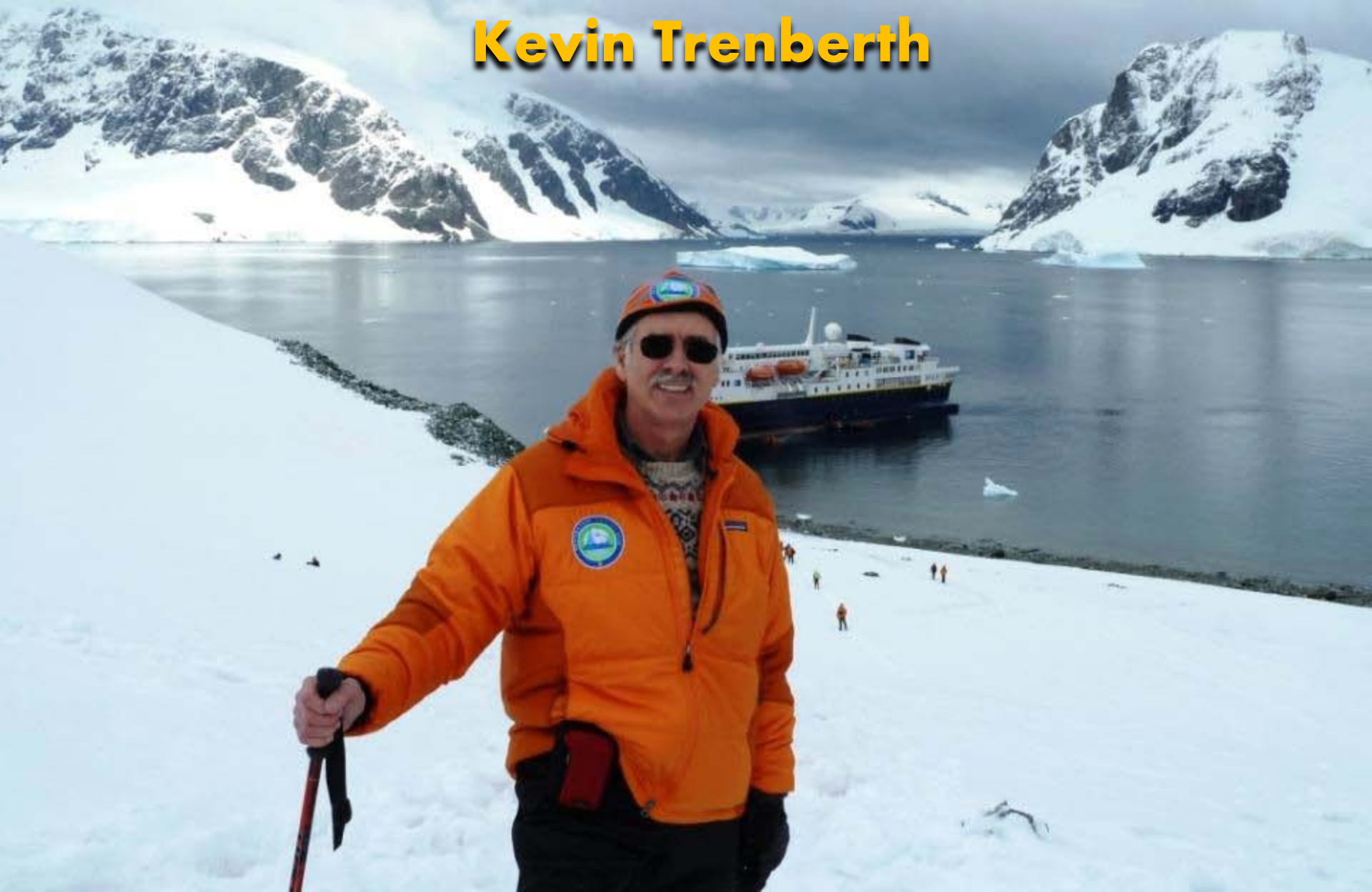


Destination Antarctica: 2012

Kevin Trenberth





**The Climate
Reality Project**

