CMAS

CONFÉDÉRATION MONDIALE
DES ACTIVITÉS SUBAQUATIQUES

WORLD UNDERWATER FEDERATION

SCIENTIFIC COMMITTEE

STANDARD
Underwater Archaeology

Version 2000/00

Ces standards ont été réalisés par les membres du comité scientifique CMAS entre 1997 et 1999

Ces membres étaient :

Président du Comité Scientifique et Vice Président CMAS	Prof. Manuel Martin-Bueno (ESP)
Vice-Président du Comité et Président Archéologie	Mr Serge Ximénes (FRA)
Secrétaire	Dr Alain NORRO (BEL)
Président Biologie	Prof. Dr. Willi Xylander (GER)
Président Géologie	Prof. Dr. Klaus Muller (GER)
Monsieur Enrico RAMPINELLI(SUI)	Membre de la commission archéologie.
Dr Martine Moerman (FRA)	Membre correspondant.
Monsieur Christian Ide	Directeur de projet auprès du bureau exécutif CMAS pour la partie Océanologie

Traductions

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Anglais	A. Norro	Celine Chevet (Océanologie)
Espagnol	M. Martin-Bueno:	

Partie Administrative	Dr Alain Norro
Standard Océanologie	Mr. Christian Ide (texte Français).
Standard Archéologie	Prof. Manuel Martin-Bueno Mr. Serge Ximénes Mr. Enrico Rampinelli Dr Martine Moerman (Original en Français) (Original en Français)
Standard Biologie marine et des eaux douce	Prof. Dr Willi Xylander (Originaux en Anglais).
Standard Géologie	Prof. Dr Klaus Muller (Original en Anglais)

Révision, unification et édition de l'ensemble des standards Dr Alain Norro

UNDERWATER ARCHAEOLOGY
CMAS SCIENTIFIC SPECIALITY CERTIFICATE

Archaeology diver	Theory	20 h
	Field work	10 h
	Total	30 h

Advanced Archaeology diver In addition to Underwater Archaeology,
Theory 10 h
field work 20 h
short thesis on an excavation work done or a project 20h

1. ARCHAEOLOGY DIVER

1.1. Purpose of the course

1.1.1. Familiarise the divers to the underwater archaeology techniques.
1.1.2. Consciences the diver with the necessity of protecting the cultural heritage.

1.2. Entrance level and requirements

1.2.1. Minimum age: 18 years.
1.2.2. At least 1* CMAS Diver
1.2.3. Medical aptitude: according to rules of the member federation, or to the legislation of the country concerned.

1.3. Instructor/student ratios in open water (maximum)

1.3.1. In accordance with the Federation's rules

1.4. Instructors

1.4.1. At least 3* CMAS diver or CMAS scientific diver.
1.4.2. Proof of experience in underwater archaeology by University degree in the field of archaeology or experience confirmed by a CMAS Underwater Archaeology confirmed instructor.
1.4.3. Participation to an archaeology course given by a CMAS confirmed instructor.

1.5. Special rules:

1.5.1. The divers have to respect the local Department of culture current legislation.
1.5.2. The divers have to respect, if applicable the Department of work legislation.

1.6. Purposes of course for the students.

At the end of the course, the students should be able to:

1.6.1. Theoretical aspect:

1. To be able to identify the features of an archaeological site.
2. To be able to set up the necessary equipment and undertake the activity safely.
3. To have the knowledge of the specific equipment used in underwater archaeology and the risks attached to their use.
4. To demonstrate their knowledge in the different times or cultures that they may discover during their works in the country or the site concerned.
5. To be able to provide to the responsible authority a report of eventual discoveries.

1.6.2. Practice aspect:

The diver have to demonstrate his practical knowledge using the specific equipment needed for underwater archaeological including safety equipment.

1.7. Program and training duration:

1.7.1. Training minimal duration

1. 1 weeks with 30 h of courses
2. Courses subjects.

1.7.2. Content of course

1.7.2.1. Theoretical courses. 20h

1. Definition and historical record of the underwater archaeology(1h).
2. Excavation equipment(3h).
3. Use of the excavation material – logistics(2h).
4. Organisation and safety rules(4h).
5. Material and techniques of prospecting (3h).
6. Speciality courses (according to historical and cultural context of the country concerned)(4h).
7. Drawings, notes and photography(3h)

1.7.2.2. Practical lessons underwater

1. Setting up of a site:
2. Use of the equipment.
3. Practice of excavation.
4. Practice of prospecting.(10h depending of the depth)

2. ADVANCED ARCHAEOLOGICAL DIVER

In addition to the condition required for the archaeological diver, the candidates to the advanced level must obtain the first level and demonstrate an activity in the field of underwater Archaeology.

2.1. COURSES APPROVAL.

See General procedure §

2.2. Checking of the knowledge/technical tests for the two levels

2.2.1. *Theoretical knowledge*

1. Advised type: final test
2. Advised form: written

2.2.2. Practical knowledge

1. Advised type: continue test

2.3. Final accreditation

Eventual delivery to the divers at the end of the course. The divers having completed successfully all courses requirement can get the CMAS card and diploma, according to the rules of the members federation.