



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

2008 - NOTICE TO SHIPPING #3

NIAGARA REGION
WELLAND CANAL

**MOORING CERTAIN VESSELS IN LOCK CHAMBERS USING LESS THAN 4
MOORING WIRES**

As a direct result of a request from the trade testing was conducted at Lock 3 during the 2007 navigation season to determine the feasibility of securing certain size vessels in lock chambers using less than four mooring wires. The feedback received with respect to this testing has been overwhelmingly positive therefore Mariners are advised that testing will be expanded to include Locks 1 to 8 for the 2008 navigation season.

Testing will be limited to up-bound vessels less than 130 meters long and down-bound vessels less than 200 meters long. At Lock 8 only testing will include all vessels up to and including maximum size vessels in both the up-bound and down-bound direction.

The Operations Centre will confirm with vessels meeting the criteria, at CIP 15 up-bound and CIP 16 down-bound, whether they will be participating in the testing or not. This information will then be forwarded to the lock crews. Masters / Pilots of vessel's meeting the criteria can also contact Traffic Control to indicate their desire to moor in the locks using less than four lines. For vessel criteria please see attached chart.

Pilots / Masters are asked to convey any comments they have to the lock crew. The lock crew will enter your comments on the 'Less than Four Mooring Lines Test Form' created for this purpose. Any and all comments are welcome. At the end of the testing results will be reviewed and a decision made with respect to the future use of this procedure. We will keep you informed of the findings. Thank you in advance for your cooperation with this testing.

John W. Chalmers
Senior Coordinator, Regional Operational Services

St. Catharines, Ontario

March 20, 2008

The St. Lawrence Seaway Management Corporation
Corporation de Gestion de la Voie Maritime du Saint-Laurent

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COMMERCIAL
TIE-UP / CAST-OFF PROCEDURES

Up-bound / Ocean & Inland – Securing:

Locks:	Vessel Dimensions:		Securing			
			Standard	Available Variations		
Lock 1, 2, 3, 4, 5, 6 & 7	Length:	Beam:	4 Lines Req'd	3 Lines Used	2 Lines Used	
	>130m	N/A	Yes	N/A	N/A	
	80m to 130m	N/A	Yes	If Requested – Subject to Performance Wires #2, #1 & #4	N/A	
	<80m	N/A	No	Yes – Wires #2, #1 & #4	If Requested – Subject to Performance Wires #2 & #3	
Lock 8-If Securing	>80m	N/A	Yes	If Requested – Subject to Performance Wires #2, #4 & #1	If Requested – Subject to Performance Wires #2 & #3	
Lock 8-If Securing	<80m	N/A	No	Yes – Wires #2, #4 & #1	If Requested – Subject to Performance Wires #2 & #3	

Up-bound / Ocean & Inland – Cast Off:

Locks	Vessel Dimensions		Cast-Off			
			Standard	Variations		
Lock 1, 2, 3, 4, 5, 6, 7 & 8	Length:	Beam:	4 Lines Used	3 Lines Used	2 Lines Used	
	N/A	N/A	Gates Crack #4 End fully Open #3, #2 & #1	Gates Crack #4 End fully Open #2 & #1	End fully Open #2 & #3	

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Down-bound / Ocean & Inland – Securing:

Locks	Vessel Dimensions		Securing			
			Standard	Available Variations		
	Length	Beam	4 Lines Used	3 Lines Used	2 Lines Used	
Locks 1, 2, 3, 4, 5, 6 & 7	>200m	N/A	Yes	N/A	N/A	
	80m to 200m	N/A	Yes	If Requested – Subject to Performance Wires #2, #4 & #1	N/A	
	<80m	N/A	No	Yes – Wires #2, #4 & #1	If Requested – Subject to Performance Wires #2, & #3	
Lock 8-If Securing	>80m	N/A	Yes	If Requested – Subject to Performance Wires #2, #4 & #1	If Requested – Subject to Performance Wires #2, & #3	
Lock 8-If Securing	<80m	N/A	No	Yes – Wires #2, #4 & #1	If Requested – Subject to Performance Wires #2, & #3	

Down-bound / Ocean & Inland – Cast Off:

Locks	Vessel Dimensions		Cast-Off			
			Standard	Variations		
	Length:	Beam:	4 Lines Used	3 Lines Used	2 Lines Used	
Lock 1, 2, 3, 4, 5, 6, 7 & 8	N/A	N/A	Gates Crack #4 End fully Open #3, #2 & #1	Gates Crack #4 End fully Open #2 & #1	End fully Open #3 & #2	

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