DESTINATION: REALITY 2012

US Embassy
Buenos Aires

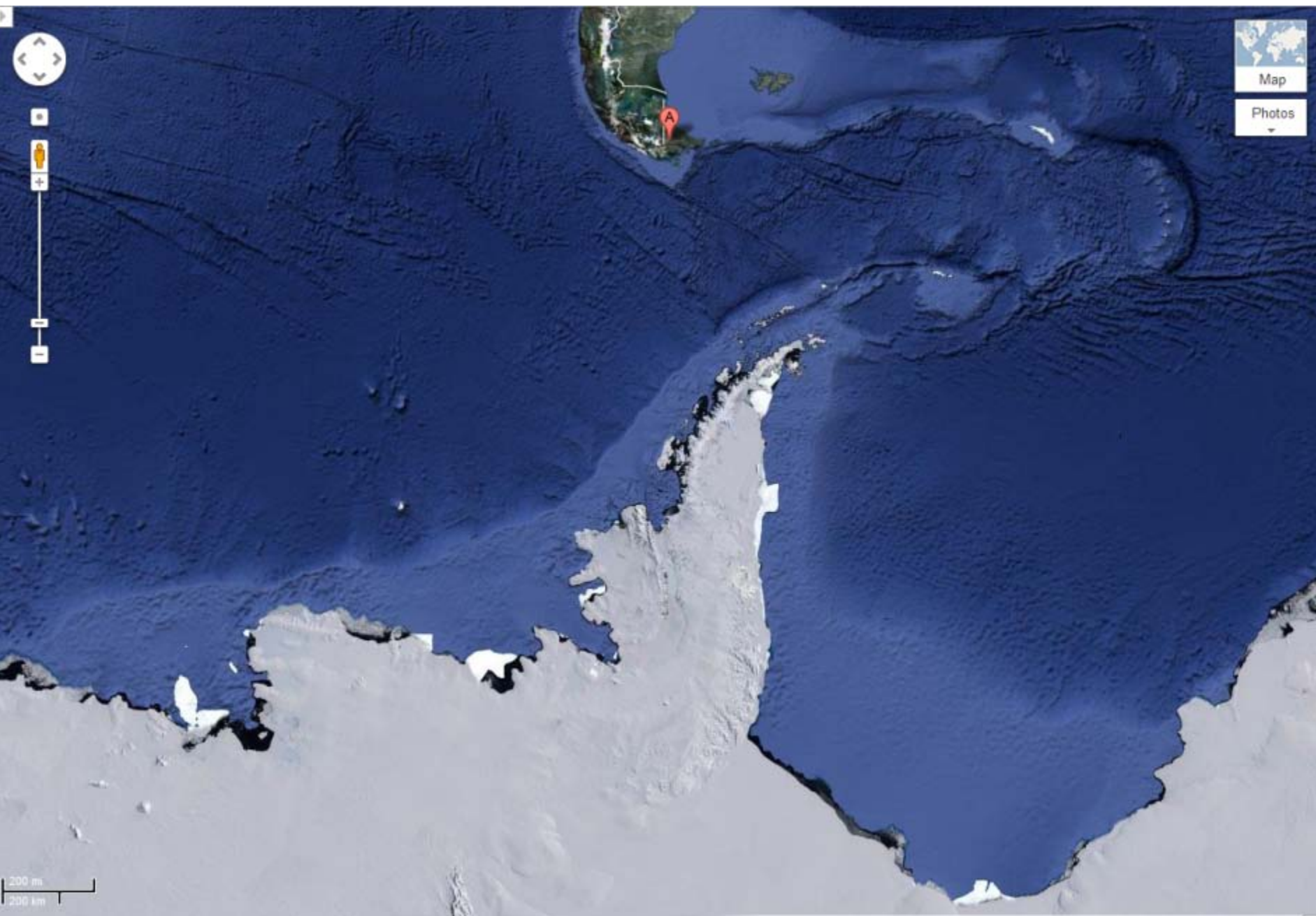


US Embassy, Buenos Aires



