

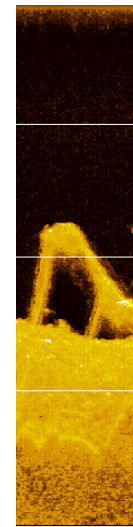
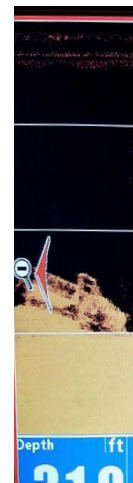
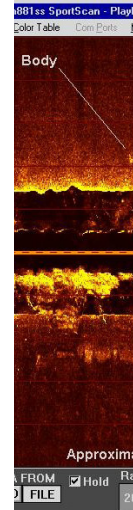
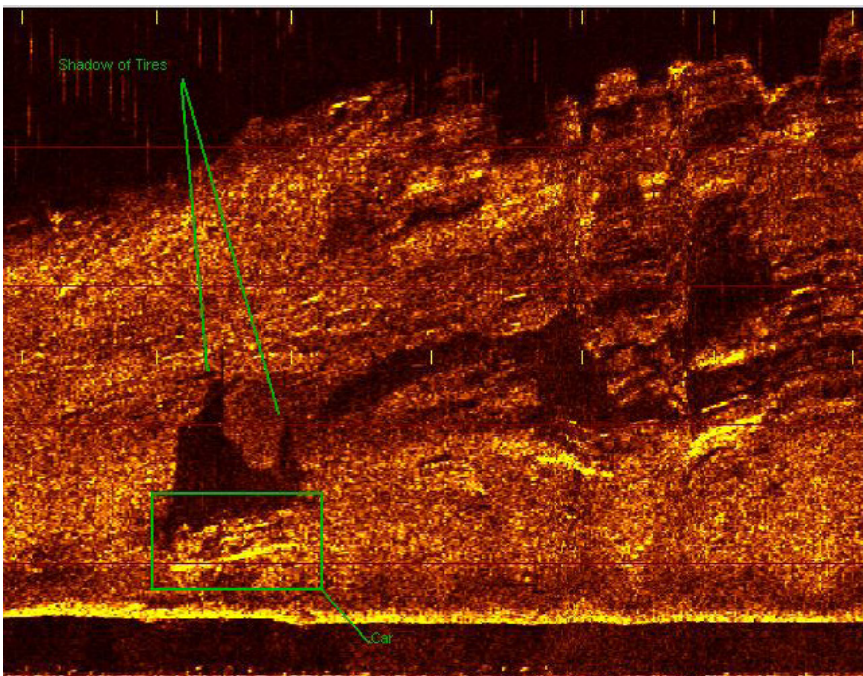


# HUMMINBIRD SONAR TECHNICIAN

LOVELAND, COLORADO  
WITH THE LOVELAND FIRE RESCUE AUTHORITY  
MAY 10 - 11, 2023

## WHAT YOU NEED TO KNOW

- OBJECTIVE** • This course trains teams to utilize Humminbird Side Scan Sonar maximizing department financial and personnel resources for underwater search missions.
- JUSTIFICATION** • This training readies agency personnel for underwater searches using side scan sonar. Humminbird sonar units are cost effective and extremely versatile. Any response team expected to perform underwater searches benefits from this training.
- CERTIFICATION** • Humminbird Sonar Technician
- RECOMMENDED FOR** • Anyone who responds to public safety underwater search events including divers and shore support.
- DURATION** • 2 Days / 16 training hours
- TUITION** • \$450.00 (US Funds) per student.
- BE SURE TO BRING** • US Coast Guard approved PFD with knife and whistle, adequate clothing and protection from the environment and pen and paper for note-taking and sketching.



