

Tonga Maritime Greenhouse Gas (GHG) Emissions Talanoa

8 October 2021

Education - the foundation of transition

Dr Peter Nuttall

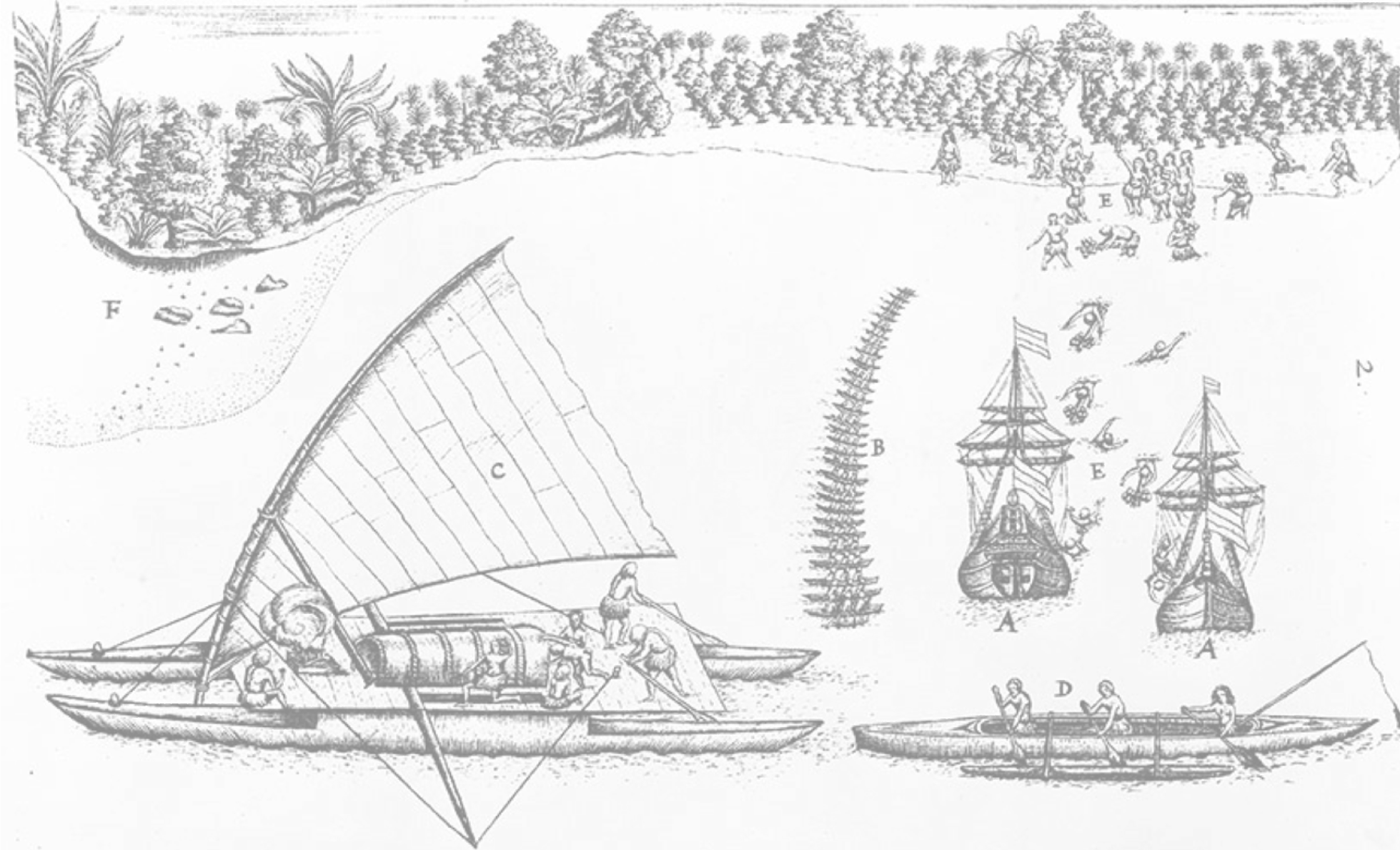
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Alison Newell

