

Layer Name: Navigation Aids
File Name: NavigationAids
Layer Type: Point
Status: Complete
Geog. Extent: Main Hawaiian Islands
Projection: Universal Trans Mercator, Zone 4, Meters
Datum: NAD 83 HARN

Please note - if you are using data in the [State's web services](#) or downloading from the [State's geoportal](#), the data is served and exported in WGS84 coordinates, although it is stored internally in UTM coordinates.

Description: This dataset contains those aids to navigation located in marine waters within the vicinity of the main Hawaiian Islands and recorded on the nautical charts.

Source: NOAA Raster Nautical Charts

History: The raster nautical charts were first re-projected from their original projection/datum to UTM Zone 4, Old Hawaiian using NOAA's Nautical Chart Re-projector v1.8.3. NOAA's ArcView ChartViewer extension was used to display the re-projected nautical charts in ArcView v3.2. Objects were then digitized from the individual nautical charts and merged into a single dataset/shapefile which covers the entire state. The dataset was then transformed to UTM Zone 4, NAD 83, to adhere to new project requirements, using the Hawaii Datums and Projections extension in ArcView. Completed December, 2002.

Attributes: Polygons:

ID	ID
TYPE	Type of Navigational Aid as interpreted from the nautical chart symbol
SUB-TYPE	Specific shape and/or type as interpreted from the nautical chart symbol
NAME	Name of navigational aid
LT_CLASS	Class of light
LT_COLOR	Color of light
PERIOD	Time taken to exhibit one full light sequence
ELEVATION	Elevation of focal plane above datum
RANGE	Nominal range of light (M=nautical miles)
OWNER	Ownership of navigational aid
CHART	Source chart from which object was digitized

NOTE: Data not to be used for navigational purposes. Data were not reviewed or authenticated by the Office of Coast Survey, NOAA National Ocean Service. NOAA is not responsible for the use of these data as a navigational tool.

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