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Maritime Studies Department

TRAINING CREWS

FOR HYDROGEN POWERED SHIPS

BRAGGING MOMENT.....

MSF 4802 / REV1109C



CERTIFICATE OF RECOGNITION OF TRAINING/EDUCATIONAL PROGRAMME

Certificate Number 00 5529

This is to certify that

Orkney College

Department of Maritime Studies

Victoria Street

Stromness

KW16 3BS

United Kingdom

has been recognised by the Maritime and Coastguard Agency as delivering:

Advanced Training for Service on Ships using Compressed Hydrogen Gaseous Fuels

which complies with

IGF Code Part D(19.2), STCW regulation V/3





Innovation and Development of new technology slows down when...

.....legislation fails to keep up and does not provide safety standards and training.

IMO TRAINING
FOR LOW
FLASHPOINT
FUELS
(IGF CODE)

- An established training pathway but...
-completely LNG focused...
-not vessel specific.
- Cannot keep pace with developments.

The Project: HyDime, a dual fuel Hydrogen Ferry.
Getting hydrogen to sea, stored below decks, testing the
legislation as much as the technology.



Maritime and
Coastguard Agency



University of the
Highlands and Islands
Orkney College



EMEC
THE EUROPEAN MARINE ENERGY CENTRE LTD



Ingredients:

- Day 1: Hydrogen Safety Awareness.
- Day 2: Designing for Safety, ATEX, Emergency Procedures and Fire Fighting Theory.
- Day 3: Vessel Safety Management Systems Workshop. (Orkney Ferries)
- Day 4: Fire Fighting Techniques. (on vessel)
Refuelling Practical Training (at EMEC Fuel Cell Facility)

.... AND FINALLY!

WHAT IS REALLY HOLDING
UP HYDROGEN?

THIRD PARTY SERVICING,
REPAIR AND INSTALLATION.

