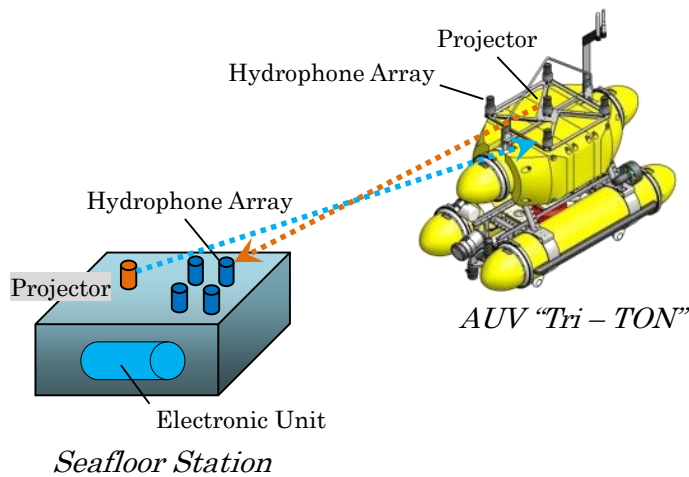


# Acoustic Localization and Communication System (ALOC)



- ALOC is a system for communicating and measuring the mutual position between Seafloor Station and AUV. This system has been used for navigation of AUVs near the seafloor, and offers real-time communication and accurate positioning. ALOC system was developed with the support of Maki Lab., Institute of Industrial Science, The University of Tokyo.

SPECIFICATION	
Transmitting Frequency	23kHz, 25kHz
Receiving Frequency	25kHz
Communication	FSK, 25kHz, 100b/s
Positioning	SBL, 25kHz chirp signal
Interface	RS232C