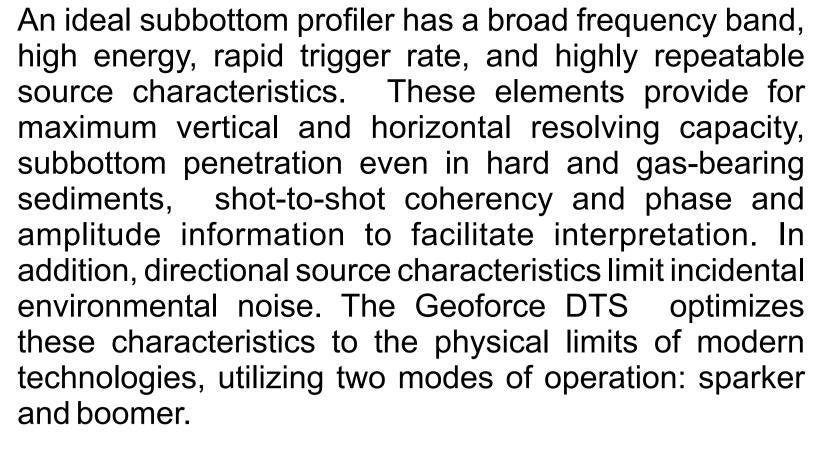
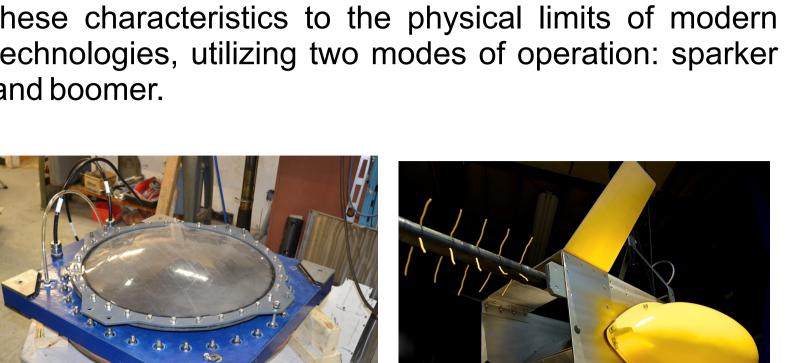
## ULTRA-HIGH-RESOLUTION IMAGING OF SUBMARINE LANDSLIDES: THE GEOFORCE GROUP LIMITED BOOMER AND/OR SPARKER SUBBOTTOM PROFILER



