approved areas and approved routes.

Examples include:

- Access to cemeteries at Leith, Stromness, and Princ Olav
- Access to the Husvik villa Management Area

Not Included

- ❌ Sampling
- ❌ Removal
- ❌ Repair
- ❌ Disturbance of ACMs
- ❌ Handling damaged ACMs



What do I need to work at Access level 2

To work at Access Level 2 you should:

- Complete:
  - South Georgia Asbestos Training Level 0 (Awareness)
  - South Georgia Asbestos Training Level 2

- Be familiar with the Access level 2 SOP
- Be familiar with Emergency Procedures
- Be named on a Regulated Activity Permit covering the planned work



Roles and responsibilities

Effective asbestos management relies on everyone understanding roles and responsibilities

Duty Holder - The GSGSSI nominated lead for asbestos management within the territory including responsibility for issuing permits, risk assessments and training

Government Officer – Supports operational coordination and may be involved in incident response and emergency situations

Line manager – Responsible for making sure RAPs are in place, staff have undertaken training and activities follow the relevant SOP

You – Responsible for following training and SOPs, working safely and reporting incidents



Why Access is to Prohibited Areas restricted?

Former whaling stations at Leith, Stromness, Husvik and Prince Olav contain:

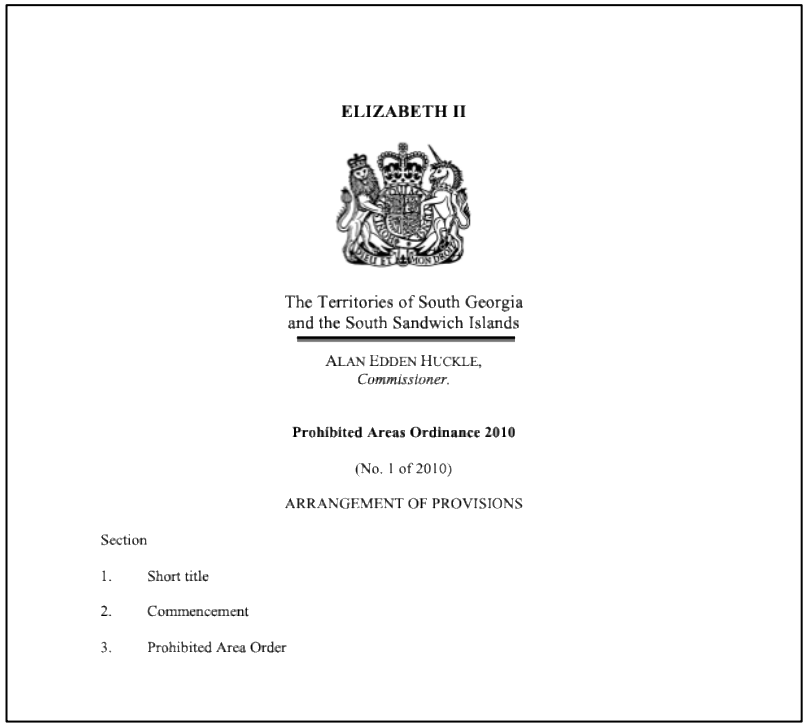
- Historic industrial infrastructure
- Debris fields
- Potential asbestos-containing materials
- Structural hazards



The whaling stations complex and the <u>200m</u> areas around them are a **Prohibited Area**

Legal obligations

- Access Level 2 involves going inside the Prohibited Area and requires permission under the Prohibited Areas Order 2010
- This permission will be given as part of the Regulated Activity Permit (RAP)
- There will be conditions associated with the RAP including
  - Who can enter
  - Dates of entry
  - Locations
  - Training
  - Activities which can be undertaken
  - Reporting requirements



ELIZABETH II

The Territories of South Georgia and the South Sandwich Islands

ALAN EDDEN HUCKLE,
Commissioner.

