

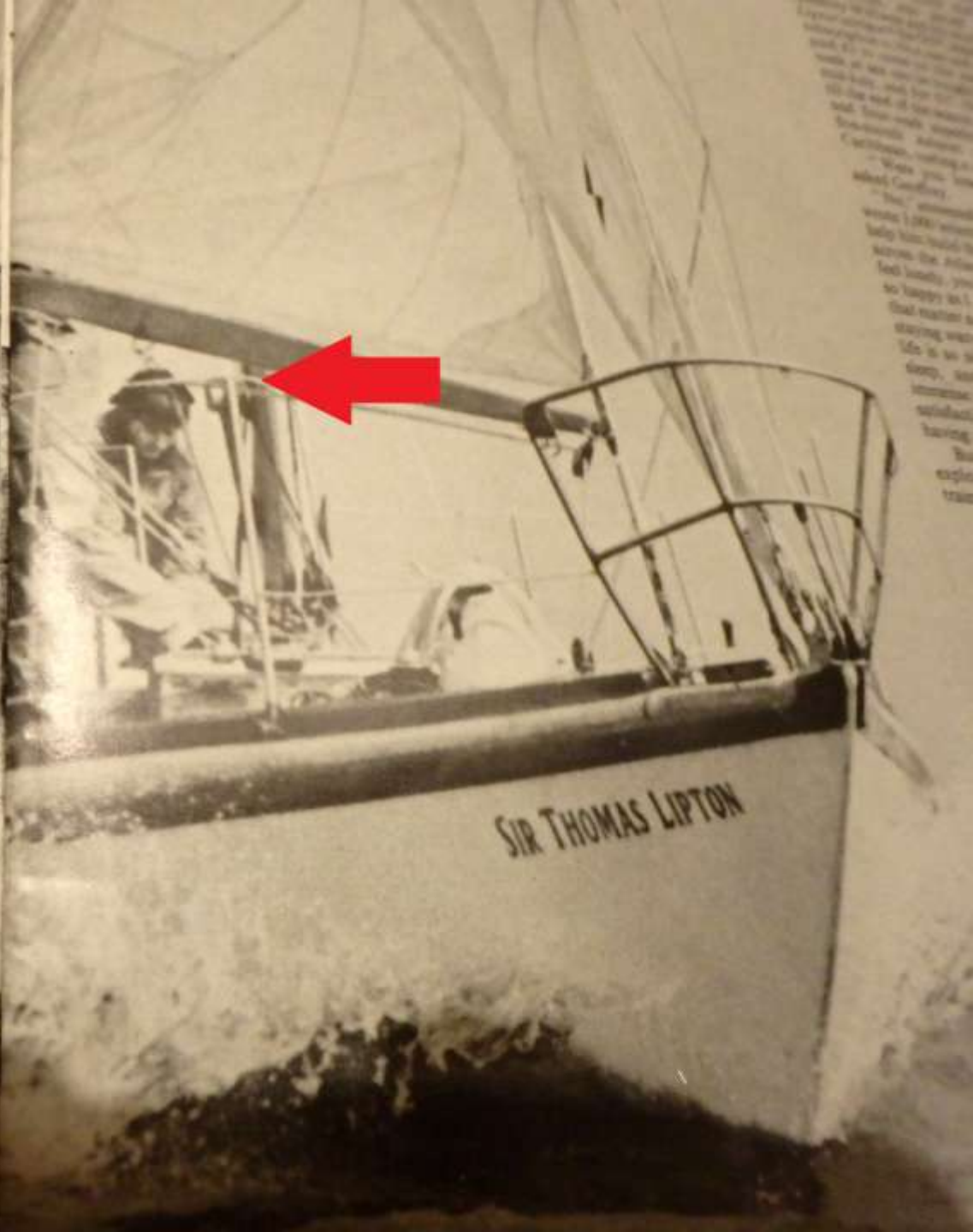
Sail Training – an opportunity to advance Ocean Literacy

John Hepburn

the Island Trust

Sail Training





Ocean Literacy

- Understanding the ocean's influence on us and our influence on the ocean



Ocean Discoverability

Day sails for children with disabilities
in Plymouth Sound & estuaries

the Island Trust

1	2	3	4	5	6	7	8	9
✓								

What do you think you got out of your day?