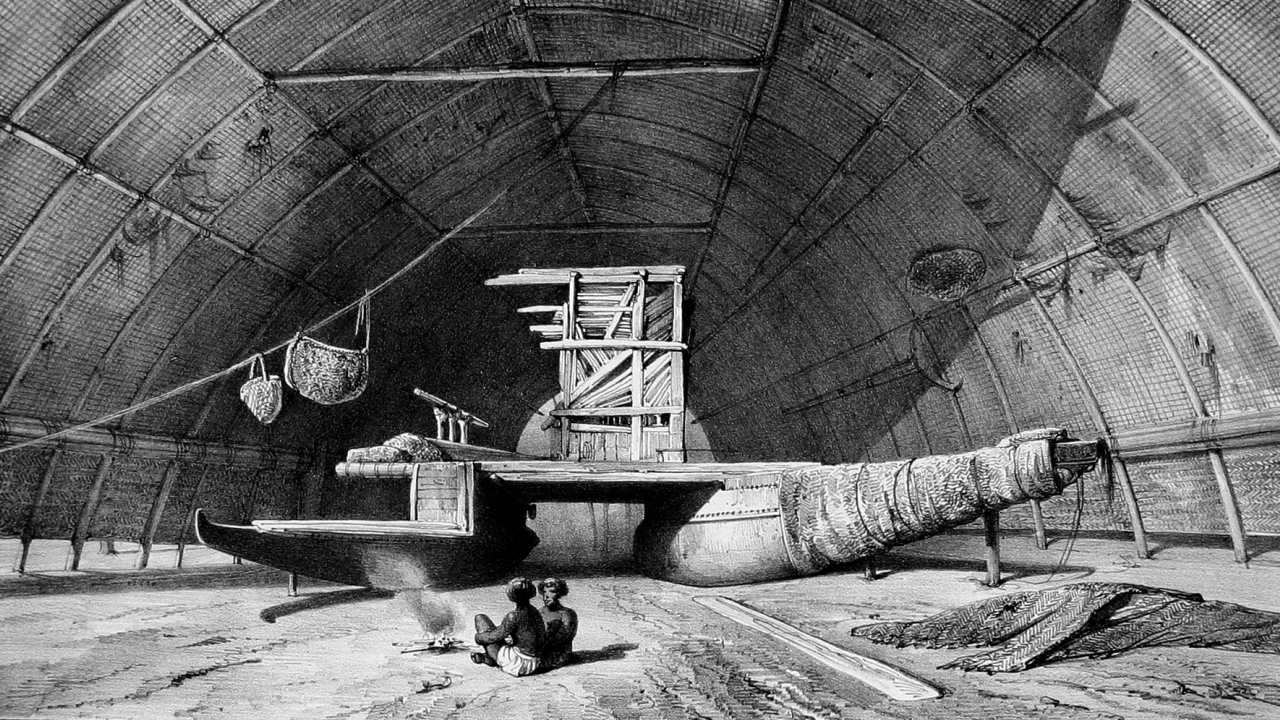
s4sfiji@gmail.com



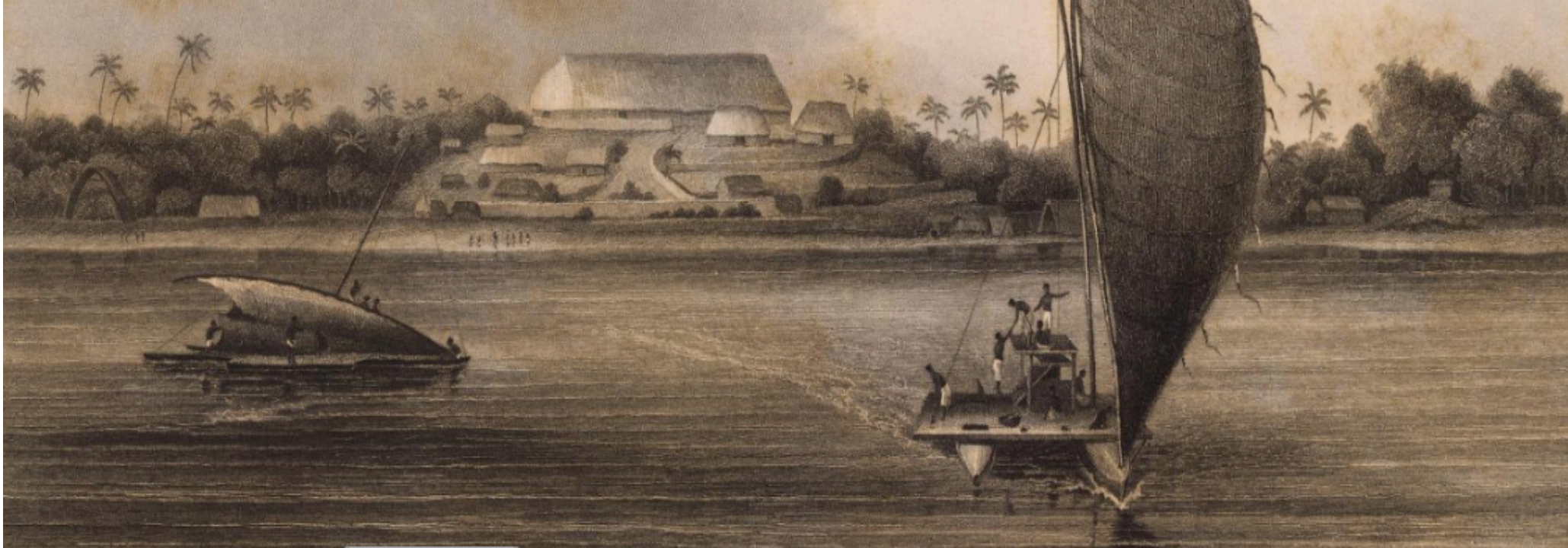
Image credit: Tongan Voyaging Society



**Tongatapu in
January 1643**



Nuku'alofa 1845





In May, 1862, I visited, on a trading expedition, the South Sea Islands—my first port of call was Nukalofa, in Tongatuba, one of the Friendly or Tonga Islands. It is a curious thing that the geography of the South Sea Islands is as little understood in Australia as the geography of Australia is understood by Europeans—all seem to be confounded as the Fijis. The Fiji, the Tonga, and the Navigator group are distinct groups, the inhabitants of a

At the time I visited Tonga there was a great feast, or (Tongeese) "fackataw," being a great gathering of all the chiefs, their people, and retainers, to meet in parliament for the revision of the laws. At this feast some 30,000 strangers (to Ton-

<http://paperspast.natlib.govt.nz/cgi-bin/paperspast?a=d&cl=search&d=ODT18640315...>

Papers Past — Otago Daily Times — 15 March 1864 — TRIP TO THE SOUTH ISL... |

gatabu) assembled, and for a year previous preparations were made for their reception. As these visitors brought nothing whatever with them, and remained for six weeks, the hospitality of the residents was taxed to a large extent, and most liberally did they provide everything—presents, luxuries, provisions, &c. During my stay,

fact. At first, a small speck in the horizon indicated a canoe, and soon another, and another followed, till 49 in all were visible. These canoes are from one hundred to one hundred and forty feet long, and carry from two hundred to four hundred people each; they are double, with a deck and house or houses, and with one enormous sail, scud along at twenty miles an hour. These canoes are wonderful pieces of naval architecture; they are made of different pieces and jointed together in a most curious fashion, with so close a joint as to be hardly perceptible, and not a nail being used in any part; they are sewn with signot, made from the cocoanut, on the inside, the outside presenting a smooth and polished surface. These 49 canoes came bounding along with their living freight like racehorses, and arriving at a certain point a royal salute greeted them.

