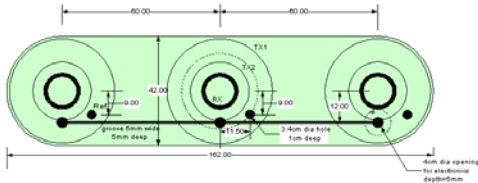


Underwater GEM-3 EMI Sensor Array for Detecting Unexploded Ordnance

This underwater array contains three 40-cm diameter GEM-3 sensors in a row, each of which operates in sequence for 1/30th of a second. Therefore, the overall sampling rate is 10 Hz, quite adequate considering the speed of most waterborne vessels.

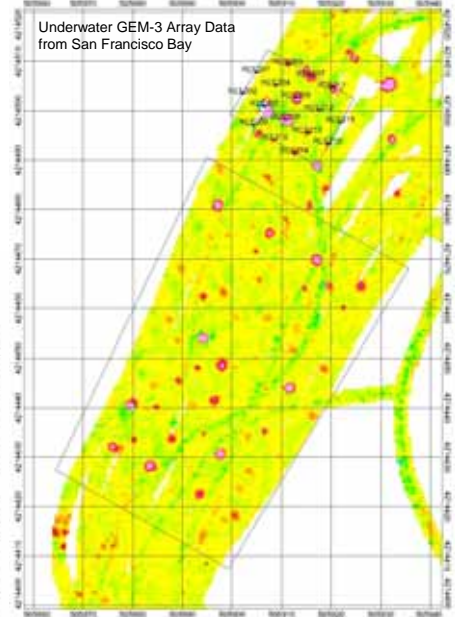
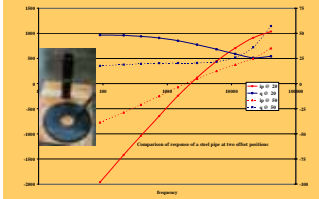


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GEM-3 Array Specifications

Survey Swath	180 cm
Dimensions	40cm x 180 cm x 3cm
Transmitter current	30 amp RMS max
Power supply	12 VDC
Frequency range	90 Hz to 96 kHz
Number of frequencies	Programmable 10-12
Sampling rate	10 Hz

Electromagnetic Induction Spectroscopy



MINS Proveout & Reference Grid Data
Geophex GEM3 Marine System #1 - SIN-0001

