

## SCIENTIFIC DIVER SKILLS CHECKLIST

STUDENT NAME	LINE OFFICE	UNIT
INSTRUCTOR NAME	LINE OFFICE	UNIT

TRAINING SESSION - 1 (Demonstrate skills in pool)	PASS	DATE
1. Swim 550 yards <sup>1</sup>		
2. Swim 25 yards underwater <sup>2</sup>		
3. Tread water for 30 minutes on surface <sup>3</sup>		

TRAINING SESSION - 2 (Demonstrate skills on pool deck or in pool)	PASS	DATE
1. Equipment setup and donning with buddy <sup>4</sup>		
2. Pre-dive safety check <sup>4</sup>		
3. Giant stride entry <sup>3</sup>		
4. Forward roll entry <sup>3</sup>		
5. Backward roll entry <sup>3</sup>		
6. Controlled seated entry <sup>1</sup>		
7. Buoyancy check and weight adjustment <sup>5</sup>		
8. Regulator – snorkel exchange while swimming <sup>1</sup>		
9. Descent <sup>6</sup>		
10. Maintain neutral buoyancy at depth <sup>6</sup>		
11. Ascent <sup>6</sup>		
12. Remove, replace and clear mask <sup>6</sup>		
13. Remove, recover and replace regulator using reach method <sup>6</sup>		
14. Remove, recover and replace regulator using sweep method <sup>6</sup>		
15. Remove, recover and replace regulator using tank lift method <sup>6</sup>		
16. Remove and replace weight belt at surface <sup>1</sup>		
17. Remove and replace scuba unit at surface <sup>1</sup>		
18. Remove and replace weight belt underwater <sup>6</sup>		
19. Remove and replace scuba unit underwater <sup>6</sup>		
20. Share air with alternate air source inflator as donor <sup>6</sup>		
21. Share air with alternate air source inflator as receiver <sup>6</sup>		
22. Buddy breathe as donor <sup>6</sup>		
23. Buddy breathe as receiver <sup>6</sup>		
24. Controlled emergency swimming ascent (diagonal) <sup>6</sup>		
25. Controlled emergency swimming ascent (vertical) <sup>6</sup>		
26. Buoyant emergency swimming ascent simulation (vertical) <sup>6</sup>		
27. Self rescue using the Reserve Air Supply System (RASS) <sup>6</sup>		
28. Runaway buoyancy compensator device/drysuit inflator response <sup>5</sup>		
29. No mask drills <sup>2</sup>		
30. Breathing from freeflow regulator <sup>5</sup>		
31. Air turned off drill <sup>5</sup>		
32. Water exit <sup>1</sup>		
33. Equipment shutdown, disassembly and maintenance <sup>1</sup>		

### SCIENTIFIC DIVER SKILLS CHECKLIST

TRAINING SESSION - 3 (Demonstrate skills in confined/open water)	PASS	DATE
1. Equipment setup and donning with buddy <sup>4</sup>		
2. Pre-dive safety check <sup>4</sup>		
3. Water entry <sup>5</sup>		
4. Buoyancy check and weight adjustment <sup>6</sup>		
5. Regulator – snorkel exchange while swimming <sup>1</sup>		
6. Descent <sup>6</sup>		
7. Neutral buoyancy at depth <sup>6</sup>		
8. Ascent <sup>6</sup>		
9. Remove, replace and clear mask <sup>6</sup>		
10. Remove, recover and replace regulator <sup>6</sup>		
11. Remove and replace weight belt underwater <sup>6</sup>		
12. Remove and replace scuba unit underwater <sup>6</sup>		
13. Share air with alternate air source inflator as donor <sup>6</sup>		
14. Share air with alternate air source inflator as receiver <sup>6</sup>		
15. Buddy breathe as donor <sup>6</sup>		
16. Buddy breathe as receiver <sup>6</sup>		
17. Controlled emergency swimming ascent from <30 feet		
18. Self rescue using RASS <sup>6</sup>		
19. Water exit <sup>1</sup>		
20. Equipment shutdown, disassembly and maintenance <sup>4</sup>		

TRAINING SESSION - 4 (Demonstrate skills in confined/open water)	PASS	DATE
1. Equipment setup and donning with buddy <sup>1</sup>		
2. Pre-dive safety check <sup>1</sup>		
3. Water entry <sup>6</sup>		
4. Assist a tired diver <sup>3</sup>		
5. Assist a panicked diver <sup>3</sup>		
6. Assist a panicked diver <sup>6</sup>		
7. Assist unconscious diver <sup>3</sup>		
8. Assist unconscious diver <sup>6</sup>		
9. Tow and perform in-water rescue breathing for unconscious diver <sup>3</sup>		
10. Extricate an unconscious diver from the water <sup>3</sup>		

#### KEY

<sup>1</sup> Skill performed at the surface

<sup>2</sup> Skill performed underwater at any depth

<sup>3</sup> Skill performed at surface in water depth too deep to stand in

<sup>4</sup> Skill performed out of water (e.g. pool deck, pier, or vessel)

<sup>5</sup> Skill performed in water depth shallow enough to stand in

<sup>6</sup> Skill performed underwater in depth too deep to stand in

#### AUTHORIZATION

The student named above has satisfactorily demonstrated all the skills listed per criteria outlined in the NOAA Scientific Diver Instructor Guide.

INSTRUCTOR NAME	INSTRUCTOR SIGNATURE	DATE
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