



# Sound Explorations Educator Packet



(360) 379-0438

*PO Box 1390*

*Port Townsend, WA 98368*

*Email: [programs@soundexp.org](mailto:programs@soundexp.org)*

*Fax: (360) 379-0439*

*[www.soundexp.org](http://www.soundexp.org)*

Dear Educator,

Thank you for choosing *Sound Experience* for a fun and exciting, hands-on learning experience aboard *Adventuress* for your group! This is an active learning and working voyage designed to enhance the curriculum in your classroom and build community through experiential programming aboard the schooner *Adventuress*.

This pre-trip packet contains important information about your upcoming voyage. Please read it over thoroughly and utilize the checklist to ensure all required documents are turned in prior to the trip. Included is an overview of curriculum for the Sound Explorations program, history and information about the ship, required paperwork, and reference and resource lists you may use with your class before or after the trip to enhance the learning experience. You may visit <http://www.soundexp.org/index.php?page=teacherinfo> for a few suggested activities for before and after your voyage.

I will contact you approximately three weeks before your trip to cover any last minute details and gather any additional information about your group and program interests relevant to this trip. We do our best to tailor the experience within our ability. Please do not hesitate to call if you have any questions or concerns.

Sincerely,

Amy Kovacs  
*Education Director*

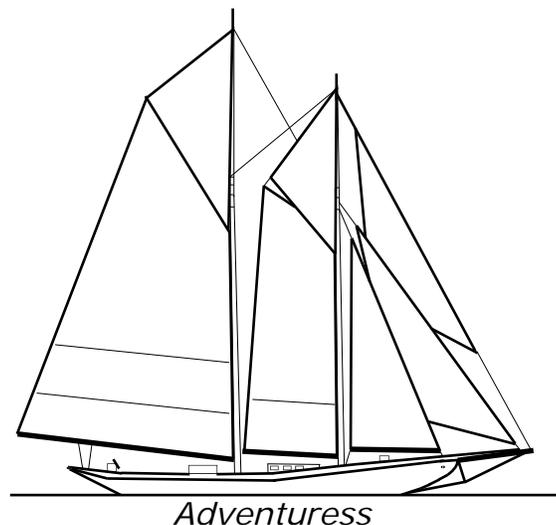
Sound Experience  
P.O. Box 1390  
Port Townsend, WA 98368

(360) 379-0438, ext. 2 (Phone)  
(360) 379-0439 (FAX)  
E-mail: amy@soundexp.org  
Website: [www.soundexp.org](http://www.soundexp.org)

## Welcome!

Sound Experience welcomes you to the historic schooner *Adventuress* for a voyage of exploration on Puget Sound. Thank you for choosing this memorable learning experience. Our staff looks forward to sailing with your group. When you and your group join us for your trip, you all will be taking part in an active learning and working voyage. You and your students will be considered part of the crew for the trip and expected to help in all aspects of operating and taking care of *Adventuress*.

When you step aboard *Adventuress*, you become a sailor from the past—no winches to rely on, no cruise ship staff to do all the work, only each other to help sail the schooner. You will become one of the thousands who have helped to set the sails, cook a meal in the galley, swab the deck on an early morning, and take the helm to bring her into anchor. You become part of tradition in its finest sense—a true working crew member—exploring the unique and scenic waterways of Puget Sound.



## The Vision and Mission of Sound Experience

### Vision Statement

We envision a future where everyone values Puget Sound/Salish Sea and the world's oceans, and chooses to act as stewards of their treasured waters.

### Mission Statement

Sound Experience sails the historic schooner *Adventuress* to educate, inspire and empower an inclusive community that works to improve our marine environment and celebrates our maritime heritage.

# Table of Contents

*Please feel free to copy and distribute any portion of this publication to your students and their families.*

## General Information

Group Leader Checklist.....	5
Sound Explorations Program Safety Overview.....	6-7
What to Expect.....	8
What Does a Typical Day Look Like.....	9
Rules and Guidelines.....	10
Accommodations.....	11
Galley.....	11
Health Information.....	11
Emergency Contact.....	12
Lost and Found.....	12
Ship's Store .....	12
Gratuities.....	12
Membership.....	12
Gear List.....	13

## Curriculum

Sound Explorations Curriculum and Goals for Student Learning.....	14
Sound Experience Lesson Summaries.....	15-18

## Pre- and Post-Trip Activities

Activity List.....	19
<i>Adventuress</i> Sail Plan and Specs.....	20-22
<i>Adventuress</i> History.....	23-24
Sea Shanties.....	25

## Parent and Chaperone Letters

Letter to Parents  
Letter to Chaperones

# Group Leader Checklist

You will have the choice to have students and parents fill out forms online or use hard copy versions. Please let the Education Coordinator know ASAP which you have chosen.

E-mail or copy and hand out the following forms to each student and parent/guardian **1 month prior** to your trip:

- Overnight Participant Booklet** (*attached in e-mail*)
- Online link to the Parent/Guardian forms—or contact the Education Coordinator to get hard copy forms to send out:**
  - Release Agreement\***
  - Medical Health History Form\***
  - Getting to Know You (filled out by student)**
  - Getting to Know Your Child**

For teacher/group leader to **fill out online**:

- Release Agreements\***
- Medical Health History\***
- Getting to Know Your Group\***
- Watch Group List\***
- Bunk assignments or notify Education Coordinator to have crew assign bunks** (read more on page 11)

\* Participants who do not have these signed by *a parent or guardian* when embarking the boat will not be able to sail.

**Please make sure that the above forms are turned in by the date on your e-mail, approximately 2 weeks prior to your trip**

Please bring the following with you **the day of** your trip:

- Participant Demographics Form** (*page 34*)
- Student Medications** clearly labeled and in original containers, to be distributed by shipboard medical officer or teacher

# Safety

Safety is always our highest priority! In our 25 years of educational sailing programs, Sound Experience has provided safe field trips for more than 60,000 participants. The following is an outline of safety policies and procedures aboard *Adventuress*.

*Adventuress* is annually inspected by the U.S. Coast Guard to make sure she's in safe operating condition and able to provide safe programs for participants of all ages. Our Captain and First Mate are licensed by the Coast Guard, and all of our staff are trained to prevent accidents and to respond in the event of an emergency. As a participant, you will play an important role in making the ship a safe environment: keeping safety in mind at all times, being aware of the hazards of the ship's environment, and taking precautions to be sure no accidents happen.

## Staff-to-Participant Ratio

Our low student to crew ratio (6:1 or higher) ensures that students remain under constant supervision at all times during the course of the programs. In addition, our crew have been trained in a variety of techniques to work with any discipline problems that might occur.

## Our Crew

Sound Experience crew consists of a Captain, First Mate, Program Coordinator, at least six Environmental Educators, Engineer, and Galley Coordinator. Each crew member is selected on the basis of environmental and marine science background, ability to teach and work with youth, ability to supervise, and sailing skill. Every crew member is required to have current First Aid and CPR or greater certification. Before participating in programs aboard the ship, crew members complete extensive training designed for safety and operation of the ship as well as program implementation. More important than any of the quantifiable criteria is our requirement that the crew be mature, responsible, and able to provide a safe, enjoyable learning experience for your students.

The Captain and First Mate are primarily responsible for the safe operation of the vessel. The Program Coordinator organizes what happens during the trip and makes learning opportunities available to you. In the galley, the Galley Coordinator works together with Watch Groups to provide delicious meals day in and day out. Each Watch has two Watch Leaders who teach the group about sailing and environmental topics. Any crew member will help you if you have a question or a problem—and if they don't have the answer, they'll help you track it down. There are approximately 12 crew aboard for each trip.

## Safety *(continued)*

### **Safety Procedures During Sound Explorations Voyages**

When students arrive at the marina, and before they step on the dock, they are met by crew who lead them with their gear down to the boat. Once all gear is safely loaded, students will be invited aboard and will meet at the stern for a welcome and introduction circle.

At the end of the introduction circle, the Captain, the Mate and the Program Coordinator will address the whole group and share Sound Experience's priorities:

1. Safety
2. Learning
3. Having Fun

The Captain then discusses basic safety protocols, delineates the off-limits areas of the vessel, answers questions, and demonstrates the proper way to wear a lifejacket.

We motor and sail during the program. The vessel motors when leaving and returning to the dock and at any other time the Captain determines it is prudent to do so. When under sail with youth groups, the Captain determines how many of the four working sails the ship will set. This decision varies from day to day and program to program and is based on weather conditions, vessel traffic in the area, and program goals. *Adventuress* is always operated in a safe manner.

Once underway, students will go through a more extensive shipboard orientation with their watch leaders, including a below-decks orientation, an on-deck orientation, and an introduction to line handling. Students must undergo line handling training prior to handling any lines on belay pins.

For more information or clarification of our safety procedures, please call the Sound Experience office at (360) 379-0438. If you would like to speak with teachers or administrators from other groups that have participated in our programs, we will be happy to give you their names. By far, the best way to understand the quality of our program and our commitment to safety is to personally join us and observe a program. There is a guest space available on most programs—please call the office to reserve a space.