National Geographic Explorer





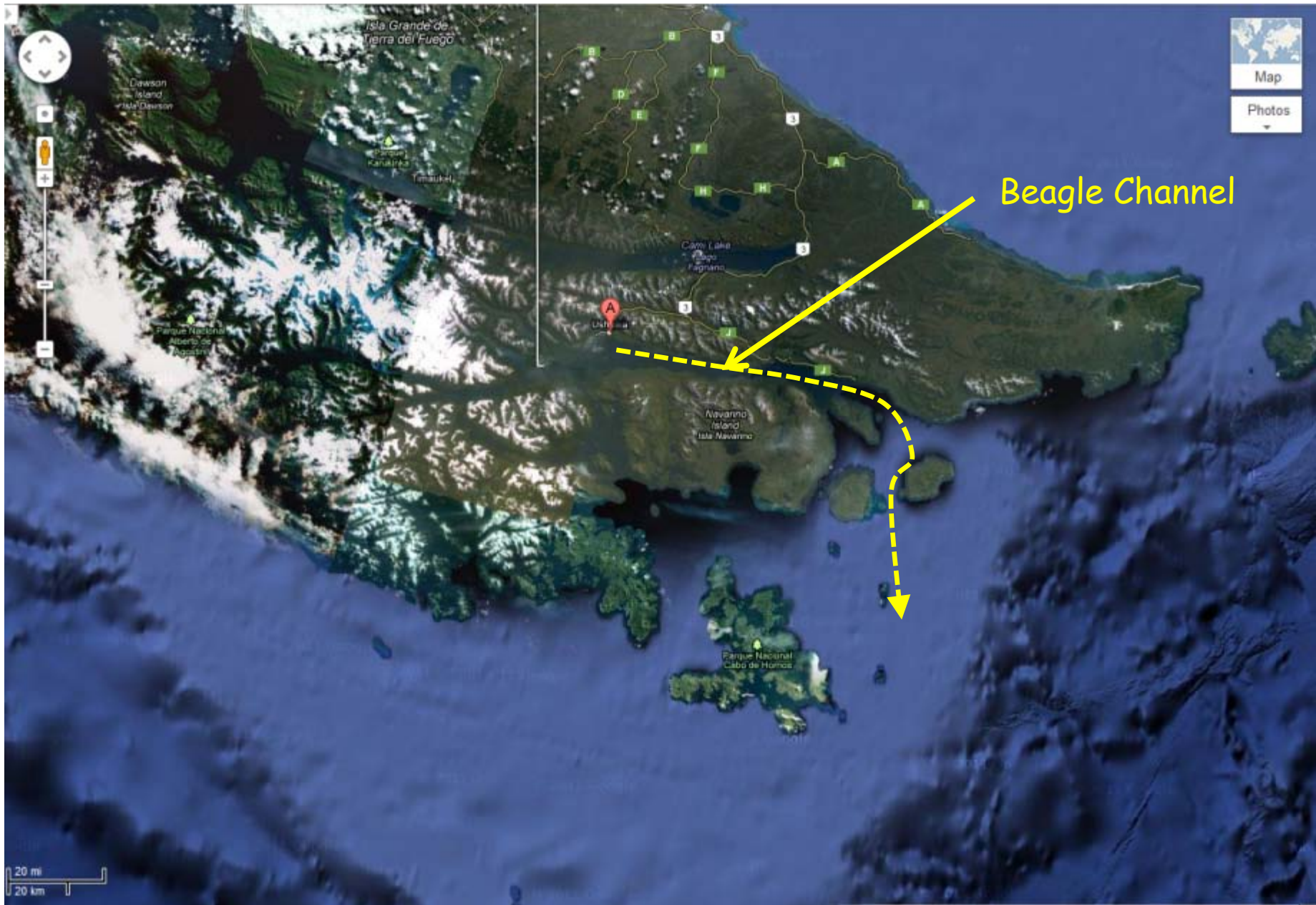
Map

Photos

200 m

200 km







Ushuaia (going)

