

MARINE EM REMOTE SENSING (MEMRS®) SURVEYING METHOD

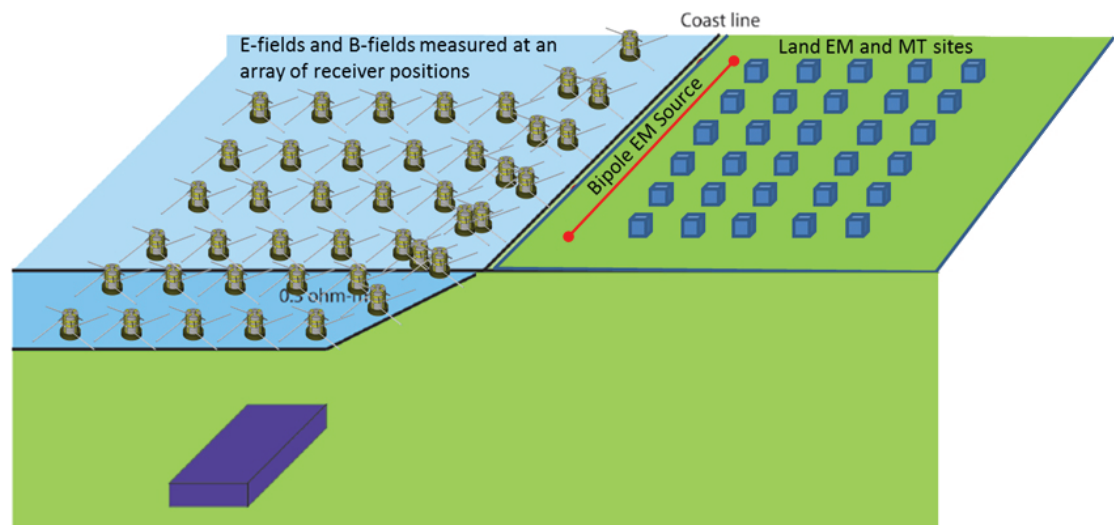
MEMRS® offshore exploration consists of a very high moment onshore transmitter with a large array of offshore and onshore electric and magnetic field receiver. There are several advantages over traditional marine exploration techniques

- Provides marine EM sensing service at only 30% the cost of conventional CSEM.
- The receiver deployment requires a much smaller vessel than a conventional CSEM vessel thereby minimizing vessel costs per day.
- The method utilizes a rapid system for the deployment and recovery of the receivers. This significantly reduces the time required to layout the receiver fleet and to recover the receivers post source transmission.
- The MEMRS® source transmission time is significantly less than the typical CSEM source transmission time, providing further time savings.

With a swifter survey methodology and a lower cost base, sub-surface resistivity images up to 30km from the coast line can be more cost effectively acquired with MEMRS® than with more traditional nodal CSEM methods and access the near shore environment unlike streamer CSEM.

A longer transmitter bipole and greater stacking times as provide better data quality.

TechnoImaging exclusively can provide this service (US Patent No. 7,969,152; International patents are pending)



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