



Maritime &
Coastguard
Agency

Maritime Health Seminar

FIT TO FISH

**The introduction of ILO 188:
Understanding Fishermen, their life, work
and risk profile**



Maritime &
Coastguard
Agency

Housekeeping

- Fire alarms, exits, muster point
- Mobile phones to silent/vibrate



Maritime &
Coastguard
Agency

Why this theme?

- Next year specific fishermen are going to be required to hold a medical certificate
- Very different lives and roles
- Some may have been working for many years with conditions which might be considered to make them unfit
- Grandfather rights



Maritime &
Coastguard
Agency

Aims of the day:

To gain an understanding of:

- ILO Work in Fishing Convention (ILO 188)
- Work and life on board for fishermen
- Fishing areas, and restrictions
- Application of Grandfather rights

All in order to prepare you for what may well be some difficult decisions



Maritime &
Coastguard
Agency

A few changes...

- Rapid fire cases around grandfather rights
- Feedback and discussion on morning cases at the end of the session

As ever we will welcome feedback on how to improve for next year!



Maritime &
Coastguard
Agency

Updates

- Move to CAD testing
- MSN 1839
- AD Manual – new edition imminent
- Online Medical Database
- ENG 1 Fee



Maritime &
Coastguard
Agency

Programme for Today

Speakers

- Hip and knee problems, daytime sleepiness
- Implementation of ILO 188
- Life, work, health problems and risks for fishermen

Table discussions

- Morning – rapid fire cases round grandfather rights, cases arising over the year
- Afternoon – Referee cases and discussion

Updates – Online Medical Database, Audit reports



Maritime &
Coastguard
Agency

Maritime Health Seminar

FIT TO FISH

**The introduction of ILO 188:
Understanding Fishermen, their life, work
and risk profile**



Maritime &
Coastguard
Agency

Maritime Health Seminar

FIT TO FISH

**The introduction of ILO 188:
Understanding Fishermen, their life, work
and risk profile**



Maritime &
Coastguard
Agency

Dr Paul Reading
Consultant Neurologist,
James Cook University Hospital
Middlesbrough



Maritime &
Coastguard
Agency

Maritime Health Seminar

FIT TO FISH

**The introduction of ILO 188:
Understanding Fishermen, their life, work
and risk profile**



Maritime &
Coastguard
Agency

Implementation of ILO Work in Fishing Convention (ILO 188) into UK Law

Maritime Health Seminar 2017

Fit to Fish

Louise Unsworth– MCA Seafarer Safety and Health Branch

Louise.Unsworth@mca.gov.uk



Maritime &
Coastguard
Agency

ILO 188. What is it?

- An international minimum standard regulating living and working conditions on board fishing vessels.
- Based on tripartite agreement reflecting the needs of the fishing industry.
- Came into force internationally on 16 November 2017



Maritime &
Coastguard
Agency

What does it do?

Entitles all fishermen to:

- written terms and conditions of employment (a fisherman's work agreement),
- decent accommodation and food,
- medical care,
- regulated working time,



Maritime &
Coastguard
Agency

What does it do?

- repatriation,
- social protection and health and safety on board,
- provides minimum standards relating to recruitment and placement and
- Medical examination and certification



Maritime &
Coastguard
Agency

Why Implement ILO 188?

- Improve the living and working conditions for all fishermen (including migrant fishermen) working onboard UK Fishing vessels or in UK waters.
- Update our existing legislation to comply fully with ILO 188 standards.
- Comply with stakeholder wishes.
- Commercial advantages for our larger vessels visiting foreign ports



Maritime &
Coastguard
Agency

Main Gains for UK/MCA

- ILO 188 regulates non employed (share fishermen) as well as employed ones
- UK has been seeking to extend health and safety provisions to share fishermen for some time.
- Requirement for fishermen to be medically fit to work. (No existing medical fitness requirements for UK fishermen)



Maritime &
Coastguard
Agency

Main Gains for Fishermen

- Transparency
- Minimum Standards of accommodation
- Legislative framework to build on.
- Internationally agreed minimum standards of living and working conditions.