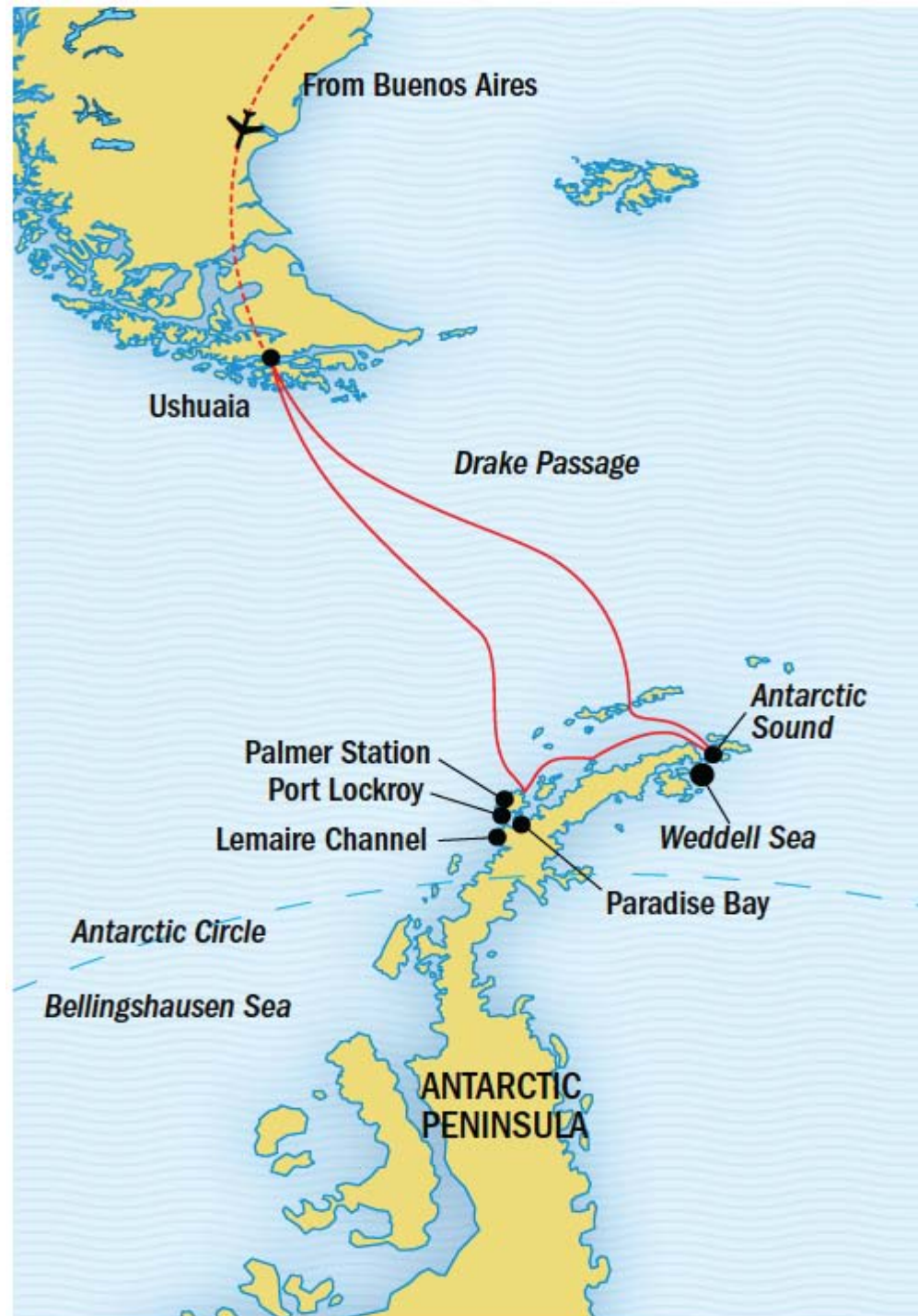


Ushuaia (returning



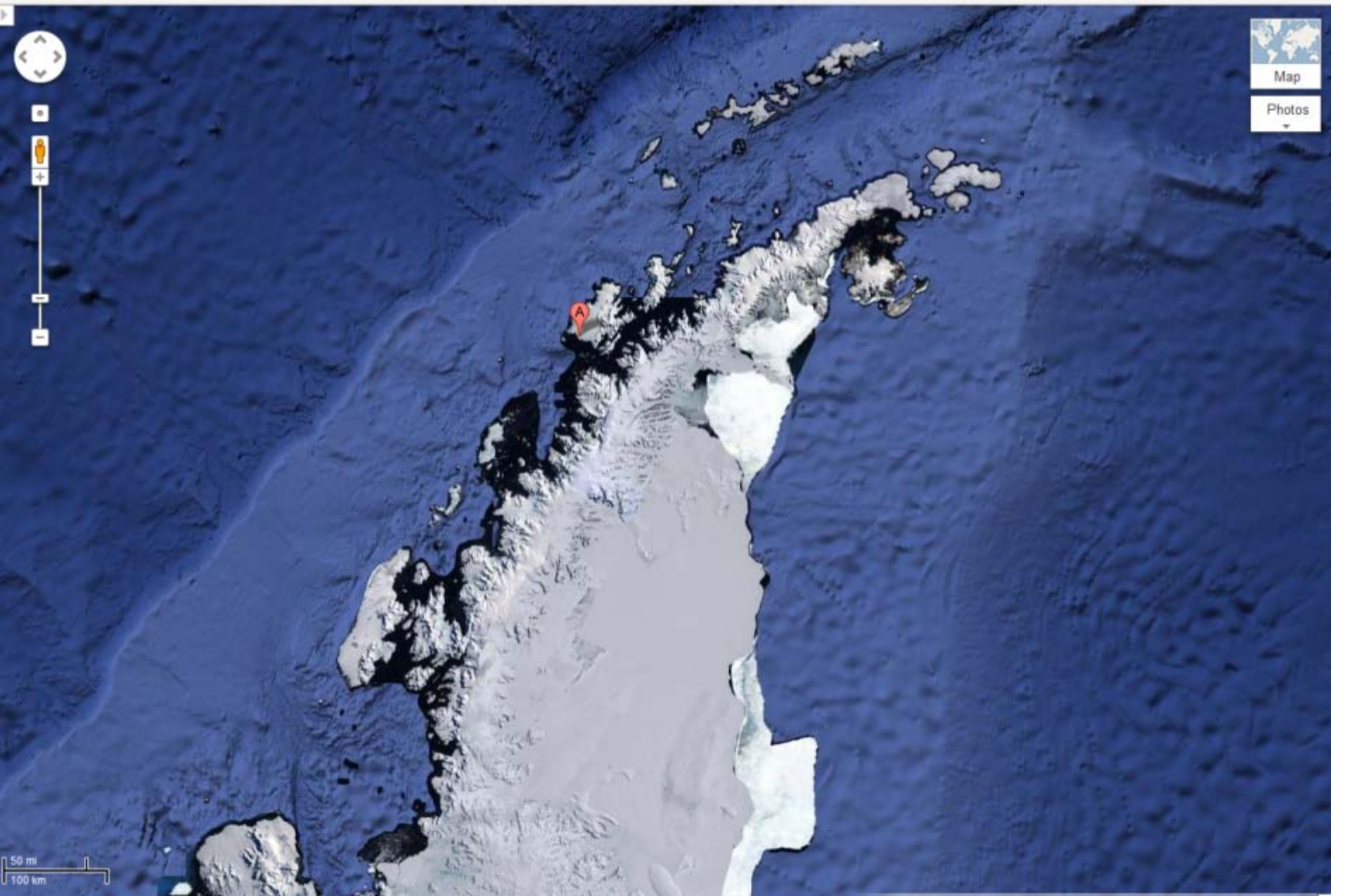
Departing Ushuaia



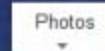