D.C. Mosher<sup>1</sup>, G. Standen<sup>2</sup>, and D.C. Campbell<sup>1</sup>





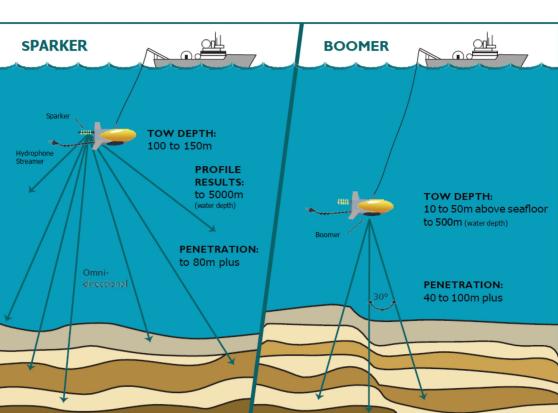
\_ 1200

₼ 1300

1400

1500

Burial of debris flow



expansion of the boomer plates accelerates a

cylindrical plug of water mass that creates a highly

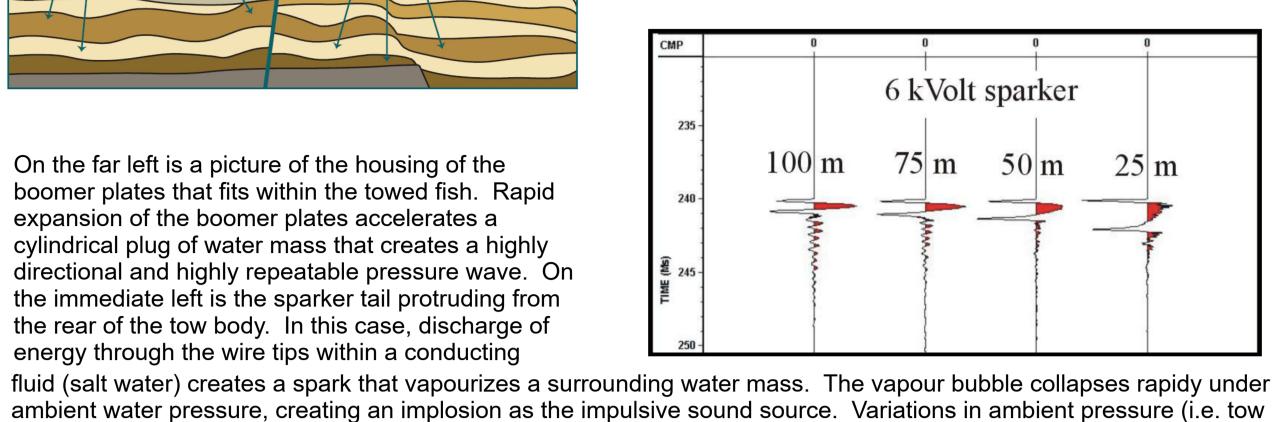
directional and highly repeatable pressure wave. On

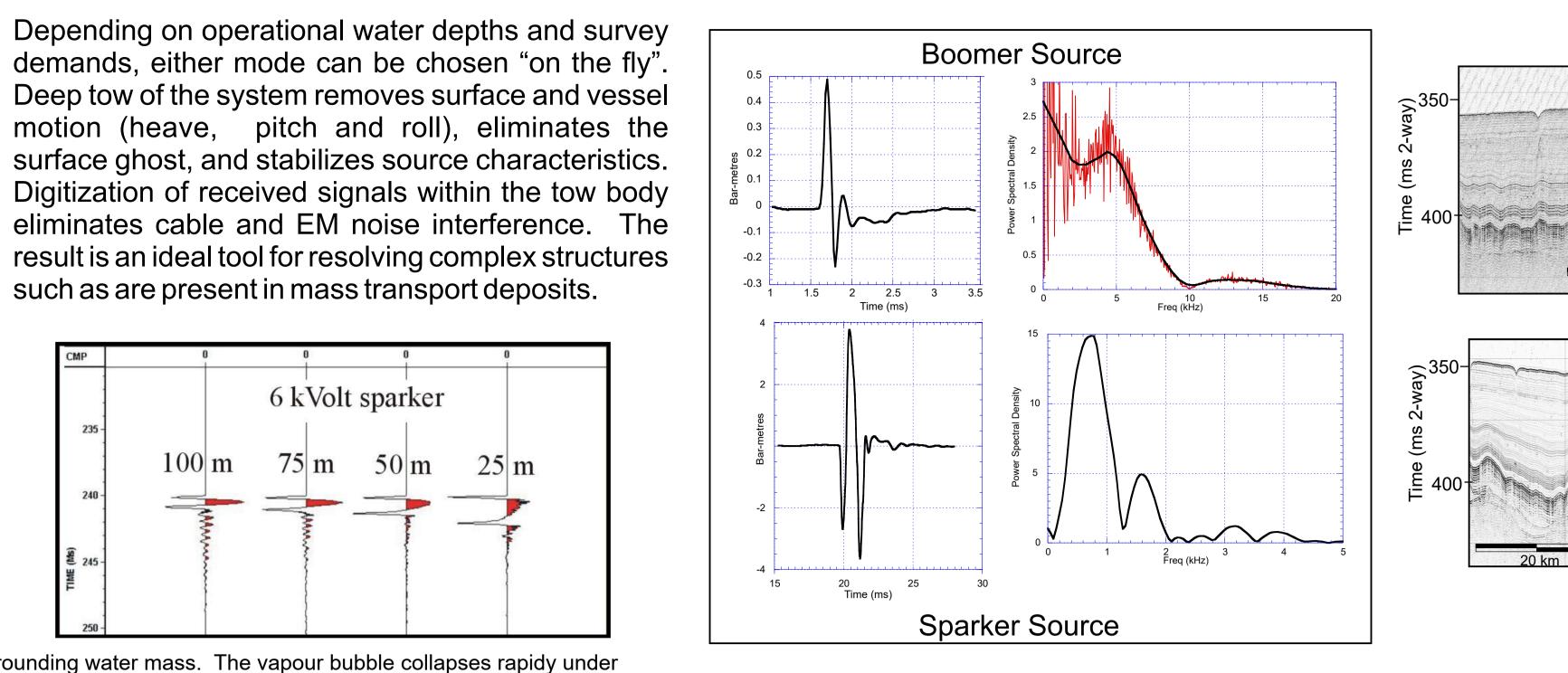
the immediate left is the sparker tail protruding from

