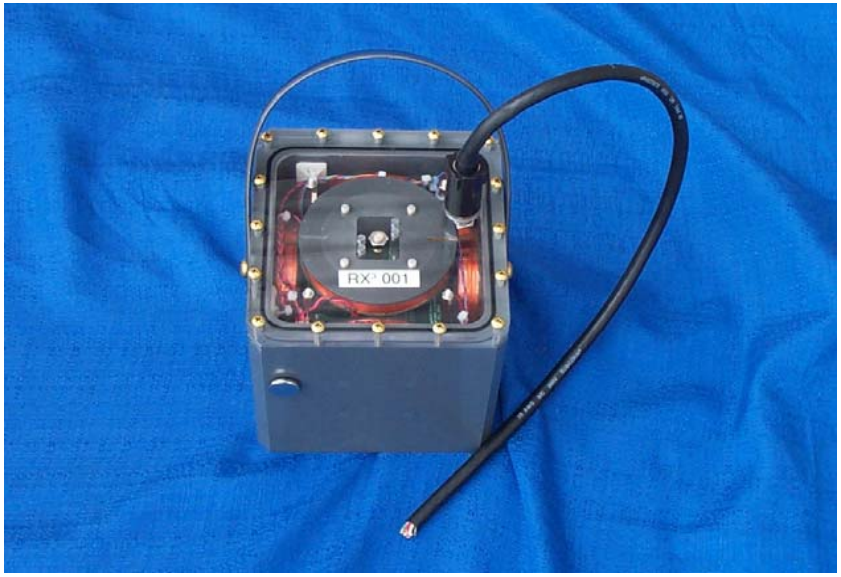
Magneto-Inductive Systems Limited

MI Technology Overview

2003 Mines, Demolitions and Non-Lethal Conference and Exhibit

September 10, 2003

Magneto-Inductive Firing Device

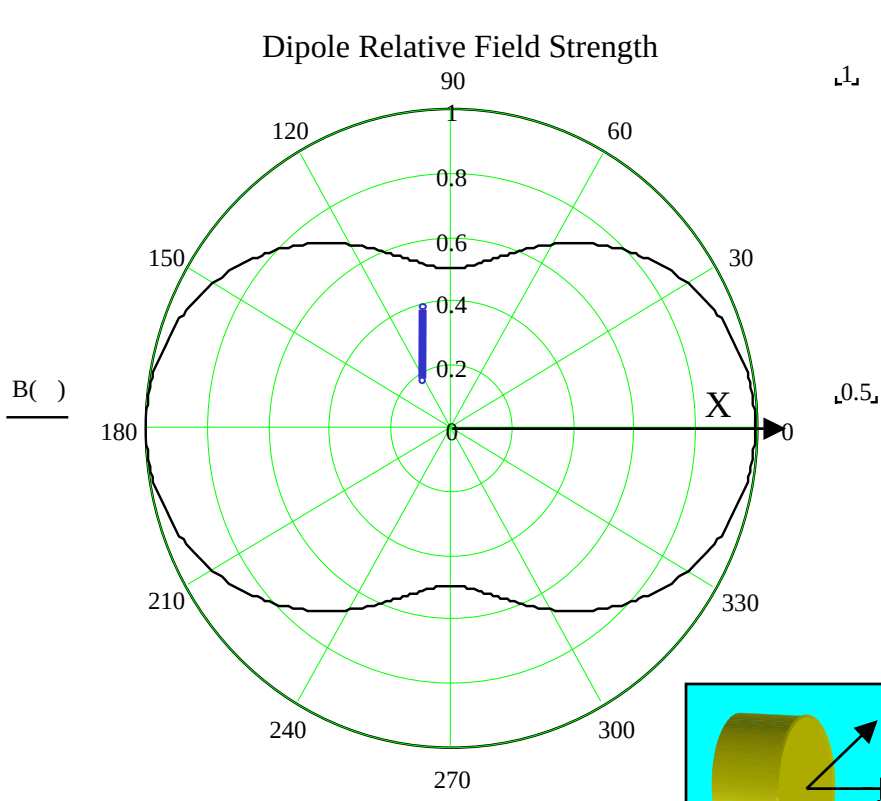


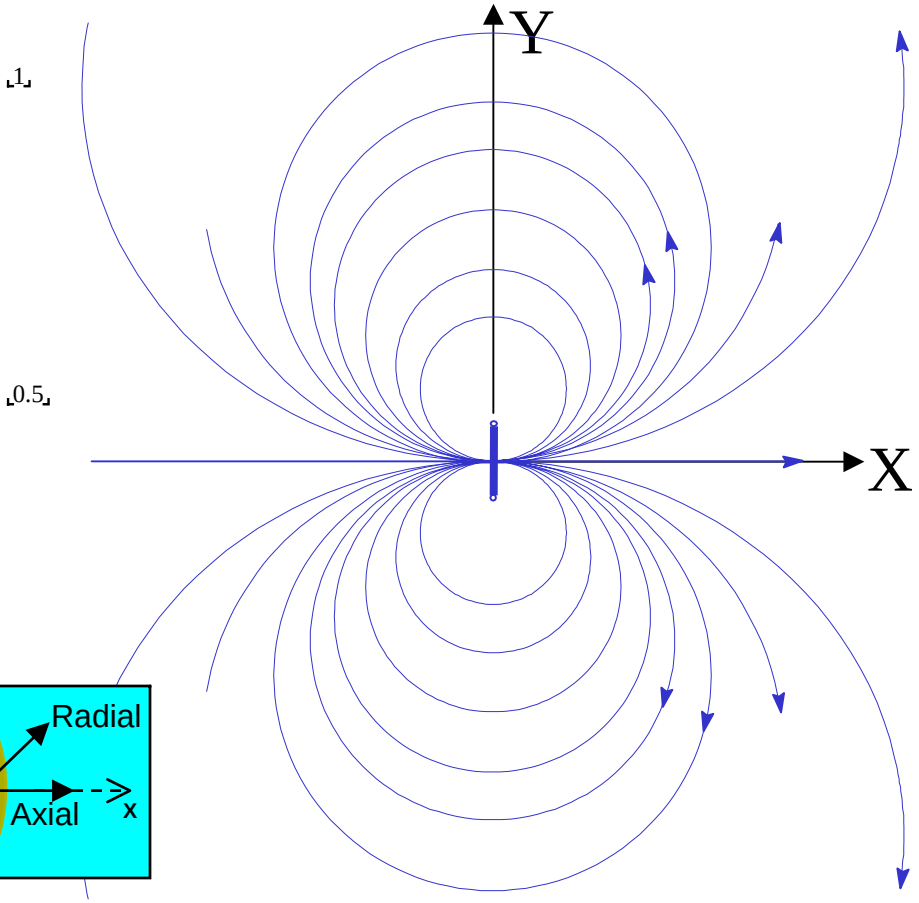
NAVSEA
PANAMA CITY
Coastal Systems Station