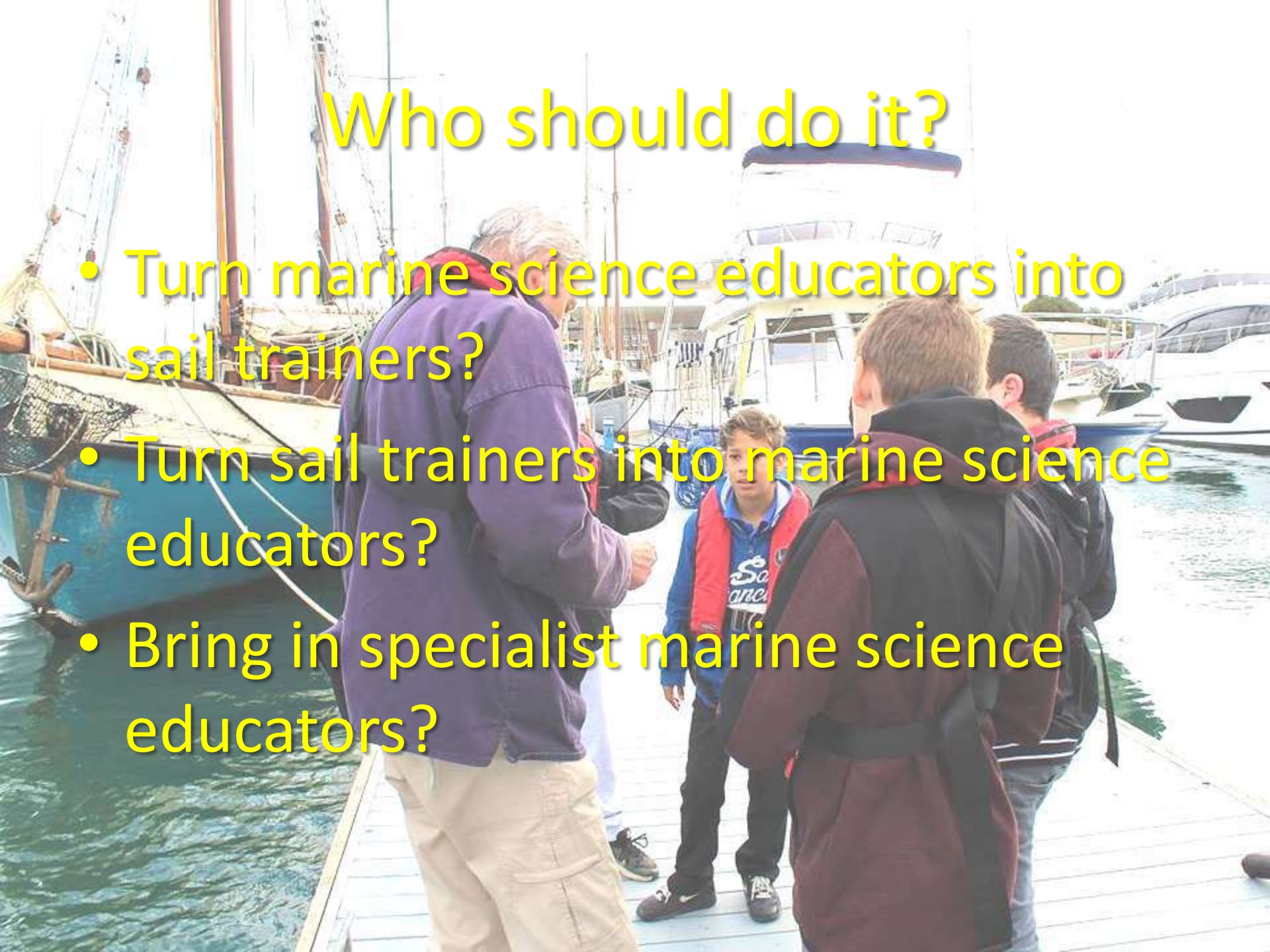
I learnt nothing!!!

Did you enjoy your day?



Who should do it?

- Turn marine science educators into sail trainers?
- Turn sail trainers into marine science educators?
- Bring in specialist marine science educators?



The way ahead?

- Toolkit of activities?
- Local assistance?
- Qualification?
- Partnership?



