

# Ripple Rock Squadron

## ***Global Weather***

Prerequisite:	None
Date:	TBA
Time:	1830 to 2130
Duration:	1 Evening a week for 8 weeks
Location:	St John Ambulance Centre on Dogwood Street at 2nd Avenue
Cost:	\$130
Instructor:	TBA
Contact:	Ed Falstrem; 250 923-3333(w) 250 923-7398 (h)

Email the Commander: [s.v.xoros@telus.net](mailto:s.v.xoros@telus.net)

### **Course Description**

The Global Weather Course is designed for those who wish to make ocean crossings or for the student who would just like to gain a more in depth knowledge of meteorology.

**Global Weather consists of six chapters, some highlights of which are shown below:**

- **Equilibrium in the Atmosphere**, explains stability, instability in detail and the effect of atmospheric adiabatic vertical temperature profiles.
- **General Circulation**, covers terrestrial wind circulation, El Nino, La Nina and Jet Streams.
- **Air Masses**, deals with their classification, characteristics and their source regions.
- **Extra Tropical Cyclones**, explains how they are formed and the interaction of the fronts within them.
- **Tropical Cyclones**, takes the student from the hurricanes of the Atlantic to the typhoons of the Pacific, how they are formed, their dangers and how to react with their approach.

**Forecasting**, teaches how to interpret the professional weather map and explains in detail the various aspects of making a personal forecast.

The text book includes a Glossary and several useful appendices.

The course kit includes, Student Notes/Text, Homework Folder, Homework Answers, Cloud Chart, State of the Sea Chart and Mapping Weather booklet.

Global Weather is examinable and one of two exams may be written after completion of the course with the pass mark being 80%