



**DigiFIN**

**Input/Output Inc.**

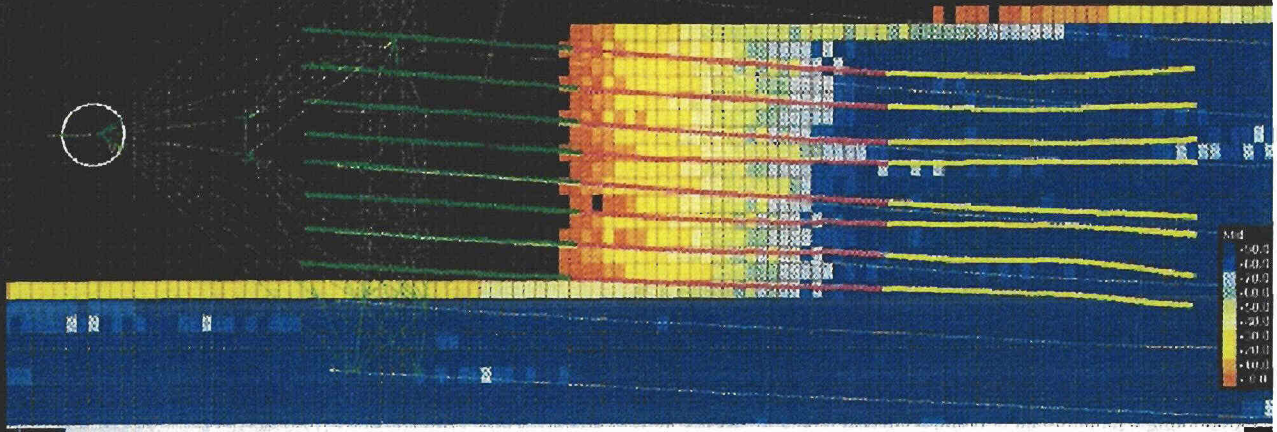
Stafford, Texas, USA

WESTERNGECO

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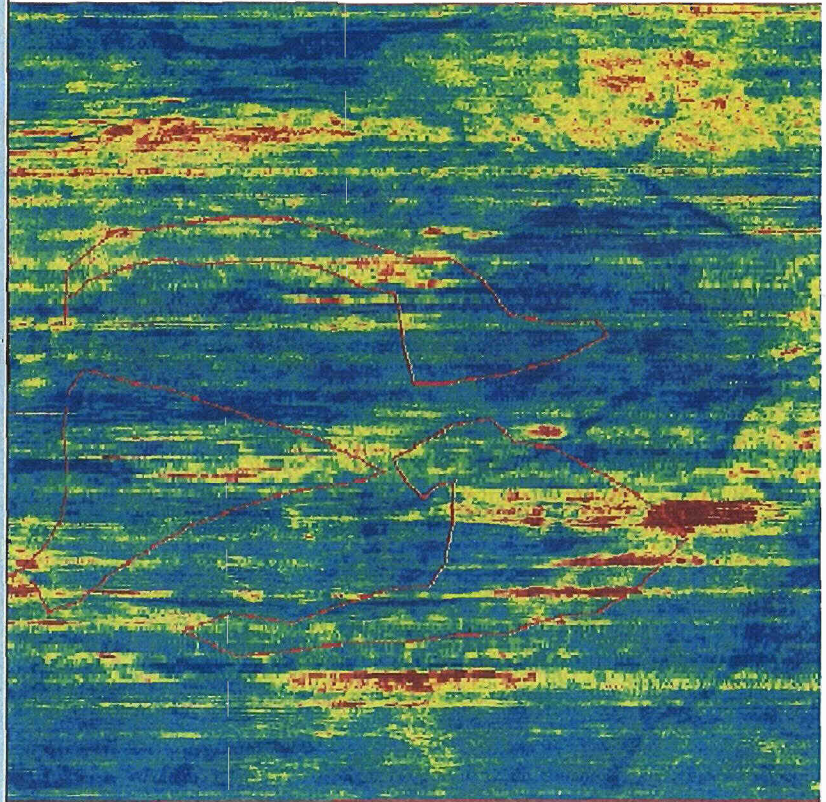
Helmman - Concept Systems