Magneto-Inductive UBV Transceivers

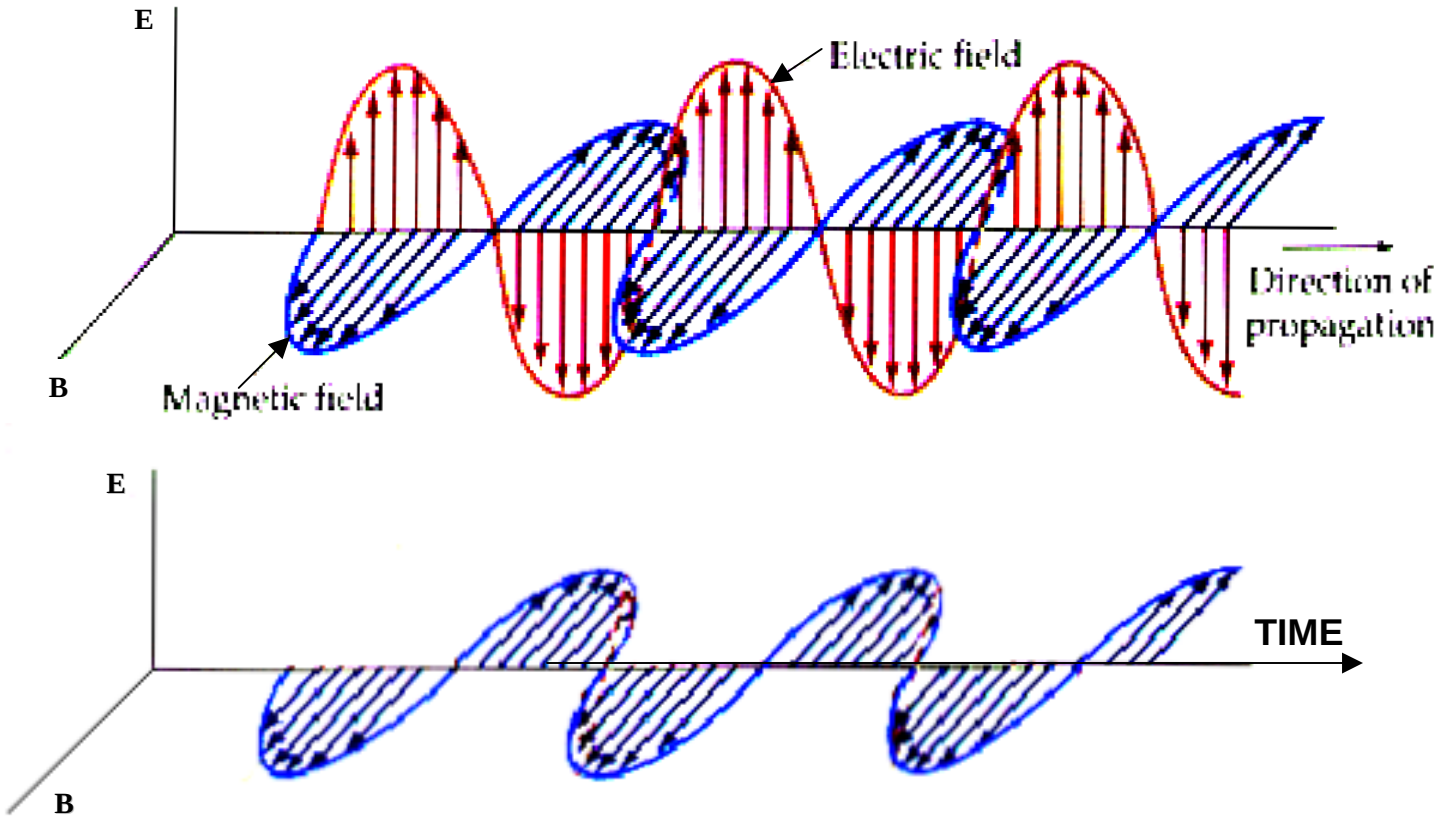
NAVSEA PANAMA CITY Coastal Systems Station

