

MarineCerty

A Marine certificate management platform driven by blockchain





Why MarineCerty?



Instant-verification

Instantly verify credentials via the certificate ID or link on blockchain



Ensure authenticity

Ensure all certificates are authentic, reduce the ability to use fake or duplicate certificates



Auditability into all data transactions

Ability to audit data transactions that are time-stamped and stored on the Blockchain



Immutability

Store transactions on an immutable Blockchain Infrastructure for tamper-proof certification



Encrypted by design

Data is stored on a distributed ledger with state of the art encryption



All-in-one certificate management platform driven by blockchain



Issue tamper-proof certificates

Certificates issued via MarineCerty are secured through blockchain, ensuring the certificate data can never be tampered with



Provide instant verification

Certificates are pushed on blockchain, by institutes, enabling anyone to conduct instant due-diligence



Increased trust

With Blockchain, there is increased trust and reliability for certificates as they can be instantly verified and monitored

How to Issue Certificates



Step 1: Requirement Specific Dashboard will be designed

- Dashboard to manage certificate issuance to the seafarers. After on-boarding, DG Shipping / institute gets access to a dashboard.

Step 2: Create / Upload Certificates using Dashboard

- Follow a simple wizard for creating / uploading certificates. Fetch student data via CSV update / API, preview data. Finally upload the certificates.

Step 3: Validate and Issue Certificates

- Audit each uploaded certificate, prior to issuance. Configure admin rights to allow data validation, signatures. Post validation, issue certificate on the blockchain.

Validate certificates in one-click



Search by Certificate ID

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Certificate Recipient

Manjit Singh

Course

Level 1 endorsement for Oil Tankers

Certificate Id

4qbnzw3j

Issue Date

May 5, 2020

Verification Proof

Verified by **OBELIX MARINE**

Issuer Address: 0x71ca5...a5ec95

Blockchain Transaction Hash: 0x5f3ed...a4ab4c



- Use the certificate ID or link to instantly verify credentials. View the certificate on Blockchain. No need of a 3rd party verification agency.

Pilot Run



with Obelix Marine

Obelix Marine via “Darya Sail” and Globsyn Business School has begun issuing certificates on Blockchain.

This PoC (Proof of Concept) has proved the validity to the solution and the need for a much wider adoption across the value chain.

Certy

certy.io/verification-staging#tq934zgc

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CERTY

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Certificate Recipient
Dhruv Dogra

Course
Refresher Course in Bridge Team Management

Certificate Id
tq934zgc

Issue Date
May 7, 2020

Verification Proof
Verified by **OBELIX MARINE**
Issuer Address: 0x71ca5...a5ec95
Blockchain Transaction Hash: 0x88ec0...1829e8

Issuing Organization

here to search

DARYA SAIL
SIMULATION AND INTERACTIVE LEARNING CENTRE
4th Floor, Vipul Plaza, Sector - 54, Golf Course Road, Gurugram - 122002, Ph: +91886825249 / 9124 688200 Email: info@obelixmarine.com

Certificate No. **DS/01/2020**

THIS IS TO CERTIFY THAT **DHRUV DOGRA** Holder of
C.D.C. No. **MUM138750** Passport No. **Z4865841** Nationality **INDIAN**
Certificate of Competency Grade **MASTER FG** No. **COC0071539**
has completed a
REFRESHER COURSE IN BRIDGE TEAM MANAGEMENT
held on **06-02-2020** Bridge Team Management Course is in accordance with IMO Model Course 1-22 and satisfies regulation 1/12 of the International Convention and Watchkeeping for Seafarers 1995, as amended and Section B-V111/2 Part 3-1 & 3-3 of the STCW Code.
Issued at **GURUGRAM** this **06** day of **FEB - 2020**



Marine Certy Use-Cases

Organizations automate their processes of issuing paper based certificates by issuing tamper proof digital certificates and managing the certificate verification requests using a consolidated dashboard.

Institutes > Issue digital STCW courses certificates.

Administration > Issue COC, COP, Endorsements & instant verification.

Flag State > seafarer equivalent certification, vessel certification & verification

Employers > Easy instant certificates verification, digital database.

Class > vessel certification & instant verification.

PSC > Instant verification of vessel & crew certificates remotely.

P&I Club > Smart Contracts & Digital Certificate of Entry.

OCIMF > Instant verification of certificates, digital circulars / guidelines.



Blockchain Technology driven Digital Certification



Organized certificate management where you can securely upload, view and share Original Certificates through a link / QR code.



Behind MarineCerty



Obelix Marine is an independently owned global company, which leads the way in providing expertise in the shipping Industry with latest technology solutions for the auditing, consultancy, sales and support.

OUR BLOCKCHAIN TEAM

Established in 2006, is one of India's rapidly growing tech companies. They dived into Blockchain Technology in 2016 and have been fortunate to work with Fortune 500s, governments, startups across the world to build award-winning, validated products.



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