

Antarctica First Look

Expedition Highlights

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My first encounter



Weekly Reader | Picture Reader

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Time To Read





▶ 24-day Expedition



Landings

Regimen for landing and return

- Boots
 - Powerwash boots
 - Disinfectant
- ID check



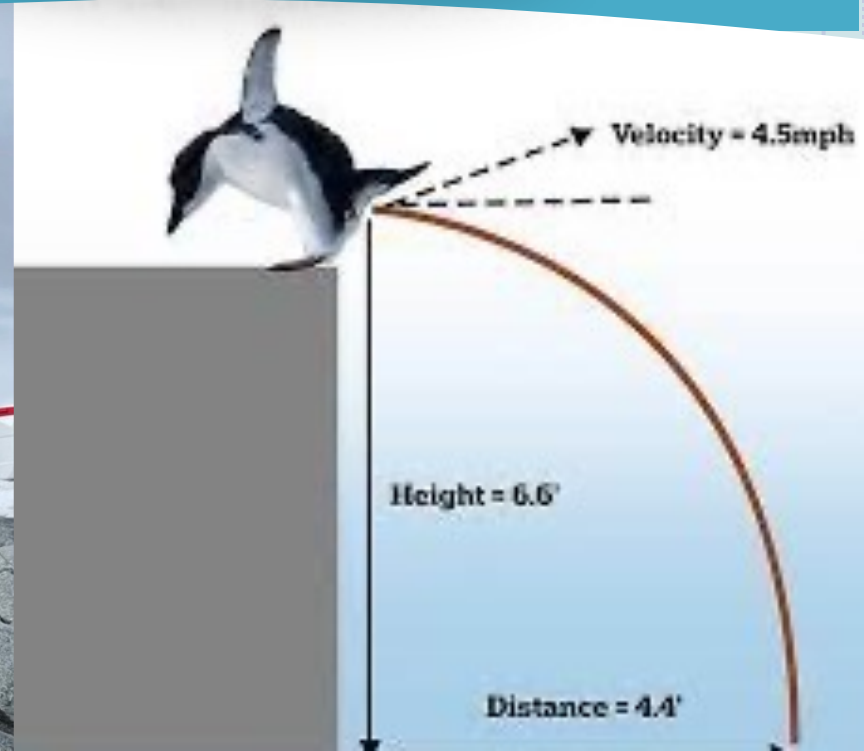
Expedition Leaders



Lectures onboard



Trajectory of penguin feces





Shackleton

- The Ship Beneath the Sea
by Mensun Bond



The Falklands



Albatross and Rock Hooper Rookery



Penguins

- Rockhopper
- Macaroni penguin



Flora Native plants

- *Felton's Flower* *Calandrinia feltonii*
- Antarctic bedstraw *Galium antarcticum*
- Falkland Conservation Native Plant Garden



More native flora

- Sea Cabbage (*Crambe maritima*)
- Diddle Dee (*Empetrum rubrum*)

Tussac grass

Single most important
wildlife habitat

- Birds use tussac for either nesting or feeding
- Shelter/breeding
- Invertebrate diversity



Tussac grasses 80% decline

- Causes
 - Overgrazing
 - Burning
- Effects
 - Depletion of wildlife
 - Soil Erosion
- Planting & Management



Tussac grass

Forms and purposes

- Bogs
- Canopy
- Aborigines
- Survival



South Georgia (Grytviken) Whaling and seal hunting

- 12 years: 1.2 million seals killed
 - Overtaken by whaling
- 60 years whaling processed 175,000 cetaceans
 - Demise was drop in market price of whale products



South Georgia continued

- Remains guarded by fur and whale seals



Life, death and compassion





▶ Leaving South
Georgia

Journey to Antarctica





Antarctica: First day



► Research site

Sun Halo

- Refraction, reflection, and dispersion of light through ice particles
- Forms cirrus cloud



