

SOLAR POWERED PONTOON CRAFT INFORMATION

LAKE ST. GEORGE CONSERVATION FIELD CENTRE



CRAFT SPECIFICATIONS:

Students engaged in lake study programs at Lake St. George will have the unique opportunity to conduct their studies from a solar powered pontoon craft. It is a commercially produced pontoon boat with a deck measuring 9.3m x 3.4m (30.5' x 11'), mounted on two pontoons each 9.75m (32') in length and 1.01 m (40") in diameter. The deck is enclosed by a 1.01 m (40") high safety railing with all passenger gates opening inward. The boat's two electric outboard motors are powered by 6 solar panels located on the canopy. The craft has passes annual inspection with Transport Canada. The load is limited to a maximum of 23 passengers.

SAFETY EQUIPMENT:

The Pontoon Boat carries all required safety equipment including the following:

- Life Jackets
- Reaching Assist
- Boarding Ladder
- 25 Person Life Raft
- First Aid Kit
- 2 oars
- Two-way VHF Radio
- Fire Extinguisher
- Anchor
- 2 Ring Buoys
- Signaling Devices
- Navigation Lights

LIFE JACKETS:

ALL STUDENTS AND STAFF MUST WEAR APPROPRIATE-SIZED LIFE JACKETS OR PERSONAL FLOTATION DEVICES (PFD's) APPROVED BY TRANSPORT CANADA AT ALL TIMES. THESE ARE PROVIDED BY THE FIELD CENTRE. IN ADDITION THE BOAT CARRIES STANDARD KEYHOLE LIFEJACKETS FOR ALL PASSENGERS.

LIFEGUARD/OPERATORS:

Two staff holding Transport Canada approved operator certifications are on board at all times. In addition one of the two staff must hold a current National Lifeguard Service lifeguard qualification.

RESCUE CRAFT:

The boat is equipped with a 25 person inflatable life raft, and in addition a rescue boat (a 16 foot aluminum boat equipped with a 9.9 hp motor and safety equipment) will be on the water at all times that students are on the pontoon boat.

PROGRAMS:

The Field Centre presents a wide variety of interesting, and informative programming involving the use of the pontoon craft and specialized water testing equipment including:

- profiling the lake depth
- evaluating water quality – through chemical and physical analyses
- studying the ecology - living and non-living components of the lake
- fish species, population, natural history, and management studies
- creative, artistic and appreciation studies
- shoreline wetland studies

Water Activity Consent Form
Solar Powered Pontoon Craft Program
Lake St. George Conservation Field Centre

Please check **ONLY ONE** of the following boxes and sign where indicated.

I have read the Solar Powered Pontoon Craft information sheet and am aware of the water safety practices in effect at the Lake St. George Conservation Field Centre and,

I give my permission

I **DO NOT** give my permission

for _____ to take part in the pontoon boat
Student's Name

program at Lake St. George Conservation Field Centre.

Signature of Parent/Guardian: _____

Date: _____



Member of Conservation Ontario

