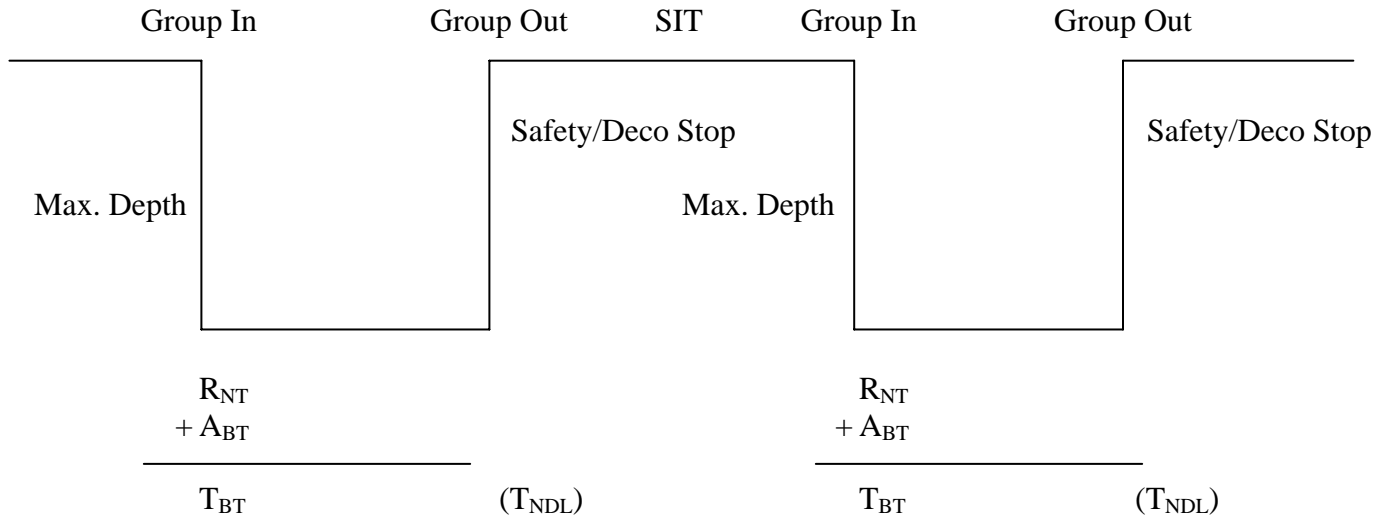


## Dive Table Practice Problems



1. A dive team makes their first dive to 108 feet for :15. After a 2:25 surface interval, they begin their second dive back to 108 feet. How long can they dive without decompression? How long could they dive without decompression if they remained on the surface for an additional :05? **Ans. :07, :10.**
  
2. A diver making a dive to 71 feet is distracted hunting for treasures and spends :50. What procedure must be followed on the ascent? **Ans. :10 deco stop at 10 feet, Group K**
  
3. Three divers dive a wreck at 86 feet for :28. They enjoy a relaxing 2:00 surface interval. They plan their second dive back to 86' for :15. What if any decompression stops must they do during the ascent? **Ans. :07 deco stop at 10 feet, Group J**
  
4. A group of divers are diving a reef whose depth varies between 35 and 48 feet. After spending :50, they ascend and begin their surface interval. They wish to return to the reef for a second dive of :50. How long must they remain on the surface? **Ans. :41**
  
5. A dive team dives their first dive to a wreck at 125 feet. They stay for :24. After a 3:30 surface interval, they dive a second dive to 92 feet and stay for :25. They extend their second surface interval to 4:00 and begin a third dive to 75 feet. How long can they remain at 75 feet without decompression? **Ans. :22**
  
6. How much surface interval time is required to make a non-decompression dive to 80 feet and remain for :20 following a dive to 100 feet for :25? **Ans. 2:24**

7. A dive team dives a dive to 110 feet and remains for :18. They ascend and remain on the surface for 2:00 before beginning a second dive to 80 feet. They remain at 80 feet for :20 and exit the water at 2:20pm. What is their group designation after the second dive? What is the earliest time they can safely fly according to (a) US Navy? (b) NOAA? (c) DAN? **Ans. I, (a) 4:20pm, (b) 5:05pm, (c) 2:20pm next day**
8. A dive team makes a first dive to 118 feet for :18. Following a 2:00 surface interval, they return to 78 feet for :15, exiting the water at 1:30pm. What is their group designation after the second dive? What is the earliest time they can safely fly according to (a) US Navy? (b) NOAA? (c) DAN? **Ans. I, (a) 1:30am next day, (b) 1:30pm next day, (c) 1:30pm next day**
9. A diver dives to 115 feet for :11. He then plans a second dive to 95 feet for :18. What is the minimum surface interval time required for the second dive to be non-decompression? **Ans. 3:23**
10. A diver exits the water at 9:30am concluding a dive to 75' for :20. He wishes to make another dive to 55' for :35. What is the soonest time the diver may enter the water for the 2<sup>nd</sup> dive? **Ans. 10:25am**
11. Following a :30 dive to 90', a diver makes a :05 safety stop at 10'. After a 2:25 surface interval, he wishes to return to 60'. What is the maximum allowable bottom time? **Ans. :36**
12. A diver plans 3 dives during the day: Dive #1 to 120' for :15; dive #2 to 72' for :20; dive #3 to 50' for :40. What are the minimum surface intervals to allow each dive? **Ans. 1:30 & 1:00**
13. A diver begins his last dive as Repetitive Group F. He plans his dive to 62 feet for a maximum bottom time of :15. After catching a lobster, he realizes that his bottom time is :25. What ascent procedure must be followed? **Ans. :08 deco stop at 10 feet, Group K**
14. A dive team dives to 130 feet for :10. They plan a second dive to 90 feet for :18. What is the minimum surface interval time required? **Ans. 1:58**
15. A dive team dives to 100 feet for :20. They stay on the surface for 2:30. How long can they remain at 80 feet without decompression? **Ans. :27**
16. A diver begins a 2 hour surface interval as an "H" diver. What is the residual nitrogen time for a dive to 73 feet? **Ans. :23**