

# IRIS Best Practices



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**IRIS Education and Public Outreach**

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**IRIS**



# SAGE Proposal



Maintain a leadership role and aid with:

- Technical Advances
- Network Operations and Facilities
- Student and Professional Training

Increase access to and use of a range of IRIS materials

Increase the visibility and recognition of IRIS, and IRIS activities



Wine Glass Holder Necklace READ MORE...  
Wine Enthusiast \$17.00



Price: \$24.95

add to cart

Customer Review: 4.5 out of 5 stars

Write a review | Share this Product

- This item will be delivered in 10 business days with Standard Delivery.
- This product is not available for shipment to Alaska, Hawaii or Puerto Rico.
- This product can not be exported.

Buy a, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z



## Step 1: Collection

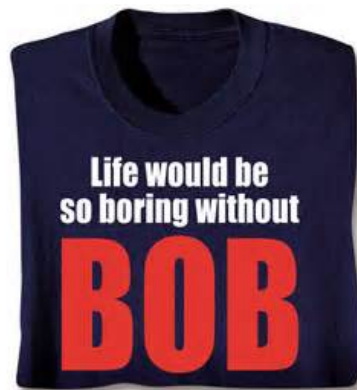


### THE REMOTE CONTROLLED BEVERAGE BUGGY.

This 1:12 scale remote-controlled dune buggy has cup holders that secure two 16 oz. cans or bottles of your favorite beverage, allowing you to dispatch the buggy to the refrigerator or cooler for more libation (willing accomplice not included).



radio trans  
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y requires  
W x 6 1/2"



RIP SkyMall

IRIS



# Step 2: Organization

## Portable Array Seismic Studies of the Continental Lithosphere

The IRIS Portable Array Seismic Studies of the Continental Lithosphere (PASSCAL) Instrument Center and EarthScope USArray Array Operations Facility (AOF) at New Mexico Tech support cutting-edge seismological research into Earth's fundamental geological structure and processes. The facility provides instrumentation for National Science Foundation, Department of Energy, and otherwise funded seismological experiments around the world.

### PASSCAL Links

- [PASSCAL Instrument Center](#)
- [Borrowing PASSCAL Equipment](#)
- [Request Support Letter](#)
- [Make an Instrument Request](#)
- [Experiment Schedule](#)
- [Experiment Map](#)
- [Polar Support](#)
- [Best Practices](#)





# PASSCAL General Instrumentation Training Document

## Section 1: RT130 Documentation

- Diagram RT130 Cable Connections
- RT130 GPS Orientation Guide
- RT130 Parameter Configuration (iFSC on iPod Touch)
- Install Sheet
- Service Sheet
- Demobilization Sheet

## Section 2: Q330 Documentation

- Q330 Cable Connections
- Q330 LEDs
- Q330 Timing
- Q330 Installation using a Clie - Example Document
- IR Port Clie to Q330 Communication
- Restoring and Backing up Clie from/to Memory Stick
- Willard Information Document
- Baler LEDs
- Emergency Baler Association Document





# Step 3: Redistribution

We're off the drawing board...but still not done!

IRIS  
InClass

BETA Version 0.2

Learn more about the InClass project, its development timeline, and how it's increasing the quantity and enhancing the quality of seismology education!

## Get Started

### Explore Pre-Built Instructional Sequence

*How much instructional time do you have available?*

#### Three Weeks

- Exploring earthquakes, their causes, their implications, and what they reveal about Earth.

OR

### Search for Individual Items

Find Resources



# Searchable Repository!

## Search for Individual Items

### ▼ Resource Type

[\[?\]](#)

- ☐ Animation
- ☐ Fact-Sheet
- ☐ Poster
- ☐ Software-Web-App
- ☐ Video

### ▼ Resource Level

[\[?\]](#)

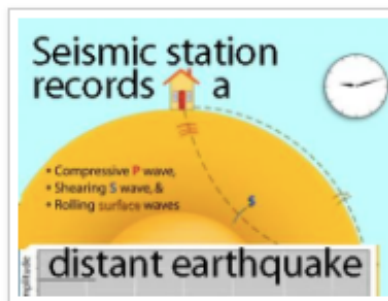
- ☐ Novice
- ☐ Intermediate
- ☐ Advanced

### ▼ Concepts

- ☐ Deformation & Faults [\[?\]](#)
- ☐ Earth's Interior [\[?\]](#)
- ☐ Earthquakes: Hazards [\[?\]](#)
- ☐ Earthquakes in the Earth System [\[?\]](#)
- ☐ Earthquakes: Locating & Describing [\[?\]](#)

Displaying **121** Resources

#### 1-Component Seismogram: Building responds to P, S, surface waves



Seismic waves travel through the earth to a single seismic station. Scale and movement of the seismic station are greatly exaggerated to depict the relative motion recorded by the seismogram as P, S, and surface waves arrive.

Animation | Novice

[View Details](#)

#### 3-Component Seismogram Records Seismic-wave Motion



We use a cow and a tree in this narrated cartoon for fun and to emphasize that seismic waves traveling away from an earthquake occur everywhere, not just at seismic stations. Watch them shake as they are struck by incoming P, S, and Surface waves.

Animation | Novice

[View Details](#)



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