# Towed Streamer 4D Streamer Steering (DigiFIN)

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

Measured 4D Noise

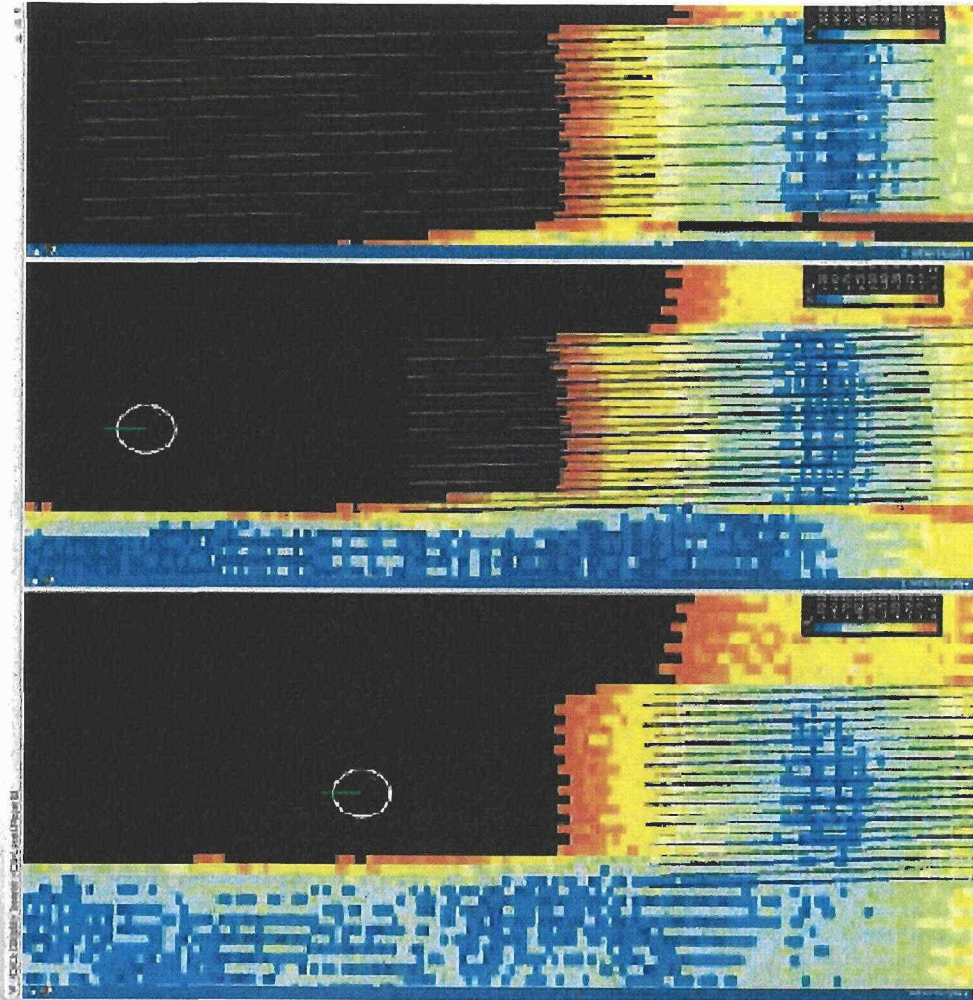


# Towed Streamer 4D Streamer Steering : DigiFIN -- 4D Imaging Benefits

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

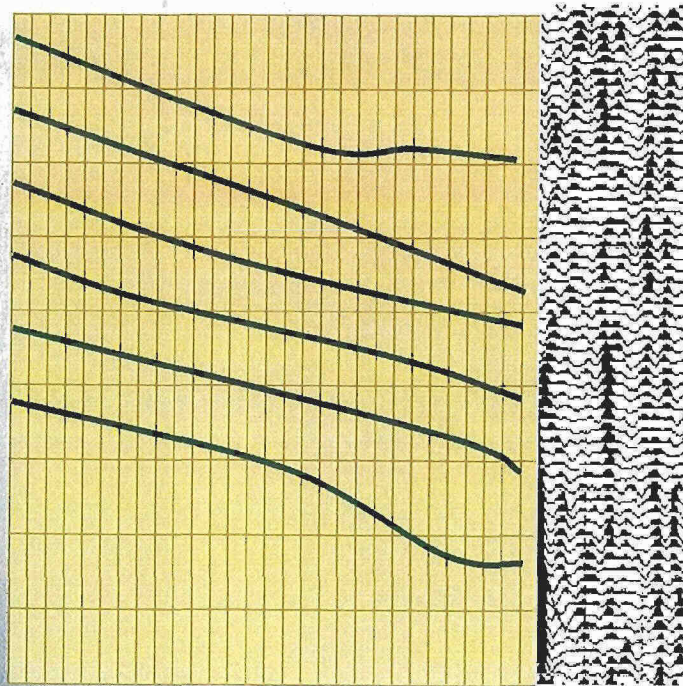


Coming Soon !

