

Standard Operating Procedure #10

Using the Ricoh GPS Camera

Version 1.0 (November 7, 2018)

Change History

New Version #	Revision Date	Author	Changes Made	Reasons for Change	Previous Version #

Only changes in this specific SOP will be logged here. Version numbers increase incrementally by hundredths (e.g., version 1.01, version 1.02) for minor changes. Major revisions should be designated with the next whole number (e.g., version 2.0, 3.0, 4.0). Record the previous version number, date of revision, author of the revision, changes made, and reason for the change along with the new version number.

Purpose

This SOP describes how to use the Ricoh® GPS (Global Positioning System) Camera for the Pacific Island Network Anchialine Pool Monitoring Protocol.

General Procedure

The following steps describe how to use the Ricoh® GPS camera:

1. Load camera memos onto Ricoh® camera prior to sampling trip.
2. Perform the compass calibration procedure each time you move the camera more than 100 miles as instructed in Ricoh® Instruction Manual.
3. Turn on the Ricoh® camera and allow enough time for the GPS to receive signals from at least 4 satellites. Wait until you see *3D fix* displayed on the camera's display; this indicates that the GPS is receiving at least 4 satellite signals and can accurately map your location. A GPS point of where you are standing when the photo is taken will automatically be collected when you take a picture.
4. Be careful to not block the GPS receiver when taking photos. The GPS receiver says "GPS" and has a small antenna that extends beyond the camera body.
5. Select the appropriate field for each memo by pressing the ad/memo button. Select "OK" to set the memo.

6. Wait for 3D fix on the camera's display. Take a picture.