

## ACKNOWLEDGEMENT OF RISK AND WAIVER FOR ALL PARTICIPANTS

---

Welcome to the Ocean Institute! We want you and everyone to have a memorable and safe experience.

The Ocean Institute's environment, vessels, facilities, and activities are unique and different from your usual surroundings and activities. There are many inherent risks, dangers, and hazards and everyone must exercise caution at all times in order to avoid or minimize the risk of damage, injury, and death.

Examples of these risks, dangers, and hazards include, without limitation: (a) walking and standing surfaces that may be wet, slippery, moving, irregular, unstable, and rough; (b) open areas such as hatches into which someone could fall; (c) low or irregular lighting, or no lighting at all; (d) objects and equipment that could fall on someone; (e) low ceilings; (f) ropes, chains, and other items that could strike or entangle someone; (g) extreme and variable physical, weather, and ocean conditions, including darkness, sun glare, storms, and hot and cold temperatures; (h) vessels, docks, buildings, ladders, and stairs from which someone could fall; (i) vessels and docks that could pitch, roll, capsize, flood, collide, and sink; (j) gaps between a vessel and a dock that could open or close suddenly and unpredictably; (k) possible encounters with wildlife and plants; and (l) unavailability of medical attention and treatment.

If you attend and Ocean Institute activities, then you must exercise caution at all times to protect yourself and others from these risks, dangers, and hazards. If children or other persons under your care attend any Ocean Institute activities, then discuss these risks, dangers, and hazards with them as they too must exercise caution at all times.

---

Program Name:

Program Date:

---

### Participant Name:

Last:

First:

Birth date:

---

### Guardian Name:

Last:

First:

Home Phone:

Cell Phone:

Work Phone:

Address:

City:

State:

Zip:

Email:

---

If you attend any Ocean Institute activities, and/or if others under your care attend any Ocean Institute activities, then by checking the box below you, on behalf of yourself and such other persons, shall be deemed to have read and understood this document and to have irrevocably waived any and all claims against the Ocean Institute and its directors, officers, employees, contractors, volunteers, agents, and insurers for damage, injury, accident, illness, or death occurring during or by reason of such activities.

Additionally, I authorize the use of photos taken of me and others under my care by the Ocean Institute for its promotional purposes.

As the Parent/Guardian, I have read and agree to the statements made on this document.

Today's Date:

**R/V SEA EXPLORER MANIFEST**

Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Name of School/Group \_\_\_\_\_

**Ocean Institute** Program \_\_\_\_\_

Number of Students \_\_\_\_\_ Number of Adults \_\_\_\_\_ Total \_\_\_\_\_

1. \_\_\_\_\_

26. \_\_\_\_\_

2. \_\_\_\_\_

27. \_\_\_\_\_

3. \_\_\_\_\_

28. \_\_\_\_\_

4. \_\_\_\_\_

29. \_\_\_\_\_

5. \_\_\_\_\_

30. \_\_\_\_\_

6. \_\_\_\_\_

31. \_\_\_\_\_

7. \_\_\_\_\_

32. \_\_\_\_\_

8. \_\_\_\_\_

33. \_\_\_\_\_

9. \_\_\_\_\_

34. \_\_\_\_\_

10. \_\_\_\_\_

35. \_\_\_\_\_

11. \_\_\_\_\_

36. \_\_\_\_\_

12. \_\_\_\_\_

37. \_\_\_\_\_

13. \_\_\_\_\_

38. \_\_\_\_\_

14. \_\_\_\_\_

39. \_\_\_\_\_

15. \_\_\_\_\_

40. \_\_\_\_\_

16. \_\_\_\_\_

41. \_\_\_\_\_

17. \_\_\_\_\_

42. \_\_\_\_\_

18. \_\_\_\_\_

43. \_\_\_\_\_

19. \_\_\_\_\_

44. \_\_\_\_\_

20. \_\_\_\_\_

45. \_\_\_\_\_

21. \_\_\_\_\_

46. \_\_\_\_\_

22. \_\_\_\_\_

47. \_\_\_\_\_

23. \_\_\_\_\_

48. \_\_\_\_\_

24. \_\_\_\_\_

49. \_\_\_\_\_

25. \_\_\_\_\_

50. \_\_\_\_\_

## LINKS TO CONTENT STANDARDS

### ADVANCED FLOATING LABORATORY

#### Earth Sciences

##### **Energy in the Earth System**

- 5.d. Students know properties of ocean water, such as temperature and salinity, can be used to explain the layered structure of the oceans, the generation of horizontal and vertical ocean currents, and the geographical distribution of marine organisms.
- 5.g. Students know features of ENSO (El Niño southern oscillation) cycle in terms of sea-surface and air temperature variations across the Pacific and some climatic results of this cycle.

#### Chemistry

##### **Acids and Bases**

- 5.b. Students know acids are hydrogen-ion-donating and bases are hydrogen-ion-accepting substances.
- 5.d. Students know how to use the pH scale to characterize acid and base solutions.
- 5.g. Students know buffers stabilize pH in acid-base reactions.

#### Biology/Life Sciences

##### **Ecology**

- 6.a. Students know biodiversity is the sum total of different kinds of organisms and is affected by alterations of habitats.
- 6.b. Students know how to analyze changes in an ecosystem resulting from changes in climate, human activity, introduction of nonnative species, or changes in population size.
- 6.e. Students know a vital part of an ecosystem is the stability of its producers and decomposers.

#### Investigation and Experimentation

- 1.a. Students select appropriate tools and technology to perform tests, collect data, analyze relationships, and display data.
- 1.c. Students identify possible reasons for inconsistent results, such as sources of error or uncontrolled conditions.
- 1.d. Students formulate explanations by using logic and evidence.
- 1.k. Students recognize the cumulative nature of scientific evidence.
- 1.l. Students analyze situations and solve problems that require combining and applying concepts from more than one area of science.
- 1.n. Students know when an observation does not agree with an accepted scientific theory, the observation is sometimes mistaken or fraudulent and that the theory is sometimes wrong.

