



SATELLITE SYSTEMS AND SERVICE
WEATHER, EMAIL, VOICE & DATA SOLUTIONS

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WeatherNet 5 Launches with Sub-Surface Temperature and New Fishing Tools

Integrates with GRIB Explorer 9 Release of Thermocline and FishMap

Seattle, April 3, 2017: OCENS' today releases version 5 of its premier weather and ocean service, WeatherNet. Version 5 offers something new to everyone, including the addition of global sub-surface temperature, thermocline and mixed layer depth products, polar's and optimal route generation, and streamlined access to some of the highest resolution and most unique weather data on the planet.

WeatherNet has long been recognized as the most cost-effective home to the very best fishing data such as SST, SSH, salinity and ocean currents. Obviously, most of these data relate to surface conditions. The new sub-surface data plunges below the ocean surface to provide temperature information at depth for 12 sub-surface layers reaching as deep as 1000 meters.

Although the sub-surface data are special in and of themselves, its WeatherNet's generation of the derivative Thermocline product and linkage of these data to the enhanced analytical horsepower of GRIB Explorer 9 that really resets the bar. The Thermocline product combines the 12 layers into a single product allowing its user to look 'down' through the water column at any spot on the ocean.

Furthermore, it passes the Thermocline product off to its freshly released companion GRIB Explorer 9 (GE 9) to reveal the shape of the thermocline and the depth of the mixed layer (MLD) under any spot on the ocean. Click on GE9's new Thermocline tool and pass your cursor across the ocean surface. The structure of the thermocline shape and MLD adjust on-the-fly. GE9 also integrates the temperature preferences of 40 different fish species to show you where in the water column the preferred temperatures of your target species sit; and how much of the water column is at that temperature at any location. With its FishMap tool it then ties this information together with your vessel or gear characteristics to provide a 2D chart of where in your fishing region do you have the best opportunity to find large patches of water matching the preferences of your target. Data overlay the new global bathymetry layer now available in GE9 as well.

Of course, WeatherNet can download SST, SSH, salinity and currents data at the same time it retrieves your sub-surface temperatures or Thermocline product. Mirrored cursor tracking relates the color-coded FishMap locations derived from the new Thermocline product to their position on these background grib(s). This quickly relates the FishMap volumes of your target species to other factors you know are important. Never before have perspectives on fishing decisions like these been available from even the expensive fishing subscription services. More info is available online at <http://www.ocens.com/fishing>.

WeatherNet 5 also launches with the addition of Optimal Routing requests to its suite of offshore accessible products as well as refinements to its popular Wizard pages which expedite access to the very high resolution NAM, RAP and HRRR weather models (offering up to 30 data points per degree), the unparalleled NOAA NDFD wind and wave content, lightning data and ASCAT satellite wind scatterometry. WeatherNet remains the only source for the at-sea user for several of these products.

WeatherNet 5 is compatible with Windows and Mac computers. It is built to work with satellite connections provided by the Iridium GO, and Iridium 95xx, Globalstar 1600 and 1700, and Isatphone 1 and 2 handheld phones. Of course, it also works terrific over network and Wi-Fi connections as well as broadband services such as FleetOne, FleetBroadband, BGAN, OpenPort and others. Should you desire to link to your satellite phone via Wi-Fi connections. WeatherNet 5 is fully compatible with OCENS' Sidekick satellite Wi-Fi router. GE 9 is presently released for the PC only.

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About OCENS, Inc.

OCENS data services, software and apps merge easy-to-use applications with unprecedented content offerings to affordably deliver data over satellite phones to remote users around the world. OCENS weather, ocean and fishing services provide access to the largest collection of GRIB and classical data that can be found anywhere. Using patented pull-me technology, OCENS WeatherNet provides fast access to the world's widest selection of weather and ocean information over PC and Mac platforms. GRIB Explorer processes highly compressed GRIB information into unique decision products for use on PC, Mac or iPad platforms. Its SpotCast weather service provides multi-day, multi-point forecasts of weather and ocean conditions for any point on earth in a highly compact form. Email offerings include its dedicated platform, OCENS Mail, and the patent-pending OneMail for compressed, streamlined access to Gmail, Exchange, and IMAP mail that is uncluttered by unwanted mail. Its OneMessage service provides secure, person-to-person messaging through satellite phones and SNAPTrack delivers low-cost, simple to use tracking services. Its in-house hardware wing produces the popular Sidekick and Sidekick Pro satellite Wi-Fi routers. OCENS augments its software core with satellite equipment and airtime solutions it provides in cooperation with all the major satellite providers.

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