Association of Sail Training Organisations Conference

- Workshop



Workshop Discussions

- SWOT Analysis
 - Strengths
 - Weaknesses
 - Opportunities
 - Threats

	Positive	Negative
Internal	Strengths	Weaknesses
External	Opportunities	Threats

Workshop Discussions

- Giving existing sail training staff ocean literacy skills
- Creating a group of volunteer “third hands” with ocean literacy skills
- Having created the additional capacity use it during yacht master/sailing school/commercial sailing voyages

Use existing sea staff to deliver OL

	Positive	Negative
Internal	<p>Strengths</p> <p>Very keen to do it Staff already know how to work and communicate with young people Staff know the boat and what activities and technology will work and fit Upskilling volunteers Already have the “Right” sort of people</p>	<p>Weaknesses</p> <p>Additional burden on already heavy training load for new staff, OL possibly lower priority increasing time taken to implement Inexperience Reliance on external specialists for training Possible lack of enthusiasm Need for additional equipment</p>
External	<p>Opportunities</p> <p>Access to additional funders/funding Create partnerships Enticing Able to answer support Once sufficiently competent, could create in house training and deliver it jointly with/to similar/allied organisations</p>	<p>Threats</p> <p>Lack of time Lack of money</p>

Bring in staff to deliver OL

	Positive	Negative
Internal	<p>Strengths</p> <p>Subject matter expertise Experience in delivery techniques Sea staff will learn from the specialists Contribution to STEM delivery Additional costs more visible and measurable, strengthening funding bids</p>	<p>Weaknesses</p> <p>Uses berth which could be otherwise used by staff, or trainees Changing focus of sail training</p>
External	<p>Opportunities</p> <p>Giving marine science educators sail training experience may encourage them to become sail trainers Raising awareness of marine issues</p>	<p>Threats</p> <p>Conflict of interest for voyage and activity planning Lack of time Lack of money</p>

Deliver OL on other voyages

	Positive	Negative
Internal	<p>Strengths</p> <p>Ensures minimal effect on environment Changes attitudes and behaviour of trainees/customers Instructors are key source of knowledge Protects environment where sailing takes place helping ensure its future Helps trainees/customers comply with laws eg preventing pollution, protecting MPAs in UK and abroad Education will help reduce unnecessary legislation and legal penalties, maintain freedom of access and keep control of boating within the boating community</p>	<p>Weaknesses</p> <p>Lack of interest in OL Lack of equipment Lack of commitment from the top May distract from the syllabus Trainees may not see the point of becoming both a competent and a responsible sailor Sail trainers may need continuation training to keep up to date with OL</p>
External	<p>Opportunities</p> <p>Can be done as interstitial activity, on passage, day or night Has education value, meeting needs of YM syllabus, and school curriculum Leading by example Instructors are key source of knowledge Protects environment where sailing takes place helping ensure its future</p>	<p>Threats</p> <p>Lack of interest in OL among trainees/customers Lack of continuation training for sail trainers</p>

Workshop Discussions

- Toolkit: techniques and tales – what does good look like?
 - What must it do?
 - What would be nice for it to do?
 - What must it not do?

OL Toolkit for Sail Training Organisations

- **Must Do**
 - Marine science facts – start from basics, techniques and tales
 - ID guides – catalogue and guidance on suitability
 - Existing projects – eg Secchi Disc, iNaturalist, Marine Radar – descriptions, resources required, age/ability suitability
 - Kit and Equipment – capabilities, costs, how to use, pros and cons
 - Fun – guidance on games etc to make OL entertaining
 - Blue economy and careers – basic knowledge
 - Contacts – who does what and where
 - Relevant to trainees after the voyage
- **Nice to Do**
 - Things to do on a rainy day
 - Put resources, eg copy of Island Trust OD guide, on ASTO website
- **Must not Do**
 - Take too much time
 - Be too big

