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Doubling the battery life of net monitoring systems

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After months of testing, Notus has released a long life battery and intelligent charger for its Trawlmaster and Seinemaster net monitoring systems. Sensors will now be powered by a high end NiMH battery cell. Recharging these batteries is an intelligent fast charger.

The Notus Trawlmaster, is a complete trawl monitoring system for twin and single rigs. On a twin rig, the spread on each net, trawl wire measurement and middle wire adjustment are provided. Other parameters monitored include headline height, wing end spread, temperature, etc. The system can also be used on single and triple rigs. The Seinemaster monitors the depth, sink rate, temperature and distance to the seine.

Battery life has doubled with the new NiMH cells. This has significant advantages for vessels fishing longer trips as one charge can typically last one trip. Additionally, Notus has always allowed skippers to control how often information was received by simply clicking a button on the 3D PC software. The longer battery life allows a skipper to receive more information in a shorter period of time.

The intelligent charger has a number of advantages over the previous model: charging is faster, there is an automatic cutoff and the charger can analyse the batteries to indicate a problem. A typical sensor can now be fully charged within two to three hours. An LED lighting configuration indicates the state of the charging process and when the cell is fully charged. Finally, the intelligent charger analyses the batteries and indicates if there is something wrong with the cell. This charger will charge up to four sensors at one time.

Although just now being released, the batteries and charger have gone through extensive testing. Skippers were very pleased with the performance of the new batteries and charger and current sensors can be easily upgraded to the new batteries.



"Ocean Harvest" uses the Trawlmaster trawl monitoring system

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