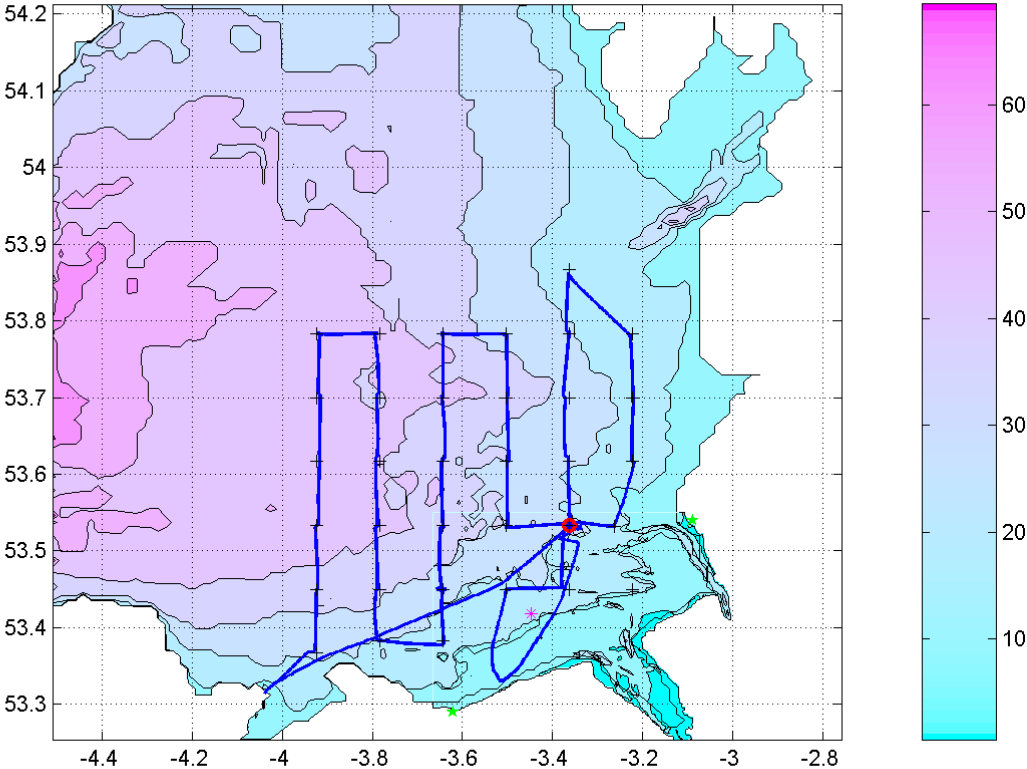Coastal Observatory cruise 38; 15 - 16 August 2006