



Snorkel Dive Manager

Timeline Planning

Module objectives

This workshop module shows how we can pull together a timeline for a day focussed around the key time constraints e.g. slack water, launch and recovery timings (available water) and other essential timing constraints.

Students should be encouraged to review any previous knowledge from Snorkel Diver and Advanced Snorkel Diver prior to attendance on this workshop module.

Achievement targets

At the end of this activity the student should feel confident in working through a timeline process for a day of snorkel diving. They will do this under supervision as part of SMP1.

Equipment needed

For this module the instructor and each student will need the following equipment:

- Information and notes from activity workshop modules 1 & 2
- Paper and pen
- Any pre-prepared templates

Duration

It is expected that this workshop module will be run as a dry planning session which would be expected to last between 30 minutes to one hour. The session is best suited to two or more students to allow different ideas and contribution of experiences to be made and timing will reflect the numbers involved in order to ensure everyone is able to make a contribution.

Pre-requisites

Students should have completed the Advanced Snorkel Diver qualification and hold the Advanced Snorkel Lifesaver Award. Students should also have completed SMW1 & SMW2 and have their own notes from those sessions.

Contributes to

This workshop module contributes to the following qualifications / awards:

- Snorkel Dive Manager

It is particularly relevant to have completed this workshop module before SMP3.

Validity

This module remains valid for life.

Instructor Requirements

The lead instructor should be an Advanced Snorkel Instructor or higher. Any BSAC Qualified SCUBA Instructor, or assistant instructor supervised as specified in the DTP guidance notes, can teach the lesson. All instructors should have rehearsed and mastered the practical skills, with other instructors before teaching/supervising students.

Student: Instructor ratio

For this workshop module session there should be a maximum of four students to one instructor. The maximum number of students to each instructor could be extended to six where a number of student groups are involved in a workshop supervised by a lead instructor who is able to monitor all student groups and intervene should assistance be required.

Dry Skills: Planning session

Putting timetable together

Get the student to visualise a day of snorkel diving (either using the example from the last Activity or the plans you have developed together throughout the Activities). As they talk through the day write down the individual activities that will need to happen.

This should produce a list along the lines of the Activity column in Table 1. You can then work through the list and estimate how long each will take. Where things are missed prompt the student to help them identify missing essential activities.

Table 1. Example Activity timing list

Activity	Time (Minutes)
Drive to site	30
Unload cars	20
Day brief	15
Launch RHIB	30
Load RHIB (with kit and people)	20
Travel to site	30
Locate site	15
Deploy shot	10
Snorkelling (including lunch)	180
Recover shot	10
Return to shore	30
Put RHIB on pontoon & unload	20
Debrief	15
Load cars	15

Travel home	30
Total	470

Using key FIXED time constraints on the day (e.g. slacks, HW etc.).

Using the information from Activity 1 and 2 get the student to identify those activities that need to take place at a certain time. In this example we have established that there is no requirement for a slack window on site, but that the RHIB can only be launched between HW-3 and HW+3 and HW is at 05:32

Allow the student to identify the best time to fix for this based on other activities

HW-3: 02:02 to 03:02

HW:05:02 to 06:02

HW+3: 08:02 to 09:02

Given that travel to site is necessary before launching it is likely to be best to plan to launch towards the end of the window but to also make allowances for traffic. The row highlighted in red is the fixed time from which all other timings are calculated

Table 2. Example of completed Timeline

Activity	Time (Minutes)	Start Time
Drive to site	30	06:25
Allow time for traffic etc.	30	06:55
Unload cars	20	07:25
Day brief	15	07:45
Launch RHIB	30	08:00
Load RHIB (with kit and people)	20	08:30
Travel to site	30	08:50
Locate site	15	09:05
Deploy shot	10	09:15
Snorkelling	180	12:15
Recover shot	10	12:25
Return to shore	30	13:05
Put RHIB on pontoon & unload	20	13:25
Debrief	15	13:40

Load cars	15	13:55
Total	440	

Ask the student if they feel that the plan they have come up with is realistic and does it make good use of the day? Allow them to make changes and adjust the plan to something that they feel is workable.

Monitoring and re-evaluation

The timetable is meant to be a practical working tool. It should be printed and laminated or transcribed into a waterproof notebook and referred to throughout the day.

Looking at the timetable you have put together discuss with the student the areas where they would expect time to be lost or gained. What can we do if we are behind time? Does it matter? Talk about the circumstances where it does (missing slack water, boat launch or recovery, dinner!) and circumstances where it doesn't so much.

It may be necessary to curtail snorkel dives if the alternative is not being able to get the RHIB out of the water.

Come up with a plan as to how the timeline will be monitored and what action will be taken to keep it on track.

Further practice

Instructors are encouraged to develop alternative planning examples to allow further practice but should avoid complex and unrealistic examples.

Skills Performance Standards

At the end of this activity the student should feel confident in working through a timeline process for a day of snorkel diving. They will do this under supervision as part of SMP1.

In particular students should be:

- Competent at estimating times required for various key activities.
- Able to prepare an effective timeline from all relevant information.