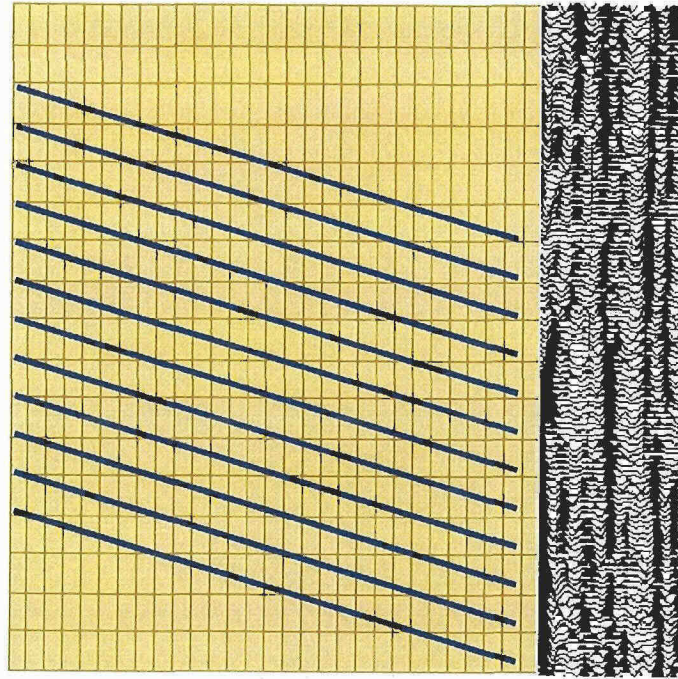


# Towed Streamer 4D Streamer Steering : DigiFIN – 3D Imaging Benefits

- 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

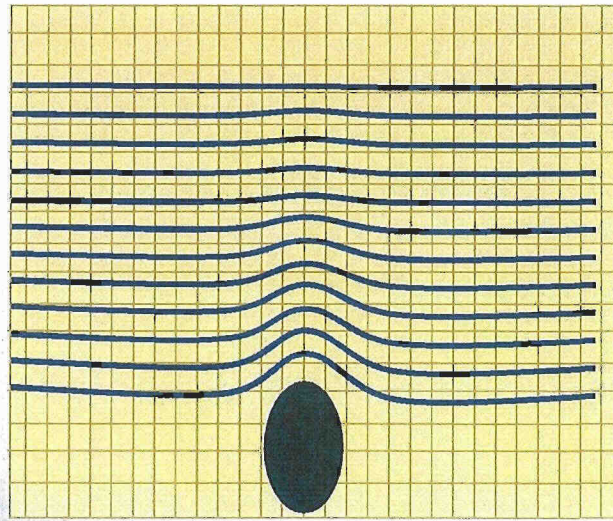
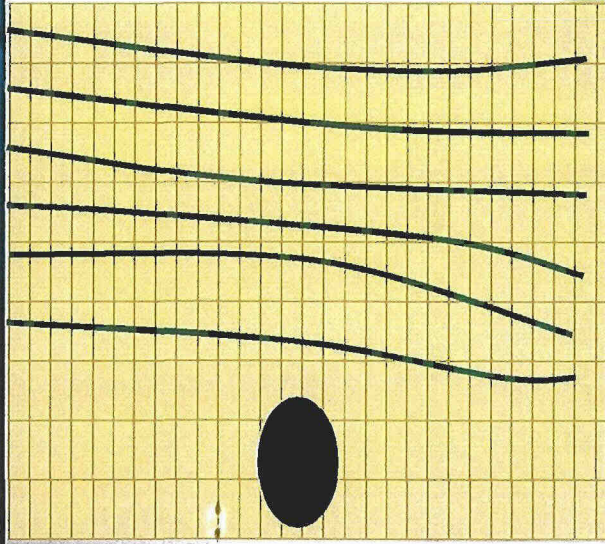


*DigiFIN enables reduced  
cross line bin size &  
enhanced resolution*



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

Reduced risk &  
improved illumination  
around obstructions



Without DigiFIN



With DigiFIN

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