Workshop Discussions

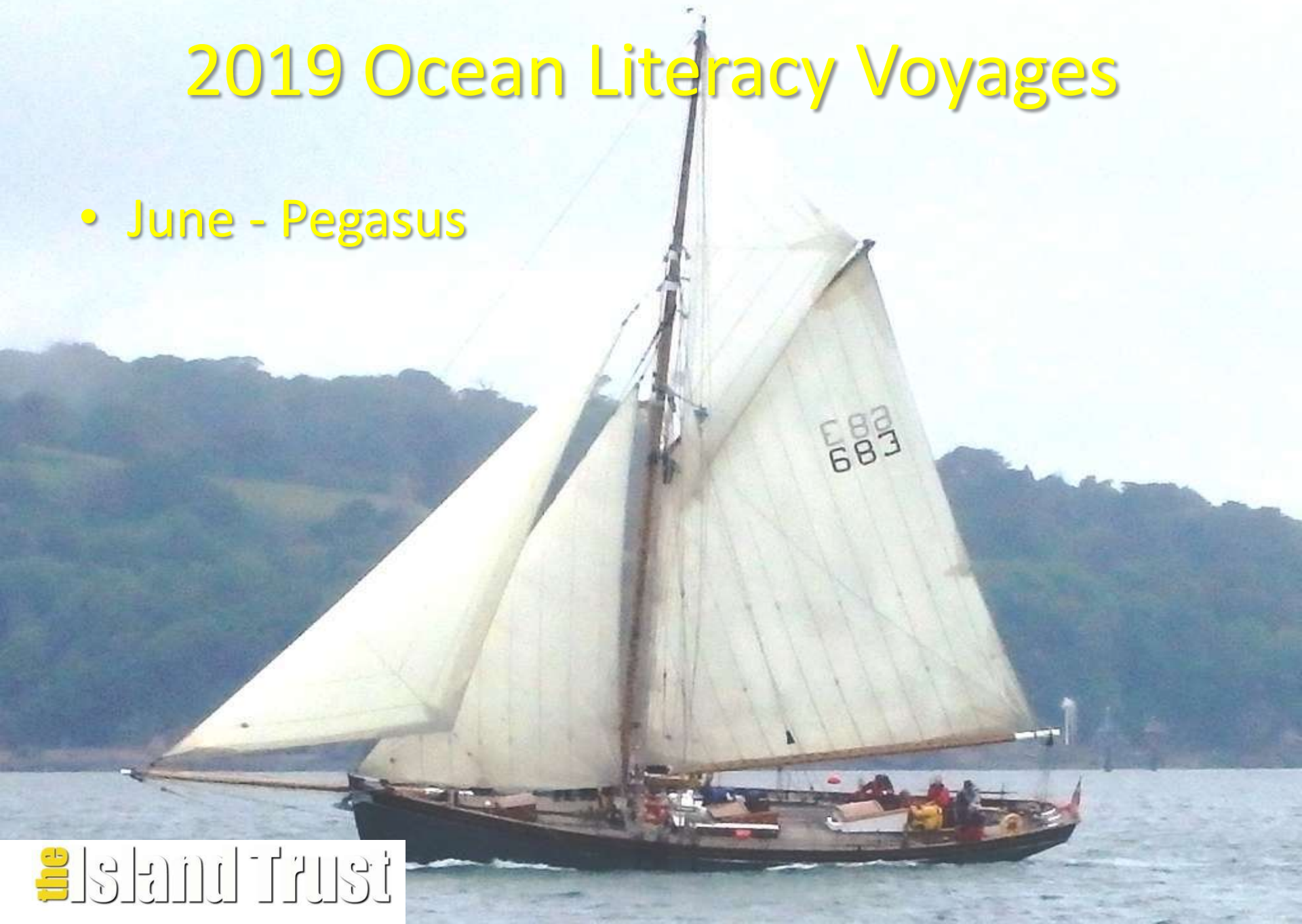
- Money
 - How can we fund creating this capacity?
 - Can we make money out of the capacity?

Money

- **How can we fund creating this capacity?**
- Need to be clear on outcomes—elevator pitch, project plan, social responsibility, blue economy
- Universities looking for projects they can apply for funding for, and have staff looking for opportunities
- Heritage Lottery Fund
- Erasmus
- Rich people (but not only!)
- **Can we make money out of the capacity?**
- Yes, but for specific purposes, eg training staff.

2019 Ocean Literacy Voyages

- June - Pegasus



Things we might do on an Ocean Literacy Voyage

- Snorkelling
- Rockpool safari
- Seeing what lives on marina pontoons both in situ and under the microscope
- Putting an underwater camera on the seabed
- Plankton trawling and looking at what we find under the microscope
- Identifying and recording what we see in a wildlife log and online
- Keeping a record of maritime activities
- Beach Cleaning
- Meeting those employed in the maritime sector
- Secchi Disk observations
- Sustainability on board
- Art activities
- Lobster potting

Ocean Literacy for Sail Trainers Course

- One day
- Headed by MBA
- At Mount Batten Centre
- 30 March 2019
- But!
 - Undersubscribed
 - Too late
 - Too little notice
 - Too expensive



Volunteer On Board Ocean Educators

- Marine environment
- Maritime activities
- Useful on board
- University?



