# WESMAR's sonar expands the view

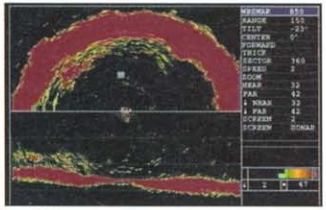
**WESMAR's newest sonar, the HD850, has just completed its first year in the field with outstanding results says the company. The new technology expands the forward scan view by 30% and electronically stabilizes the soundome.**

Key to this new system is 'active' stabilization, which allows the user to find the fish quicker and stay right on them. WESMAR's new technology places the electronic gyro in the soundome, making stabilization nearly instantaneous and far more efficient.

The sensors in the HD850 system monitor the hull's movement and constantly adjust the aim of the transducer mechanically to compensate for waves and turns. WESMAR offers this system with both an 8 and 10-inch transducer.

## New Active Stabilization

This new, actively stabilized, sonar system is all about efficiency and accuracy. When the transducer scans, the gyro scans with it. Corrections are made in the exact direction the transducer is looking, keeping the sound beam on target. The WESMAR gyro runs 100% of the time. Other units have the sensor mounted to a bulkhead delaying response time.

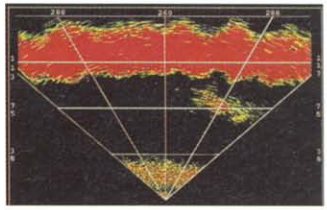


*Split screen*

## Trawlscan

New trawl scan technology in the software has added to the capabilities of this sonar as well. It unwraps the water ahead of the boat scanning 30% more fishable area than traditional sonars. As the beam moves off the bow the transducer will tilt up to scan a straight line perpendicular to the vessel's course. Trawlscan is viewed on a second monitor with three off center zoom modes to select from.

Good fishing electronics have always been an investment in profitability, but now more than ever. Today, the high cost of fuel is the biggest drain on profits and time wasted searching for fish is expensive. Finding fish quicker and getting them on board immediately is the most important thing, and being able to operate in rough seas is everything, say WESMAR customers.



*Trawlscan mode*

## New Digital Link:

WESMAR's new digital link between the sonar electronics near the transducer and the computer console in the wheelhouse run noise-free for maximum sonar performance.

## Searchlight Advantage

One hundred percent of the transducer surface area points in the same direction. Dispersed fish or hard to mark fish are detected clutter free.

## Split Screen with Profile

Scan forward then across the bottom. It is ideal for mid-water and bottom trawling operations. Head for the fish and watch as they pass to either side of the vessel. Sounders only mark under the vessel and not to the sides missing the target. In the profile mode bottom coverage is 6 to 10 times greater than traditional sounders.

## Stabilized Down Sounder

With the HD850 in the down sounder mode, active stabilization will keep the sound beam straight down, even in rough seas. Lower the hoist below the bubble layer for a ground picture unmatched by other sounders.

## Heavy-duty Transducer Hoist

It's a mover, five seconds up or down. No slow worm gear trying to lift before a crab line. Hydraulic power pack only requires AC power input to run.

The HD850 also has four screens for different displays