### **What to expect prior to a trip:**

After you have booked a trip, the Education Coordinator will be in touch to schedule an initial phone call to go over the trip and overall goals. After the phone call, an e-mail will follow about 1 month prior to your trip. The e-mail will include this packet, the student packet, and all the necessary forms to fill out for your trip. A follow-up call may be scheduled after that with the Education Coordinator to make sure all the paperwork has been received by the indicated due date and if there are any additional details to go over.

### **What to expect when you arrive:**

When you arrive at your scheduled port, you will be greeted by the ship's Program Coordinator and crew. If students need to use restroom facilities, please let the Program Coordinator know and they will direct you to them. The Program Coordinator and crew will help facilitate the boarding process for your group and their gear. Please support the instructions of the Program Coordinator and the crew. Be sure to check in with the Program Coordinator if there has been any new information or requests or to turn in any additional paperwork. The Captain, the Mate and the Program Coordinator will work together with the crew to facilitate your groups' experience over the duration of the trip. Please feel free to speak with them if you have any questions or concerns.

### **Teacher expectation while on board the ship:**

Because of your familiarity with the students, we ask that your team monitors the participants' behavior. If a participant repeatedly behaves inappropriately or interferes with other students' learning, you will be asked to help the participant resolve their situation. The participant will be welcome to rejoin their group when you think it is appropriate for them to do so.

### **For Your Chaperones:**

Please encourage all adults to take part in the program while on board. For example, observe teaching stations, join in singing, or take part in discussions. Educator/chaperone involvement is important in encouraging the group to fully participate. We all play integral roles aboard the ship as role models and partners in educating our youth.

## Life Aboard the Ship

*Adventuress* is a tall ship, but she's a small space for many people to live together. This living situation requires everyone to be flexible, considerate, and cooperative so that we can create a comfortable community aboard. At the beginning of the voyage, you will be assigned to a small team of about eight people called a Watch Group. The Watch will be led by two Watch Leaders. You will work with this group as you learn about sail preparation, sailing, and the marine environment of Puget Sound. We also do activities together as a large group.

## What Does a Typical Day Look Like?

We are often asked what participants will do each day. Our experience has been that each trip and each day are different. Our program and schedule are often based on the winds, currents, and tides. We don't plan a set itinerary because we find that it limits program possibilities and does not make the best use of a sailing vessel. Some days we may get up earlier in order to catch a tide or sail later in the evening to make use of a wind pattern. Schedules and routines are adjusted to take advantage of the weather. In general, though, our days resemble the following:

**The Morning:** Days begin with a morning wake-up call at 0700. Breakfast is around 0800. Each Watch will have a different morning chore assignment after breakfast. The different chores for the morning include preparing and cleaning up breakfast, cleaning below decks and topsides, and preparing the sails and deck.

**The Day:** During the day, you'll spend most of your time with your Watch Group. Your Watch Leaders and other crew members will help you learn new sailing skills and share their knowledge of Puget Sound. You'll be responsible for sailing the ship for a portion of the day and preparing and cleaning up one meal per day. You'll prepare presentations and activities for the evening program. You will also have some free time each day for reading, naps, journaling, and other personal needs.

**The Evening:** When we get to our destination for the day, we drop anchor, tidy the ship, and eat dinner. Evenings are a time for the whole group to gather in the main cabin to share an evening program. The program may consist of songs, stories, or other group activities. "Lights out" is at 2200 and the ship is quiet all night. Each Watch is responsible for keeping an eye on the ship, with participants standing one-hour Anchor Watches with crew members—staying awake to make sure the ship is safe. This is a wonderful time to enjoy the peaceful beauty of a tall ship at anchor in Puget Sound: stars, sounds of night animals, and glowing plankton in the water. All Anchor Watches are led by a qualified Watch Leader who will assist you in taking readings of the ship's positions.

## Rules and Guidelines

Here is a partial list of rules that all participants and crew must follow while on board. Each trip begins with a safety orientation which will explain procedures in more detail.

1. The Captain is in charge of all matters aboard the ship.
2. Do not climb in the rigging or on the lifelines unless instructed to do so by a crew member.
3. You must wear a life vest whenever you are forward of the lifelines, on the main boom, or in one of the small boats.
4. Tuck in any loose clothing, remove dangling jewelry, and tie up long hair to prevent getting caught in the ship's rigging.
5. Use the handrails and face the ladders when going up or down.
6. Listen carefully to instructions—questions are encouraged!
7. Keep hands, hair, and clothing away from blocks and belaying pins.
8. Never handle a line unless you are instructed to do so. Always assess the load before you handle a line.
9. Alcoholic beverages and illegal drugs are not allowed on board under any circumstances.
10. Closed toed shoes are required on deck at all times.

## Questions?

Please contact the office if you would like more information about your voyage. We love to hear from participants and would be glad to help if you have any questions or concerns. You can also visit our website at [www.soundexp.org](http://www.soundexp.org) for more information and for short biographies of the crew you will be working with during your voyage.

## Accommodations

The sleeping accommodations are dormitory style, with bunks arranged in tiers in the foc'sle and main cabin. For our intergenerational and adult trips, families can choose to sleep together in the same cabin as space allows. For trips with youth under age 18, sleeping arrangements are based on the gender identification of the youth, with male and female cabins as the available options. Participants determine the cabin that is best suited to them. If you would like to have your group choose the bunks prior to coming aboard the ship please let the Education Coordinator know. In the morning and during preparation for "lights out" in the evening, there will be a curtained off changing area where all participants will be able to change privately.

The bunks have foam mattresses, but we ask you to bring a sleeping bag and small pillow. There are no showers on board the ship. There are three heads (marine toilets) that are located in the passageway between the main cabin and the foc'sle. Each head has a toilet and a sink.

## The Galley

The menu aboard *Adventuress* is wholesome, varied, and family style. **We serve only vegetarian food due to the nature of our galley, which has limited cold-storage space.** Eating lower on the food chain is also consistent with our mission. We are also able to turn our food waste into compost for local farms.

Typical breakfasts include such fare as oatmeal, granola, eggs, and breakfast burritos. Lunches are often soup, sandwiches, and salad. Dinners may be casseroles with salads or vegetables. Besides breakfast, lunch, and dinner, there's usually an afternoon snack, as well as additional snack food available upon request from your Watch Leader or the Galley Coordinator. **Please let us know in advance concerning any special dietary restrictions** so that we can pass this information on to our Galley Coordinator with plenty of time for menu planning and food purchasing. Although we can accommodate many dietary needs by providing vegetarian, non-dairy, gluten-free, and low-salt options, some food allergies are difficult to accommodate aboard a ship, and we cannot make absolute guarantees. We ask that parents not send additional snacks with their children. Please contact the office if you have concerns or special dietary requests. We are happy to discuss possible options with you.

## Health Information

All of our crew are trained and certified in First Aid and CPR. In addition, several crew are trained in emergency response and remote medicine. The ship is close to on-shore emergency facilities by rescue boat or the Coast Guard. Medication brought to the ship must be clearly labeled with participants' full name and dosage. For youth trips, all medications will be kept and distributed by the Medical Officer aboard. Vaccinations are not required, but information is important to medical providers if you can offer it.

## Emergency Contact

If a family member must contact the ship in case of an emergency, we recommend calling the office first at (360) 379-0438, ext 1. Our office is staffed Tuesday through Friday, from 9:30am to 4:30pm PDT. If the message is urgent and you are calling after office hours, you may contact Executive Director Catherine Collins at (206) 353-6119. We can relay emergency messages to the ship as necessary.

## Lost and Found

Items left on the ship are returned to the office on a regular basis. Please note that if you leave something on board, it may not be brought to our attention until two or three weeks after your trip. Call the office and let us know if you think you've left something behind, and we'll do our best to find it. **We do require reimbursement for all postage needed to mail items back to the owner.** Any usable items that are not claimed after two months are donated to local charities.

## The Ship's Store

Each year, we have a variety of *Adventuress* items for sale during the voyage. Items include postcards, t-shirts, and hats. Items range in price from \$2 to \$22. You may pay with cash, Visa, MasterCard, or check. You may call the office before you set sail or talk to the Program Coordinator while on board for more information.

## Gratuities

Tips and gratuities are not expected by the crew. The organization does accept donations for historic preservation of *Adventuress* and our scholarship fund. All gifts are tax deductible under Washington State law.

## Membership

Sound Experience is a 501(c)(3) nonprofit organization. We serve over 3,000 youth and adults each year aboard *Adventuress*. Memberships, events, donors, grants, and foundations provide more than half of our budget. Membership supports the Sound Experience mission and includes benefits such as free sailing on over 20 Public Sails each year, access to special overnight trips and Transits, and discounts on many overnight programs. If you would like to become a member of Sound Experience, please talk to the Program Coordinator on your trip or call the Sound Experience office.

## Overnight Gear List

This checklist is for your comfort and safety. As you are packing, keep in mind that the weather on Puget Sound can be very unpredictable. Be prepared for cool, wet weather as well as hot, sunny weather. In summer, daytime temperatures are typically in the 70s to low 80s, with much cooler evenings (50s and 60s are common). That being said, there are warmer spells at times and occasional rain. Layers of warm-when-wet fabrics like wool, polypropylene, and synthetic fleece will help you keep up with the changes in conditions. Expect to get dirty and wet; don't bring anything too elegant, but focus on functional clothing. **You may want to bring less than you think. Afterwards, most people feel they brought too much clothing for the trip.** This gear list is for trips of up to 6 days, so please take into account the length of your trip when packing. Please use a soft pack or duffel bag if you have one available. You will be stowing your bag every day and space is limited.