CWT Your Shore Conference

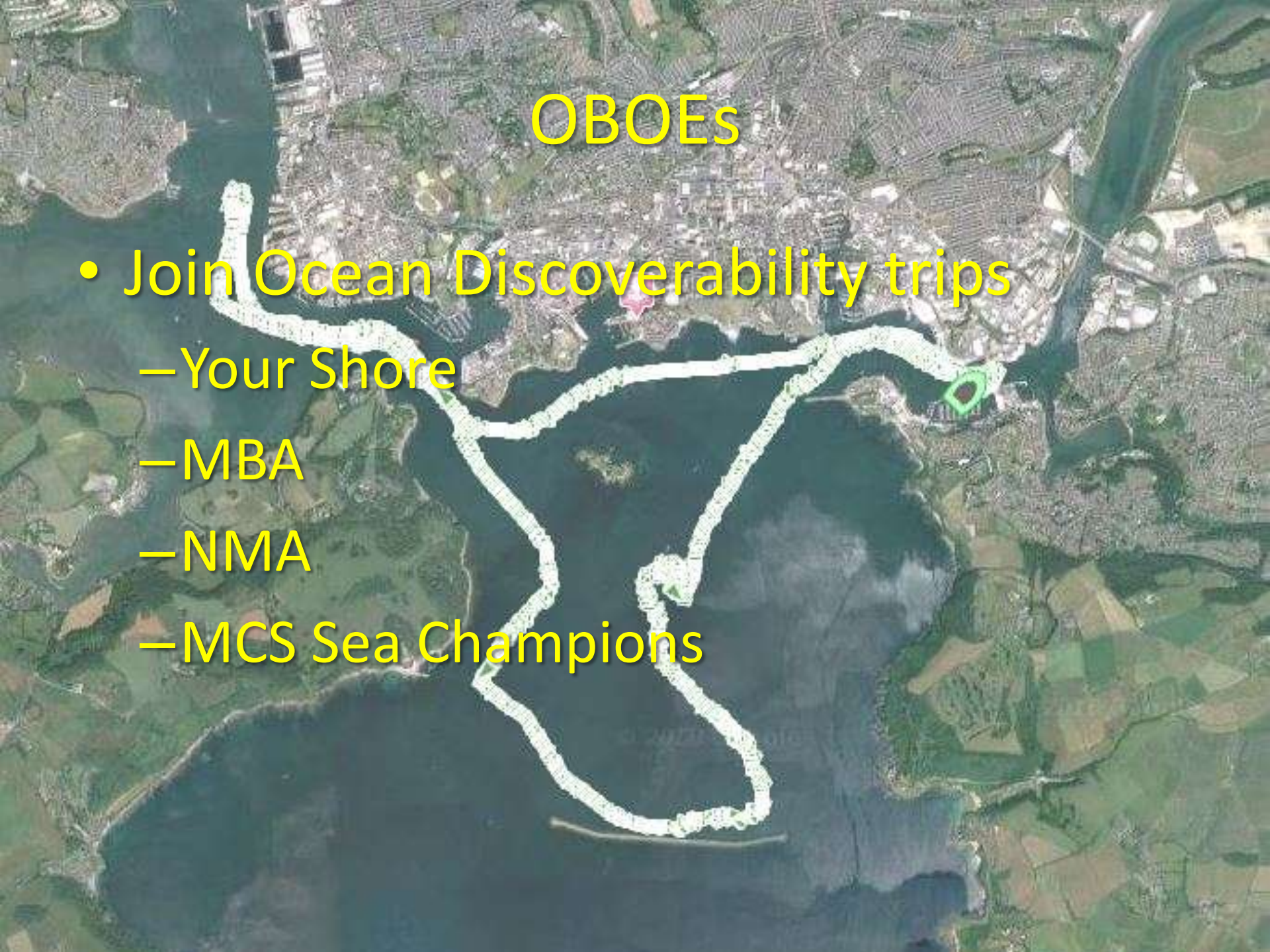
- Would local groups welcome STVs?
- Could we “poach” Beach Rangers as OBOEs?



Photo: Your Shore Beach Rangers

OBOEs

- Join Ocean Discoverability trips
 - Your Shore
 - MBA
 - NMA
 - MCS Sea Champions







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