Dipole Field Distribution

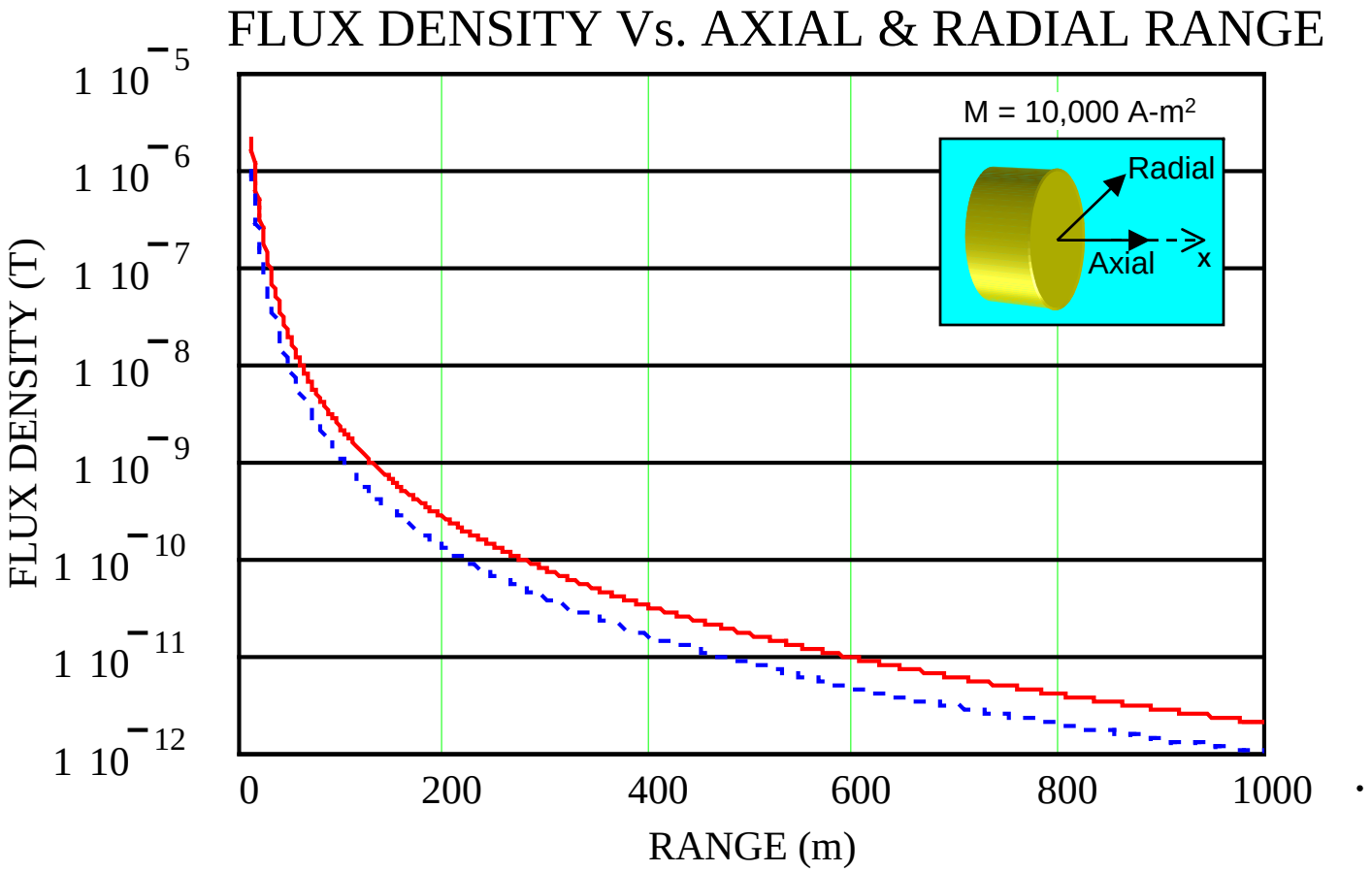




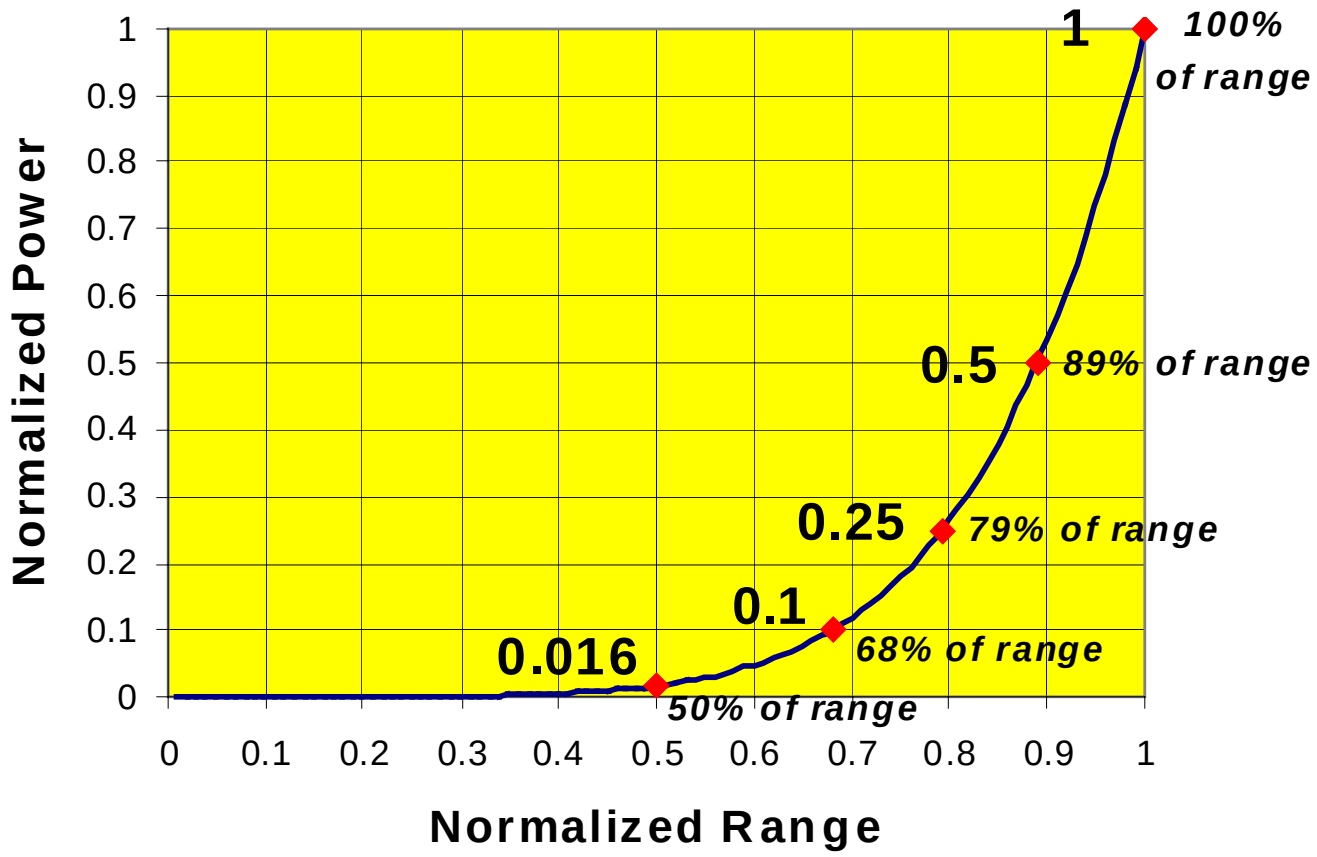