- Warm coat or jacket
- Rain gear
- 1 wool or fleece sweater
- 2-3 t-shirts or long-sleeved shirts
- Extra pair of long pants
- Wool or synthetic socks (wicking is best—not cotton)
- Underwear
- One set of long underwear or sweats (tops and bottoms— also function as pajamas)
- Closed-toed shoes (Closed-toed sport sandals such as Keen's are acceptable, but must have a heel strap— **No flip-flops while underway!**)
- Sleeping bag, outdoor weight
- Small pillow
- Basic toiletries (there are no showers aboard)
- Warm hat and sunhat
- Gloves for warmth
- Water bottle with your name on it
- Medicine/Devices (to be stored and locked when youth aboard)

***The following items may be nice to bring, but are optional:***

- Bag for dirty laundry and wet clothes
- Journal and pen
- Camera (an inexpensive one is best)
- Binoculars
- Day pack
- Cloth napkin / hand towel
- Poems or other readings / music to share
- Red flashlight for anchor watch

### PLEASE DO NOT BRING

- ⇒ Personal music devices
- ⇒ Personal communication devices: *Phones may be stowed or used for taking pictures.*
- ⇒ Personal digital game or web devices
- ⇒ Drugs or alcohol
- ⇒ Weapons
- ⇒ Cigarettes, legal smoking devices: *Smoking in any form is not permitted on the vessel.*
- ⇒ Candy, gum, or personal snacks
- ⇒ Any electrical devices such as hair dryers or electric shavers. CPAP OK.

# SOUND EXPLORATIONS CURRICULUM

Sound Explorations programs are designed to educate students about the wonders of Puget Sound and ways they can help protect it. Our innovative, hands-on teaching strategies, conducted under sail on the waters of Puget Sound stimulate students to learn by making science real, accessible, and exciting. The Sound Explorations program helps satisfy Washington State Essential Academic Learning Requirements.

Sound Experience uses a variety of developmentally appropriate strategies to meet the diverse learning needs of our participants. Within an experiential framework, Sound Experience utilizes hands-on learning, critical thinking skills, and large and small group interactions.

During the program, students work cooperatively to set *Adventuress'* sails and navigate the ship through Puget Sound waters. Students rotate through discovery stations that may include Marine Life, Plankton, Navigation, Nautical Skills and more. The following information outlines the trip theme options as well as the goals and activities on which we base our teaching stations. This information will assist you in integrating the Sound Exploration Program into your classroom curriculum.

Key concepts that are woven through the stations incorporate the seven Ocean Literacy Principles and include **habitat, adaptations, resource management, food chains, cooperation and human impact**. For more information about Ocean Literacy go here: <http://oceanliteracy.wp2.coexploration.org/>

**You will be able to choose your curriculum theme and goals when filling out the online “Getting to Know Your Group” form. Additional details can be discussed with the Education Coordinator.**

## GOALS FOR STUDENT LEARNING AND ACTIVITIES

### *Environmental Understanding*

- ★ Identify where their home is in relation to the ship on Puget Sound by using charts and navigation tools.
- ★ Research an aspect of Puget Sound Ecology to present to the group using on-board resources (books, guides, crew interviews, data collection using observation tools)
- ★ Participate in hands-on activities, games, observation and discussions around the topics of: watersheds, ocean/estuarine features, marine foods webs, human impact on the environment, biodiversity, marine animal (mammals, invertebrates, birds) ecology, natural history, climate and habitat.
- ★ Have a positive, direct, and prolonged on-the-water experience sailing aboard *Adventuress* on Puget Sound.

### *Leadership*

- ★ Come up with a personal or small group project they can present during an evening program based upon something they have learned during the trip.
- ★ Identify personal and group learning goals and objectives and actively work toward them.
- ★ Engage in community building activities, including singing, skits, and group presentations.
- ★ Participate in setting sails, taking the helm, and community duties (evening program entertainment)

### *Stewardship*

- ★ Take the time to get to know the members of their Watch and the whole crew and how each contributes to collective goals.
- ★ Monitor the daily use of resources aboard the ship and present them to the group.
- ★ Participate in daily stewardship duties (chores, dishes, meal prep, etc.).
- ★ Learn something of the cultural and maritime history of the area as it relates to natural resources (consumption, trade, transport, conservation, etc.)
- ★ Stand at least one hour of anchor watch.
- ★ Live in close proximity to others.
- ★ Reflect on the needs of others and engage in care of those needs.

## SOUND EXPLORATION PROGRAM THEMES

Sound Experience offers three theme options for your trip. Each has a specific selection of teaching stations and activities that compliment each other to create a cohesive learning experience. In the “Getting to Know your Group” online form, you will choose one of the themes for your program.

### Emerging Issues in the Salish Sea

Identify major environmental issues of the region and learn how we as a community can have an impact.

Teaching Stations: Plankton, Life Aboard Ship, Marine Debris, Nautical Skills, Ocean Acidification

Possible Activities: Marine Life, Microplastics research, Beach Clean Up/Restoration Project (4+ day trip)

### Marine Trades

Learn about the importance of the marine trade industry and its impact in our region.

Teaching Stations: Life Aboard Ship, Marine Debris, Nautical Skills, Ocean Acidification, Mechanical Advantage

Possible Activities: Build a Boat to Float, Engineering Project

### Marine Ecology

Discover a deeper understanding of the Salish Sea and its inhabitants.

Teaching Stations: Plankton, Marine Life, Life Aboard Ship, Nautical Skills, Ocean Acidification

Possible Activities: Plankton Races, Shore Hike (4+ day trip)

## MECHANICAL ADVANTAGE STATION

### Outcomes and Learning Standards:

Students will be able to:

Define Mechanical Advantage

Identify different ways in which Mechanical Advantage is used aboard *Adventuress*

Describe different forms of mechanical advantage and how they are used to reduce the amount of force used in doing work

### Lesson Summary

Throughout the Mechanical Advantage lesson, students will develop an understanding of Mechanical Advantage and how different systems such as pulleys, levers, wedges, and screws work to help shipboard systems function. Lesson activities will include use of a block and tackle and an inclined plane system, and identifying different simple machines used to work *Adventuress*.

## MARINE LIFE STATION

### Outcomes and Learning Standards:

Students will be able to:

- Define “marine”
- Describe intertidal zone habitats and the concept of ecosystems
- Give examples of marine life adaptation to the intertidal zone environment
- Understand the factors impacting the health of the intertidal zone habitat
- Understand the basic groupings (phyla) of intertidal zone marine life and be able to give examples
- Recognize the connections between all life (marine and land habitats)

### Lesson Summary

The Marine Life lesson will provide students with an understanding of the diversity of marine life in Puget Sound, particularly the organisms that inhabit the intertidal and near-shore zones. Discussion of habitat, ecosystems, and adaptation will help students appreciate the processes that determine the variety and viability of our local marine life forms. The lesson will combine discussion of marine life topics and observation and interaction with the surrounding environment.

*Ties to Ocean Literacy Principles 5: The ocean supports a great diversity of life and ecosystems*

## PLANKTON STATION

### Outcomes and Learning Standards:

Students will be able to:

- Define plankton
- Describe the two main plankton types (zooplankton, phytoplankton)
- Explain the differences between holoplankton and meroplankton
- Give examples of phytoplankton and zooplankton
- Explain the role of phytoplankton in O<sub>2</sub> production and CO<sub>2</sub> absorption
- Explain the role of plankton in the food web
- Describe connections between the Plankton lesson and other lesson areas
- Give examples of relevant Ocean Literacy principles

### Lesson Summary

The Plankton Lesson will provide students with an understanding of the definition of plankton, types of plankton found in Puget Sound waters, their place in the ocean ecosystem, their role in the food web, and their connection to environmental factors in the atmosphere and on land. Lesson activities will include plankton collection, observation of plankton with microscope-video system, identification of plankton types, and plankton “behavior”.

*Ties to Ocean Literacy Principles 5: The ocean supports a great diversity of life and ecosystems*

## MARINE DEBRIS STATION

### Outcomes and Learning Standards

Students will be able to:

- Define ‘marine debris’
- Recognize the pervasiveness of plastics within marine debris
- Identify the “Debris Decomposition Timeline”
- Illustrate ways to reduce the everyday use of plastic/contain plastic pollution before it reaches the ocean
- Recognize that plastic is both good and bad
- Give examples of items used everyday that contain plastic
- Explain the difference between mineralization of debris vs. degradation of plastics
- Summarize the citizen science conducted on board and how it is assessing the plastic pollution situation

### Lesson Summary

The Marine Debris station will provide students with an understanding of the definition of marine debris, the pervasiveness of plastics within marine debris, the various “life-spans” of marine debris, the potential environmental impacts of oceanic plastic pollution and ways to reduce everyday plastic usage. Educators will discuss connections to relevant Ocean Literacy Principles (The ocean supports a great diversity of life and ecosystems, The oceans and humans are inextricably interconnected) as well as other on-board lessons (Plankton, Ocean Acidification, Marine life)

***Ties to Ocean Literacy Principles 6: The ocean and humans are inextricably connected***

## NAUTICAL SKILLS STATION

### Outcomes and Learning Standards

Students will be able to:

- Identify tasks which need to be accomplished to successfully sail *Adventuress* and, with the guidance of the Watch leader, take action
- Each take responsibility for steering *Adventuress*
- Recognize the necessity of cooperation to accomplish a task

### Lesson Summary

This station is intended to allow the watch groups to learn by working together, with a focus on cooperative actions, and feel the responsibility of steering *Adventuress*. As this is a very weather dependent station it is important to have many optional activities. Optional activities include: knot tying, sail setting and striking, navigation, sail theory and the ability to explain the mechanics of tacking and gybing. When appropriate, focusing on the more physical tasks is encouraged, as this is the only station participants really get to use their bodies.

