

LONG RANGE ACOUSTIC DATA TRANSMISSION

BASED
ON
BELL RINGING TECHNIQUES



LONG RANGE ACOUSTIC DATA TRANSMISSION

BELL RINGING:

PRACTICAL RANGE >100km

HIGH DATA INTEGRITY

NEW APPROACH



LONG RANGE ACOUSTIC DATA TRANSMISSION

BELL RINGING:

1.2 KHz ARRAY OR BUOY

MESSAGING SYSTEM

HIGH PROBABILITY OF RX



LONG RANGE ACOUSTIC DATA TRANSMISSION

BELL RINGING:

INFINITE MESSAGING

OVERCOMES REQUIREMENT
FOR SYNCH

MAXIMISES USE OF
OCEANOGRAPHIC
CONDITIONS



LONG RANGE ACOUSTIC DATA TRANSMISSION

BELL RINGING:

APPLICATION

UNDER ICE

LONG MISSION

RECOVERY BY A/C
DROPPED BUOY

