



DOG & CRANBERRY LAKE ASSOCIATION

Safe Boating Guide

Dog & Cranberry Lake Association Safe Boating Committee
Draft 1 (2023-03-20)

Purpose of the Safe Boating Committee

Objective

- To identify and mark shoals on Dog and Cranberry Lakes based on advice from Transport Canada and Parks Canada.
- To provide members with safe boating and boating regulation information by means of the email, webpage and also keep map and hazard locations up to date during the summer boating season.
- To provide education for all members, on current regulations and guidelines that DCLA should follow, from these most recent publications;
 - (1) Transport Canada: An Owner's Guide to Private Buoys ([TP 149799E](#));
 - (2) FOCA [Private Markers](#) fact sheet;
 - (3) FOCA [Water Hazard Marking](#);
 - (4) Cade [Rock & Shoal Marking – Insurance & Risk Management](#).
- Ensure DCLA's insurance policy to include hazard marking coverage.
- We will only be deploying caution/hazard buoys – no other navigation buoy types.

Hazard Markers

Hazard Marker Policy and Liability

- Draft policy and liability statements;
- Shoals that are in open areas where boats are reasonably expected to be navigating **WILL** be marked;
- Shoals that are too near shore or docks where boats should not be navigating (ex. rocks encountered while approaching or leaving a dock) will **NOT** be marked;
- Note the disclaimer stated on the DCLA website and maps, which currently states:

Caution: These maps should not be used as a guide in navigation as they do not show all the various shoals, hazards or other perils which might be present in, on or in the vicinity of the lake. The Dog and Cranberry Lake Association, and its officers and agents are not responsible for damage to persons or property arising from or in connection with marking of shoals, hazards or other perils. While every effort is made to accurately identify and mark navigation hazards, natural forces cause changes to marked areas. Natural forces may also cause markers to be moved or dislocated. Please use caution when navigating in potentially hazardous areas. If you feel a hazard has not been

marked, or is not marked accurately and is a danger to navigation on the lake please contact us at dogandcranberrylakes@gmail.com.

Hazard Markers & Maintenance

- Hazard markers will be the Transport Canada approved hazard buoys from Go Deep International part # [GDI-10-MB](#).
- A quality marine GPS capable of measuring location in Degrees Decimal (DD) up to 5 decimal points (ex. Lat/Long DD 44.90947, -78.77274) and what3words app, must be updated upon installation and mid season inspection, to validate the location of each hazard marker is consistent with the hazard map found on the DCLA website. See [Appendix A](#) for Dog and Cranberry Lake hazard locations.
- Actual install/removal/activity dates of buoys will be posted on the DCLA website and broadcast to all known Dog and Cranberry Lake property owners for whom the DCLA has an email address.
- A link on the webpage will give members or boaters an opportunity to report any missing, damaged markers or potential hazards by means of GPS location or what3words app. We can then deploy a team to investigate and maintain the problem if required.
- Maintenance Schedule see attached [Appendix B](#)

PRE SEASON INSPECTION -

1. Yellow Hazard Buoys will replace the 4L winter jug, during the boating season to help aid boaters in determining where hazards are located. The summer markers will consist of an Transport Canada approved GDI-10-MB buoy that comes with a D ring and will be secured and weighted down with a snap ring, rope and cement block. The cement block securing a hazard marker can be dislodged (ex. caught/dragged by a boat, ice, etc.), check and reset if necessary.
2. Check condition of anchor rope, repair/replace in necessary;
3. Touch up DCLA website URL lettering on the buoys, if required, and check condition of reflective tape. If necessary, retrace the lettering using a black permanent and waterproof marker (suggest Sharpie PRO with 1/4" chisel tip).
4. Touchup or recoat the white stain on the winter wood markers;
5. Destroy and replace jugs with signs of leakage, (use empty RV antifreeze jugs that ~ 4 liters).

MID SEASON INSPECTION -

6. Upon inspecting each marker location, check buoy condition (not damaged, reflective tape still intact, cleanliness, etc.)

