



# CHECKOUT DIVE SKILLS EVALUATION

## INSTRUCTIONS

**IMPORTANT:** Prior to commencing a checkout dive, an approved Scientific Diving Permit must be in place for the dive. To obtain a Scientific Diving Permit, submit a Scientific Diving Project Description form to the Diving Safety Officer (DSO) at least seven (7) days prior to the dive.

Prior to commencing the checkout dive, all equipment used by the individual being checked out (assessed) shall be inspected by both the diver in charge (examiner) and diver being checked out (examinee) to ensure that it is complete (see table below for minimum requirements) and in a safe/operable condition. The individual being checked out should ideally be diving with equipment that will be used during their Memorial research program, project, or operation.

Diving Equipment Condition: Written proof must be provided, **prior to the day of the checkout dive**, that: 1) all applicable diving equipment (including regulators and air tanks) has been serviced by an authorized service provider not more than one year (365 days) before the day of the checkout dive, and properly maintained since; and 2) on the day of the checkout dive, visually inspect and test the gear chosen is adequate and diver is trained and authorized for use.

The dive plan and dive emergency assistance plan shall be reviewed and approved by all divers and shore or boat tenders on site, immediately prior to the check-out dive.

**NOTE:** All divers involved in the checkout dive must provide written evidence, **prior to the day of the checkout dive**, that: 1) they have attended an approved training course in the use of dry suits in order to use a dry suit during the dive, OR 2) they are competent in diving with a dry suit, as demonstrated, for example, by dive logs (Note Condition as either S= Satisfactory, or E = Excellent).

## DIVER INFORMATION

Diver last name	Diver first name	MI	Date
Certification level attempted (i.e. scientific diver (SD) in training, SD I or SD II) *			
Diving unit name	Diving unit location	Diving unit supervisor	
Dive location		Dive platform (e.g. boat, beach, etc.)	
Other participating divers			
Water temperature (°C)	Surface conditions		
Max. bottom depth (ft)	Bottom time (min)	Visibility (ft)	Current (knotts)
MUN scientific diving permit #			

\* Divers must commence as "scientific diver in training" as described in Memorial's Scientific Diving Safety Manual

<b>EQUIPMENT</b>				
<b>EQUIPMENT ITEM</b>	<b>MANUFACTURER / MODEL</b>	<b>CONDITION</b>	<b>LAST SERVICE</b>	<b>SERVICED BY</b>
Regulator				
Alternate Air Source				
Pressure gauge				
Depth gauge				
Bottom timer				
Cylinder				
BC				
suit				
Knife				
Fins				
Mask / Snorkel				
Dive Table				

Pre-Dive Assessment

- Diving physical completed, reviewed and approved by Memorial
- Observe set-up of equipment, note any fumbling or improper set-up
- Evaluate knowledge of equipment operation
- Is the individual physically fit and able to carry own equipment topside?
- Anxiety level (observe for unusual or questionable behavior)
- Determine if any deficiencies exist prior to commencing dive
- Evaluate judgment, motivation, and professional attitude
- Review safety protocols with diver (in water and topside)
- Select and discuss the characteristics of appropriate dive sites
- Review evaluation skills on surface prior to dive

Pre-Dive Evaluation and Review

- Dive Planning
- Dive Table Knowledge
- Dive Emergency Assistance Plan
- Diving from a Small Boat
- Ascent/Descent Rates
- Environmental Conditions
- Assessment at Dive Site



## CHECKOUT DIVE SKILLS EVALUATION

### DIVER SKILL EVALUATION

The Diver in charge (examiner) is required to assess diver ability on execution of skills relative to performance of tasks required for project/diving operations. Make objective observations. (Note Skill as either; U = Unsatisfactory, N = Needs Improvement, S = Satisfactory, or E = Excellent)

- |   |  |
|---|--|
| Physical condition                        | Surface kick (flutter / scissors)                      |
| Swimming ability                          | Snorkeling skills (clearing at surface)                |
| Equipment knowledge / set-up              | Ditch and don buoyancy compensator (surface & bottom)  |
| Water entry                               | Regulator recovery                                     |
| Weighted properly                         | Clearing flooded mask                                  |
| Free dive with mask and snorkel           | Mask removal, replacement, and clearing                |
| Buoyancy control at surface               | Buddy breathing to the surface                         |
| Buoyancy control at mid-water depth       | Alternate air source to the surface                    |
| Buoyancy control at bottom depth          | Weight belt removal / replacement (surface & bottom)   |
| Controlled ascent / descent rate          | Dry suit roll out and venting                          |
| Underwater communication (hand signals)   | Disconnect / reconnect inflators (BC / Dry suit)       |
| Underwater navigation / orientation       | Knowledge of systems gas mixtures used during the dive |
| Buddy check                               | Buddy contact and awareness during the dive            |
| Break down of equipment and site clean-up |  |

Awareness / anxiety assessment: (apprehensive, cautious, comfortable) :

Critique of ability and skills:

Remarks or problems encountered:

### POST DIVE ASSESSMENT

Critique judgment, motivation, professional attitude, and proper use of diving tables.

Indicate deficiency areas:

### RECOMMENDATIONS OF EXAMINER

Diver check-out dive successful?	YES (at same level)	YES (at lower level)	NO (requires refresher training)
Certification level of:	SCIENTIFIC DIVER IN TRAINING	SCIENTIFIC DIVER I	SCIENTIFIC DIVER II

Certification Restrictions:

EVALUATED BY

TITLE

SIGNATURE

DATE