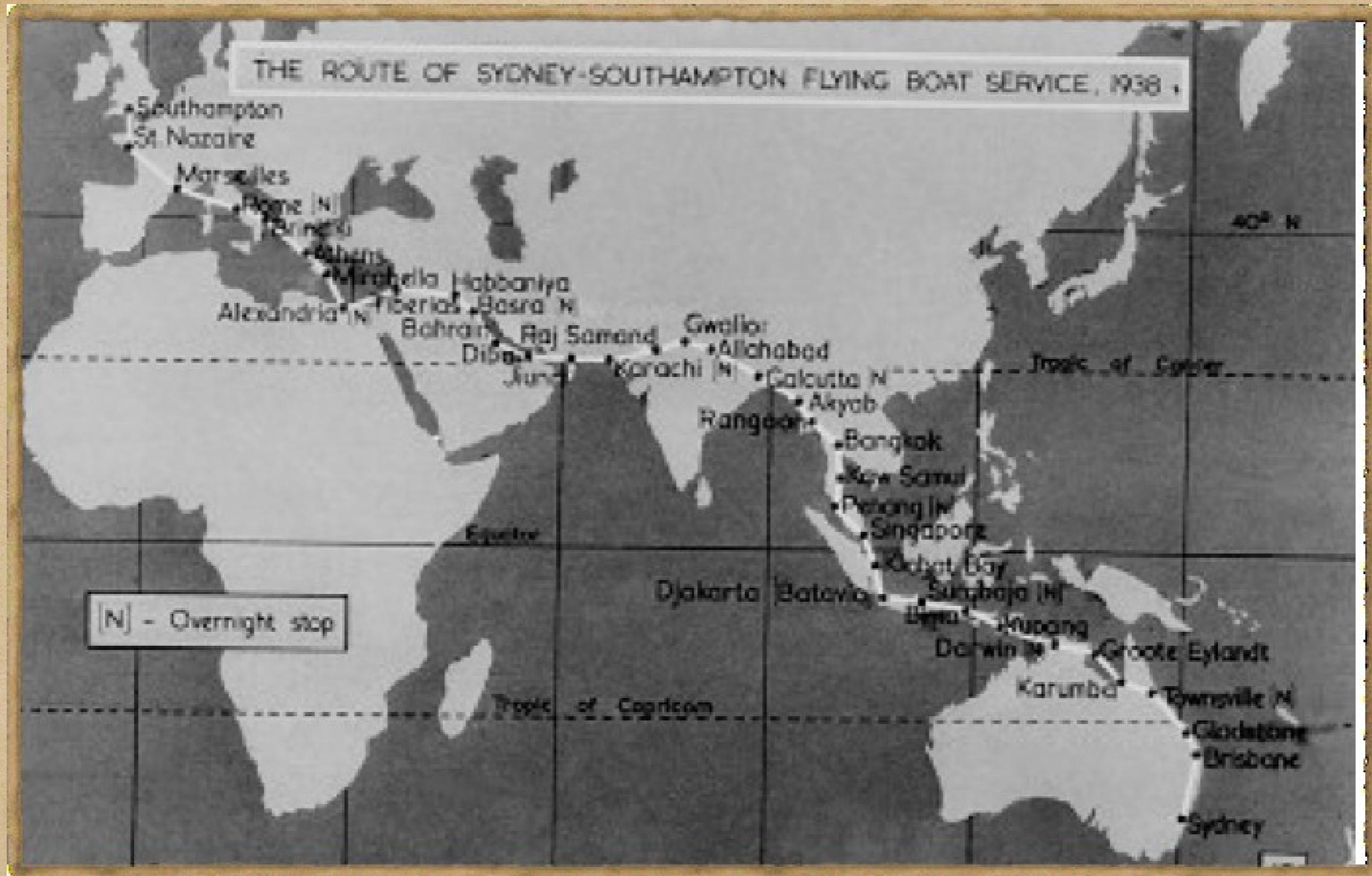


Southern Sun

Melbourne to London
following the 1938 Flying Boat route



1938 route used by Qantas Imperial Airline

Trip Start
Apr 10, 2015

1

30

Trip End
Ongoing

Hide lines

Show entry



2015 Southern Sun route thus far

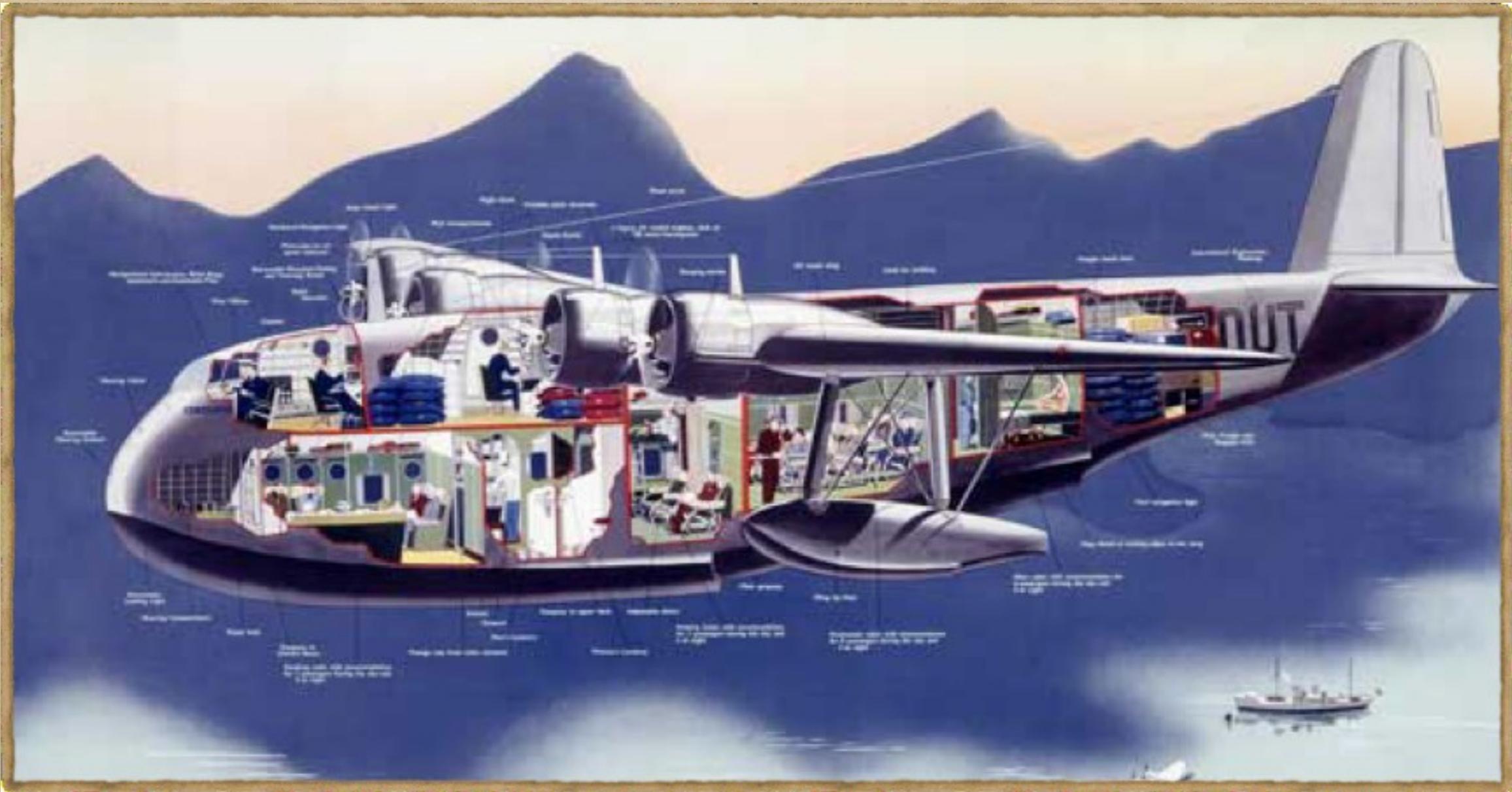


Searey LSX - N473XP
Built by factory in Florida .2012

A little bit about me...

- Private pilot, started mid 90's, VFR, land and sea.
- Sailed and competed yachting since a teenager.
- Design and construct cinemas for clients around the world.
- Own and operate "Sun Theatre" cinemas in Australia
- Produce short documentaries
- Love to travel and explore, usually with my family.







