

# DiveCert™

**Certification · PMS · Asset Management**

The easy way to manage your diving system assets

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**NAMAKA SUBSEA**  
for all your subsea needs.

# Introduction

**Namaka Subsea is an established subsea consulting company offering innovative solutions to ensure our client requirements and expectations are met.**

**Projects are carried out both safely and efficiently in accordance with best industry practices anywhere in the world.**

This includes the auditing of diving and ROV contractors both operationally and technically, to ensure the contractor and subsequent client has sufficient confidence to carry out global operations, ensuring compliance with current best industry practices as well as geographical legislation. Furthermore Namaka Subsea offer a range of accredited training courses that will assist individuals reach their true potential within the workplace.

It is the aim of Namaka Subsea to take the knowledge and experience gained by our personnel over the years to provide both technical and operational support to our clients within the subsea industry including diving and ROV operations. We will provide the client with the required expertise to support their operations and projects with the onus of improving safety and efficiency, ensuring the client can secure a competitive advantage within the industry.

- **Auditing**
  - Technical Audits
  - Assurance audits
  - Safety Management System
  - Media Audits (DMAC)
- **FMECA**
  - Failure Mode Effects and Criticality Analysis
- **Planned Maintenance Systems**
- **Diving Technical Authority**
- **Client Work Representatives**
- **Project Management**
  - Diving System New Build
  - Diving System Re-fit
  - Diving System Mobilisation
  - Diving System Maintenance Campaign
- **IMCA Membership Assistance**

# DiveCert...

## Certification, asset management & PMS for dive systems, the easy way.

### Let your asset management system do the work for you.

DiveCert is a certification, asset management and planned maintenance software system specifically designed for the diving industry. With over 400 certification & maintenance templates included, DiveCert has been designed around global diving standards, allowing you to certify equipment the correct way!

Many diving contractors find it difficult to control their maintenance and certification, often misplacing certificates, completing certificates incorrectly and losing track of when diving equipment is due to be re-certified and maintained. This can then cause issues during dive system audits, where non-conformities may be issued against the diving contractor, delaying diving operations and the client project.

DiveCert has been developed to eradicate these issues while assisting compliance with IMCA guidelines, all from one easy to use software portal.



**DiveCert...**



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# Features...

- Store user's details, including a digital signature, for automated signing off
- Attachments can be attached to certificates, for storing user manuals and documentation
- One click recertification for certification
- A simple filter and search function
- Creation of custom template for additional equipment requirements
- Multiple user and database ability
- Exportable Excel (CSV) reports
- Workstation, server based or cloud system database hosting
- And best of all... It's both Windows & OS compatible



# Certificates...

We've taken the time to design our templates based around the requirements of the IMCA guidance documents, therefore all the require fields are predetermined, making the complete process quicker and easier.

Compliance with best industry practice as laid out in IMCA D018 can be easily achieved by the selection of one of the system certificate templates. Unique certificate templates are available for all diving system equipment test requirements, with the required fields pre-populated with the relevant IMCA D018 detail sheet references.

DiveCert is designed in such a way that once an asset is stored in the database you simply assign a certification template and complete the inspection details. Each template also has a set periodicity, which is based on the IMCA requirements, allowing the software to alert you before the certificate expires.

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Communications Visual Examination & Test 6m  
Certificate created by DiveCert - Cert No: ADS-001/1

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**Item Description**

System: ADS-001  
Location: Dive Control  
Item: Diver Communications  
Asset ID: ADS-0123123  
Manufacturer: IHC Hytech  
Model: Communicator 803R  
Serial Number: IHC-COMMS-454332  
Periodicity: 6 monthly


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**Tests**

Test Reference: IMCA D018 Sheet 6  
Function Test: Complete  
Visual Examination: Complete  
Continuity Test: Complete  
IR Test: Complete