Prohibited Areas Ordinance 2010

(No. 1 of 2010)

ARRANGEMENT OF PROVISIONS

Section

1. Short title
2. Commencement
3. Prohibited Area Order

Breaching permit conditions can result in a fine up to £50,000 or up to 12 months imprisonment

Personal Protective Measures

Level 2 areas are outside the highest-risk parts of the stations but are still in an ‘uncontrolled’ environment and caution is needed

Required Equipment

✅ Suitable outdoor clothing

✅ Sturdy footwear

✅ VHF radio

Not Normally Required

❌ Type 5 coveralls

❌ FFP3 masks

Why are face masks and coveralls not required for level 2 activities?

- Personnel remain in low-risk areas
- No interaction with ACMs occurs
- Materials are not disturbed
- Exposure pathways are avoided

Avoidance Is The Primary Control



Site maps and route discipline

Site maps are a mandatory part of Access Level 2 activities.

They show:

- Approved routes
- Site boundaries
- Restricted areas

You must:

✅ Follow approved routes

✅ Remain within approved boundaries

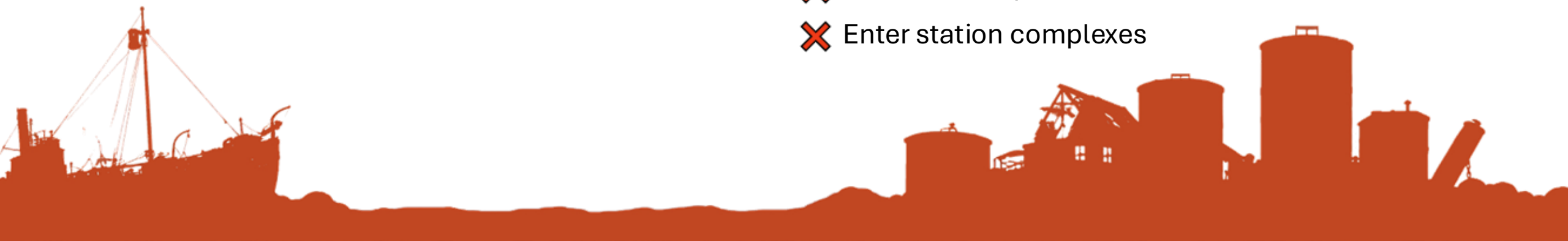
✅ Follow RAP conditions

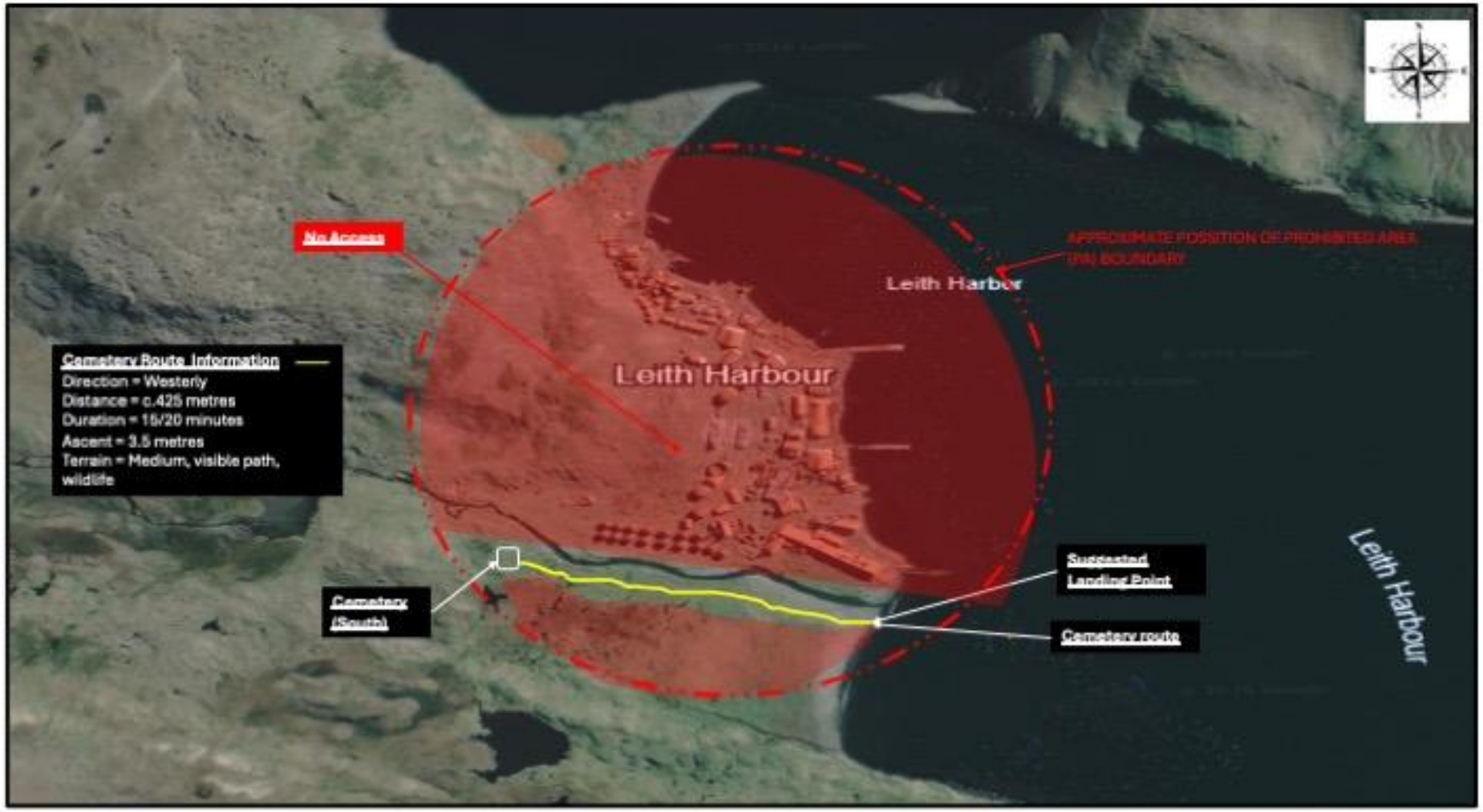
Never:

