



DigiFIN

Input/Output Inc.

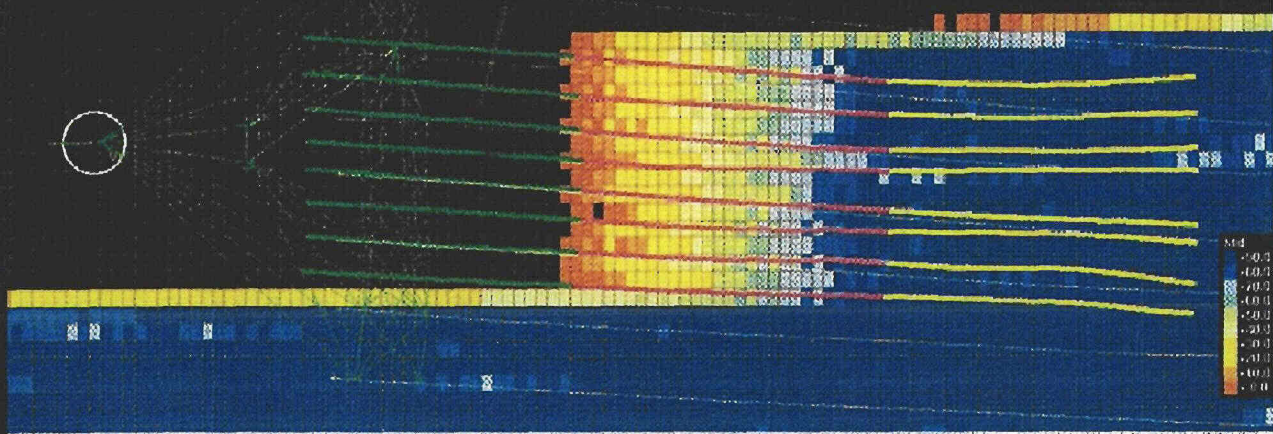
Stafford, Texas, USA

WESTERNGECO

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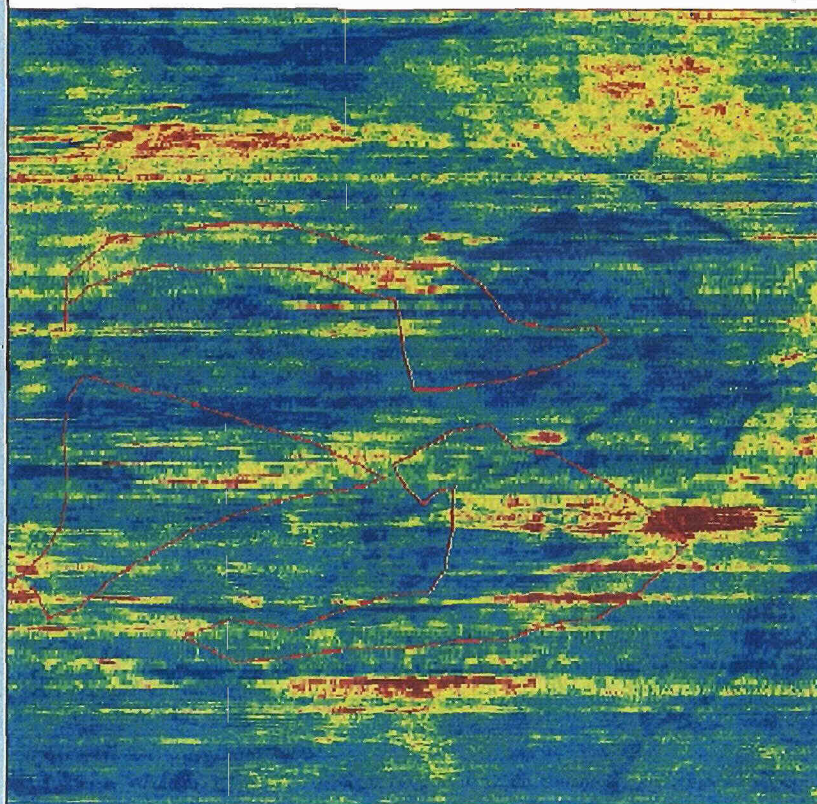
Helmman - Concept Systems



Towed Streamer 4D Streamer Steering (DigiFIN)

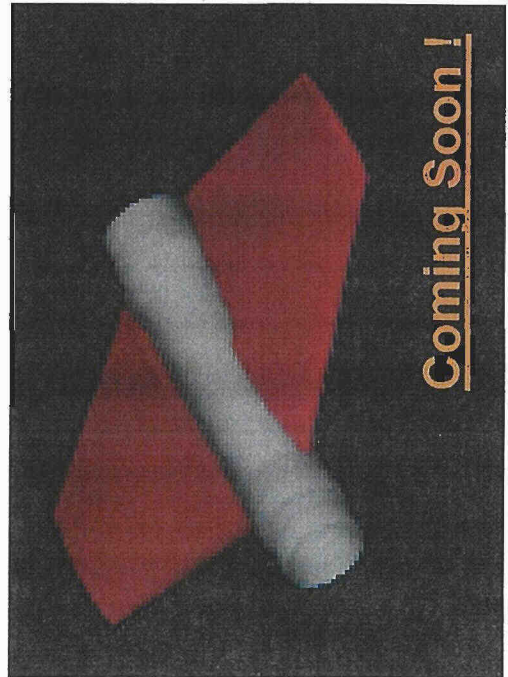
- Irregularities in streamer shape increase 4D Noise, and reduce repeatability