***Ties to Ocean Literacy Principles 7: The ocean is largely unexplored***

## OCEAN ACIDIFICATION STATION

### Outcomes and Learning Standards

Students will be able to:

- Explain to concept of pH and the influence of added CO<sub>2</sub>
- Describe the ocean acidification process
- Identify sources of CO<sub>2</sub> pollution
- Describe the harmful effects of ocean acidification on marine life (adult and planktonic forms)
- Give examples of how to decrease ocean acidification by reducing CO<sub>2</sub> polluting emissions
- Understand the necessity of cooperation as a course to action.

### Lesson Summary

The Ocean Acidification lesson will help students understand the process of ocean acidification, its causes, and its increasingly damaging impact on marine life. Students will be empowered to identify and change aspects of their daily behavior that contribute to ocean acidification.

*Ties to Ocean Literacy Principles 1, 5, 6*  
*The Earth has one ocean big with many features*  
*The ocean supports a great diversity of life and ecosystems*  
*The ocean and humans are inextricably connected*

## NAVIGATION STATION

### Outcomes and Learning Standards

Students will be able to:

Define and interpret the symbols and language on a navigational chart, define the terms “longitude” and “latitude” and be able to differentiate charts from maps.

Understand how to use tools of navigation, how to read a chart and determine their location accurately using natural ranges identify uses of navigation tools, and explain the difference between magnetic and truth north.

Practice using a chart, navigational aids and symbols, ranges and demonstrate and apply navigational skills based on these three questions: Where am I? Where do I want to go? How do I get there?

Through discussion, participants will explore the importance of always knowing where you are to be better able to decide where you must go next.

### Lesson Summary

This is a focus on teaching the principles of inland navigation beginning with personal observation and advancing to the use of common marine navigational tools. The lesson is used to develop personal observational skills through navigation, fundamental use of navigation equipment and as a way of generating metaphoric connections to the concept of, “know where you are to be able to plan where you are going.”

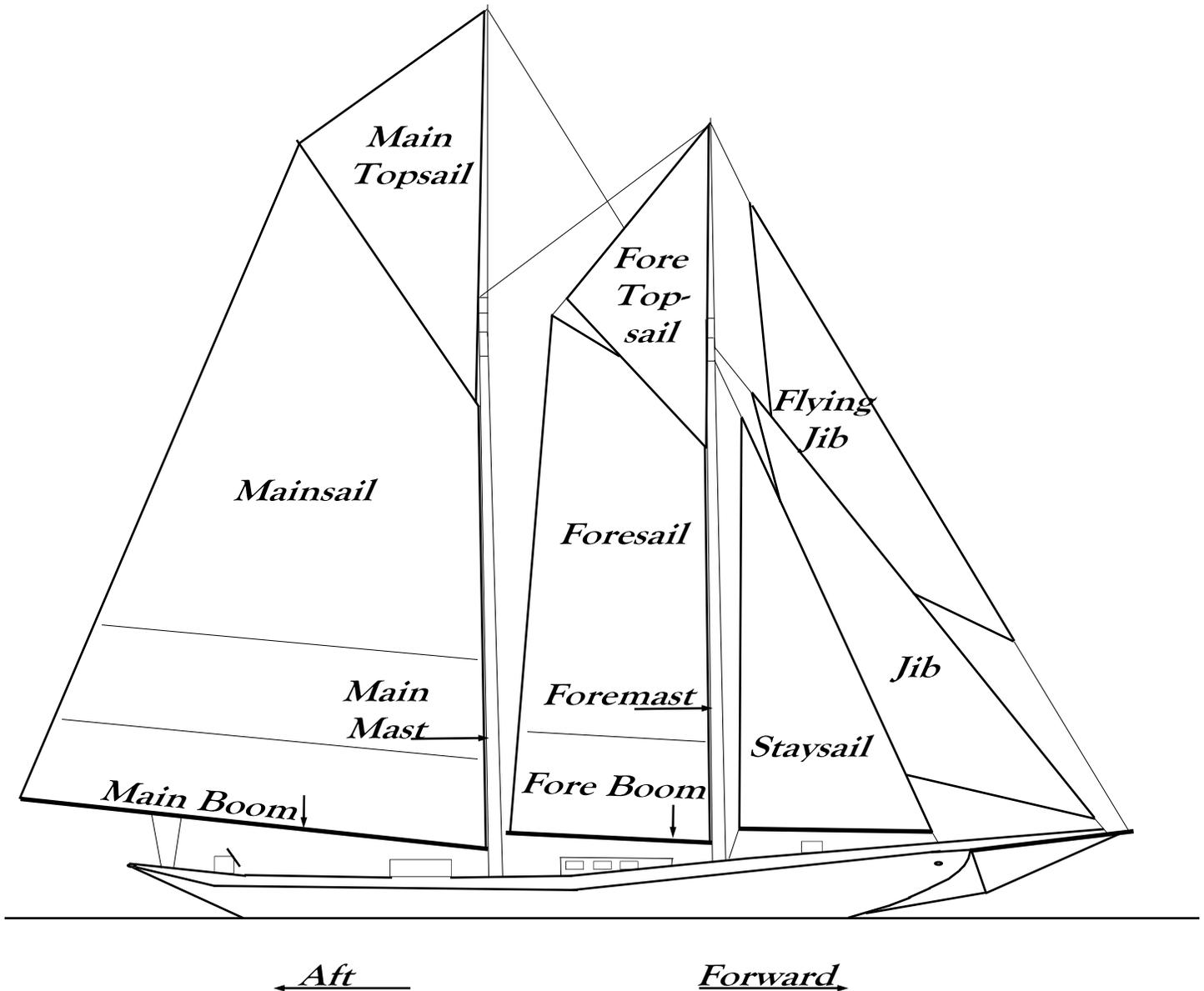
*Ties to Ocean Literacy Principles 7: The ocean is largely unexplored*

# Pre- and Post-Trip Activities

The following is a list of suggestions for pre- and post-field trip activities that can be done in the classroom. Supplemental materials are provided within this packet.

- ◆ **Get to Know the Boat** by looking at the sail plan, deck layout, and below decks floor plan. (*Materials located on pages 14-16*)
- ◆ **Read the history of *Adventuress*** with your students and create timelines of the history from 1913 to the present. (*Material located on pages 17-18*)
- ◆ **Learn Sea Shanties** with your students. A list of popular sea shanties sung on *Adventuress* can be found on page 19.
- ◆ **Household Hazardous Waste Alternatives** - A list of eco-friendly alternatives to common household cleaners. (*Material located on page 20*)
- ◆ **Visit our Website** for ideas of pre-and post-trip activities to do with your students - <http://www.soundexp.org/index.php?page=teacherinfo>

