Great Lakes Maritime Transportation Teacher Institute
in Michigan’s Upper Peninsula
July 16-20, 2012

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Teachers visit Cliff’s iron ore mine near Neguanee, MI.
Teachers view historic shipwrecks aboard glass-bottom boat.
Teachers tour Whitefish Point Lighthouse & Shipwreck Museum.
Kevin Sprague, Chief Engineer for the U.S. Army Corps of Engineers, briefs teachers before their tour of the Soo Locks.
Course coordinator, Joan Chadde, from Michigan Technological University, leads the group in a tour of the Soo Locks at Sault Ste. Marie, MI.
Carol Wolosz (GLRMI), Rick Brown (TMAT), and Ludington (MI) science teacher, Deb Del Zoppo, enjoy the Soo Boat Lock Tour.
Teachers view port facilities in Sault Ste. Marie, CA on the Soo Locks boat tour.
Briefing on the maritime responsibilities of, and career opportunities with the U.S. Coast Guard.
Teachers collect limestone samples (cargo) from Carmeuse Lime & Stone quarry.
Teachers watch ship load with limestone cargo at Port Inland, MI on Lake Michigan.
Teachers map bathymetry of harbor to find safest, deepest route.
Teachers try to create a boat of tin foil that will hold the most marbles (cargo).
Teachers experience the Great Lakes floor map at Fayette State Park on Lake Michigan.
Teachers create the 3-D Great Lakes watershed.
Rick Brown, licensed captain and instructor at The Maritime Academy of Toledo, presented on maritime history, ships, maritime careers, and navigation & mapping.
Teachers learn mapping & navigation skills.
Teachers begin lesson planning process at end of workshop.