Crisis on Vava'u as fuel runs out

BY: Loop Administrator
12:13, September 20, 2016



PACIFIC / TONGA

Tonga's Vava'u running on empty

2:41 pm on 15 September 2016

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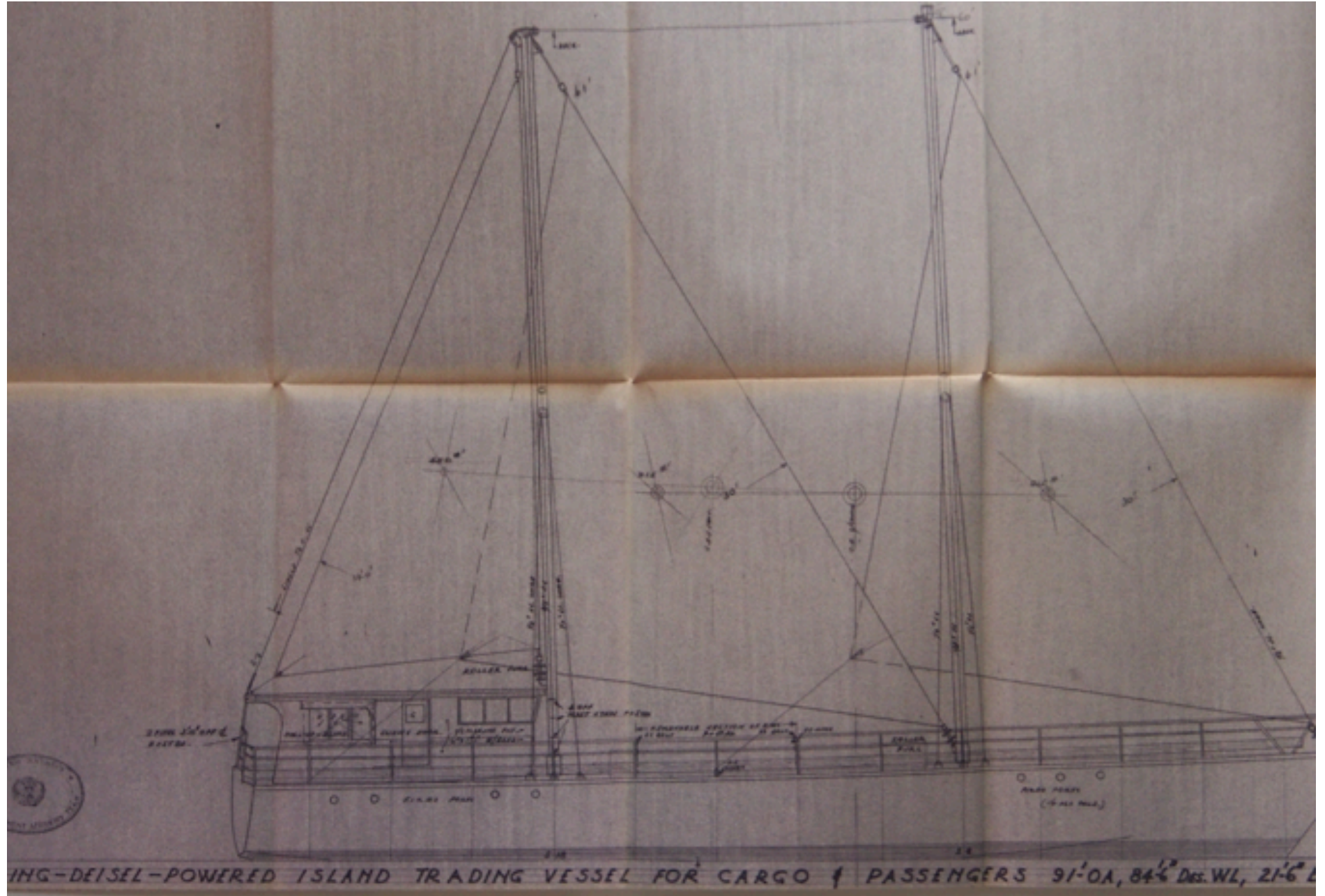
Tonga's Vava'u island group has run out of fuel forcing the northern group's important tourism industry to turn people away.

Ha'apai Trader

1982-85 UN agency studies to find energy efficiency transport option for Ha'apai.

Recommended small government freighter and network of trading catamarans.