Electric and Magnetic Fields



Field Strength vs. Range in Air



Power vs. Range for an MI System



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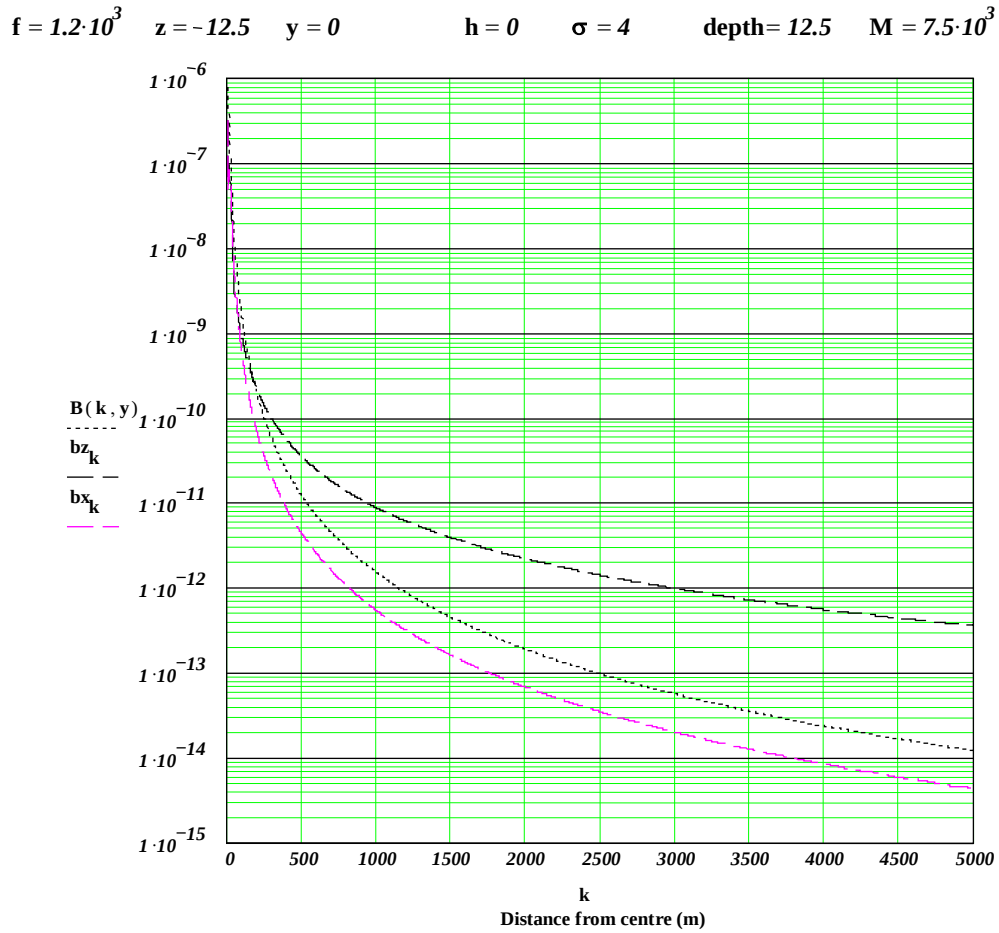