## TOPICS

- Sonar Technology
- Sonar Frequencies
- Range vs. Resolution
- GPS and Sonar
- Sonar Shadows and Reflectivity
- Sonar Imagery
- Searching for Evidence and Weapons
- Where to Search
- Marking Targets
- Saving Data
- Post Mission Analysis
- Mastery of the Humminbird Unit
- Field Operations

## SCHEDULE

### DAY 1 of 2

- 8:00-8:30 Registration
- 8:30-12:00 Classroom
- 12:00-1:00 Lunch
- 1:00-5:00 Target Setting

### DAY 2 of 2

- 8:00-5:00 Field Exercises



## LOCATION OF CLASS

LOVELAND FIRE RESCUE  
AUTHORITY

3070 W 29th St

Loveland, CO 80538

**CLASS BEGINS AT 8:00 AM**

# HUMMINBIRD SONAR TECHNICIAN

LOVELAND, COLORADO  
MAY 10 - 11, 2023

## MAKING IT HAPPEN

### STUDENT PREREQUISITES

At least 18 years of age  
Member of a public safety agency

### TRAVEL

Check with Dive Rescue International and confirm class before making airline reservations.

### CANCELLATION

Prior to 3 weeks: Full Refund  
8-21 days prior: 50% Refund  
0-7 days prior: No refund

## SUGGESTED ACCOMMODATIONS

LA QUINTA INN AND SUITES  
1450 Cascade Ave  
Loveland, CO 80538  
(970) 622 - 8600

### AIRPORT

Denver International  
1 hour 15 minutes

## TO REGISTER

### ONLINE

[www.DiveRescueIntl.com](http://www.DiveRescueIntl.com)

### IN PERSON OR BY POSTAL SERVICE

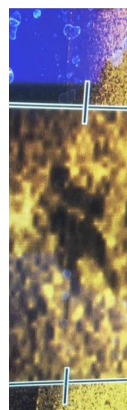
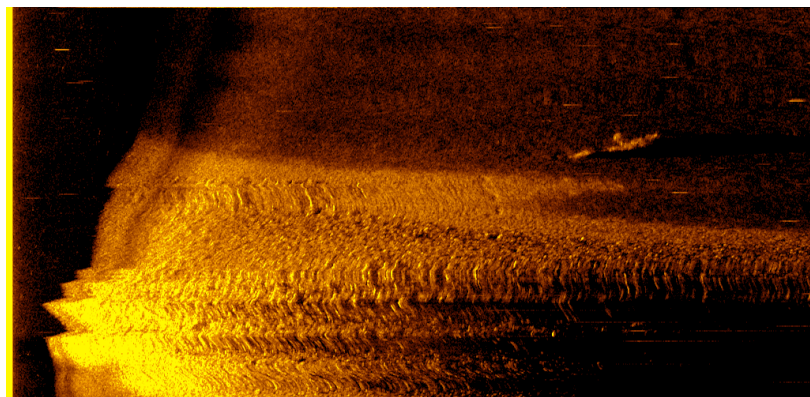
201 N Link Ln  
Fort Collins, CO 80524

### BY PHONE

(800) 248 - 3483 X. 18

### FAX THIS FORM

(970) 482 - 0893



## PLEASE REGISTER ME

First Name \_\_\_\_\_ Last Name \_\_\_\_\_  
Mailing Address \_\_\_\_\_  
Best Phone \_\_\_\_\_ E-mail \_\_\_\_\_  
Department \_\_\_\_\_ Department Phone \_\_\_\_\_

Payment Information (Credit Cards will be charged or Invoices will be sent 2 weeks before class)

☐ Personal Card ☐ Department Card

Credit Card Number \_\_\_\_\_ Exp \_\_\_\_\_ CVC \_\_\_\_\_  
Billing Address \_\_\_\_\_  
Name on Card \_\_\_\_\_ Phone Number \_\_\_\_\_

☐ Invoice my Department by Postal Service ☐ Invoice by E-mail

Purchase Order Number \_\_\_\_\_ **Please provide Dive Rescue International a copy of the PO**  
Finance Department Phone Number \_\_\_\_\_  
Finance Department Billing Address \_\_\_\_\_  
Finance Department E-mail Address \_\_\_\_\_