

Challenge I: Hawai'i to Rapa Nui

How will you stay on course?



Crew Names:

Team B2

Adam
Annie
Brian
Miranda
Stephanie
Anfernee
Brenda
Carmen
Mjaye
Justin

Team B3

Alison
Daniel
Clarissa
Richard
Brendan
Matthew
Amy
Jordan
Sid

Vessel Name:

The Commodore Sloat Elementary Canoe

**Date/season of
embarkation:**

Late morning, November 5, 2008 (Late Fall and
early winter)

**Distance of voyage in
nautical miles:**

4700 Nm

**Expected length of
journey:**

Approximately 26 to 30 days (about 3 to 4
weeks) traveling with the average rate of 6.7 to
8.3 knots

General description of route:

Step	Latitude	Longitude	Direction	Distance
Start	20°N	155°W	East (Hikina)	0Nm
1	10°N	140°W	Southeast (Malakai)	1100Nm
2	10°S	135°W	Southeast (Malakai)	1500Nm
3	20°S	125°W	South (Hema)	1000Nm
Stop	27°S	109°W	Arrive at Rapanui	1100Nm

Methods of navigation:

Day:

Sun and moon (Nov 5 - 19)

Ocean swells.

Land mark: Marquesas Island.

Night:

Moon (Nov 5 - 19)

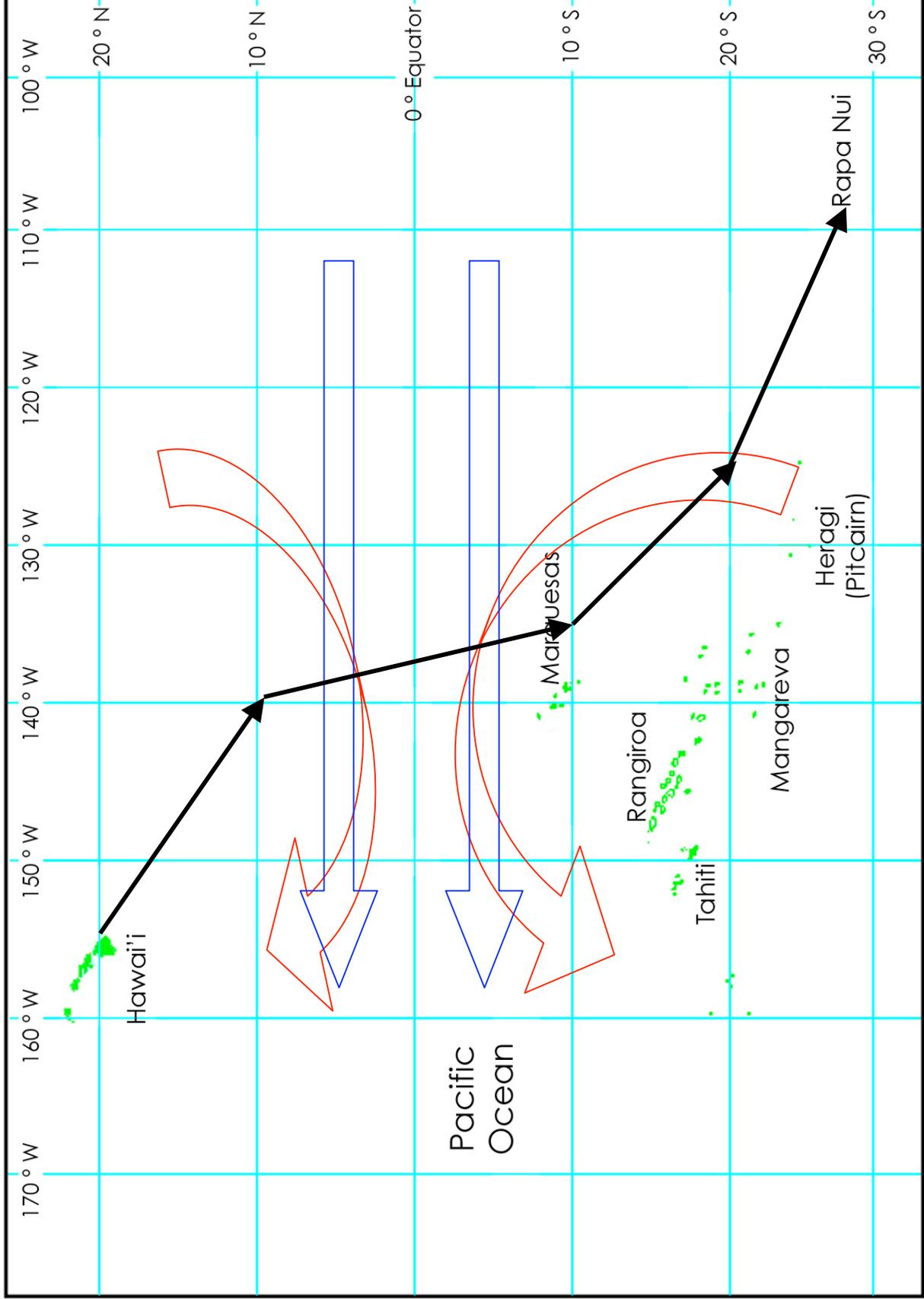
Stars: Pegasus, Enif.

Winds (marked in red on map)

Current (marked in blue on map)

Other considerations:

We planned to not stop at Marquesas Island because the winds and the currents are good with the speed approximately 20-25 knots



Navigation Plan Map: Hawai'i to Rapa Nui