Setting off



Ice





► Algal growth



► On sea and land

Waters filled with life



Waters team with aquatic life



Shallows



Seal enjoying the sun



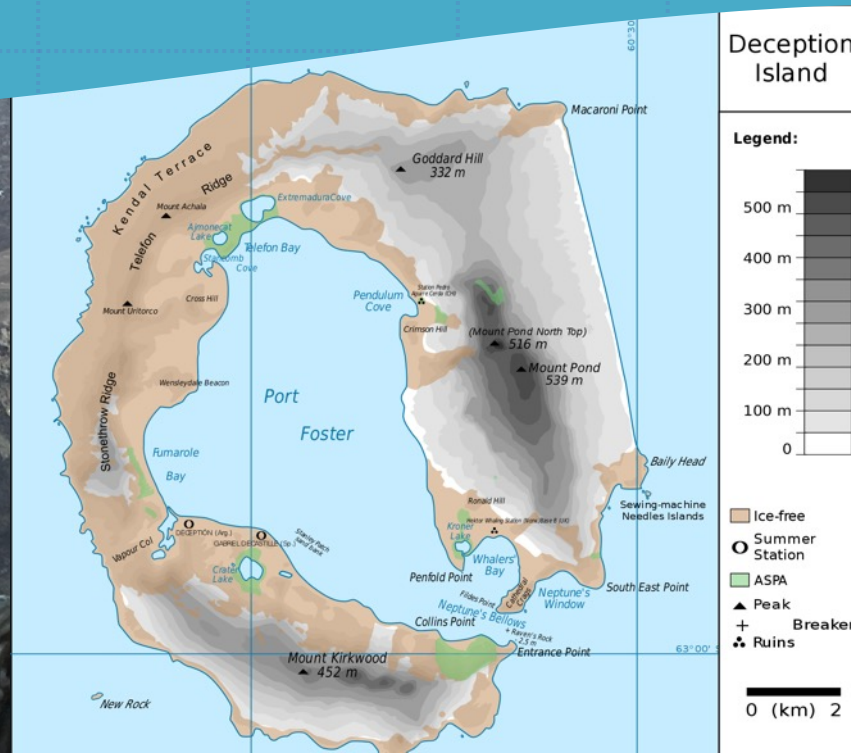




Orca teamwork

Deception Island

- Formation of rainbows Neptune's Bellows
- Neptune's Window





Landing on Deception Island

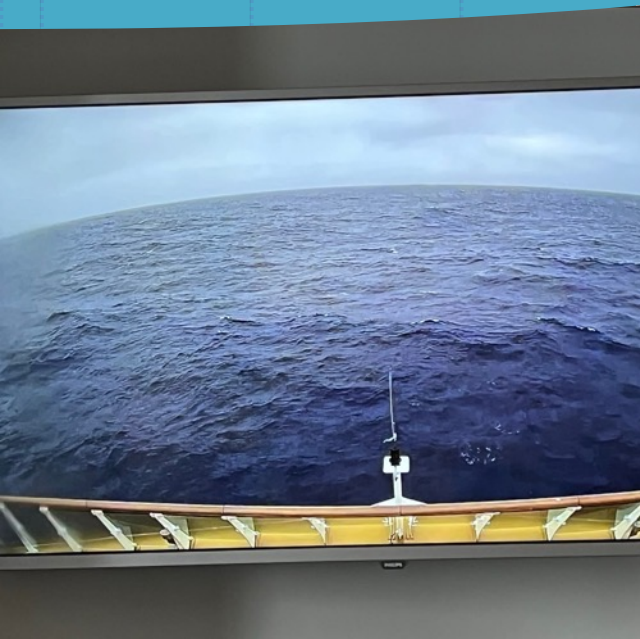
Deception Island




Polar Dip!



Crossing the Drake Passage





"In the end, we will conserve only
what we love; we will love only what
we understand; and we will
understand only what we are taught."

Baba Dioum (1968)