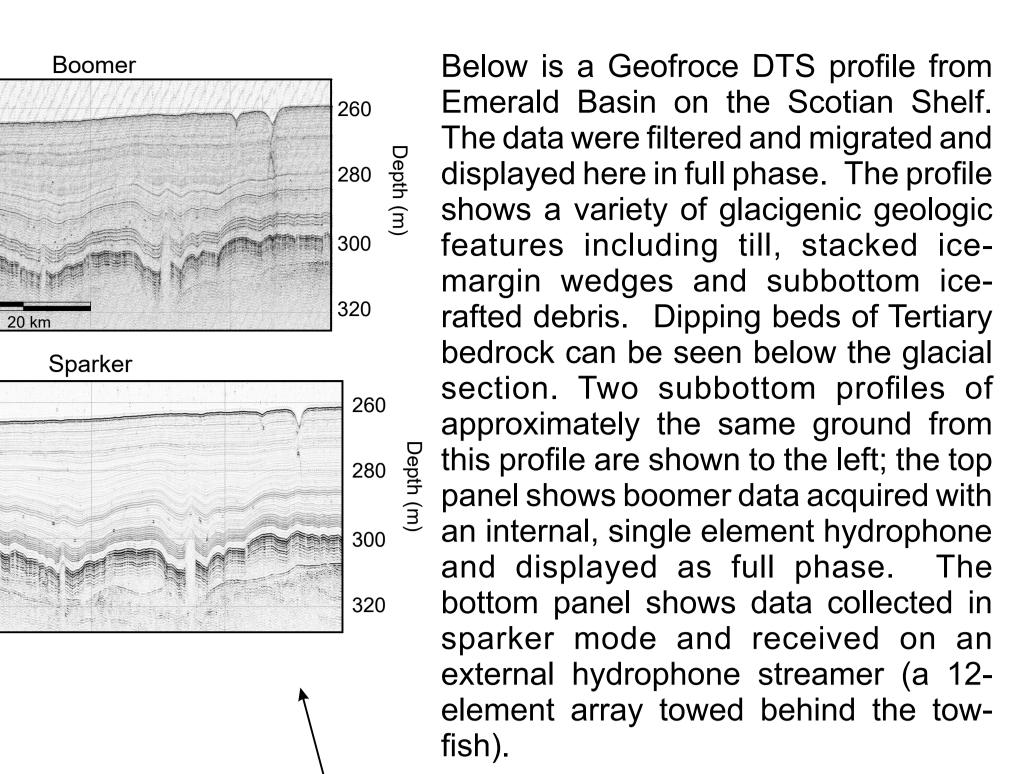
the rear of the tow body. In this case, discharge of