❌ Take shortcuts

❌ Deviate to inspect structures

❌ Enter station complexes





KEY

Red: No Access

Red (dash): Approximate 200 Metre Exclusion Zone

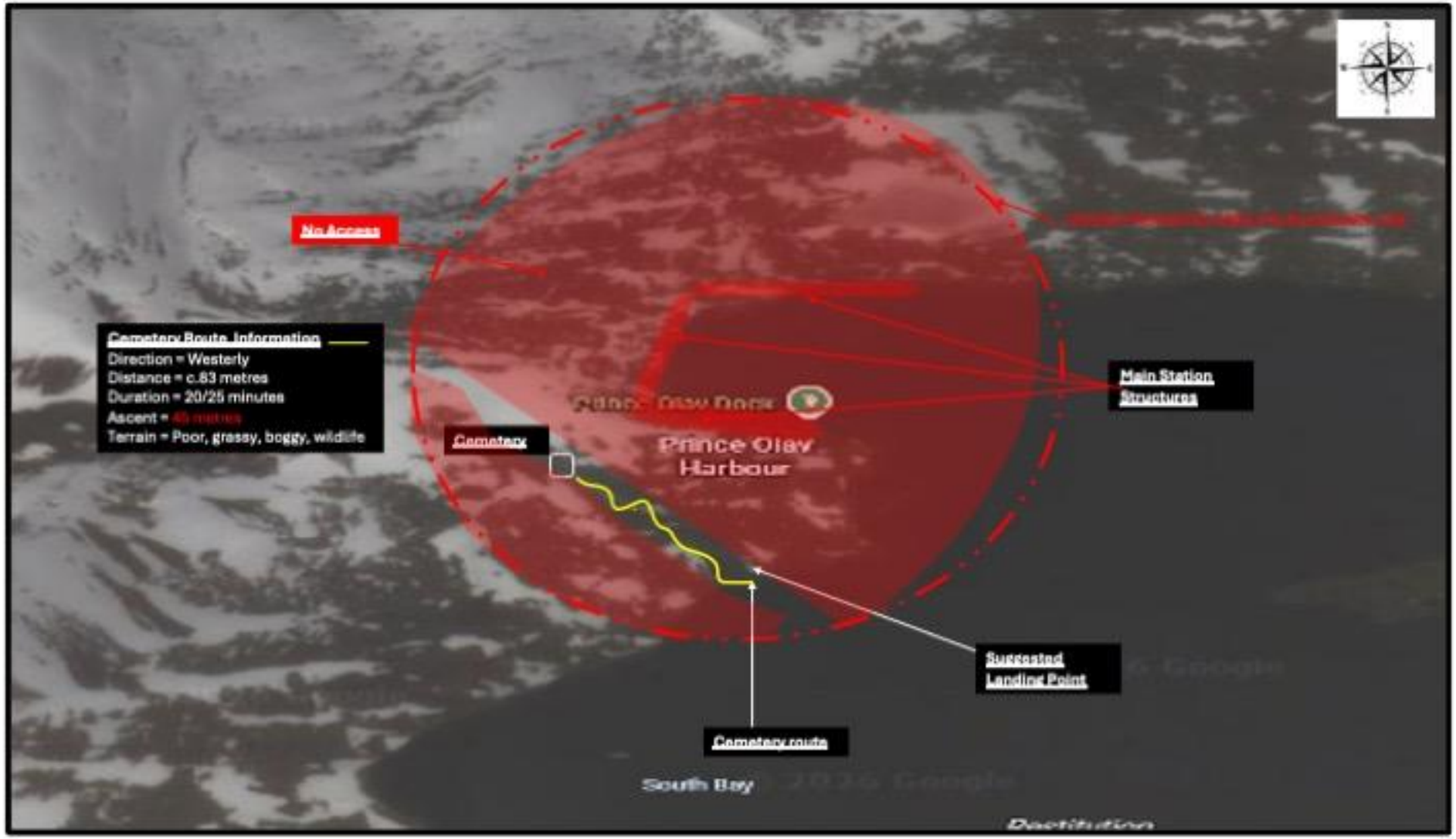
Yellow : Permitted / Approved Access Corridor (Level 2)