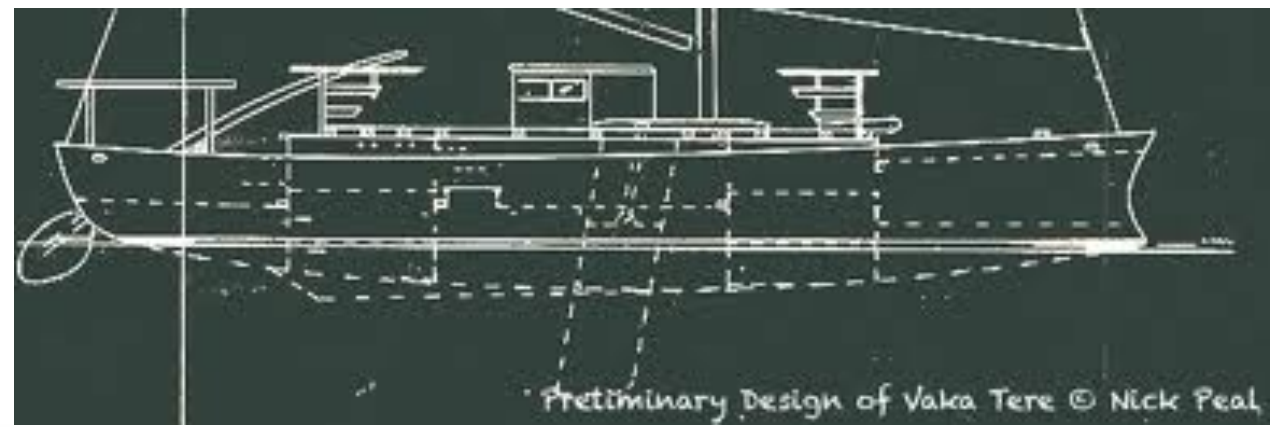
UN/ADB commissioned build design plans for 92' freighter sail/diesel auxiliary carrying 30 tonne and 30 pax.





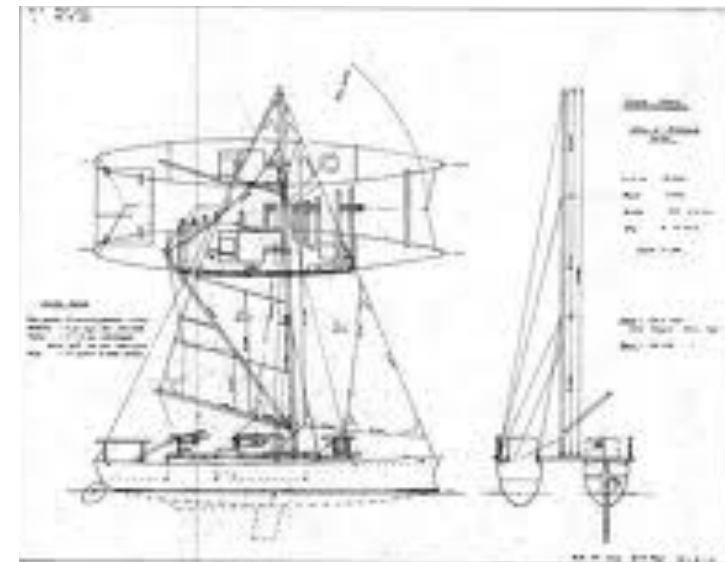
Vaka Fanāua





- Power: 10 kW
- Battery: 15 kWh Li-ion

- Speed: 9 km/h
- Weight: 10 tons





Milemiume

USP, Swire Shipping and MCST Project Cerulean to Build a New Class of Low-Carbon Cargo Sailing Vessel for the Pacific

22 Jun 2021



Photo credit: Initial Design © VPLP Project Cerulean prototype



Pacific Climate Change Knights win spurs in IMO
#1.5tostayalive #100%<2050



That the past is ahead, in front of us, is a conception of time that helps us retain our memories and to be aware of its presents. What is behind us [the future] cannot be seen and is liable to be forgotten readily. What is ahead of us [the past] cannot be forgotten so readily or ignored, for it is in front of our minds' eyes, always reminding us of its presence. The past is alive in us, so in more than a metaphorical sense the dead are alive - we are our history.

– **Epeli Hau'ofa**



Malo