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Test carried out by: Lee Duncan  
Position: Dive Technician  
Test Information: All tests carried out and pass in accordance with IMCA guidance.  
Test Date: 21 Sep 2016      Expiry Date: 21 Mar 2017  
Category of Competent Person: 1, 2 or 4

Signature: *Lee Duncan*      Stamp: 

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IMCA Category Competent Person:  
1 - Diving or Life Support Supervisor      3 - Classification Society, Chief Engineer, In-house Chartered Engineer or Equivalent  
2 - Diving Technician      4 - Manufacturer or Supplier of the Equipment

SAMPLE CERTIFICATE

# Planned maintenance...

Planned maintenance is an important part of any dive system, not only to ensure diver safety but to increase longevity and performance of any asset!

DiveCert will allow you to assign a complete maintenance schedule to any asset, ensuring that both equipment maintenance and testing are captured at the prescribed period.

All manufactures manuals can also be stored within the database, providing easy access to all supporting documentation.

We've implemented a traffic light system to the software, allowing users to simply identify the status of an asset.

Orange - 30 days remaining

Red - Requires recertification

Dive Technicians can simply login, with secure personal details, and produce work orders, Exportable Excel (CSV) maintenance reports or complete maintenance schedules from multiple locations.

Planned maintenance can be implement by the end users, any of our assigned distributors or one of our data population technicians.

Best of all, once a maintenance schedule is assigned to an asset it will continue to remain with that asset for its entire life cycle, just by clicking one simple button!

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Diver Helmet Visual Examination & Function Test 6m  
Certificate created by DiveCert - Cert No: ADS-001/1

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**Item Description**

System: ADS-001  
Item: Diving Helmet  
Location: Dive Control  
Asset ID: ADS-DH-KM-001  
Manufacturer: KM  
Model: KM37  
Serial Number: KMDSI-37-3242  
Periodicity: 6 monthly

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**Tests**

Test Reference: IMCA D018 Sheet 5.3  
Visual Examination:  
Integrity:  
Mechanical:  
Electrical:  
Communications:  
Function Test:

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Test carried out by: Lee Duncan  
Position: Dive Technician  
Test Information: All tests completed as per IMCA guidance.

Planned Maintenance Information:

1. Visual examination of helmet and components to include oral nasal mask condition, oral nasal mushroom valve, helmet liner press stud's security.
2. Remove and disassemble regulator diaphragm, remove clean and examine demand regulators.
3. Reassemble and adjust demand regulators as per manual settings.
4. Check face plate screws are still at proper torque.
5. Function test side block valves.
6. Function test Non Return Valve.
7. Check function and condition of all electrical components including, comms, camera, lights, electrical whip and plug, carry out insulation resistance and continuity check on hat assemblies. Record results.
8. Check overall condition of camera light pigtail.
9. Check the neck dam and sealing 'O' ring are in good condition.
10. Check neck dam fits correctly into hat, check locking collar pull pins for smooth and function correctly.
11. Check shell for any damage.
12. If fitted check condition of suit inflation connection from side block.
13. Hat box has a hat specific logbook.

# Asset Management...

All company diving system related assets can be entered into the systems database and can be managed by the user.

Assets transferred between systems can be re-located with all the required documentation and can be tracked throughout the company worksites.

DiveCert will allow the user to enter all of their dive system asset into the database, which can then be manipulated as the user requires. Information help on the assets include:

- Location
- Asset ID (Unique)
- Description
- Manufacturer
- Model
- Serial Number

Assets can also be transferred between systems, projects or locations with a simple click of a button. All documentation & attachments are carried over to the new system, which is fully traced and searchable.