Leith Cemetery Route

Standard Operating Procedure: Access Level 2 Activities

Version / Status - V1

GSGSSI



KEY

Red: No Access

Red (dash): Approximate 200 Metre Exclusion Zone

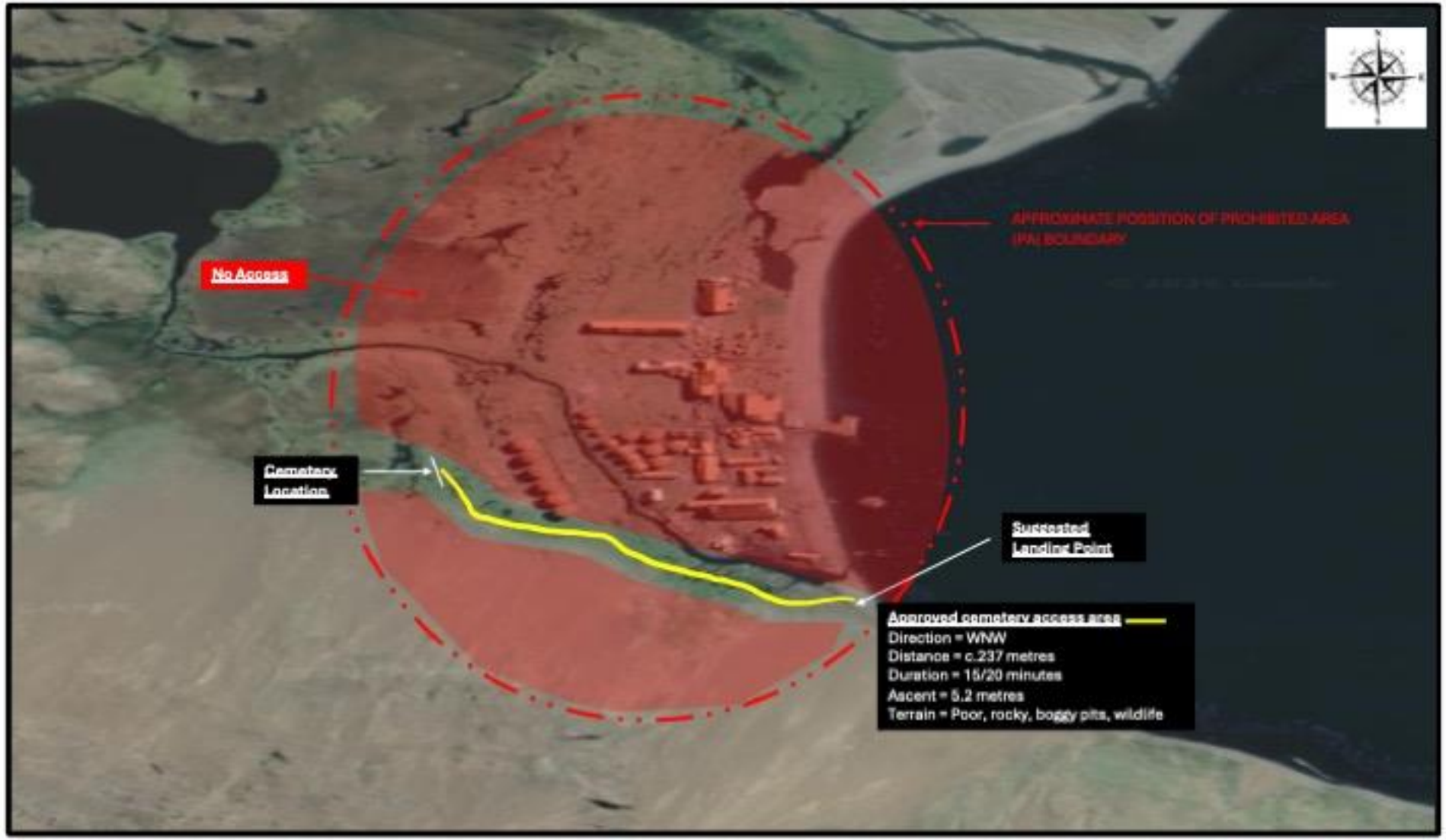
Orange : Permitted / Approved Access Corridor (Level 2)