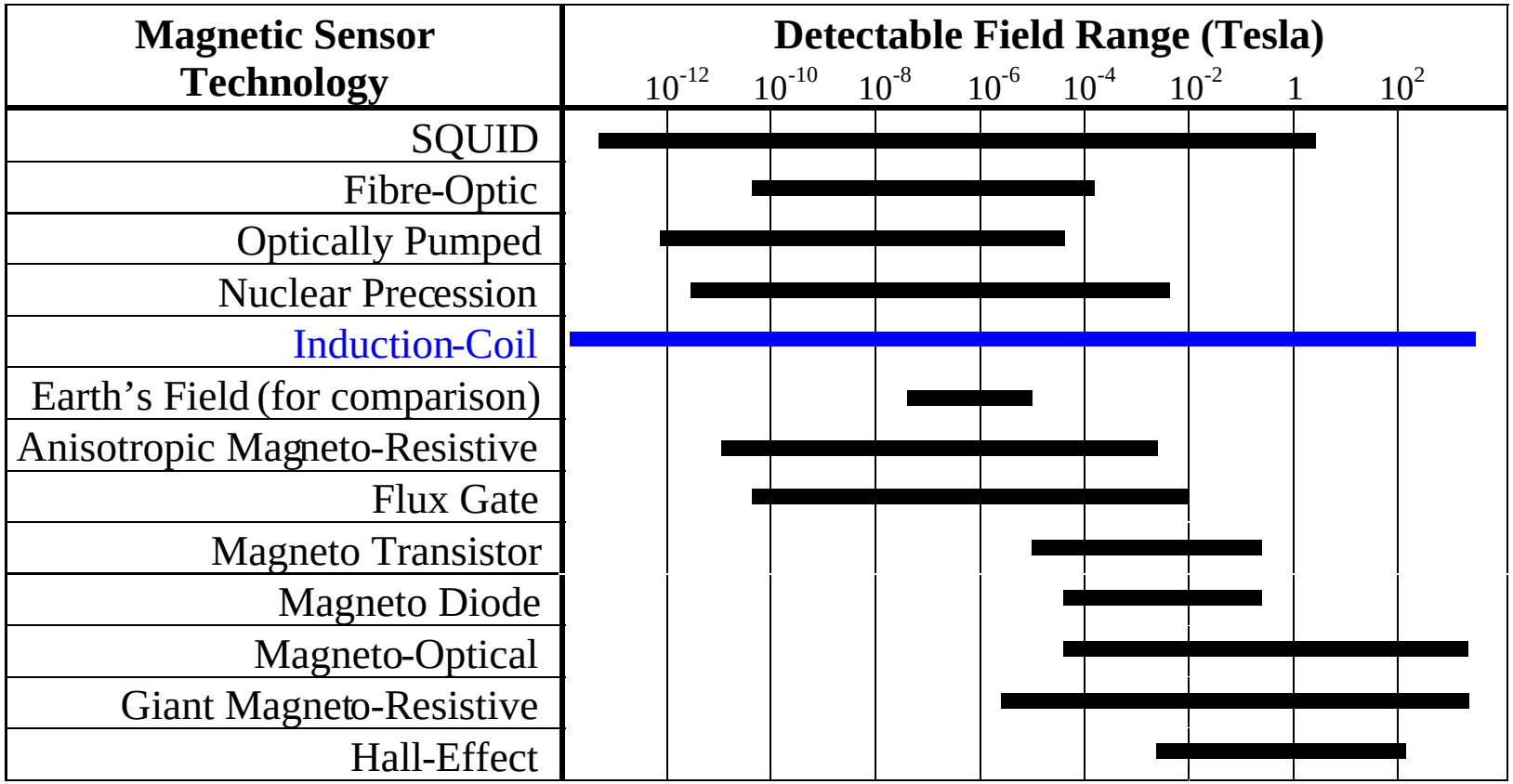
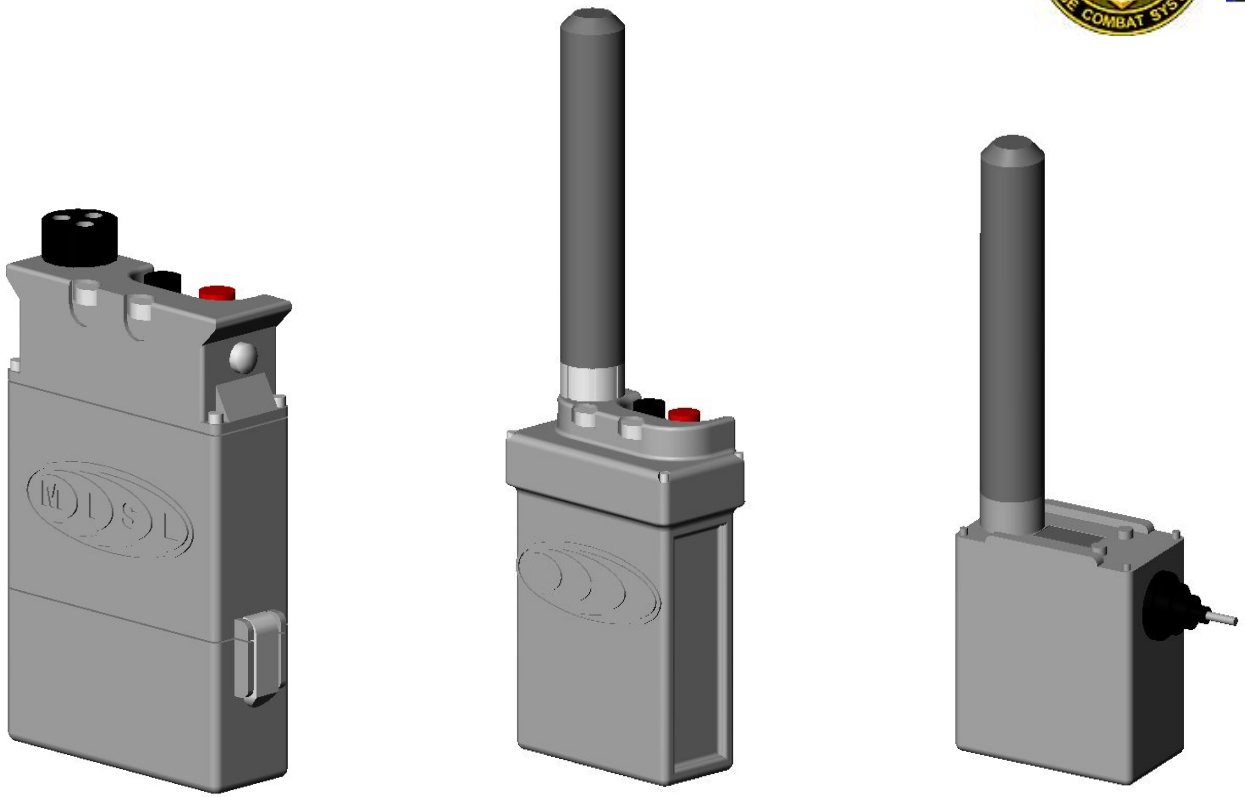