The screenshot displays the 'Global Asset Register' window of the DiveCert software. It features a menu bar with 'File' and 'Edit', and a tabbed interface with 'New Certificates', 'All Certificates', 'Assets', and 'Global Assets' selected. The main area contains three sections: 'Global Asset Register', 'Asset Transfer History', and 'Certificate Transfer History', each with a table of data and an 'Asset ID Filter' input field. Below the tables are buttons for 'Export (CSV)...', 'Print Assets', 'Transfer Asset', and 'Delete Asset'.

| Location     | Asset ID         | Description            | Manufacturer       | Model             | Serial Number   | System  |
|--------------|------------------|------------------------|--------------------|-------------------|-----------------|---------|
| Dive Control | ADS-DC-COMMS-001 | Diver Communications   | IHC Hytech         | Communicator 803R | IHC-COMMS-45433 | ADS-002 |
| Dive Control | ADS-DC-AN-001    | O2 & CO2 Analyser      | IHC Hytech         | 3-20-399          | IHC-AN-354245   | ADS-002 |
| Dive Control | ADS-DC-GA-001    | Depth Gauge (Diver 1)  | 3D Precision Gauge | 90 MSW (300 FSW)  | 3D-GA90-43145   | ADS-001 |
| Dive Control | ADS-DC-GA-002    | Depth Gauge (Diver 2)  | 3D Precision Gauge | 90 MSW (300 FSW)  | 3D-GA90-43343   | ADS-001 |
| Dive Control | ADS-DC-GA-003    | Depth Gauge (Stand By) | 3D Precision Gauge | 90 MSW (300 FSW)  | 3D-GA90-43456   | ADS-001 |
| Dive Control | ADS-DC-DP-001    | 3 Diver Panel          | IHC Hytech         | 2.80.3267         | IHC-DP-43531    | ADS-001 |
| Dive Control | ADS-DC-FE-001    | Fire Extinguisher      | MFS                | Dry Powder - 2ltr | MFS-FE-03441    | ADS-002 |

| User       | Old Asset ID     | New Asset ID     | To      | From    | Date       |
|------------|------------------|------------------|---------|---------|------------|
| Lee Duncan | ADS-DC-FE-001    | ADS-DC-FE-001    | ADS-002 | ADS-001 | 28/09/2016 |
| Lee Duncan | ADS-DC-AN-001    | ADS-DC-AN-001    | ADS-002 | ADS-001 | 28/09/2016 |
| Lee Duncan | ADS-DC-COMMS-001 | ADS-DC-COMMS-001 | ADS-002 | ADS-001 | 28/09/2016 |

| Certificate        | User       | Asset ID       | Equipment    | Item           | To      | From    | Old Cert No. | New Cert No. | Date       |
|--------------------|------------|----------------|--------------|----------------|---------|---------|--------------|--------------|------------|
| Fire Fighting V... | Lee Duncan | ADS-DC-FE-001  | Dive Control | Fire Fighting  | ADS-002 | ADS-001 | ADS-001/1    | ADS-002/3    | 28/09/2016 |
| Analyser Calib...  | Lee Duncan | ADS-DC-AN-0... | Dive Control | Analyser       | ADS-002 | ADS-001 | ADS-001/1    | ADS-002/2    | 28/09/2016 |
| Communicati...     | Lee Duncan | ADS-DC-COM...  | Dive Control | Communicati... | ADS-002 | ADS-001 | ADS-001/1    | ADS-002/1    | 28/09/2016 |



# Training & Assistance

## Looking for assistance, training or have a technical question?

**Whether you have a diving equipment certification question or require technical support our team of experts are on hand to help.**

### Training

DiveCert courses are available to individuals who wish to enhance their skills or to companies who wish to train a pool of technicians. A basic familiarisation course (1 day) is available or alternatively bespoke courses, covering all aspects from installation to custom template development, can be requested.

### Data Population

Our trained technician or partner manufactures can assist with the data population of your DiveCert database. This can include:

- Population of all assets.
- Population of all associated certificates.
- Population of all equipment task lists.
- Population of all class related requirements additional templates.

### Technical Support

As part of the DiveCert licence agreement, all clients are entitled to technical support. This includes:

- Telephone Support
- Online Remote Support
- Software Updates
- D.E.S.I.G.N. Documentation Updates