Prince Olav Harbour

Standard Operating Procedure: Access Level 2 Activities

Version / Status - V1

GSGSSI



KEY

Red: No Access

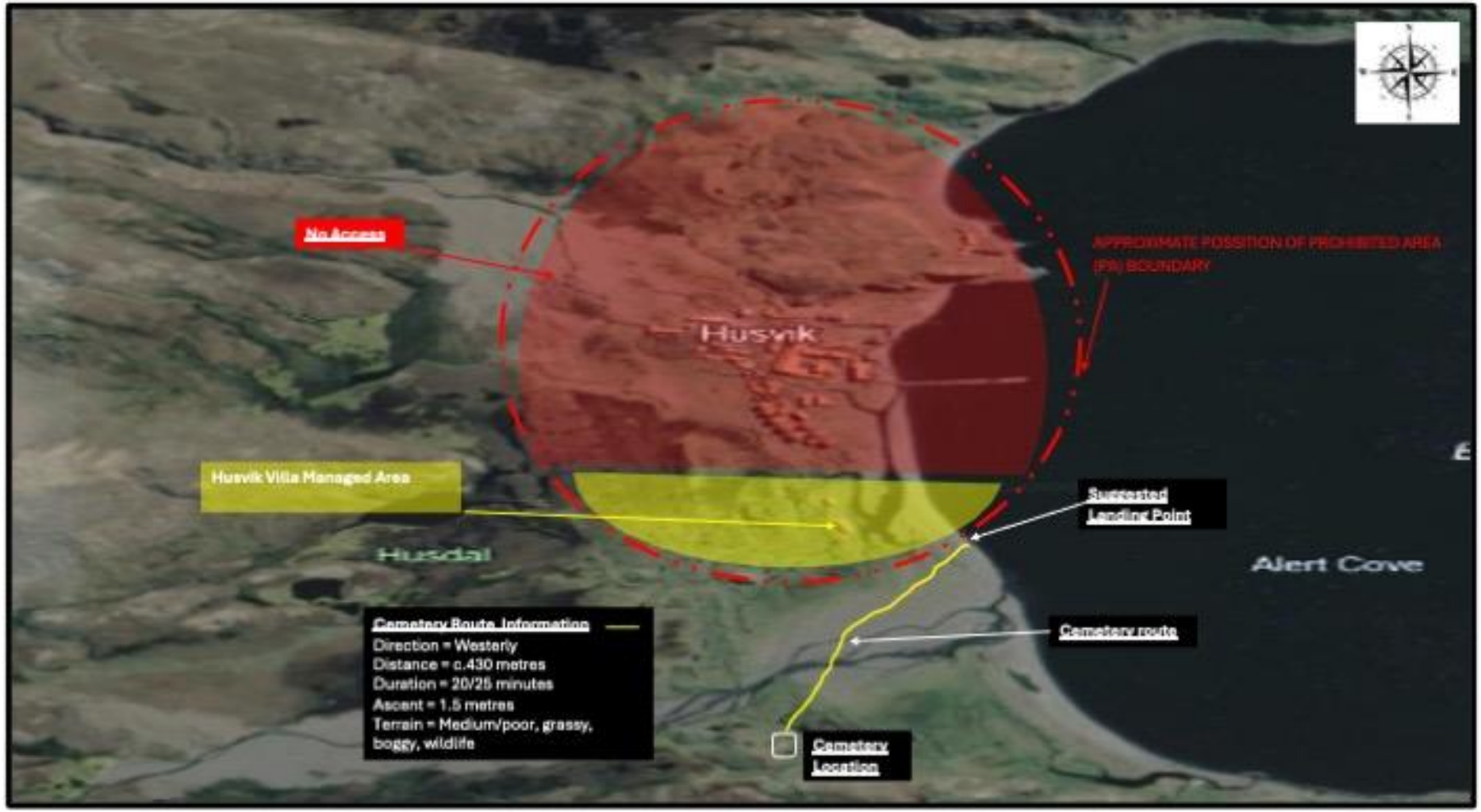
Red (dash): Approximate 200 Metre Exclusion Zone

Yellow: Permitted / Approved Access Corridor (Level 2)

Stromness Harbour Cemetery Route

Standard Operating Procedure: Access Level 2 Activities

Version / Status - V1



KEY

Red: No Access

Red (dash): Approximate 200 Metre Exclusion Zone

Yellow : Permitted / Approved Cemetery Access Corridor & Managed Villa Area (Level 2)

Husvik Cemetery Route & Managers Villa

Standard Operating Procedure: Access Level 2 Activities

Version / Status - V1

Recognising Hazards

What Should I Look For?

