



The Great Lakes - St. Lawrence Seaway System
Le réseau Grands Lacs - Voie maritime du Saint-Laurent

2007 - NOTICE TO SHIPPING #8

MAISONNEUVE REGION
MONTREAL/LAKE ONTARIO SECTION

FINAL POSITIONS OF ALL-SEASON SPAR BUOYS ON LAKE ST. LOUIS AND IN THE SOUTH SHORE CANAL

Below are the final positions of the all-season buoys that will be moored on Lake St. Louis and in the South Shore Canal, on a trial basis, for a two-year period.

LAKE ST. LOUIS

- A-2 SABIK (plastic) Q 1s (it is now lighted: new no. LFEI 5.3)
- A-7 SABIK (plastic) FI 4s
- A-20 SABIK (plastic) FI 4s (buoy A-22 renamed A-20, same no. LFEI 18)
- A-22 SABIK (plastic) FI 4s (new buoy position: 45° 23' 35.13" N, 073° 47' 48.65" W, no. LFEI 18.3)
- A-24 PROTOTYPE (steel) FI 4s
- A-25 PROTOTYPE (steel) FI 4s
- A-29 SABIK (plastic) FI 4s (it is now lighted: new no. LFEI 21.1)
- A-30 SABIK (plastic) FI 4s
- A-46 PROTOTYPE (steel) FI 4s

SOUTH SHORE CANAL

- V-5 SABIK (plastic) FI 4s (new buoy position: 45° 27' 37.15" N, 073° 30' 06.10" W, 9 metres to the east)
- V-9 SABIK (plastic) FI 4s

Attached to this notice is an all-season buoy performance evaluation sheet, for use in evaluating the performance of these buoys. Your cooperation on this project is greatly appreciated, as will be your comments and suggestions. Once the evaluation sheet is completed, you can send it by fax to the Operations Centre at (450) 672-3668, by email to relliott@seaway.ca or give it to the lock personnel.

Maisonneuve Region
June 22, 2007

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All-Season Buoy Performance Evaluation Lake St. Louis and South Shore Canal

Observer: _____	Date: _____ Time: _____	Ship: _____ Upbound ____ Downbound ____
All-season buoy observed (check). If possible, use one evaluation sheet per buoy observed: V-5 ____ V-9 ____ A-2 ____ A-7 ____ A-20 ____ A-22 ____ A-24 ____ A-25 ____ A-29 ____ A-30 ____ A-46 ____		
Lantern operational Yes ____ No ____ Not applicable ____	<u>Maximum</u> visual detection range observed (in nm) Lantern/ signal light: _____ Shape distinguished: _____ Color distinguished: _____	<u>Maximum</u> radar detectopm range (nm) observed X-band: _____ S-band: _____
<u>Lateral stability of buoy</u> Stable ____ Unstable ____ Very unstable ____		
<u>Inclination of buoy</u> Vertical ____ Inclined ____ Very inclined ____	<u>Air draft of buoy:</u> _____ (m)	
How do you compare the lighting service (i.e., range) offered by this lantern versus those in use on the summer buoys in this sector Summer buoys used for comparison: 1) _____ 2) _____ 3) _____ Better ____ Comparable ____ Less effective ____ Comments:		
How do you compare the daytime range of the all-season buoy versus the summer buoys in the sector? (If possible, identify the summer buoys) Summer buoys used for comparison: 1) _____ 2) _____ 3) _____ Better ____ Comparable ____ Not as good ____ Comments:		
How do you compare the radar range of this all-season buoy versus the summer buoys in the sector? (If possible, identify these summer buoys) Summer buoys used for comparison: 1) _____ 2) _____ 3) _____ Better ____ Comparable ____ Not as good ____ Comments:		
Air temperature: _____ (° C)	Wind: Direction: _____ Speed: _____	Tide: Outgoing__ Incoming ____ N/A ____
Meteorological visibility: _____ (nm)		Approx. speed of current: _____ (knots)