



IAATO Report to HCA 14



June 28-30, 2016

Tromso, Norway





* 2016 *

A remarkable year

- 1966 – First “modern” tourist trip to Antarctica
- 1991 – IAATO & Environmental Protocol





What is IAATO?

IAATO was founded in 1991, to advocate, promote and practice safe and environmentally responsible private-sector travel to the Antarctic.







- **Day-to-Day Management & Coordination**
 - Coordination & framework for Seasonal Operations
 - Liaison with other stakeholders
 - Reporting of activities
- **Program Development**
 - Environmental Issues
 - Operating procedures
 - “Problem solving”
- **External Liaisons**
 - Regulators & Governments
 - Education and Outreach



2015-16 Seasonal Statistics

Membership

- 52 Operators
- 64 Associates



In Antarctica

- Total clients 38,478
- 37,723 seaborne clients
- 286 voyages
- 47 air/cruise voyages
- 409 deep field clients
- 25 Peninsula expedition ships
- 17 Peninsula Yachts
- 4 Cruise Only vessels
- 2 Vessels operating in Ross Sea

Trends...

Since the 2014-15 Season:

- 4.6% increase overall
- 10.5% increase in landings from ships
- 37.5% increase in air/cruise tourism

Nationalities

- 35.5% USA
- 11% Australia
- 10.6% China
- 8.4% UK
- 7.4% Germany

If excluding cruise-only operations:

- 31% USA
- 15% China
- 13% Australia
- 12% UK

2016-17 Forecast



In Antarctica

- 40173 seaborne clients
- 328 voyages
- 51 air/cruise voyages
- 558 deep field clients
- 27 Peninsula expedition vessels
- 18 Peninsula Yachts
- 4 Cruise Only vessels
- 5 Vessels operating in Ross Sea

From the field - successes

- Good communications / cooperation during a very busy season – strengthened by FSC
- Good reporting from the field
- Effective UAV policy
- High profile successful ‘events’
- Good collaboration with NAPs
- Good feedback on support materials (e.g animations)





From the field - Challenges

- One of the busiest seasons to date
- Unusual ice year, impact on scheduling
- Non-IAATO visitation & activities increased
- First non-IAATO passenger ship in area since 2010.

Next steps...

- Part I – Safety
 - Application under SOLAS
 - Section A - Mandatory
 - Section B – Guidelines
- Part II – Environmental
 - Section A - Mandatory
 - Section B – Guidelines

Combination of
Goal Based &
Prescriptive
Requirements



- For a vessel to get its Polar Water Certificate, the operator must have a Polar Waters Operations Manual.
- The PWOM is based on an assessment that takes in to account their vessel, its capabilities and the anticipated conditions they will encounter.
- The assessment will set operational limitations on the vessel & any additional equipment they should carry.

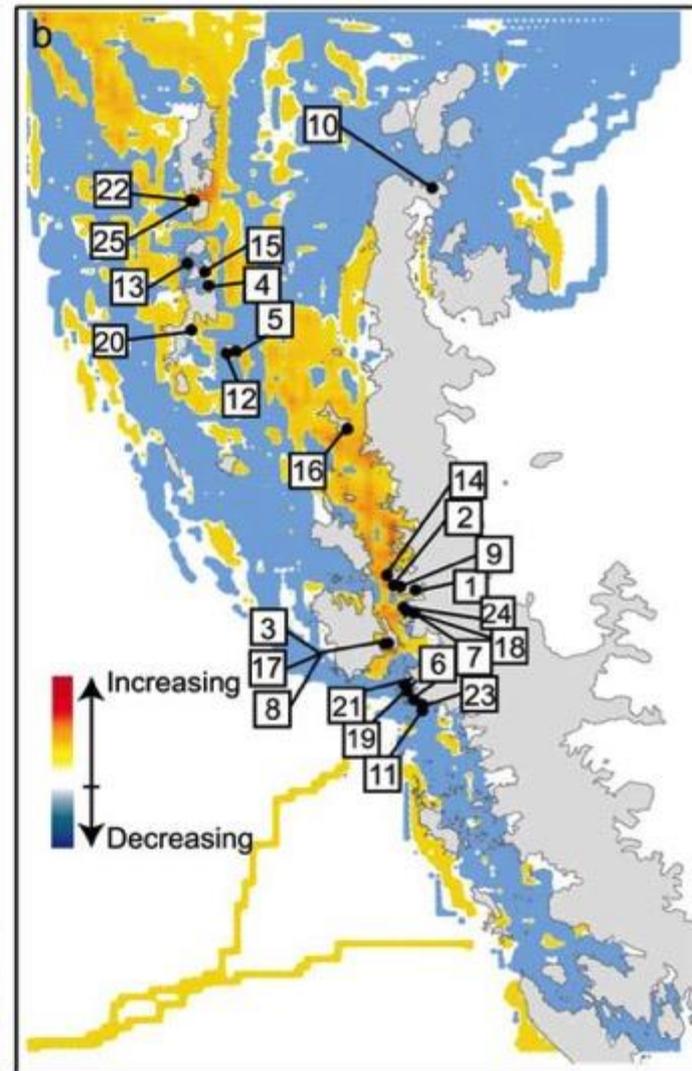
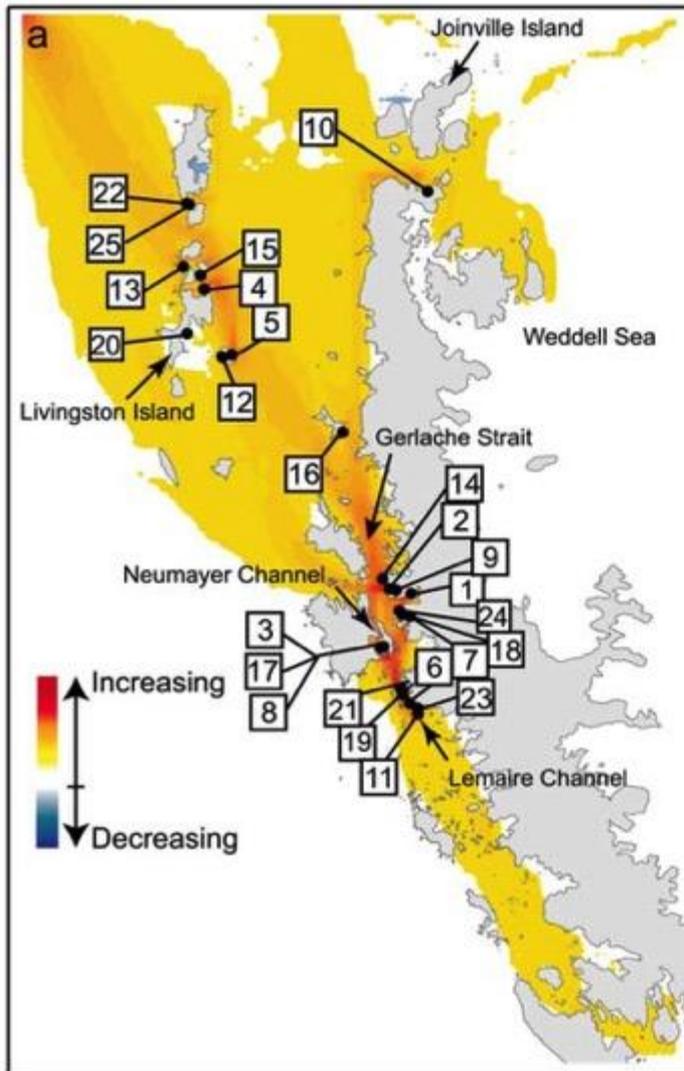