# ADVENTURESS SAIL PLAN AND SPECIFICATIONS



## **Adventuress 1913**

### *Vessel Specifications*

Length on deck (LOD):..... 101 feet

Length overall (LOA): ..... 133 feet

Length at the waterline (LWL):. 71 feet

Rig Height: ..... 110 feet

Beam:.....21 feet

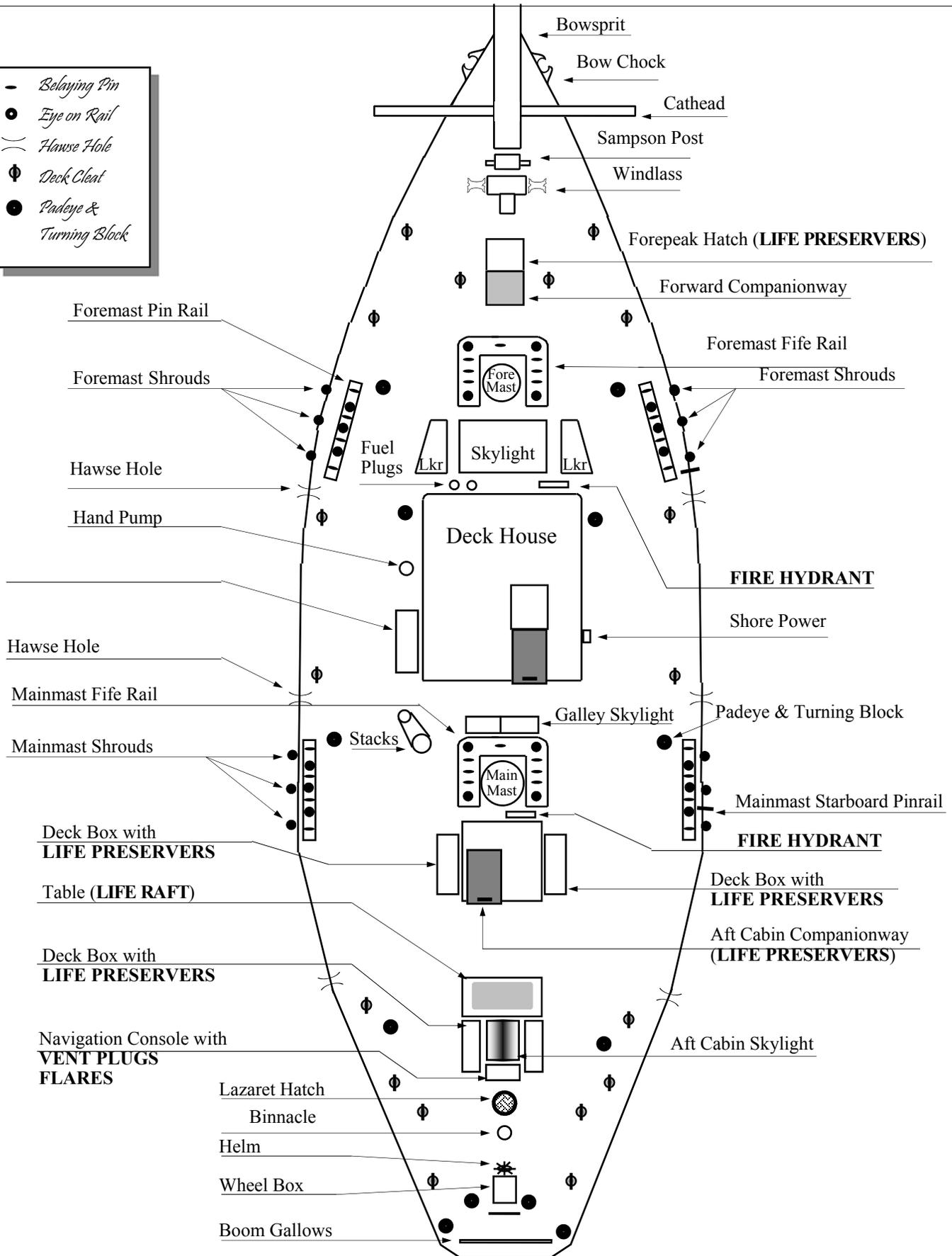
Draft: ..... 10 feet, 6 inches

Sail Area: .....5,478 square feet

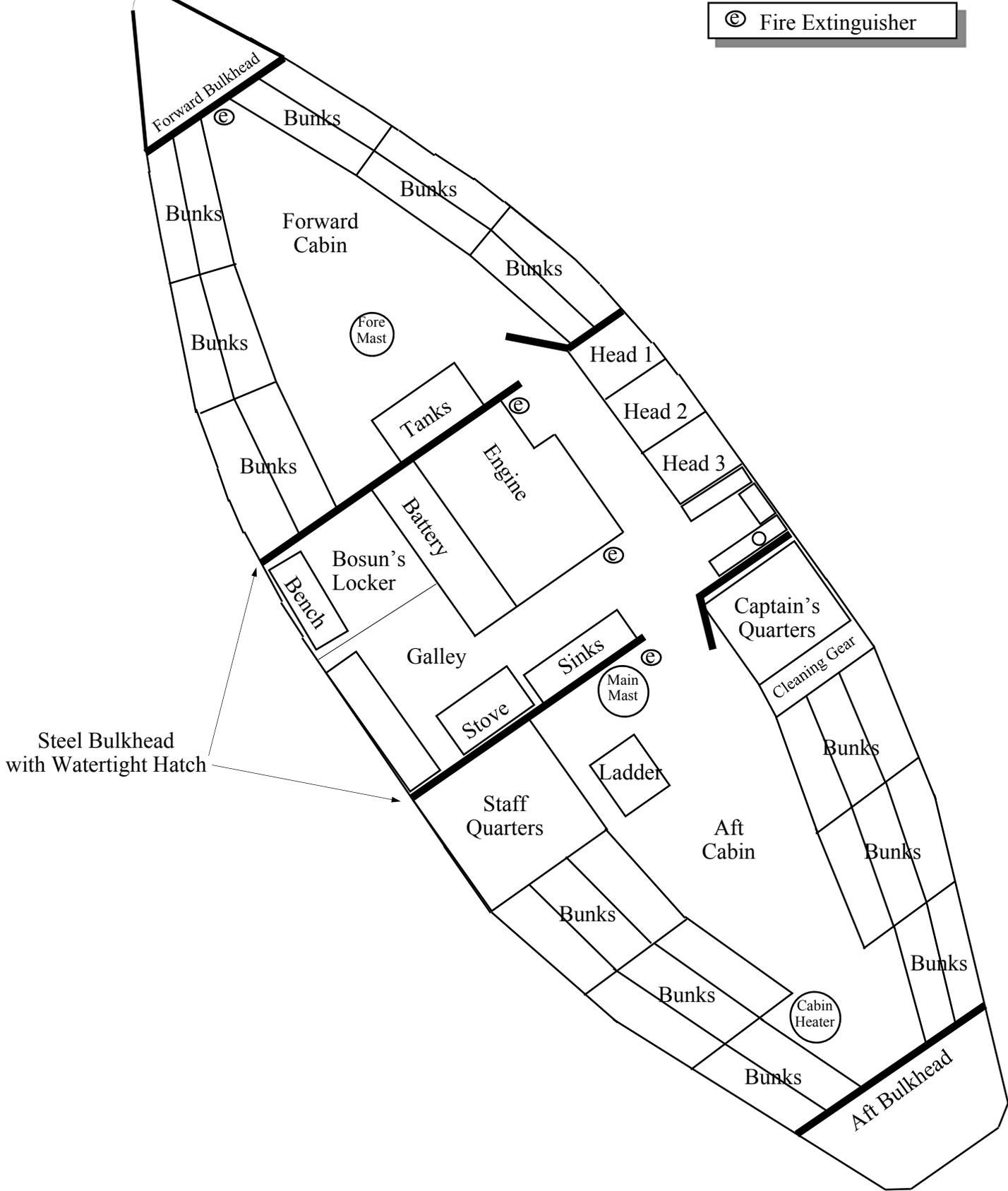
Displacement:....98 tons

# ADVENTURESS DECK LAYOUT

- Belaying Pin
- Eye on Rail
- ⌋ Hawse Hole
- ⊕ Deck Cleat
- Padeye & Turning Block



# Adventuress: Below Decks Floor Plan





# History of the schooner *Adventuress*



## History of Sound Experience and the Schooner *Adventuress*

### **Maiden Voyage to the Arctic**

Launched in 1913 in East Boothbay, Maine, *Adventuress* was designed for luxury and adventure by Bowdoin B. Crowninshield. The yacht was built for John Borden II, founder of the Chicago Yellow Cab Company, for an Arctic expedition to secure a Bowhead Whale specimen for the American Museum of Natural History. On board was Roy Chapman Andrews, the museum's naturalist, who would later discover fossilized dinosaur eggs in Mongolia and serve as the inspiration for Hollywood's Indian Jones character. The whale eluded the expedition, but Andrews did pivotal research along the way on the dwindling fur seal population of the Pribilof Islands.

### **Guiding the World's Largest Ships**

In 1914, Borden sold *Adventuress* to the San Francisco Bar Pilots. They valued her speed and state-of-the-art auxiliary engine. With an altered rig to accommodate the challenging working conditions, *Adventuress* plied the treacherous waters off the Golden Gate for more than three decades. During World War II, she served the U.S. Coast Guard patrolling the coastline.

### **Nearly Lost to History**

By 1950, ships of her vintage were becoming increasingly rare. For her part, *Adventuress* had been phased out of use by the Bar Pilots and left at the dock at Sausalito, a more damaging fate for an old schooner than hard use. *Adventuress* was a sad sight with her truncated rig and without her bowsprit. To many, it appeared that her days of adventure were over.

### **"She's Something Different"**

O.H. "Doc" Freeman, an entrepreneurial Seattle chandlery owner, discovered *Adventuress* tied to the dock in Sausalito. He saw past the neglect. Paying just \$7,800 and hoping to turn a profit in Seattle, Freeman brought her up the coast in February 1952. The voyage was, by all accounts, downright harrowing. Off the coast of California, the winter wind blew a steady 45 knots, causing the sails to blow out. Despite the engine throwing its clutch and a leaking heater filling below decks with gasoline fumes, the ship made it to her new home in Puget Sound.

## Teens and a Tall ship

After changing hands several times, *Adventuress* found a dreamer named Monty Morton who started Youth Adventure, a nonprofit youth sail-training organization closely tied to scouting. His motto was "Busier youth build better citizens." Morton and marine surveyor Captain "Cap" Raynaud began to restore the schooner in earnest, bringing back her topmasts, gaff rig, and bowsprit, and lengthening her main boom to increase her sail area. With the ship now repaired, and Captain Karl Mehrer at the helm, young mariners could come aboard for adventure and learning.