Palmer Station, Antarctica

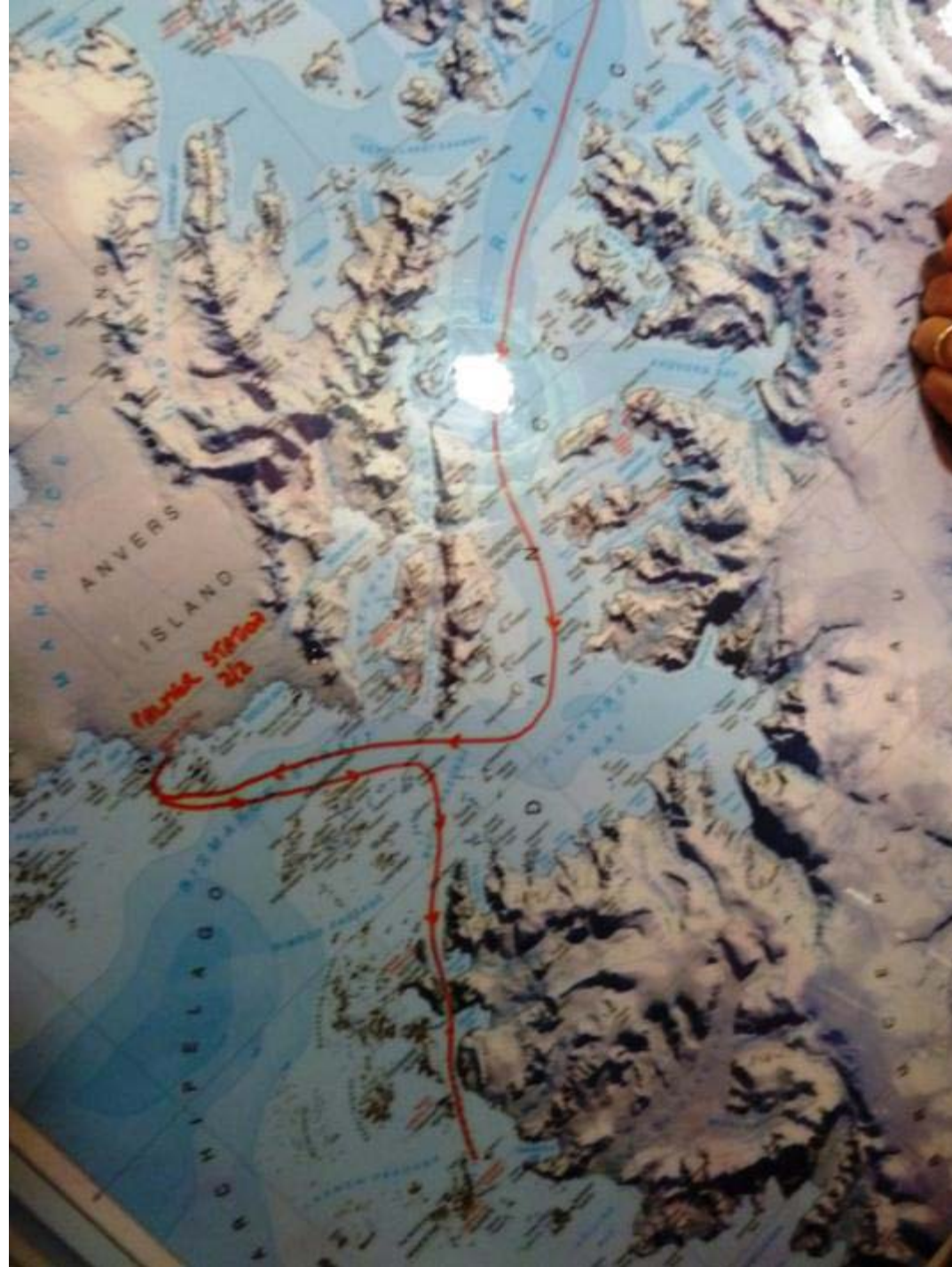


Map



Photos

50 mi
100 km



Zodiak





Giant Petrel



On the bridge:

At the "tiller" steering.



