

IOKIO Omniscope User Guide. Last updated 14 Mar 06

IOKIO is a data visualization tool which is used to view published snapshots of the WFP Shipping Service database. Two views of the database have been created – one which shows vessel position information, a second showing pipeline, booking, and voyage data. The views are downloaded as .iok files which are posted at <http://www.wfpss.org/downloads>.

You can get an idea what the tool looks like by downloading the Macromedia Flash files (.swf) on the downloads page. The Flash presentations do not allow the extensive interactivity of the IOKIO Omniscope tool, but can be viewed without installing any special software (they are opened in an Internet browser with the Macromedia Flash plug-in loaded).

Installation

Data is published to the IOKIO Omniscope environment periodically. New versions will be published to the wfpss.org weekly, each Friday. Save the .iok file to your computer, and open it with the free IOKIO Omniscope viewer.

To install the free IOKIO Omniscope viewer, download it from the IOKIO website at <http://www.iokio.com/viewer>. Installation instructions are provided by IOKIO at <http://wiki.iokio.com/Wiki.jsp?page=InstallingOmniscope>.

Using the viewer

There are two main areas to the user interface – filters and views. Filters are located down the right side of the screen and allow you to limit what data is shown in the views. There are 10 different view types that can be displayed in one or more view windows. Whether a subset of data is created by applying a filter or a selection within the view, the barometer at the top of the page shows what subset of the data is currently being displayed.

Vessel position data

The default view shows a map and a pivot chart. Voyage information can be queried by selecting a port location on the map, by selecting a vessel name in the filters on the right hand side, by sliding the date slider to a particular time extent in the filters, or by any of the many other tools available.

Pipeline, booking, and voyage data

The default view shows a map and a pivot chart. The map shows discharge port in the default view. This can be changed to show loading port in the Configure Map dialog box (within the Map View select the Tools icon, and in the drop down list select Map Coordinates and Title ...).