Miltech Simulations MH60

# ACST Page




1. ▣ **ACST Page Button**
2. ▣ **PG UP Button:** Alternate between Sonobuoy and Sonodipper pages.
3. ▣ **PG DN Button:** Alternate between Sonobuoy and Sonodipper pages.
4. **Instrument Return Information**

## Loading and Deploying Acoustic Elements

Please read Acoustic and Antisubmarine Operations

## Using Acoustic Elements

Please note that ACST Pages **will only fuction as depicted with Miltech Mission Hub**, and when using compatible mission modes (Submarine Attack, Submarine Intercept). More information: Broken mention

Use the ACST Button on the Mission Display to open the Acoustics page. Use PG UP and PG DN buttons on the right side bezel to alternate between Sonobuoy and Sonodipper.

We recommend using the Copilot MD for Acoustics, as this display is replicated on the ASW Console in the cabin.

## Sonobuoys




*Acoustics Page, Sonobuoy*

Up to four Sonobuoy instances can be displayed simultaneously. Releasing multiple buoys increases the accuracy of target localization. The vertical axis on the display represents the **bearing to the detected source**, in degrees, while the horizontal axis shows the **distance**, in yards.

Target returns typically appear as **dark spots** on the display. Sonobuoys are relatively cheap and expendable sensors, which means their acoustic returns often include a significant amount of background noise or interference, and have a limited range.

## Sonodipper




*Acoustics Page, Sonodipper*

The Sonodipper is a more advanced and precise system compared to sonobuoys, offering greater range and accuracy. Like sonobuoys, it presents contact information on a two-dimensional axis, with bearing to the target on the vertical axis and distance in yards on the horizontal axis. The Sonodipper can accurately determine both range and bearing to a contact, which appears as a green dot on the display. Additionally, the Hydrophone Scope shows the current depth of the sonar transducer below the water surface.