Searey Amphibian

- Progressive Aerodyne
- Available as a kit for 20 years
- Factory in Orlando, Florida
- Now available as an LSA factory built
- Over 500 flying
- Kit price \$30,000
- Factory built \$150,000



Searey stats

- MTOW 810kgs, normal ops 750kg, ferry take off 810kg.
- Standard Searey 650kgs
- Carbon fibre hull, aluminium frame and spars, stits flying surfaces
- TOTAL 290 litres fuel
 - 180litres built in tanks
 - 60litres built in bladder
 - 50litres ferry bladder
- Max 14 hour range



Searey stats

- Rotax 914 (turbo)
- Cruise speed 80-85 knots
- Max altitude appx '12500
- Take off 200-300m land,
300-400m water
- 2seats



Trip stats - Fuel

- Rotax uses MOGAS or AVGAS
- Approc 80% MOGAS
- MOGAS between 91 and 100 octane, most .93-95
- Cheapest MOGAS 50c/litre
- Most expensive AVGAS \$6/litre
- Average \$1.50/litre
- Total fuel burnt XXXXX



Trip stats - Airports

- Most airports require handling agents
- Cheapest total cost Penang - \$30
- Most expensive cost Dubai - \$2500
- Average cost - \$500
- Friendliest and best reception - HAIFA!



Trip stats - flights

- Shortest leg - 3.1 hours
- Longest leg - 10.8 hours
- Average leg - 6-7 hours
- In flight catering: muesli bars, nuts, apples, water
- Hand flying all the way
- All flights VFR, but since Australia controlled as if IFR.



Flight stats so far...

- Burnt 2985 litres fuel
- 35days away
- 24days flying
- 144.2hours flying
- Average 20.7 l/h
- Average flying 6 hr / day



Original Stops available for water operations

- Rose Bay, Sydney
- Norman river, Karumba
- Groote Eyelandt, NT
- Klebat Bay, Indonesia
- Equator!
- Dubai Creek, Dubai



Generosity of Strangers

- In Outback Australia people just lend you their cars!
- In Patna the handler drove me around town on the back of his motorbike looking for local food.
- In Karachi when my taxi broke down and no others were around, a local drove me 45 minutes to my hotel.
- Handlers have had to "bend the rules" often to get me MOGAS.
- In Israel Yigal has worked for weeks on getting my ASOC clearance.