## A National Historic Landmark

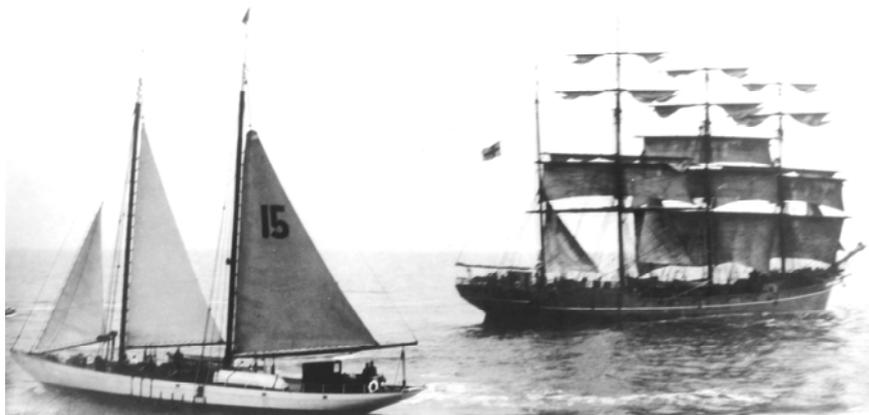
In 1963, Ernestine "Erni" Bennett came aboard with Dorothy Rogers and their Girl Scout Troops looking for adventure and challenge. They became increasingly involved in the organization, with Bennett following Morton as director, and would enlist an extensive community of volunteers to complete the ship's transformation to her original lines. In 1989, the National Park Service granted *Adventuress* the elite status of National Historic Landmark in recognition of her national significance.

## Puget Sound's Environmental Tall Ship

In the late 1980s, Bennett was seeking a successor, another organization that would continue the ship's youth mission. She chose Sound Experience, a nonprofit founded by Barbara Wyatt and Morley Horder, whose program was modeled after the Sloop *Clearwater* and Pete Seeger's mission to clean up the Hudson River in New York. *Adventuress* was the ideal on-the-water teaching platform for environmental stewardship and protection of Puget Sound.

## For Generations to Come

Now an icon of the Salish Sea, *Adventuress* remains an authentic example of living maritime history. "Youth of all ages" can climb aboard, take the helm, and sail as they did 100 years ago. With a mission to educate, inspire, and empower an inclusive community to make a difference for the future of our marine environment, *Adventuress* hosts thousands each year. Under the careful stewardship of Sound Experience, *Adventuress* is poised to sail for generations to come.



*Adventuress* stands by to board a pilot on an unidentified bark outside San Francisco Bay.

# Sea Shanties

The following are samples of some of the more popular sea shanties sung aboard the schooner *Adventuress*. These songs are used to help keep the rhythm while raising the sails - and we love students to sing along! You may select one of these songs to be the main shanty of your sail. [Click here](#) to find full shanties on our website.

## HAUL AWAY JOE

Oh listen while I sing to you about the good ship Nancy  
**Way haul away, we'll haul away Joe**  
Copper-bottomed, clipper-built, she's just me style and fancy  
**Way haul away, we'll haul away Joe**

### CHORUS

**Way haul away, we'll haul away together**  
**Way haul away, we'll haul away Joe**  
**Way haul away, we'll haul for better weather**  
**Way haul away, we'll haul away Joe**

## RUNNIN' DOWN TO CUBA

Runnin' down to Cuba for a hold full of sugar  
**Way me boys to Cuba**  
Make her run you lime juice squeezers  
**Runnin' down to Cuba**

**Away me boys to Cuba**  
**Make me run you lime juice squeezers**  
**Runnin' down to Cuba**  
**SOUTH AUSTRALIA**

## PADDY WORKS ON THE RAILWAY

In 18 hundred and 61  
The American War had just begun  
Put my corduroy britches on  
For working on the railway

### CHORUS

**Fiddle me or ee or ee ay**  
**Fiddle me or ee or ee ay**  
**Fiddle me or ee or ee ay**  
**Workin' on the railway**

## CAPE COD GIRLS

Cape Cod girls ain't got no combs  
**Heave away, haul away**  
They comb their hair with codfish bones  
**And we're bound away for Australia**

### CHORUS

**So heave her up me bully, bully boys**  
**Heave away, haul away**  
**We'll heave her up, why don't you make some noise**  
**And we're bound away for Australia**

## SOUTH AUSTRALIA—Rolling Kings

In South Australia I was born  
**Heave away, haul away**  
In South Australia, round Cape Horn  
**We're bound for South Australia**

### CHORUS

**Haul away you rolling kings**  
**Heave away, haul away**  
**Haul away, you'll hear me sing**  
**We're bound for South Australia**

## JOHNNY COME DOWN TO HILO

Never seen the like since I was born  
An Arkansas farmer with his sea boots on  
**Johnny come down to Hilo, a poor old man**

### CHORUS

So it's wake her - **Wake her!**  
Shake her - **Shake her!**  
**Wake that gal with her Carhartts on**  
**Johnny come down to Hilo, a poor old man**



## Dear Parent/Guardian,

Your child's class will be joining *Sound Experience* for an exciting, informative and fun learning experience on Puget Sound. Sound Explorations programs are marine/environmental education overnight field trips which involve hands-on exploration of Puget Sound from the deck of a 133-foot sailing vessel.

*Sound Experience* shares with you the goal of a safe, enjoyable education experience for your child. Our ship, the historic schooner *Adventuress*, is large, stable and certified by the US Coast Guard to carry passengers. *Adventuress* meets or exceeds all applicable Coast Guard and FCC regulations, is inspected annually for safety by the Coast Guard, and carries all required safety equipment, including life jackets for all participants. *Sound Experience* crew are fully trained in safety procedures. *Adventuress* carries full liability insurance for all participants while on board the vessel and additionally insures the school as well.

## What We Ask of You

Please read through the overnight packet provided for each student. This will give detailed information about the trip and how to help prepare your child. Please read, sign, and return the required forms as directed by the teacher. These will either be given to you via an online link or in hard copy form. The **required forms** are as follows:

- Sound Experience Release Agreement
- Medical Health History (please be sure to note food allergies)
- Getting to Know Your Child
- Code of Conduct form

In addition, please assist your child in preparing for their trip by reviewing the gear list. If your child has medication, please ensure that they give them to their teacher, well labeled with instructions and in original containers.

The Sound Explorations program is a special opportunity for your child to have an on-the-water experience that will enhance the classroom curriculum, help them develop an appreciation and better understanding of the Puget Sound ecosystem and enthusiasm for science as a subject area of great importance and fun. All of us at Sound Experience look forward to your child's class joining us.

If you have any concerns or questions, please contact your child's teacher/group leader or our office.

## Sail Again!

Sound Experience is a membership supported organization. Members can sail for free on any of our Public Sails, bring guests on at a discount, and receive discounts on most of our summer overnight adventures. With your membership dues, you can help us protect Puget Sound through education and preserve our maritime heritage. Memberships help offset program costs, enabling us to offer educational experiences to Puget Sound youth and adults. For more information visit [www.soundexp.org](http://www.soundexp.org).

Sincerely,  
Amy Kovacs  
Education Coordinator



## Dear Group Chaperone,

We are pleased you will be joining Sound Experience for a voyage of discovery on Puget Sound aboard the schooner *Adventuress*. It is our hope to provide an enjoyable, memorable and educational experience for all. Adult chaperones have many options throughout the program. It is our intent to involve you and to help you feel a part of the program, so come prepared to hoist sails and get your feet wet!

The Sound Explorations program is presented in a Watch Group format. Students are typically divided into three smaller watch groups, each led by two of our crew. Together the students and crew learn and perform daily ship duties, learn and assist in safely sailing the vessel, become engaged in the environmental education curriculum, and enjoy life aboard the ship.

### **There are several ways for you to participate during the program.**

1. **Join a group:** Spend each day with the students as they experience the wonders of Puget Sound. However, we ask that you refrain from answering questions addressed to students.
2. **Assist with sail handling:** The crew would be glad to share their knowledge of the ship and sailing in exchange for your help in trimming the sails.
3. **Relax:** Perhaps you would most enjoy a chance to experience the beauty of Puget Sound from your own quiet corner of the ship.

### **There are also some ways in which you can be helpful to our staff and your group leader.**

1. **Crowd Control:** There are several times during the program when one person is making a presentation to the entire group. That person would greatly appreciate any assistance you can provide in helping the students around you to stay focused. If a student near you is having trouble paying attention, a tap on the shoulder or a shake of your head would be a big help.
2. **Role Model:** Listen to the Captain's safety talk and participate in ship-board orientation, making sure what you do follows those guidelines. We realize that you may be familiar with boats and with a different way of doing things, but it really helps to avoid confusion with the students if they see you follow *Adventuress'* guidelines.
3. **Feedback:** We are very interested in what you think about our program. We would love to hear any thoughts you have about the students' experience, your own experience and any suggestions you may have on how we can make the program better.

We hope that you have an enjoyable experience with us. Our crew looks forward to meeting you on the ship. Please do not hesitate to call if you have any questions or concerns.