Sensitivity vs. Range: 7500 A-m^2

MI Sensors


Magnetic Sensor Technology
Detectable Field Range (Tesla)
10^{-12}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
1
10^{2}
SQUID
Fibre-Optic
Optically Pumped
Nuclear Precession
Induction-Coil
Earth's Field (for comparison)
Anisotropic Magneto-Resistive
Flux Gate
Magneto Transistor
Magneto Diode
Magneto-Optical
Giant Magneto-Resistive
Hall-Effect

Magneto-Inductive Remote Activation Munition System (MI-RAMS)



Magneto-Inductive SPHINX 2 Launcher

Lacroix Galix Family of Ammunition

DAB.T31-99-M:0431

GALIX
A COMPLETE RANGE OF AMMUNITION

ETIENNE LACROIX

GALIX 4 : SELF PROTECTION AMMUNITION
GALIX 6 : IR DECOY
GALIX 7 : ILLUMINATION ROCKET
GALIX 13: MULTI-BAND SMOKE SCREENING AMMUNITION
GALIX 15: CS GAS AMMUNITION
GALIX 17: SMOKE SCREENING TRAINING AMMUNITION
GALIX 18: SELF PROTECTION PRACTICE AMMUNITION
GALIX 19: STUN AMMUNITION

GALIX system is developped in cooperation with GIAT Industries

Magneto-Inductive Systems Limited

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