7. As water level drops, consider shortening the rope to reduce the slack and help centre the buoy more over the weight base. Do this by adding an alpine butterfly knot loop mid-way to connect into the stainless steel clips (see YouTube video [here](#)).
8. Ensure the DCLA website URL lettering is still legible on the buoys, if necessary, retrace the lettering using a black permanent and waterproof marker.

END SEASON INSPECTION -

9. Winter markers will replace the yellow hazard buoys, during the non-boating season to help avoid damage to summer buoys, from winter weather/ice/snowmobile collisions, etc. The winter markers will consist of a 16” 2x4” painted white with a 1” hole for the shackle, plus a white sealed plastic jug (4L in size) filled with air. The 2x4” provides a stable marker that should resist winter damage. The jug provides additional buoyancy – making it easier to see and find in the spring.
10. Replace winter jug markers that show signs of leaking, touchup or recoat the white stain on the winter wood markers before deploying in the fall.

Hazard Marker Markings

Transport Canada guideline says:

- “PRIV” (short for “Private”) must be marked in contrasting colours (ex. black letters on yellow). Note – the buoys recommend by FOCA (see reference above) and purchased from Go Deep International (see [Hazard Buoy Appendix](#)) do not actually follow this guideline. PRIV is marked in raised text only – same yellow plastic (no contrasting colours).
- *“buoy owner’s current name, address and telephone number must be easy to read, in a permanent manner”*. **DCLA buoys will be marked with our DCLA website URL and buoy ID number in indelible ink.**
- Note - our buoys are too small to be equip with lights, but have reflective tape.

Hazard Marker Materials

- See attached [Appendix C](#).

Website Maintenance

Information to maintain on the DCLA website:

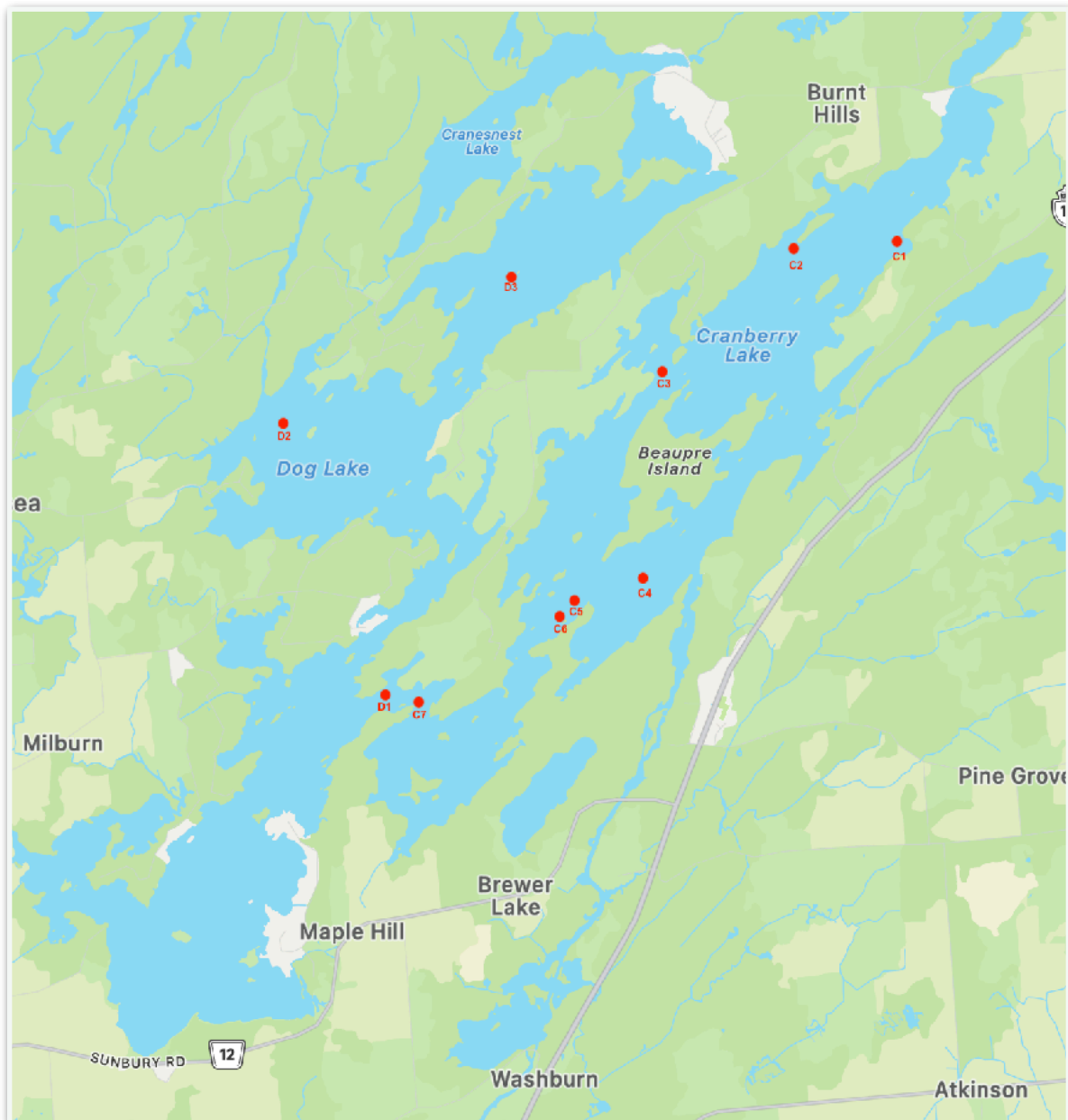
- Transport Canada regulations/rules/guidelines
- DCLA hazard maps and locations
- DCLA hazard buoy activity schedule
- Disclaimer Notice