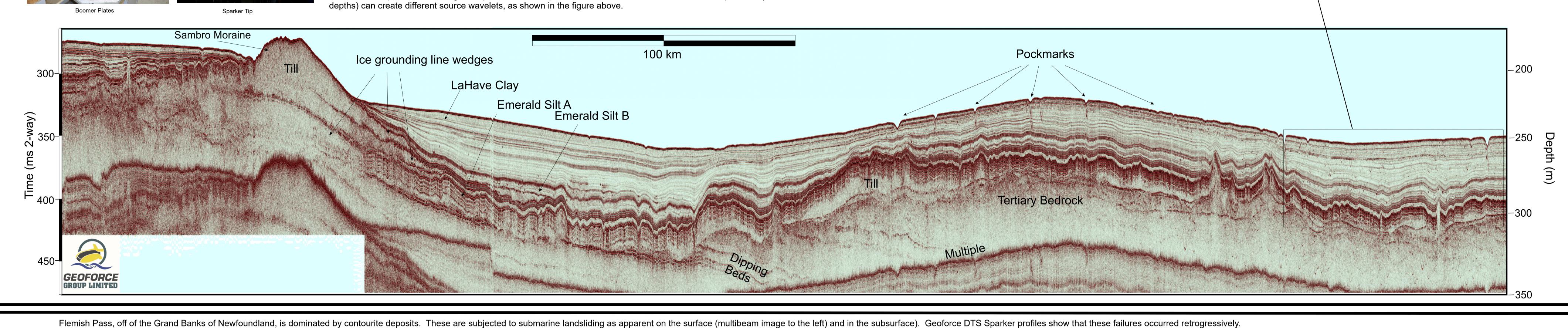
energy through the wire tips within a conducting

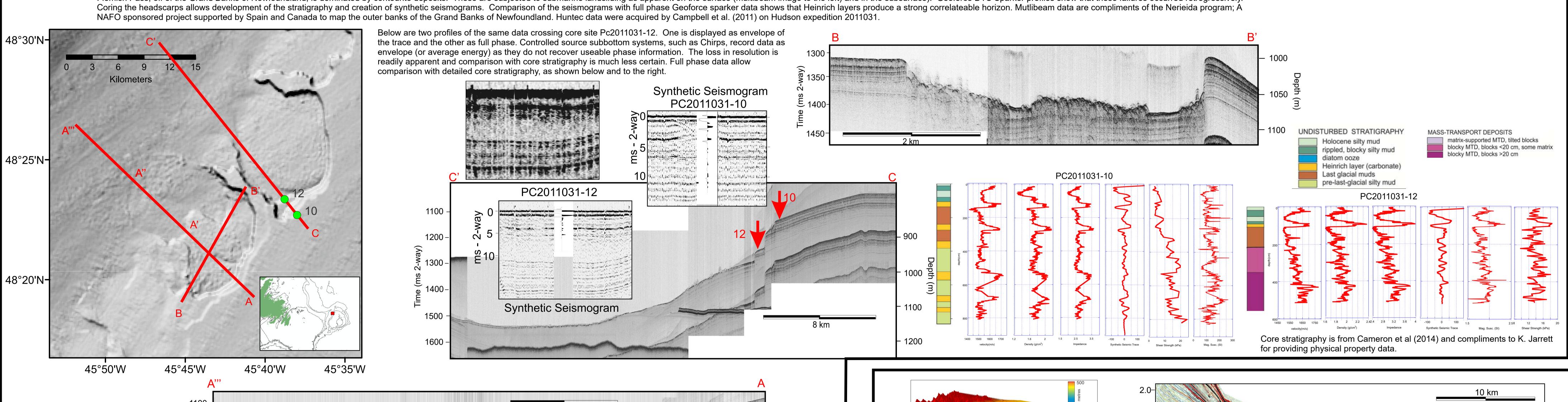
eliminates cable and EM noise interference. The result is an ideal tool for resolving complex structures such as are present in mass transport deposits. On the far left is a picture of the housing of the boomer plates that fits within the towed fish. Rapid











Headwall (100 m)

Sea surface return multi-

