



WESS<sub>2.0</sub>  
WEB-ENABLED SAFETY SYSTEM



## WESS Gets Better!

*The Naval Safety Center is committed to providing the fleet with a faster and easier way to report mishaps and hazards.*



### MVRS makes mishap reporting easier

The new Motor Vehicle Reporting System (MVRS), deployed in April 2011, significantly improved the customer experience with a complete makeover of the legacy WESS motor-vehicle module.

Using Google tools, the new user interface makes it much easier to navigate through screens. The data points required to collect motor-vehicle-specific information have been decreased by 54%, reducing the time to complete a report. These two improvements reduced the number of required screens from approximately 85 to about 14. MVRS uses front-end caching technology: the application is loaded onto the customer's system, so it now takes just seconds instead of several minutes to build each page for ship-board users.

The quality and volume of data being received regarding PPE usage, individual licensing and training, and causal factors have all significantly increased with the addition of more stringent validation requirements added to the MVRS module. This in turn provides higher data quality, resulting in more comprehensive analysis of mishap reports.

Responding to fleet requirements, we've made it possible to get a PDF report summary of all of a unit's mishaps and to extract reports in an Excel spreadsheet for sorting and manipulating data. Coming soon to MVRS will be an estimated 50% reduction in the time it takes to load the application, and the removal of 17 more data fields.



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### New technologies to improve mishap reporting afloat

The new Afloat module, scheduled for release in summer 2012, will incorporate leading-edge technologies and design features used by industry leaders such as Google and Facebook to give shipboard customers a rapid initial application load time averaging just 18 seconds and only seconds in going page-to-page. For afloat units that still face challenges with bandwidth, a “disconnected” solution will let users develop reports on a PDF form off-line; they can then submit the report as an e-mail attachment when bandwidth is available. The amount of data required for Afloat



reporting has been greatly reduced. Including the remaining modules being developed to replace the legacy WESS, reporting requirements will be cut by at least 43%.

Work planned for the coming year includes reducing initial load time for WESS Aviation Mishap and Hazard Reporting System (WAMHRS) customers by up to 50%, developing the Endorsements and Track Recommendations modules, and starting the last modules that will completely replace the legacy WESS application.



### Getting your data out of WESS

WESS lets you access your data through more than 100 pre-formatted reports. Using selection criteria such as UICs, date ranges and severity, you can display your results in a standardized format. Examples of report options include Ten Most Recent Mishaps by Severity, Aviation Daily Summary, OSHA 300 Log and 300A Summary, Marine Corps Mishap Summaries and the WESS Reconciliation Report.

Responding to customer feedback last fall, we created two new custom reports. One enables a word search

for aviation mishap/hazard reports; the other allows users to extract aviation hazards by event location. All reports are available in PDF and Word format; some generate Excel format.

Reports can be set up to run automatically and emailed to WESS customers.

Requests for new reports can be submitted to the WESS Help Desk at [NRFK\\_SAFE\\_WESShelp@navy.mil](mailto:NRFK_SAFE_WESShelp@navy.mil).

