

U.S. Army Corps of Engineers (USACE)

Log Number

DIVE LOG

For use of this form, see ER 385-1-86; the proponent agency is CESO.

1. Primary Diver	1a. Last Dive in 24 Hrs Date: _____ Time: _____	2. Fit To Dive <input type="checkbox"/> Yes <input type="checkbox"/> No	3. Date and Time of Dive
4. Standby Diver	4a. Last Dive in 24 Hrs Date: _____ Time: _____	5. Fit To Dive <input type="checkbox"/> Yes <input type="checkbox"/> No	6. Location of Dive
7. Dive Tender	8. Weather Conditions <input type="checkbox"/> Clear <input type="checkbox"/> Cloudy <input type="checkbox"/> Freezing/Ice <input type="checkbox"/> Wind <input type="checkbox"/> Hot/Humid <input type="checkbox"/> Drizzle <input type="checkbox"/> Rain <input type="checkbox"/> Snow <input type="checkbox"/> Sleet Other _____		<input type="checkbox"/> H. W. Suit <input type="checkbox"/> Dry Suit <input type="checkbox"/> Wet Suit
		10. Current	11. Bottom Type

12. Dive Mode		13. Air Supply			14. Backup			15. Temperature	
SSA <input type="checkbox"/>	Scuba <input type="checkbox"/>	Compressor <input type="checkbox"/>	Cascade <input type="checkbox"/>	Other <input type="checkbox"/>	Cascade <input type="checkbox"/>	Bailout <input type="checkbox"/>	Other <input type="checkbox"/>	Air	Water

DIVES

	1	2	3	4	5	6
16. BAILOUT BOTTLE PRESSURE						
17. TIME IN/LEAVE SURFACE						
18. LEAVE BOTTOM						
19. TIME OUT/REACH SURFACE						
20. ACTUAL BOTTOM TIME						
21. RESIDUAL NITROGEN TIME						
22. TOTAL BOTTOM TIME						
23. DIVE DEPTH						
24. SEA LEVEL EQUIVALENT						
25. TABLE AND SCHEDULE	/	/	/	/	/	/
26. REPETITIVE GROUP						
27. SURFACE INTERVAL						
28. NEW REPETITIVE GROUP (Altitude Dive see note on page 2)						
29. AIR IN						
30. AIR OUT						
31. TOTAL AIR USED						

32. WORK ACCOMPLISHED/REMARKS/DECOMPRESSION STOP DEPTH & DURATION/UNDERWATER/SURFACE CONDITIONS

33. SIGNATURES

Diver's Name		Dive Supervisor's Name		Reviewer's Name	
Date	Diver's Signature	Date	Dive Supervisor's Signature	Date	Reviewer's Signature

INSTRUCTIONS FOR COMPLETING THE USACE DIVE LOG

BLOCK DESCRIPTION

- 1 Full name of primary diver
- 1a Date and Time of last dive if within the last 24 hours for primary diver
- 2 Check Y or N if primary diver is fit to dive
- 3 Date and Time of Dive - Day/Month/Year/ Time (military)
- 4 Full name of standby diver
- 4a Date and Time of last dive if within the last 24 hours for standby diver
- 5 Check Y or N if standby diver is fit to dive
- 6 Location of dive (name of facility/project)
- 7 Full name of dive tender
- 8 Describe current weather conditions
- 9 Check the type of suit used
- 10 Current in knots
- 11 Bottom type (concrete, silt, lake/river bottom, etc...)
- 12 Check SSA "Surface Supplied Air" or Scuba "Self Contained Underwater Breathing Apparatus" Check Air
- 13 Supply compressor, cascade or other
- 14 Check Backup cascade, bailout or other
- 15 Record both air and water temperatures in Fahrenheit
- 16 Record bailout bottle pressure in PSI prior to each dive
- 17 Record the time the diver descends from the surface
- 18 Record the time the diver leaves bottom
- 19 Record the time the diver reaches the surface
- 20 Record the actual bottom time (block 18 - block 17)
- 21 Record RNT residual nitrogen time from the Navy *Dive Tables* using block(s) 20 & 24 Record Total
- 22 Bottom Time (block 20 + block 21)
- 23 Record deepest depth obtained
- 24 Record altitude corrected deepest dive, Navy Dive Manual Rev 7, Table 9-4
- 25 Table and Schedule from dive table Navy Dive Manual Rev 7, 9-7
- 26 Record repetitive dive group from Navy Dive Tables using block(s) 22 & 24
- 27 Record the surface interval between dives
- 28 Record new repetitive group from the Navy Dive Tables using block(s) 26 & 27. When diving at altitude be sure to re-calculate your repetitive group designator. Refer - Navy Dive Manual Rev 7, Tables 9-4, 9-5, 9-6, 9-7 and 9-8 .
- 29 Record the air in
- 30 Record the air out
- 31 Record the total air used during this dive
- 32 Record actual work accomplished and note any significant items as remarks
- 33 Electronic or sign and print name of the Diver, Dive Supervisor and Reviewer (DOC, AOC or OSR)

DIVING CHECK SHEET

ADMINISTRATION

- | | |
|--|--|
| <input type="checkbox"/> DIVE PLAN | <input type="checkbox"/> LOCK OUT/TAG OUT |
| <input type="checkbox"/> PRE DIVE MTG | <input type="checkbox"/> EMERGENCY NUMBERS |
| <input type="checkbox"/> AIR TEST DATES | <input type="checkbox"/> DIVE FLAG |
| <input type="checkbox"/> CPR CERTIFICATION | |

EQUIPMENT

- | DIVER | STAND-BY | SAFETY |
|--------------------------------------|--------------------------------------|---|
| <input type="checkbox"/> BAILOUT | <input type="checkbox"/> BAILOUT | <input type="checkbox"/> EMERGENCY O ₂ |
| <input type="checkbox"/> FITTINGS | <input type="checkbox"/> FITTINGS | <input type="checkbox"/> BACK BOARD |
| <input type="checkbox"/> ON/OFF | <input type="checkbox"/> ON/OFF | <input type="checkbox"/> FIRST AID KIT |
| <input type="checkbox"/> KNIFE | <input type="checkbox"/> KNIFE | |
| <input type="checkbox"/> COMM | <input type="checkbox"/> COMM | |
| <input type="checkbox"/> BC | <input type="checkbox"/> BC | |
| <input type="checkbox"/> CHECK VALVE | <input type="checkbox"/> CHECK VALVE | |
| <input type="checkbox"/> AIR ON | <input type="checkbox"/> AIR ON | |

SITE CONDITIONS

- | | |
|--|---|
| <input type="checkbox"/> DIVE AGAINST HEAD | <input type="checkbox"/> USING ELECTRICAL EQUIPMENT |
| <input type="checkbox"/> DIVE BELOW 33-FT | <input type="checkbox"/> USING HYDRAULIC EQUIPMENT |
| <input type="checkbox"/> DIVE IN CURRENT | <input type="checkbox"/> WORKING WITH CRANES |
| <input type="checkbox"/> LOCK OUT/TAG OUT | <input type="checkbox"/> WEATHER CONDITIONS |