Cabin



Al Gore and me





In zodiac;
Leonardo Dicaprio in bow
Penguin colony





Krill (Palmer Station): 1 to 2 inches long

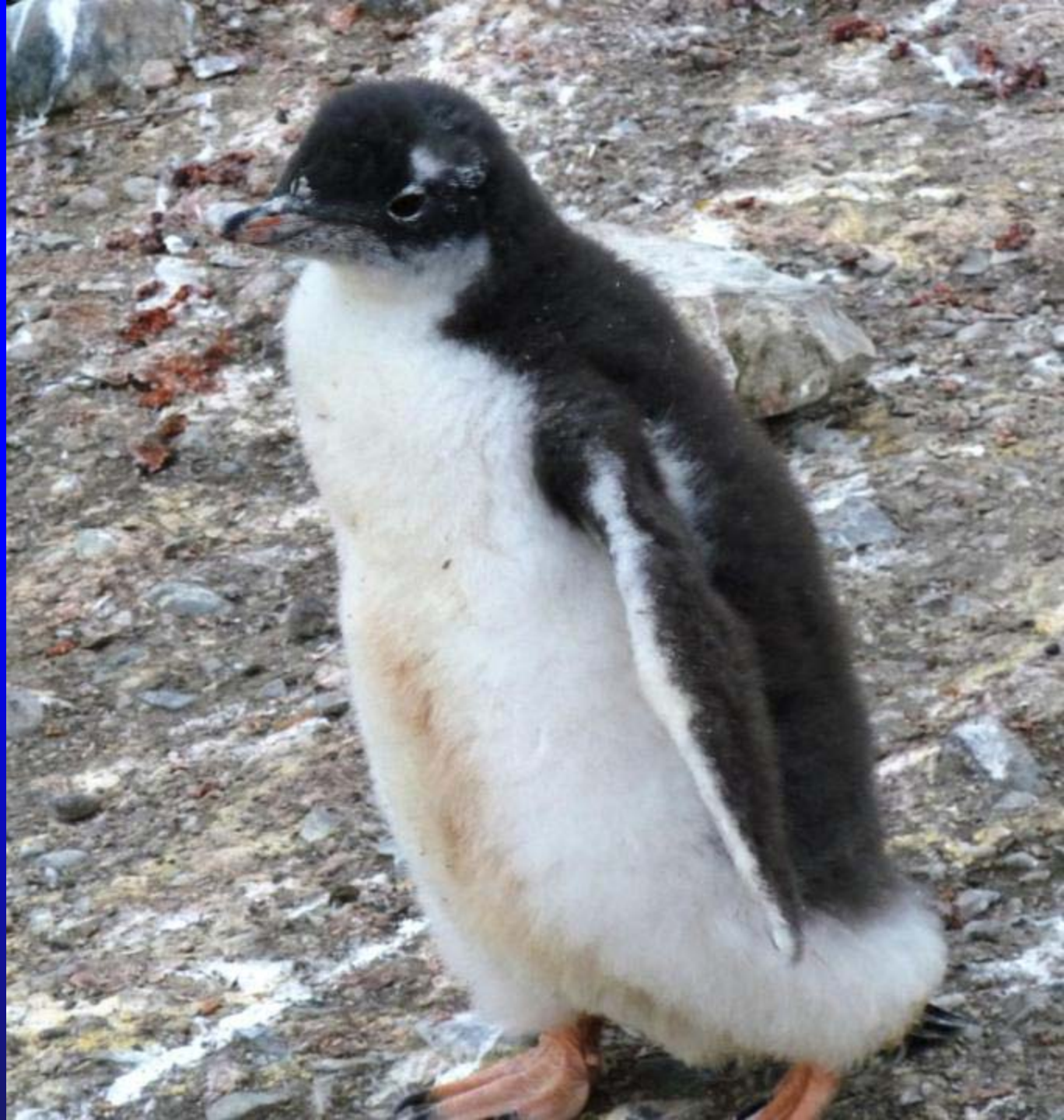




Movie 1

Movie 2

Movie 3







With chin-strap penguins



Seal colony







