



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

SEAWAY NOTICE NO. 7 – 2022

AUTOMATIC IDENTIFICATION SYSTEM (AIS) REQUIREMENTS

Mariners are advised that the computation of AIS position reports must use differential GPS corrections from Canadian Coast Guard's maritime Differential Global Positioning System (DGPS) radio beacon services or **Satellite Based Augmentation System (SBAS)** as per the requirements described in 20.(2)(f) of the Seaway Handbook Practices and Procedures.

Please note that as of June 30th 2020, the U.S. Coast Guard has shut down its last DGPS station on the Great Lakes and the St. Lawrence Seaway and as a result DGPS coverage is no longer available in the Welland Canal. Mariners are therefore asked to switch their GPS to auto-mode to maintain the augmented GPS signal throughout a ship's entire Seaway transit. If auto-mode is not available, Mariners are asked manually switch over to **SBAS** for coverage in the Welland Canal at mid-Lake Ontario for upbound transits or at South East Shoal on Lake Erie for downbound transits.

March 15, 2022