PEIL

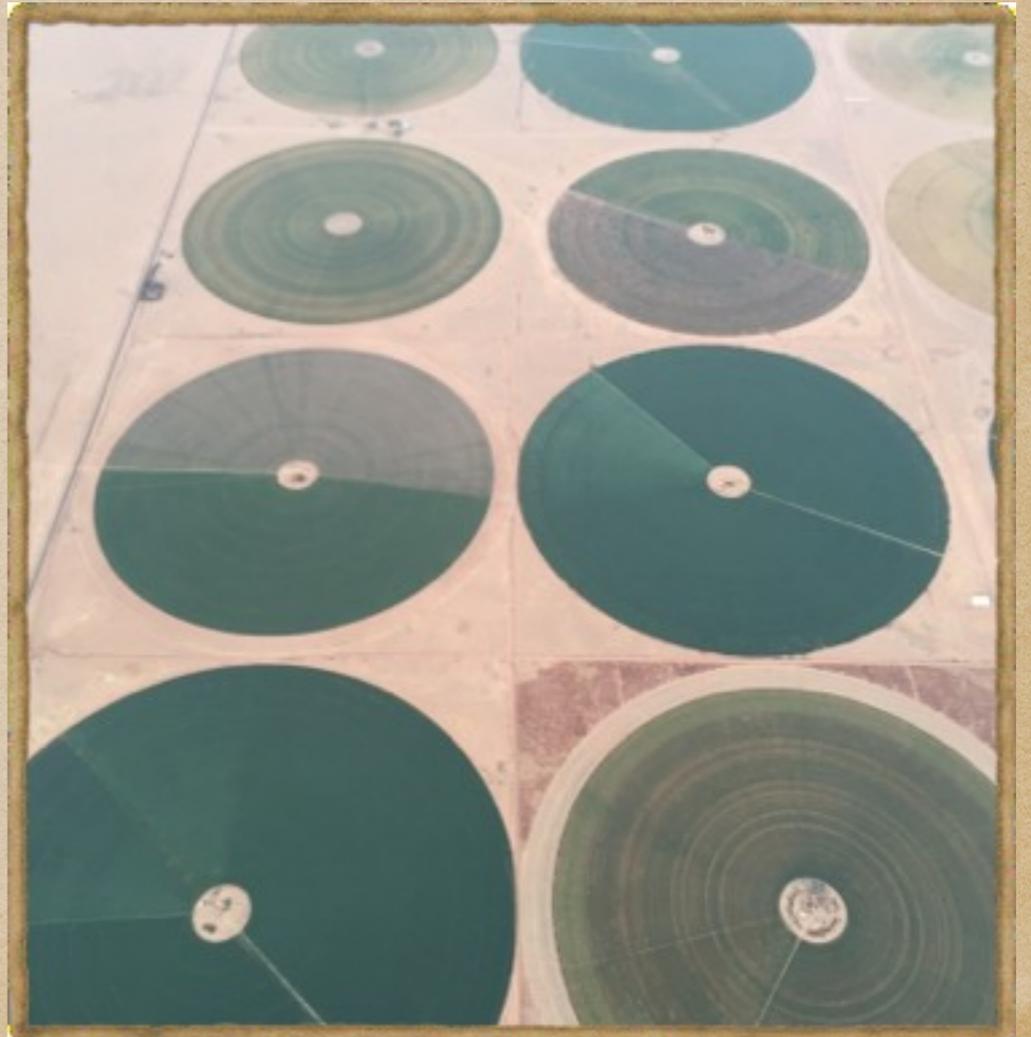
Paperwork Efficiency Inverse Law

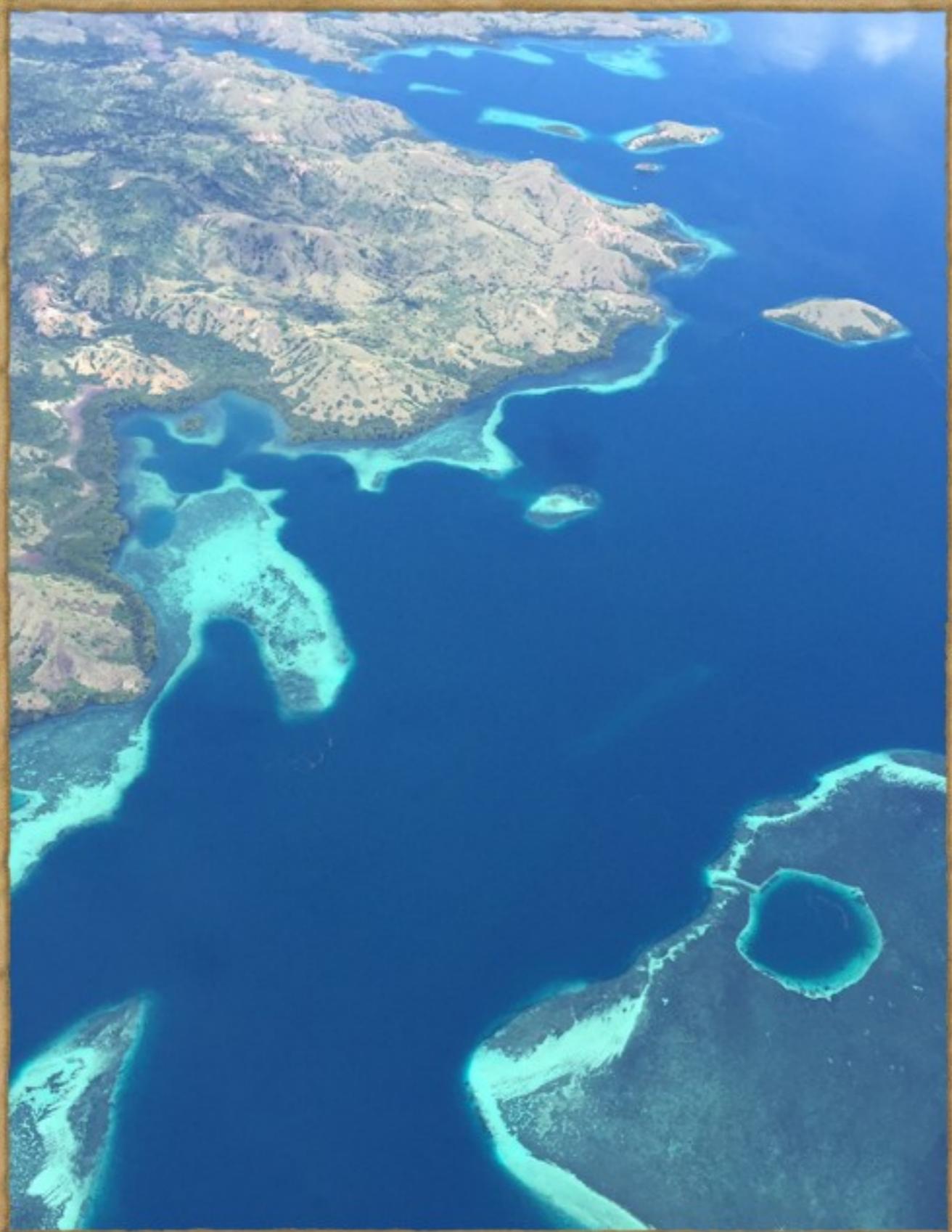
- The more paperwork and rubber stamps required, the less efficient the country.
- Often several pieces of paper need to be stamped by several different people, and it is hard to believe this actually gets saved or goes anywhere.....
- In India had to make boarding passes for me to get to my plane!