Sincerely,  
Amy Kovacs  
Education Coordinator

# SOUND EXPERIENCE - Release Agreement

PO Box 1390 • Port Townsend, WA 98368 • (360) 379-0438 • Fax: (360) 379-0439 • programs@soundexp.org

## PLEASE PRINT

**For DAY TRIPS – Please bring with you to the ship.**

**For OVERNIGHT TRIPS – Please send to office THREE WEEKS prior to voyage.**

*A separate agreement is required for each minor and adult participant. Agreements for participants under age 18 must be signed by parent or legal guardian.*

Name \_\_\_\_\_ Age (if youth) \_\_\_\_\_

Group \_\_\_\_\_ Trip Date \_\_\_\_\_

Parent/Guardian of Minor \_\_\_\_\_

Phone Day \_\_\_\_\_ Evening \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email \_\_\_\_\_ *Sign me up for Sound Experience E-News:*  Yes  No

Emergency Contact \_\_\_\_\_

Phone Day \_\_\_\_\_ Evening \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

*I am a current member of Sound Experience:*  Yes  No

*I would like to receive information about:*  Educational Programs  Corporate Membership

### **Medical Release**

I hereby give permission to the Sound Experience Staff and/or any adult member of the participating group to transport myself/my child to a doctor and/or hospital for treatment. I authorize all medical, surgical, diagnostic and hospital care procedures which may be performed or prescribed for myself/or my child by a licensed physician or hospital, when efforts to contact me are unsuccessful, and when deemed immediately necessary or advisable by the physician to safeguard myself/or my child. I waive my right of informed consent to such treatment. *If, for religious or other reasons, you wish NOT to authorize treatment, please attach a letter of explanation.*

### **Photo Release**

I hereby give permission for Sound Experience Staff and/or any person acting on their behalf to photograph myself/my child and allow Sound Experience to use these pictures as it sees fit. I release all publication rights to said photos. *If, for any reason, you wish NOT to authorize release of photos, please attach a letter of explanation.*

### **Participation Release**

I acknowledge that I have voluntarily chosen and HEREBY GIVE permission for myself/my child to participate in a program conducted by Sound Experience. I hereby certify that I am cognizant of the inherent dangers of sailing and water related activities and I hereby assume such risks. I HEREBY UNDERSTAND AND AGREE that Sound Experience, its owners, directors, officers, operators, agents, employees, instructors, staff and crew together with other unnamed assistants, shall not be held liable in any way for any occurrence in connection with any accident, injury or occurrence to myself or the above named participant in connection with the activities of Sound Experience unless the same is as a result of the negligence on the part of the above referred entities and persons. I further hereby waive and release any claim for personal injury or death against the above referred entities and persons and any and all damages to me, the above named participant, my estate, my family, heirs and assigns. In consideration of myself or the above named participant being allowed to participate in the activities of Sound Experience, I hereby personally assume all risks in connection with said activities, whether foreseeable or unforeseeable and further to save and hold harmless said program, entities and persons from any claim by me, the above named participant, our families, estates, heirs and/or assigns arising out of my or the above named participant's enrollment and participation in this program. I further agree to indemnify Sound Experience for all claims, demands, costs, or judgments arising out of my own acts or omissions arising from by participation. I further state that I am of lawful age and legally competent to sign this affirmation and release; that I understand the terms herein are contractual and not a mere recital; and that I have signed this document as my voluntary act.

**I HAVE FULLY INFORMED MYSELF OF THE CONTENT OF THIS AGREEMENT BY READING IT BEFORE SIGNING.**

Participant x \_\_\_\_\_ Date \_\_\_\_\_

Parent/Guardian of Minor participant \_\_\_\_\_ Date \_\_\_\_\_

Natural or Adoptive Parent  Legal Guardian

# SOUND EXPERIENCE – Medical Health History Form

Sound Experience · PO Box 1390 · Port Townsend, WA 98368 · (360) 379-0438 · Fax: (360) 379-0439

Please return to your school/group organizer ONE MONTH prior to voyage

Name \_\_\_\_\_ Gender \_\_\_\_\_ Today's Date \_\_\_\_\_

Family Physician \_\_\_\_\_ Phone ( ) \_\_\_\_\_ Date of Birth \_\_\_\_\_

Family Medical/Hospital Insurance Carrier: \_\_\_\_\_ Policy # \_\_\_\_\_

## Part I: Illnesses and Injuries (check all that apply and give appropriate dates)

Please indicate all Chronic or Recurring Illnesses:

\_\_\_\_\_ Ear Infection                      \_\_\_\_\_ Bleeding/Clotting Disorders                      \_\_\_\_\_ Hypertension                      \_\_\_\_\_ Asthma  
\_\_\_\_\_ Heart Defect/Disease                      \_\_\_\_\_ Musculoskeletal Disorders                      \_\_\_\_\_ Seizures                      \_\_\_\_\_ Diabetes  
\_\_\_\_\_ Other (specify) \_\_\_\_\_

Date of last health examination: \_\_\_\_\_

Describe any complicating medical problems noted in last health exam: \_\_\_\_\_

Is participant currently under the care of a physician or psychologist? \_\_\_\_\_

Please indicate all conditions participant has had since her/his last health exam:

- A serious injury requiring medical attention
- Treatment in a hospital or emergency room
- Any restrictions concerning physical activities
- Any prescribed or over-the-counter medication
- Any exposure to contagious diseases

Please explain details of all conditions indicated above: \_\_\_\_\_

## Part II: Allergies (check those that apply and specify nature of allergic reaction.)

- Animals \_\_\_\_\_
- Hay Fever \_\_\_\_\_
- Pollen \_\_\_\_\_
- Food \_\_\_\_\_
- Medicines/drugs \_\_\_\_\_
- Insect Stings \_\_\_\_\_
- Plants \_\_\_\_\_
- Other \_\_\_\_\_

## Part III: Other Health Conditions (check all that apply)

- Bed Wetting
- Emotional Disturbances
- Constipation
- Menstrual Cramps
- Hearing Impairment
- Motion Sickness
- Sickle Cell Trait or Decease
- Nosebleeds
- Special Dietary Regimen
- Sleep Disturbances
- Glasses or Contact Lenses
- Fainting

Please explain any items that are checked. Indicate any information useful to the adult in charge in relation to any of these health conditions. Also, indicate any activities to be encouraged or restricted: \_\_\_\_\_

**Drugs / Prescriptions:** Medications MUST be in the original container and labeled for the participant. No minors will be permitted to carry medication unless written permission is given. Please list all medications to be brought on board:

Current Medications:	Amount / Frequency Administered:	Purpose:
_____	_____	_____
_____	_____	_____

## Part IV: Immunization History (Diphtheria, Pertussis, Measles, Mumps, Rubella, Oral polio, Hbpy)

Date of last Tetanus shot \_\_\_\_\_ Date of most recent Tuberculin test \_\_\_\_\_

Other: \_\_\_\_\_

## Part V: Authorization to Distribute Medication

I authorize the Medical Officer to distribute OTC meds (such as Tylenol) to my child. Circle one: YES NO

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

## *Sound Experience*- Participant Information: Getting to Know You

PO Box 1390 · Port Townsend, WA 98368 · (360) 379-0438 · Fax: (360) 379-0439 · [programs@soundexp.org](mailto:programs@soundexp.org)

**Please mail or fax this form one month prior to your trip to the Sound Experience office. For youth groups send this to your group leader/teacher first.**

**Preferred Name** \_\_\_\_\_ **Trip Departure Date** \_\_\_\_\_

**Group/Voyage Name** \_\_\_\_\_

We are excited that you will be joining us aboard *A dventuress*. In order to help us prepare for your trip, please take the time to answer the following questions. Please feel free to add any information we should know. Thanks for your help!

1. Have you been aboard *A dventuress* before? If so, what program?
2. What experience do you have with marine/environmental science or maritime skills? Is there anything specific you want to learn and/or do while on this trip?
3. What seems challenging about this trip? Do you have any concerns?
4. What seems exciting about this trip?
5. Please tell us three things about yourself (work, interests, hobbies, travel, etc):
6. What do you feel you will contribute to the group during your trip?
7. Do you have any special needs we should know about (physical, dietary, language, etc)?
8. Is there anything else you'd like us to know?
8. Do you know anyone else on this trip?

## Pre-Trip Questionnaire

Please let us know if you agree with these statements so we can better know you:

	No way!		Maybe		Yes, for sure!
Can you describe the role of plankton in our marine ecosystem?	1	2	3	4	5
Do you know what the scientific concept of adaptation means?	1	2	3	4	5
Do you think about how you use natural resources in your daily life?	1	2	3	4	5
Do you know ways in which you impact the environment?	1	2	3	4	5
Could you define a closed environmental system to a friend?	1	2	3	4	5
Do you feel connected to Puget Sound?	1	2	3	4	5

## ***FOR PARENT OR GUARDIAN TO FILL OUT***

### ***Sound Experience- Participant Information: Getting to Know Your Child***

*PO Box 1390 • Port Townsend, WA 98368 • (360) 379-0438 • Fax: (360) 379-0439 • programs@soundexp.org*

**Please mail or fax this form one month prior to your trip to the Sound Experience office. For youth groups send this to your group leader/teacher first.**

**Participant Name** \_\_\_\_\_ **Trip Departure Date** \_\_\_\_\_

**Group/Voyage Name** \_\_\_\_\_

Please take a few moments to answer the following questions. This information will help us work with your child in the most beneficial way during the trip. Your input is important to us. Thank you for your support!

1. How do you view this trip as a positive experience for your child? What do you hope your child will take away from this experience?
  
  
  
  
  
  
  
  
  
  
2. What do you feel they will contribute to the trip aboard *Adventuress*?
  
  
  
  
  
  
  
  
  
  
3. Do you see them as being able to apply themselves and respect others in a close living and learning environment? Are there any discipline issues we should be aware of?
  