Hump-back whales/iceberg w penguins



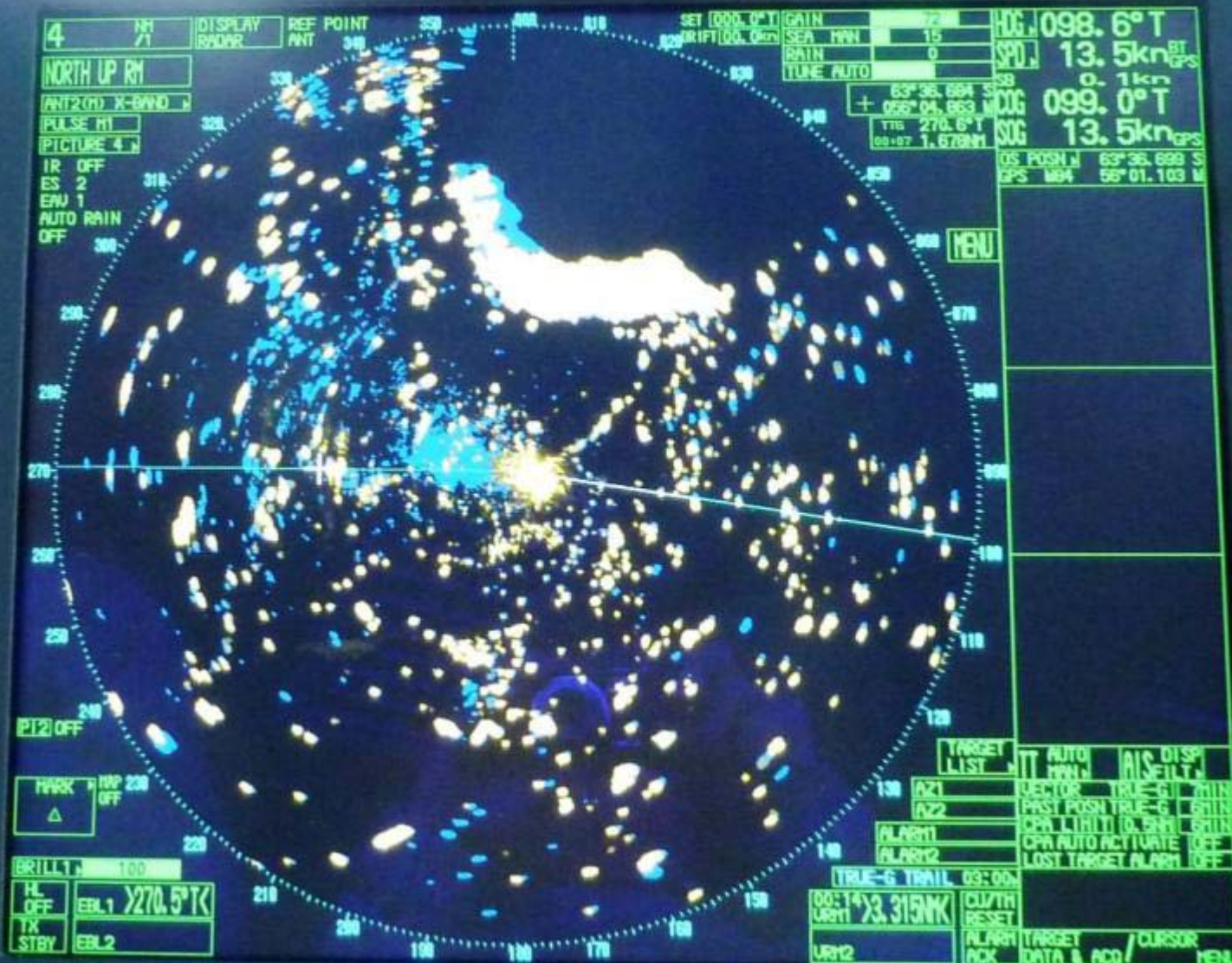




With iceberg



FURUNO





















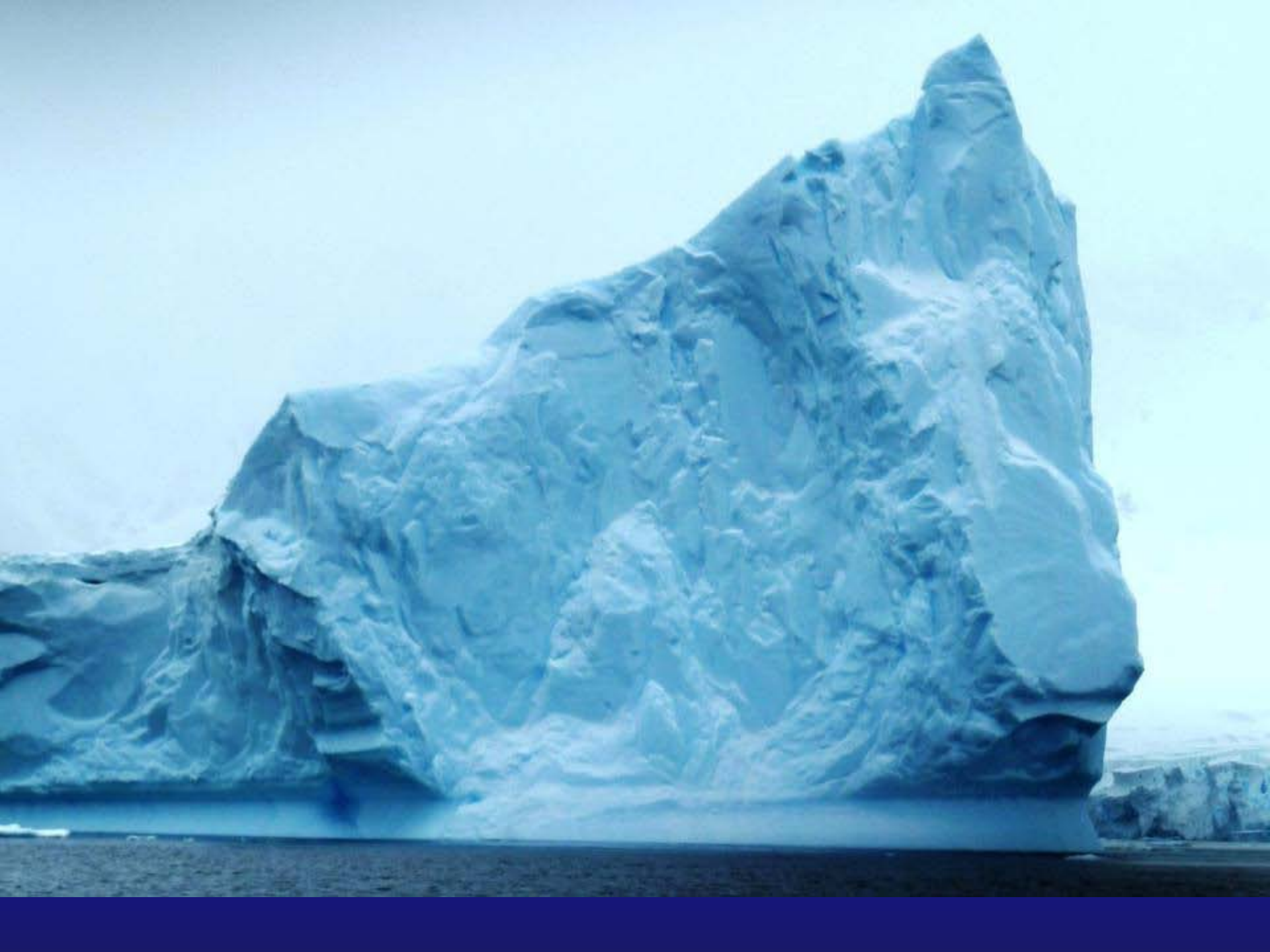










































Skua Gulls









Gentoo Penguins
(Orange beak)