References

- Andrew Inderwick - Big Rideau Lake Association
- Dave Roberts - Bobs Lake Association
- FOCA - Federation of Ontario Cottagers' Association
- Transport Canada
- Parks Canada
- Go Deep International Inc. (<https://godeepaton.com>)

Appendix

Appendix A - Hazard Buoy Dog and Cranberry Lake Map



Appendix A - Sample Marker Buoy Locations

ID Number	Description	Latitude	Longitude	what3words
C1	Shoal, stay well to the lake side of buoy	44°27'06.4"N	76°17'09.6"W	
C2	Shoal, stay well to the lake side of buoy	44°27'05.3"N	76°17'49.4"W	
C3	Shoal, stay NE of buoy	44°26'30.4"N	76°18'41.5"W	old man rock
C4	Shoal, center of channel. Stay clear approx 20 yards.	44°25'31.0"N	76°18'49.7"W	
C5	Shoal, stay NW of buoy	44°25'27.7"N	76°19'13.8"W	
C6	Shoal, stay NW of buoy	44°25'24.1"N	76°19'18.2"W	
C7	Fiddlers Elbow Underwater fence, stay N of bouy	44°25'00.3"N	76°20'13.7"W	
D1	Fiddlers Elbow Shoal, stay S of bouy	44°25'00.1"N	76°20'29.5"W	
D2	Pole, stay clear approx 20 yards.	44°26'18.9"N	76°21'06.6"W	
D3	Shoal, stay well to the lake side of buoy	44°26'56.9"N	76°19'37.2"W	
D4				
D5				

Appendix B - Sample Schedule of Buoy Maintenance.

TASK	DATE	COMPLETE
Install Summer Marker Buoy	Before May Long Weekend	Remove winter markers, inspect for damage.
Perform Mid Season Buoy Inspection	Aug Civic Holiday Weekend	Inspect for damage, shorten rope if nessecary.
Remove Summer Marker Buoy	Thanksgiving Weekend	Remove summer markers, inspect for damage, install winter markers.

Appendix C - Materials required per buoy.

YELLOW GDI - 10- MB BUOY	PVC HOSE
CEMENT BLOCK	CARBINE HOOK
1/2" NYLON BRAID ROPE	2" x 4" x 16" WOOD
HOSE CLAMP	4L PLUMBING ANTIFREEZE JUG
ELECTRICAL TAPE WHITE	PAINT



Sample GDI 10 MB Buoy



Sample from Bobs Lake Hazard Marking Buoys.

Pictures of our Buoys will replace these pictures!