Polar Code Implementation

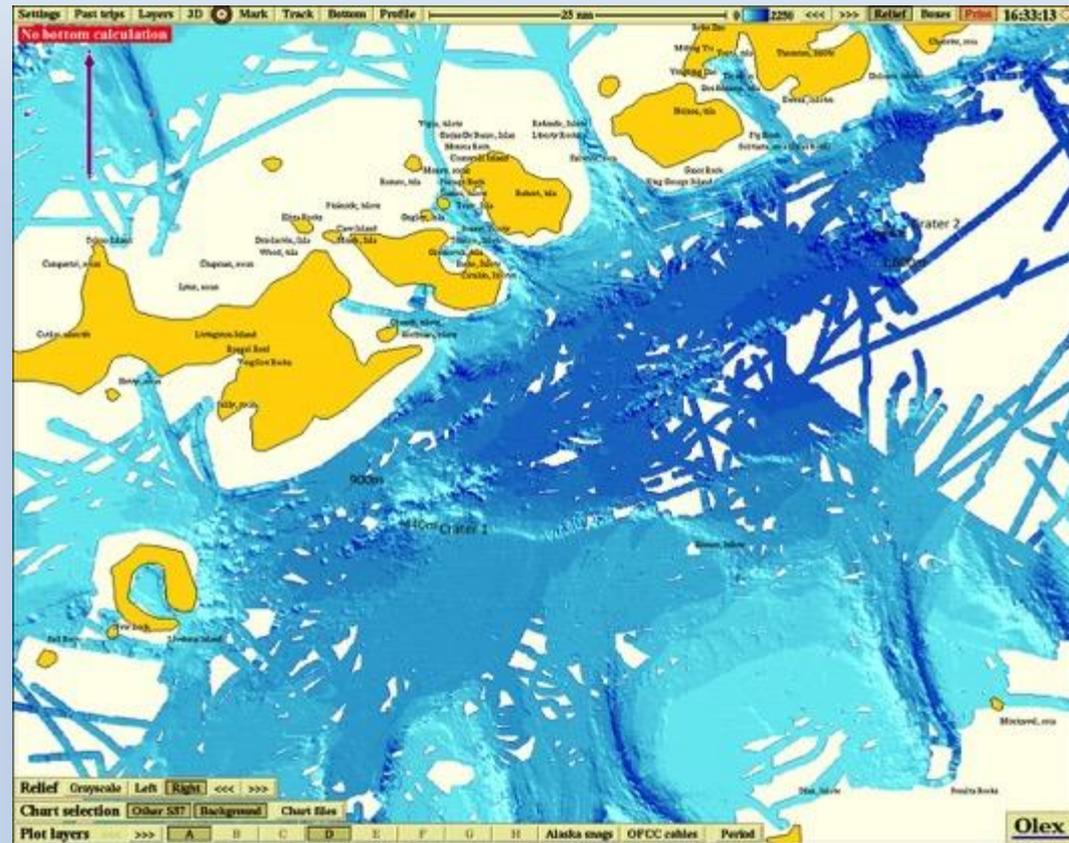
- Leveling the playing field
 - Vessel Operator Meeting, London, June 2015 in conjunction with Lloyds Register
 - POLARIS viability study – developing shared database for ice & temperature data to support individual operators assessment.

Work continues....

20 year analysis of traffic patterns



- Crowd Sourcing
 - Arctic & Antarctic
 - Doubling of participating vessels
 - Methodology includes sharing of historic data
 - Ability to “lock” data from automatic sharing





Work continues...