- If you stay on the approved route, you are at low risk of encountering ACMs
- However, you should remain vigilant for the following
  - Insulation fragments
  - Pipe lagging debris
  - Unknown fragments near station infrastructure

If in doubt assume the material is suspect and avoid disturbing it.



Wind

Strong winds can increase the risk of structural collapse of buildings and flying debris. Entry to the Prohibited areas may only proceed where:

✅ **Average wind speed is less than 25 knots**

✅ **Maximum gust speed does not exceed 40 knots**

DO NOT estimate wind speed > use an anemometer



Wind cont.

Before Entering a Prohibited Area

- Wind conditions must be checked:
  - Using an **anemometer**
  - From a location **outside the Prohibited Area**
  - Before beginning the activity
- Record:
  - Average wind speed (over at least one minute)
  - Maximum gust speed

During the Activity

Reassess wind conditions:

- At least every 2 hours
- Whenever weather conditions appear to be changing



Shore barrel and emergency equipment

All work work in a Prohibited Area requires access to a shore barrel containing:

- Emergency shelter
- Sleeping bags
- Food (minimum 48h)
- Flask
- Torch
- Spare communications (radio, iridium) first aid kit



This should be OUTSIDE the Prohibited Area so it can be accessed in an emergency

Reporting requirements

On completion of any level 2 activity you MUST report via the RAP system the following information:

- Personnel names
- Entry and exit times
- Route deviations
- Hazards encountered including suspected ACMs route obstructions, and changes in site conditions
- Incidents and near misses



Emergency Procedures – Asbestos related Incidents

Stop

- Stop work immediatly
- Do not continue activity
- Do not attempt to inspect, sample, move, clean up, or otherwise investigate the material

Withdraw

Move away from the immediate area by the safest available route
Avoid causing further disturbance.
Follow decontamination proceedures if needed

Record

Where it is safe to do so: take GPS possition and photographs
Personnel must not re-enter or approach the area solely to obtain photographs or location information.

Report

Report the incident immediately to the Duty Holder or nominated deputy
Provide: location, nature of incident, names of people involbed, photographs and GPS possitions



Emergency Procedures – Weather and Medical

Stop	•Activities must cease immediatly
Aid	•For time critical medical incidents, offer immediate first aid as required
Withdraw	Personnel must withdraw to the nearest safe location outside the Prohibitied Area. The support vessel must be contacted as soon as practicable
Evacuate	•Where possible return to the support vessel •If return to the support vessel is not possible establish an emergency camp OUTSIDE the Prohibited area using the equipment in the shore barrel*
Report	•Report the incident to the Government Officers and the Duty Holder



Practical example - 1

You are following an approved cemetery access route when a fur seal moves onto the route ahead and begins displaying aggressive behaviour



✅ Stop and assess the situation.

✅ Maintain a safe distance.

✅ Look for a safe alternative within the approved access area.

✅ Withdraw if necessary.

❌ Attempt to pass close to the animal.

❌ Use objects to move or scare the animal.

❌ Leave the approved access area unless necessary for immediate safety.

Practical example - 2

You have been in the cemetery for approximately one hour when wind conditions begin to deteriorate. A repeat check shows:

Average wind speed = **28 knots**

Maximum gust = **42 knots**



- ✅ Stop the activity.
- ✅ Inform the rest of the group.
- ✅ Withdraw using the approved route.
- ✅ Contact the support vessel if required.

- ❌ Do not re-enter until wind drops to safe speed.

Practical example - 3

You arrive at a cemetery following winter storms and discover that part of the approved route is now covered by debris originating from a nearby building which has collapsed.



✅ Stop and reassess the situation.

✅ Do not enter the debris field.

✅ Photograph the route if safe to do so.

✅ Report the obstruction and site condition through the RAP process.

❌ Attempt to clear the route.

❌ Walk through the debris.

❌ Create a new route through the Prohibited Area.

Quiz

When you are ready click here to go to the quiz

Good luck!

