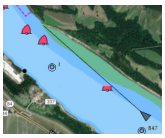
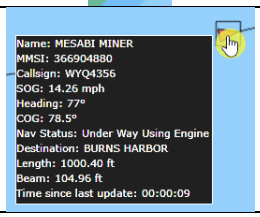
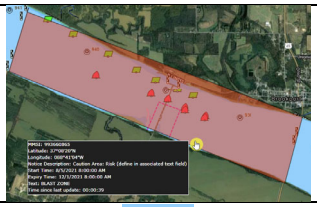
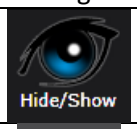
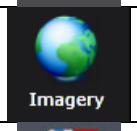
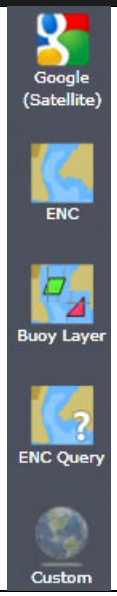
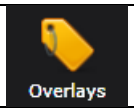
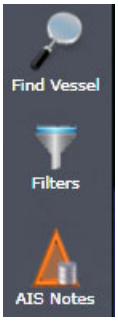
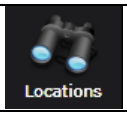
LOMA Quick Reference Sheet

Target Icon Symbology

Description	Image	Notes
Vessel groups (when zoomed out)		Number indicates the number of targets in the box
Individual vessel		Color indicates vessel type – see Target Icon Colors table
Individual vessel selected		
Individual vessel zoomed in to show dimensions		Dimensions from what is in vessel's AIS; may not be correct
Vessel with speed leader		Length of speed leader is set in: Tools - Hide/Show – Options - Vessel Symbology - Time Multiplier for SOG
Vessel with trail		Length of trail is set in: Tools - Hide/Show – Options - Vessel Tracks – Track Duration
Vessel with additional information		Can be viewed and edited in Target Data window
Vessel designated as Vessel of Interest		Can be selected in Target Data window
Vessel designated as Hazardous Cargo		Can be selected in Target Data window
Target Tag		Fields displayed can be changed in: Tools -Hide/Show – Options – General Tag Visibility
Application-specific message (ASM)		Used to communicate various navigation safety information, e.g., met/hydro observations, lock order, water level.
Geographic Notice ASM (with Target Tag)		Shape will vary based on area and usage.
AIS Aid to Navigation (AtoN) - real		The actual location of the AIS transmitter
AIS AtoN - virtual		Transmitted from a different location
Base Station		

Tools

Tool Name	Image	Notes
Hide/Show		Access the below tools:
Tools under Hide/Show		All AIS: Toggles to show All, Active, Filtered, or No AIS All ASMs: Hide or show all ASM targets Locks: Hide or show all Lock icons Zones: Hide or show all Zones Markers: Hide or show all Markers WFS: Disabled Colors: Disabled Options: Open User Settings window
Imagery		Access the below tools:
Tools under Imagery		Google (Satellite): Hides or shows satellite imagery ENC: Hides or shows ENCs/IENCs Buoy Layer: Hides or shows IENC buoy layer ENC Query: Identifies ENC/IENC objects. NOTE: User must click icon when done to finish. Custom: Disabled

Overlays		Access the below tools:
Tools under Overlays		Add Marker: Allows user to place a Marker and opens Marker window afterward Add Zone: Allows user to draw a Zone and opens Zone window afterward
Distance		Allows user to measure distance. NOTE: User must click icon when done to finish.
AIS Tools		Access the below tools:
Tools under AIS Tools		Find Vessel: Opens window to search for vessels using name, MMSI, or IMO Number Filters: Opens Filter window to select filter for Filtered AIS tool (under Hide/Show AIS Notes: Opens Target Data window to search for vessels and add/modify notes, etc.
Locations		Opens the Locations window

Target Icon Colors

Color and target type
Vessel (default)
AtoN
Methydro
BaseStation
Geographic Notice
Waterways Management
WIG (Wing In Ground) vessels
Engaged in towing other than barges by pushing ahead or hauling alongside (i.e. articulated tug-barges, push-boats, workboats); whose dimensions (ABCD values) solely represent the overall dimensions of the vessel*
Engaged in towing barges by pushing ahead or hauling alongside (i.e. articulated tug-barges, push-boats, workboats); whose dimensions (ABCD values) represent the overall rectangular dimensions of the vessel and its tow
Light boats (i.e. push-boats or work boats not engaged in towing; whose dimensions (ABCD values) solely represent the vessel dimensions of the vessel
Mobile Offshore Drilling Units (MODUs), Liftboats, Floating Production Systems (FPS), Floating Production Storage and Offloading Vessels (FPSO)
Offshore Supply Vessels (OSV)
Processing vessels (i.e. fish)
School, scientific, research or training ships
U.S. public or governmental vessels
WIG - No additional information — contact cgnav@uscg.mil prior to use
Fishing
Towing

	Towing (Length > 200m or Breadth > 25m)
	Engaged in dredging/underwater operations
	Engaged in diving operations
	Engaged in military operations
	Sailing
	Pleasure craft
	HSC or passenger vessels < 100 GT, including tenders
	HSC or passenger vessels < 100 GT, including tenders Carrying DG (Dangerous Goods), HS (Hazardous Substances), or MP (Marine Pollutant), IMO hazard or pollutant category A/X; or use 41/61 if carrying < 12 passengers for hire
	HSC or passenger vessels < 100 GT, including tenders Carrying DG, HS, or MP, IMO hazard or pollutant category C/Z; or use 43/63 for ferry service carrying < 150 passengers
	HSC or passenger vessels < 100 GT, including tenders Carrying DG, HS, or MP, IMO hazard or pollutant category D/O; or use 44/64 for ferry service carrying > 150 passengers
	HSC or passenger vessels < 100 GT, including tenders – No additional information—contact cgnav@uscg.mil prior to use
	Pilot Vessel
	Search and rescue vessels i.e. USCG boats, USCG Auxiliary, assistance towers
	Harbor tugs
	Fish, offshore or port tenders
	Commercial response vessels with anti-pollution facilities or equipment
	Law enforcement vessels, i.e. USCG cutters, marine police
	Spare–for assignments to local vessels as designated by the USCG Captain of Port
	Spare–for assignments to local vessels involved in a marine event

	Medical transports (as defined in the 1949 Geneva Convention and Additional Protocols) or similar public safety vessels
	Ships according to RR Resolution No. 18 (Mob-83)