



SeaSpace Corporation

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SEASPACE CORPORATION ANNOUNCES THE RELEASE OF TERASCAN DVORAK

Poway, California, June 21, 2004 - SeaSpace Corporation has just released its TeraScan[®] Dvorak software product for Linux. The software is available on CD by request. To obtain the software or to make inquiries, please e-mail the SeaSpace Sales Dept. at sales@seaspace.com or call **858-746-1131**.

TeraScan Dvorak is the TeraScan GUI implementation of the Advanced Objective Dvorak Technique (AODT), a computerized algorithm developed at the University of Wisconsin-Madison/Cooperative Institute for Meteorological Satellite Studies (UW/CIMSS) to objectively determine tropical cyclone intensity from the tropical cyclone imagery derived from the IR data of geosynchronous satellites. The TeraScan Dvorak analysis works with images in the TeraScan Data Format (TDF).

TeraScan Dvorak enables the user to easily compile a history file of storm intensity over the life of the storm from the IR imagery. The basic analysis is a four-step process: (1) Load images into the image viewer; (2) Specify a history file; (3) Click on the image to select the storm center; (4) Click a button to run the AODT analysis on the image and add the image analysis record to the history file.

If a forecast file exists for the timeframe of the storm, it can be used to auto-select storm center. Any of the following types of forecast files can be used: (1) ATCF Tropical Cyclone Forecast Record files, (2) TPC Tropical Cyclone Discussion Files, (3) JTWC Tropical Cyclone Text Warning files, and (4) generic text files.

Other notable features of the TeraScan Dvorak program are: (1) automatic graphing of analysis results; (2) capability for incorporating SST GRIB files into the AODT Tropical Cyclone Intensity Estimation (TIE) Model developed at UW-CIMSS; (3) Choice of numerous palettes, including NOAA standard palettes; (4) Optional image overlays

(log spiral, AODT-derived storm track, and predicted storm path from the forecast file, if a forecast file is available).

The AODT research at UW/CIMSS was encouraged and supported by Jeff Hawkins at the Naval Research Laboratory in Monterey, CA (NRL-MRY). The AODT algorithm was transitioned to SeaSpace Corporation via the Cooperative Research and Development Agreement (CRADA) between NRL-MRY and SeaSpace Corporation for implementation of the AODT functionality into a TeraScan graphical user interface (GUI).

NRL-MRY received support for this endeavor from its research sponsors, the Office of Naval Research, Program Element (PE-060234N) and the Space and Naval Warfare System Command, PMW-155 (PE-0603207N).

About SeaSpace Corporation:

SeaSpace Corporation empowers people to improve the understanding, safety, security, and enjoyment of our global environment. SeaSpace manufactures TeraScan[®] hardware and software products that provide customers with timely and accurate satellite-derived weather and environmental information. These systems are in operation at more than 450 customer sites in over 30 countries.

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