Measured 4D Noise

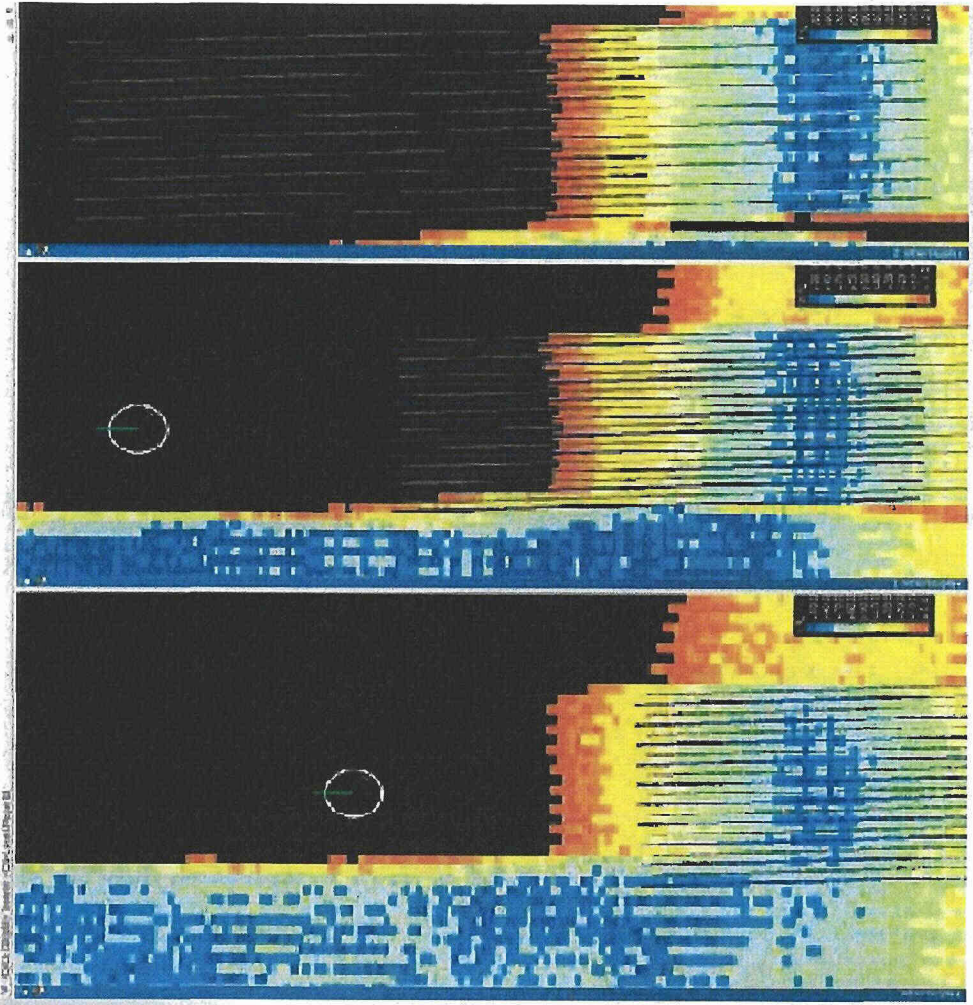


Towed Streamer 4D Streamer Steering : DigiFIN -- 4D Imaging Benefits

- Streamer steering improves repeatability
 - Streamer shape regularization (low noise)
 - Feather modification (additional noise)

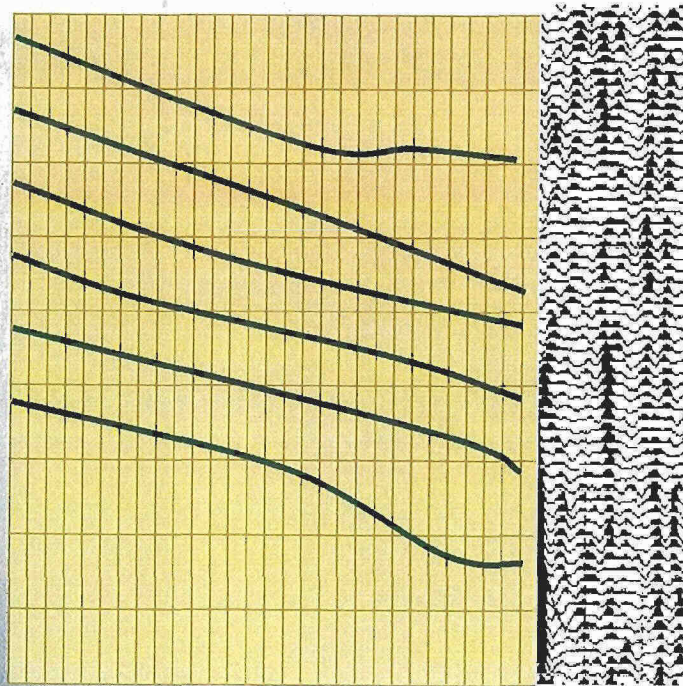


Coming Soon !