Adelie
penguin









Cormorants





Penguins porpoising







Leopard seal



Fur seal











PALMER STATION
LAT. 64° 45' S LONG. 64° 03' W

1400m Lat
1150m Long
MCMURDO SCOTT
STATION BASE

SUTHERLAND

1400m Lat
1150m Long
MCMURDO SCOTT
STATION BASE

WINTER
BASE





Adelie



Chinstrap

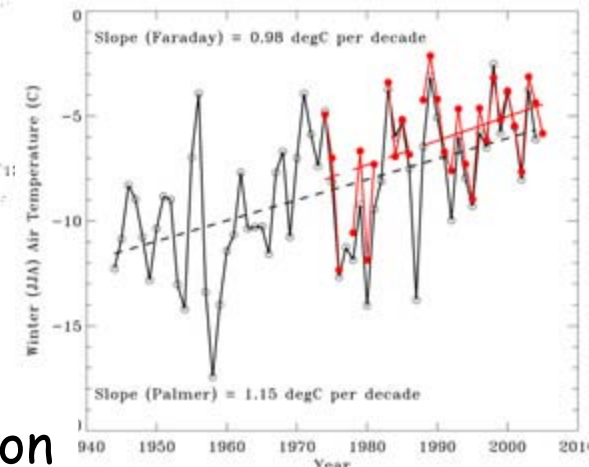
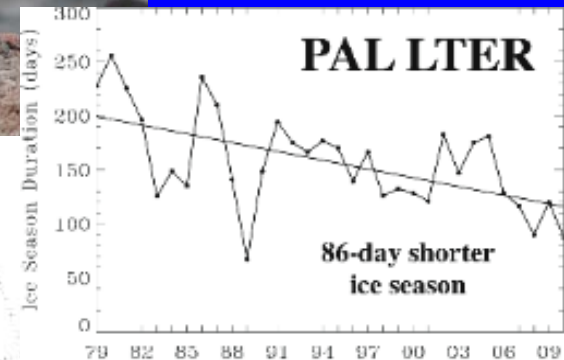
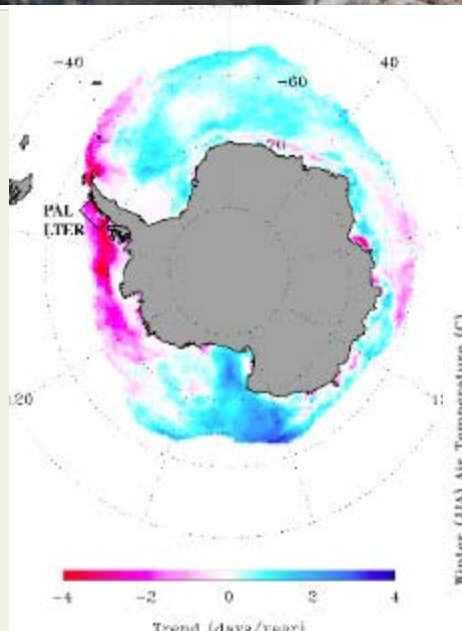
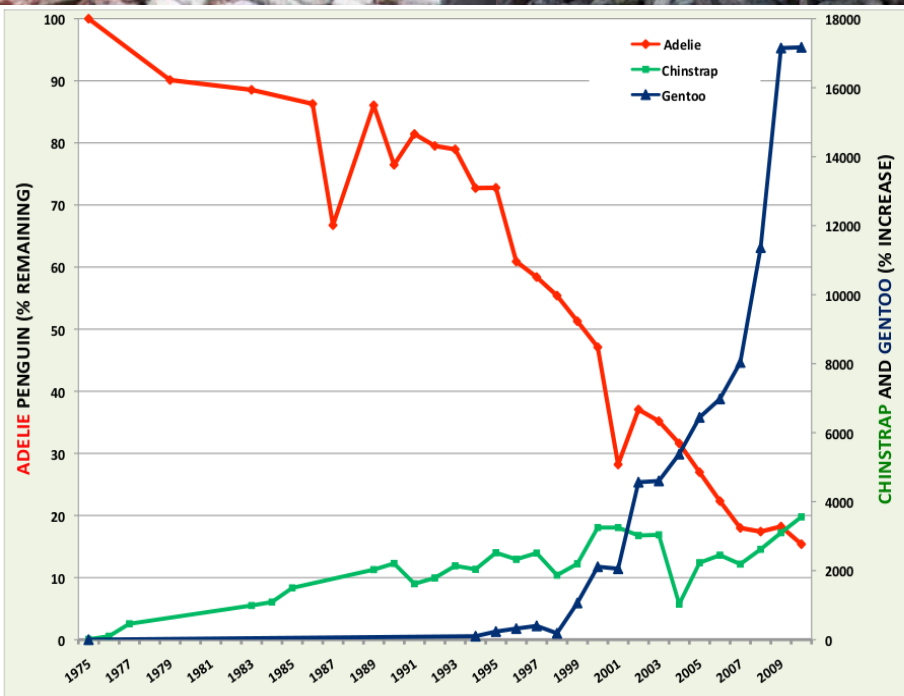


Gentoo



Palmer

- 7°C (13°F) $T \uparrow$
- 86 days less ice
- Big changes in
- Phytoplankton
- And krill
- And hence penguins



Sea ice duration



LeMaire Channel







Southern Ocean waves

Albatross



A

B

IB

S1

S2







