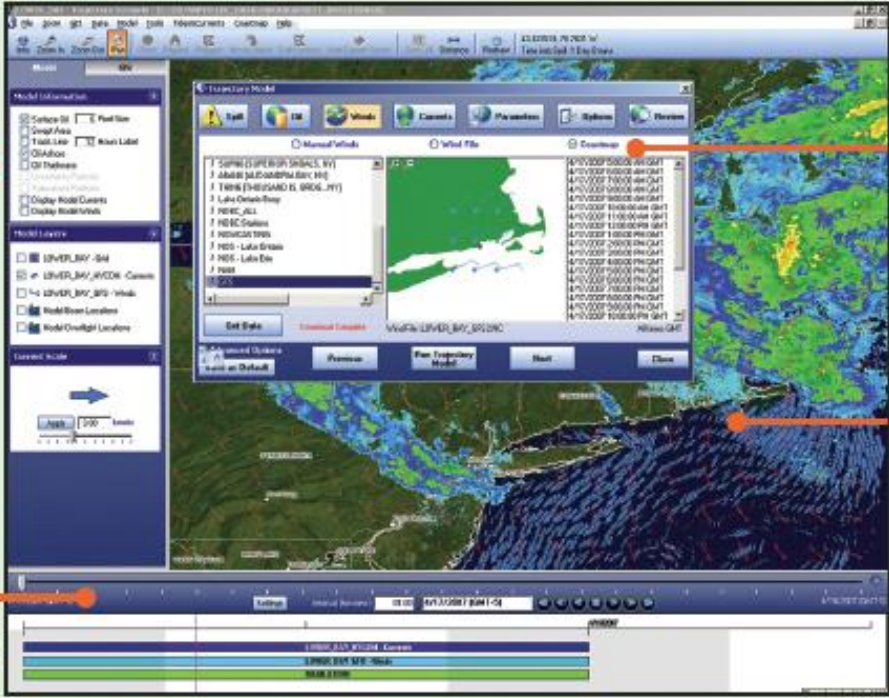


The recent release of OILMAP™ Version 6.0 heralds an exciting new generation of web-enabled ASA software. Users have been applauding the many substantial capability and user interface enhancements. With new nautical chart and internet mapping options and full integration of ASA's Environmental Data Server (EDS) for on-line wind, current, and weather forecasts, the system becomes an information management tool to support marine missions beyond oil spill and search & rescue response.

New User Interface



Viewing Multiple Scenarios

ASA's TimeSlider™ Toolbar

Integrated Environmental Data Server: EDS™

Real-Time Meteocean & Weather Overlay

Graphical User Interface (GUI)

Version 6.0 has a sharply improved user interface that has been designed based on feedback from users and analysis of user's needs during marine accidents. The new graphical user interface combines GIS functionality with support for time-varying data. Mapping and GIS tools include support for ESRI SHP files, CMAP nautical charts, S57 ENC charts, NOAA BSB charts, Geotiffs, ESRI Map Services, and OGC WMS Map Services.

The GUI includes a **TimeSlider™** tool that enables synchronizing all time-varying data, including model output, weather data and environmental data, as well as a new Gantt chart providing a visual timeline of data availability.

A variety of formats, including NetCDF, GRIB, time-stamped SHP files, and WMS services with the time specification are supported by the time-varying GIS layer module.

Integrated EDS

Version 6.0 uses a web services framework to access the ASA **EDS: Environmental Data Server™**. The EDS is a server that aggregates and disseminates public and private weather, wind, and current forecasts and observation data. This data ranges from global data to regional forecast products for specific regions. Support for commercial services such as WilkensWeather-Nowcasting and Weatherflow is also available.

Viewing Multiple Scenarios

This new feature provides the ability to load and display multiple Surface Trajectory, 3-D Model, and Search and Rescue scenarios within a single model application. It also integration of other time-varying observation data such as sea surface radar (CODAR) and drifting buoys; these are extremely useful for comparison of predictions with observation data.

New Mapping Options

Fully integrated display of Web mapping services as basemaps or overlay layers available via Open Geospatial Consortium (OGC) Web Mapping Service (WMS) and ArcIMS Services can now be added into the map environment. Overlay layers can contain both spatial and temporal information, allowing them to be animated using the new **TimeSlider™** tool. This enables powerful visualization of weather data easily rolled into any spill scenario.

Web Publishing

Version 6.0 allows for users publish model results to Web map servers for viewing by users on an intranet or internet. External users may view model results with a variety of client applications including ESRI ArcGIS®, Google Earth, and ASA's Web client applications.



Web Publishing: Spill release modeled in OILMAP and published to Google Earth now possible with OILMAP 6.0 architecture.

For more information about ASA's OILMAP or other ASA services and solutions, contact ASA at +1 401 789-6224 or asa@asascience.com, or visit www.oilmap.com.

ASA has built a wide range of commercial computer modeling applications to solve various environmental problems. ASA's family of environmental modeling tools, are available for licensed use and customization and include: AIRMAP™, CHEMMAP™, COASTMAP™, HYDROMAP™, OILMAP™, SARMAP™, SIMAP™, MUDMAP™ and WQMAP™. For more information visit our website at www.asascience.com.