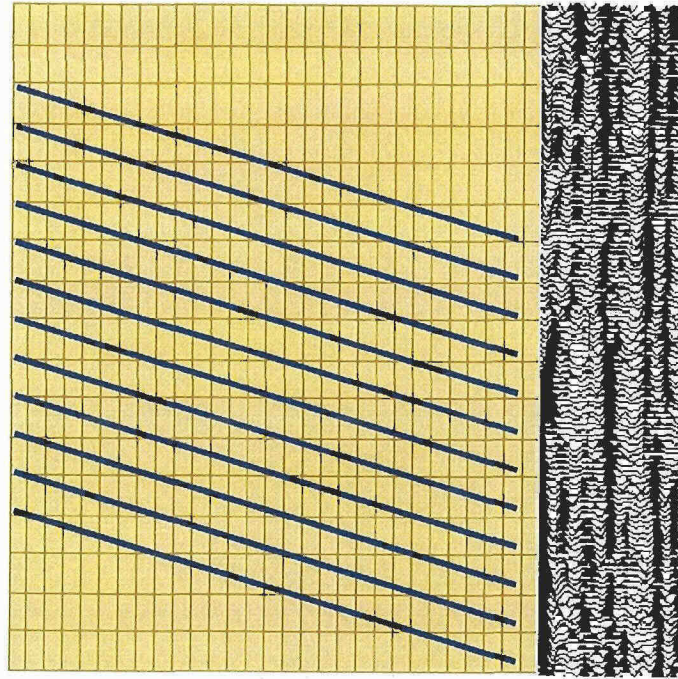


Towed Streamer 4D Streamer Steering : DigiFIN – 3D Imaging Benefits

- Typical marine targets have dips in all directions
- Typical marine bin has a 4:1 aspect ratio
- Cross line bin size is limited by fear of streamer tangles



Without DigiFIN

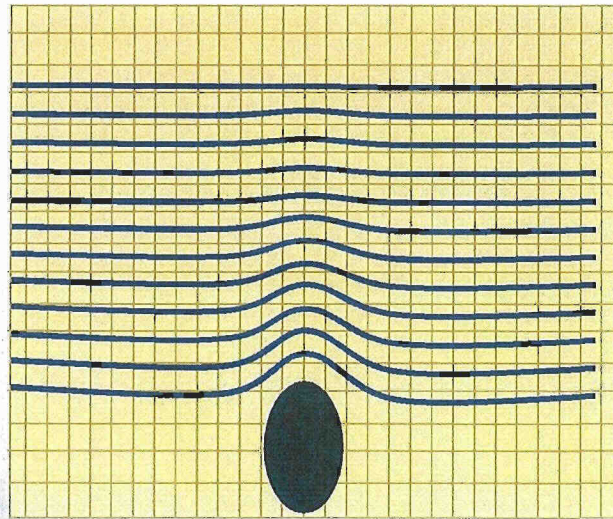
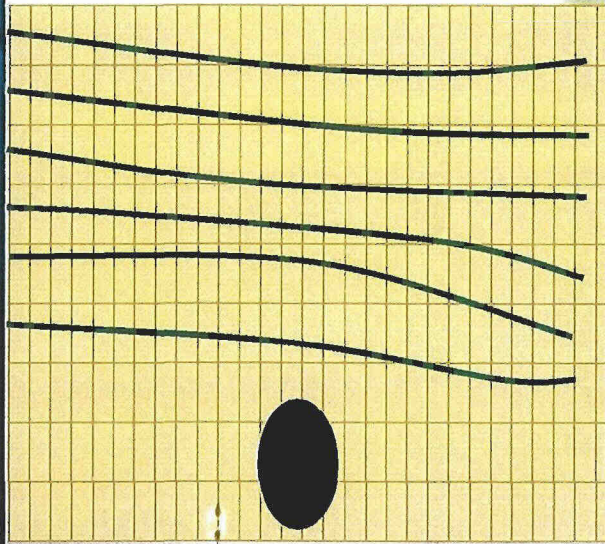


DigiFIN enables reduced cross line bin size & enhanced resolution



Towed Streamer 4D Streamer Steering : DigiFIN – 3D Imaging Benefits

Reduced risk &
improved illumination
around obstructions



With DigiFIN

Without DigiFIN



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