

Acoustics in Deployment

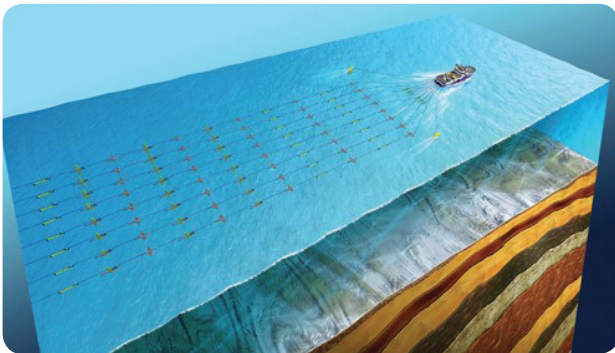
IMPROVED SAFETY AND EFFICIENCY IN TOWED STREAMER OPERATIONS

- Streamer control during deployment & retrieval
- Complete acoustic positioning cycle time < 1 second
- Uses existing DigiRANGE/CMX devices and deployment spacings
- Works in a dynamic network environment including during turns

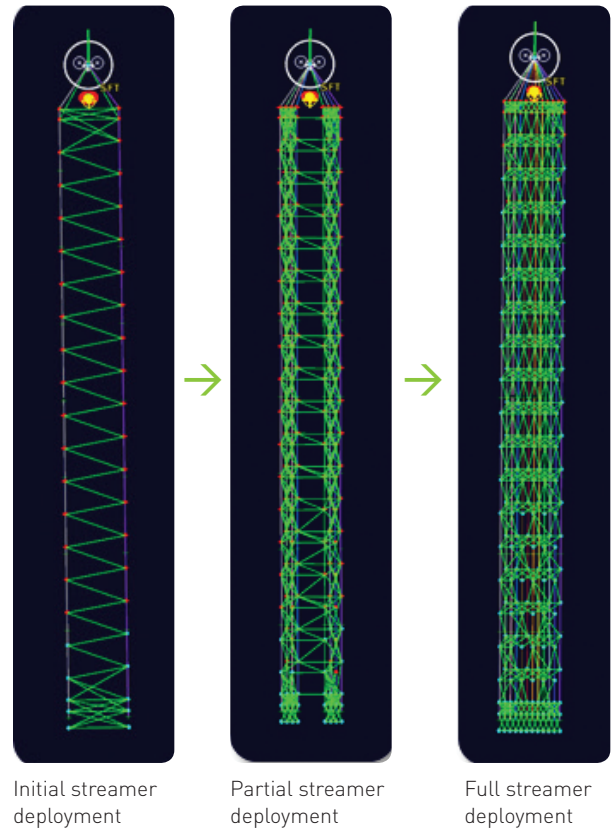
Streamer deployment is one of the most time-consuming and potentially hazardous activities undertaken during towed-streamer acquisition operations. ION's new Acoustics in Deployment technology builds on a long history of marine seismic technology developments and drives improved safety and efficiency by understanding real-time positioning during deployment, retrieval and turns.

KEY BENEFITS

- Accelerated deployment and retrieval. The use of Acoustics in Deployment can reduce streamer deployment times by up to 50%, representing a potential 36-hour saving per deployment and retrieval operation
- Sparse transmit, dense receiver acoustic network uses existing DigiRANGE/CMX acoustic devices and deployment spacings
- Streamer steering during deployment provides greater control and therefore a reduction in risk
- Fully automated process—no user intervention is necessary and no in-water configuration changes are required



Real-time acoustic positioning during streamer deployment cycle



About ION

ION has been a technology leader for 50 years with a strong history of innovation. Leveraging innovative technologies, ION creates value through data capture, analysis and optimization to enhance companies' critical decision-making abilities and returns. Our offerings are focused on improving E&P decision-making, enhancing reservoir management and optimizing offshore operations.