

SGK 株式会社SGKシステム技研
SGK SYSTEM GIKEN CO., LTD

Searching and Locating Sonar System



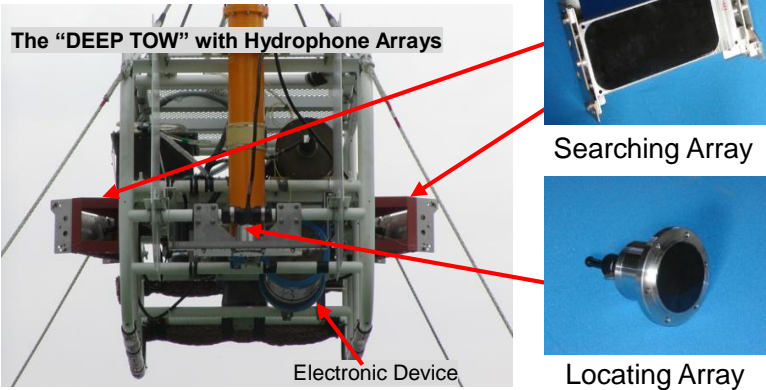
H2A Rocket

(Photo from JAXA's homepage)



The Pinger

This sonar system can be used for searching and locating the object on the seabed which attached a small pinger. This system consists of 2 kinds of passive sonars, the forward searching sonar and downward locating sonar. This system was developed for searching and locating the H2A Rocket's booster dropped in the Pacific Ocean. The Maximum operating depth is 6500m.

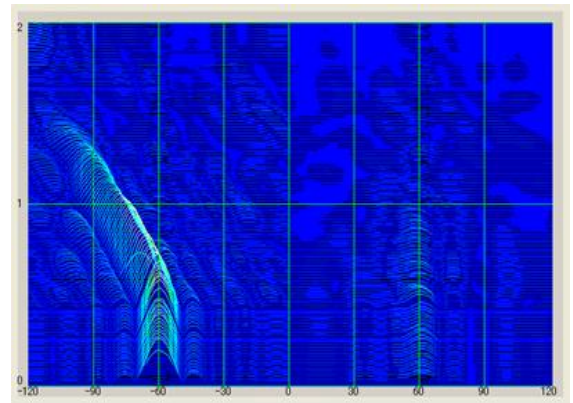


The "DEEP TOW" with Hydrophone Arrays

Electronic Device

Searching Array

Locating Array



Searching Display (Bearing-Time)

SPECIFICATION	
Receiving Method	Preformed Array
Receiving Frequency	37.5kHz ±1kHz
Receiving Sensitivity	
Searching	80dB (0dB=1V/1μPa)
Locating	110dB (0dB=1V/1μPa)
Maximum Operating Depth	6500m



Locating Display