  
  
  
  
  
  
  
  
  
4. Is your child on any medications? Do they have any food allergies or dietary restrictions? Please describe the reason for medication and give more detail about food allergy/dietary restrictions:
  
  
  
  
  
  
  
  
  
  
5. What can our crew do to make this the best possible experience for your child?
  
  
  
  
  
  
  
  
  
  
6. Is there anything else our crew should know?

# SOUND EXPERIENCE-Code of Conduct

PO Box 1390 · Port Townsend, WA 98368 · (360) 379-0438 · Fax: (360) 379-0439 · programs@soundexp.org

**Please mail or fax this form THREE WEEKS PRIOR to your trip to the Sound Experience office. For youth groups send this to your group leader/teacher first.**

**Participant Name** \_\_\_\_\_ **Trip Departure Date** \_\_\_\_\_

**Group/Voyage Name** \_\_\_\_\_

We are excited you will be joining us aboard the *Adventuress*. We take our commitment to you seriously and hope you will do the same.

You will be participating in an active learning voyage. You will be immersed in an experience that works best with cooperation, respect and application of yourself to the best of your abilities. Our voyages are different than other residential programs. The ship and community require attention as you move around to different harbors and secluded bays. Your actions can have significant consequences on everyone aboard.

If one person decides to leave mid trip—this will put stress on the entire ship and program.

**Please think carefully about your commitment to yourself and to your shipmates before coming on board.**

1. If I must leave the ship for any reason parent/guardians (for youth) will be responsible for picking me up at a designated port based on the ship's location. Sound Experience will not be responsible for the additional cost of transportation.

2. No alcohol, illegal drugs, marijuana, or weapons are allowed on board the ship.

3. Smoking is not allowed during the program.

4. When youth are on board: All medication (prescription/non-prescription) must be secured by the Program Coordinator upon arrival to the ship. Access will be given when necessary. If medication must be kept on person, please consult with the on-duty medical

officer. Adult Participants or Parents/Guardians are responsible for any costs of refills that must be secured on the voyage.

5. Sound Experience expects that all participants will come prepared to put forth their best effort, try new activities, work as a part of the group, and follow instructions, especially where safety is concerned.

6. During the program exclusive relationships are highly discouraged outside of married couples. Please take the time to get to know your new ship mates and foster a sense of community.

7. Removal from the program for any of the above reasons will result in forfeiture of tuition.

**I understand and agree to abide by the above policies and procedures while on board the schooner *Adventuress*.**

*Participant*

Signature: \_\_\_\_\_ Date

*Parent/Guardian*

Signature (if participant under 18): \_\_\_\_\_ Date

# Sound Experience, Sound Explorations Program- Group Information: Getting to Know Your Group

PO Box 1390 · Port Townsend, WA 98368 · (360) 379-0438 · Fax: (360) 379-0439 · [programs@soundexp.org](mailto:programs@soundexp.org)

**Please mail or fax this form one month prior to your trip to the Sound Experience office.**

Leader Name \_\_\_\_\_ Trip Departure Date(s) \_\_\_\_\_

Group/Voyage Name \_\_\_\_\_

Emergency Phone Number (cell if possible) \_\_\_\_\_

Age range of youth participants: \_\_\_\_\_ Grade levels \_\_\_\_\_

Total Number Attending \_\_\_\_\_

Number of minors \_\_\_\_\_

Number of adults \_\_\_\_\_

Number of males \_\_\_\_\_

Number of females \_\_\_\_\_

1) How many years have you brought students aboard *A dventuress*? \_\_\_\_\_

2) How did you first hear about programs aboard *A dventuress*? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3) How long and in what capacity have the adult/chaperones known the participants? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4) How long and in what capacity have the participants known each other? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5) Do *any* participants need special consideration (behavioral, physical challenges, allergies, medications, diet)?  
\_\_\_\_\_  
\_\_\_\_\_

*(attach additional sheet if necessary)*

6) Briefly describe your group and why they are interested in a Sound Explorations program. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7) Are there ways in which you hope to tie this program to your classroom's previous experiences? Are you engaging in any pre-trip activities? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8) Are there post-trip activities you hope to tie into your onboard experience? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

9) Sound Experience offers three theme options for your trip. Each has a specific selection of teaching stations and activities that compliment each other to create a cohesive learning experience.

Please refer to page 10-13 in the Teacher Handbook for program summaries, and check a focus for your trip.

<input type="checkbox"/> <b>Emerging Issues in the Salish Sea</b>	<input type="checkbox"/> <b>Marine Trades</b>	<input type="checkbox"/> <b>Marine Ecology</b>
Plankton, Marine Debris, Nautical Skills, Ocean Acidification	Marine Debris, Nautical Skills, Ocean Acidification, Mechanical Advantage	Plankton, Marine Life, Nautical Skills, Ocean Acidification
Possible Activities: Marine Life, Micro-plastics research, Beach Clean-up/restoration (4+ day trips)	Possible Activities: Engineering Projects, Build a Boat to Float	Possible Activities: Plankton Races, Shore Hike (4+ day trips)

10) Are there other particular topics or issues you would like us to offer the group? \_\_\_\_\_

---



---

11) Are there additional activities you might be interested in participating in ( ie. Shore hike, beach clean-up, climbing aloft?)

---



---

11) Are there particular curricula outcomes you are hoping to fulfill through this program? \_\_\_\_\_

---



---

12) Is there any additional information we should know that will help us run a better program for you / meet your expectations? \_\_\_\_\_

---



---

13) In order for us to get a clear picture of your organization, please include the mission of the school/organization with which you are affiliated (if applicable): \_\_\_\_\_

---



---

# WATCH GROUP LIST

Please divide your group into three watch groups. Students will be spending most of their time onboard with their watch groups, so please be conscious of personality conflicts and other dynamics. Mail or fax this form **THREE WEEKS PRIOR** to your trip to the Sound Experience office.

Leader Name \_\_\_\_\_ Trip Departure Date \_\_\_\_\_

Group Name \_\_\_\_\_

## Watch Group 1

Group Leader _____	5. _____
1. _____	6. _____
2. _____	7. _____
3. _____	8. _____
4. _____	9. _____

## Watch Group 2

Group Leader _____	5. _____
1. _____	6. _____
2. _____	7. _____
3. _____	8. _____
4. _____	9. _____

## Watch Group 3

Group Leader _____	5. _____
1. _____	6. _____
2. _____	7. _____
3. _____	8. _____
4. _____	9. _____

## *Participant Demographics*

Dear Group Leader,

We would like you to take a few moments and fill out the following information **as it reflects those who attend**. This information will help us in our reporting to foundations and grant makers. Though this information is **optional**, we ask for your support. Please deliver it to the Program Coordinator the day of the trip. Thank you.

Date of Trip \_\_\_\_\_ Day \_\_\_\_\_ Overnight \_\_\_\_\_

Group name \_\_\_\_\_

Number of youth (under 18) \_\_\_\_\_

Number of adults (18 and older) \_\_\_\_\_

Total number in your group \_\_\_\_\_

Circle grade or grades of youth 1 2 3 4 5 6 7 8 9 10 11 12

Please indicate the number of participants on board from each category below:

**County**

Adults Youth

\_\_\_\_\_ King

\_\_\_\_\_ Pierce

\_\_\_\_\_ Kitsap

\_\_\_\_\_ Thurston

\_\_\_\_\_ Jefferson

\_\_\_\_\_ Island

\_\_\_\_\_ Snohomish

\_\_\_\_\_ Whatcom

\_\_\_\_\_ Skagit

\_\_\_\_\_ Mason

\_\_\_\_\_ San Juan

\_\_\_\_\_ Spokane

\_\_\_\_\_ Clallam

\_\_\_\_\_ Walla Walla

\_\_\_\_\_ Cowlitz

\_\_\_\_\_ Clark

\_\_\_\_\_ Yakima

\_\_\_\_\_ Lincoln

\_\_\_\_\_ *Out of State* \_\_\_\_\_

**Ethnic Group**

Adults Youth

\_\_\_\_\_ African American

\_\_\_\_\_ Asian

\_\_\_\_\_ Native American

\_\_\_\_\_ Hispanic

\_\_\_\_\_ Caucasian

\_\_\_\_\_ East Indian

\_\_\_\_\_ Pacific Islander

\_\_\_\_\_ Other

\_\_\_\_\_ Other

**Disabled**

Adults Youth

\_\_\_\_\_ Describe \_\_\_\_\_

\_\_\_\_\_ Describe \_\_\_\_\_

\_\_\_\_\_ Describe \_\_\_\_\_

<b>Crew/Staff USE ONLY</b>	
<b>Number of Program Hours:</b>	
Sound Studies: _____ hours x _____ # in group = _____ total ph	Day Sail: _____ hours x _____ # in group = _____ total ph
Sound Explorations: _____ hours x _____ # in group = _____ total ph	Volunteer: _____ hours x _____ # of Vol. = _____ total ph
Volunteer Intern: _____ hours _____ hours x _____ # of Vol. app.	Appren- tice: _____ # of



Additional copies of our Release Agreement, Port Directions,  
and What To Bring may be found on our website:

**[www.soundexp.org](http://www.soundexp.org)** click on *"Sail With Us"*