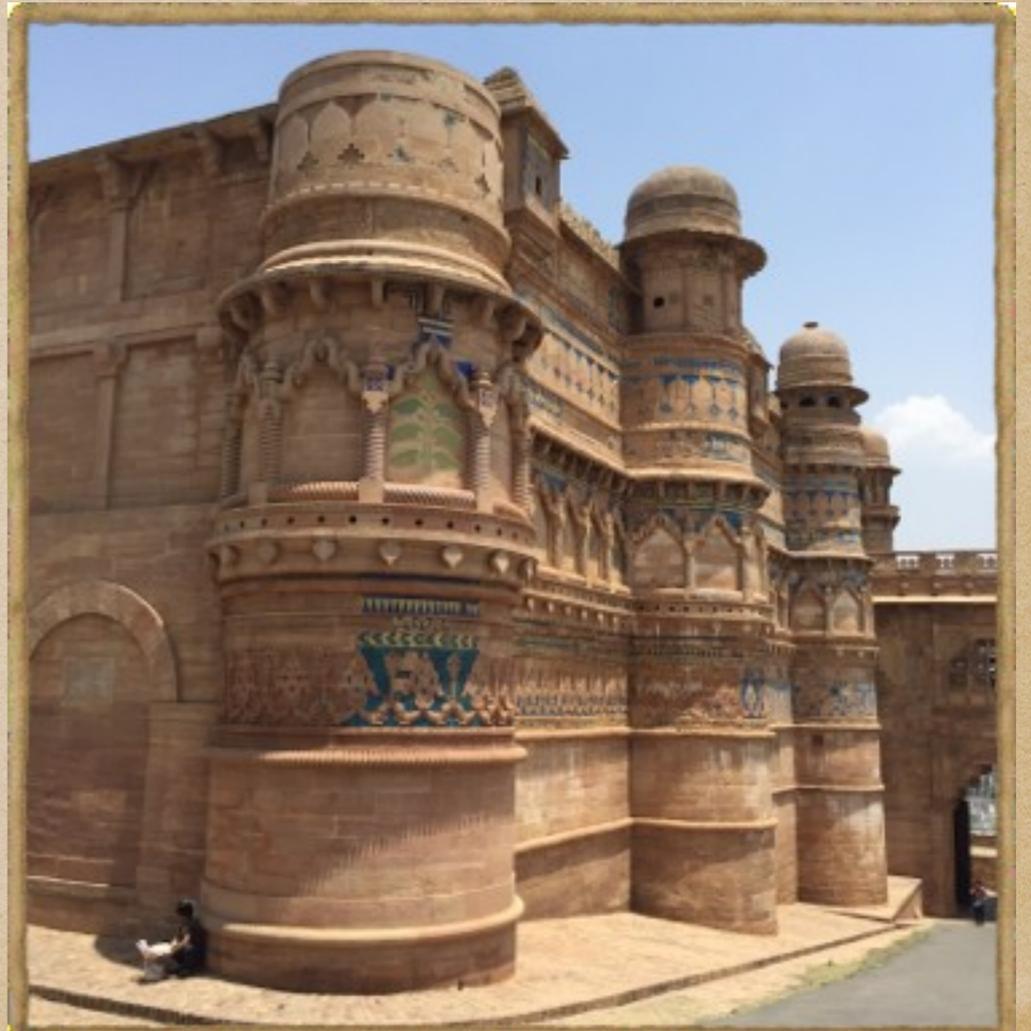


THE ROUTE OF SYDNEY-SOUTHAMPTON FLYING BOAT SERVICE



















Imperial Airways
Sea of Galilee, 1938