Maritime &
Coastguard
Agency

Development

Formed a tripartite working group in 2014 to advise on ILO 188 implementation in the UK.

Government.- MCA and DfT

- Industry. Fishing Federations
- Fishermen - Fishermen's Mission and Nautilus International
- Prepared a package of documents for public consultation.



Maritime &
Coastguard
Agency

Development

Seafarer safety and health is not a devolved responsibility.

MCA will implement ILO 188 for the UK (England Scotland, Wales and Northern Ireland)



Maritime &
Coastguard
Agency

What is MCA doing?

- Refining and developing proposed legislation and guidance following public consultation
- Training Surveyors
- Continue to develop the proposed medical fitness standards for Fishermen



Maritime &
Coastguard
Agency

When will it happen?

8 week Public Consultation November –January
2018

ILO 188 came into force internationally 16
November 2017

Target date for UK Regulations come into force
May 2018.



Maritime &
Coastguard
Agency

Medical Fitness Requirements

Use the existing medical and eyesight standards in MSN 1839

ENG1

Fishermen working on board vessels of over 24m in length or on any vessel which go to sea for more than three days at a time.

ML5

Fishermen on smaller vessels (which do not go to sea for more than three days at a time)



Maritime &
Coastguard
Agency

Implementation of Medical Fitness Requirements

Timescale.

- Fishermen requiring ENG1 medicals need them as soon as UK implementing regulations are in place. (Some flexibility)
- ML5 medical certification requirement starts two years from the time that the regulations come into force in the UK.



Maritime &
Coastguard
Agency

Eyesight Standards

Colour Vision

- New entrants to the industry required to meet the existing standards for eyesight.
- Existing fishermen who hold FV qualifications or work as watchkeepers and do not meet the existing standards may continue to work in their current role.
- Existing fishermen who wish to apply for a higher qualification required to meet the existing standards for eyesight.



Maritime &
Coastguard
Agency

Eyesight Standards

Visual Acuity

Corrected Acuity

- All fishermen to meet the same corrected visual acuity standards as those required for MN seafarers

Unaided Acuity

- New entrants to the industry to meet the standards required for MN seafarers.
- Existing fishermen do not have to meet the unaided visual acuity standards. (Provided they meet the corrected standards as above)



Maritime &
Coastguard
Agency

Grandfather Rights

Why?

- Want to implement ILO 188 standards without disadvantaging existing fishermen
- Grandfather rights often used when implementing new legislation.
- Lack of data about the fitness level within the UK industry



Maritime &
Coastguard
Agency

Defining Grandfather Rights

1. Fisherman taking first ENG 1 or ML5 assessment
2. Demonstrate that they have been working as a fisherman in the last 5 years.
3. Evidence they are fit to work in current role
4. No risk that medical condition could lead to sudden incapacitation at sea.
5. Supporting evidence from owner or operator that they are fit to undertake their role.



Maritime &
Coastguard
Agency

Now Over to You!



Maritime &
Coastguard
Agency

Thank you for listening
Any questions?



Maritime &
Coastguard
Agency

Maritime Health Seminar

FIT TO FISH

**The introduction of ILO 188:
Understanding Fishermen, their life, work
and risk profile**



Maritime &
Coastguard
Agency

Rapid fire cases

As soon as the table have come to a decision:

- Fit (Cat 1 or restricted Cat 2)
Green card
- Unfit (Temp Cat 3 or Perm Cat 4)
Red card



Maritime &
Coastguard
Agency

Case 1

Fisher aged 30

On family vessel for the past 10 years.

Diabetic on stable dose of insulin for many years.

Moderate but not perfect control.

High blood glucose and HbA1c above normal.

Recent minor hypos.

No significant change over the past five years.

Skipper (also his father) feels he is fit to work.



Maritime &
Coastguard
Agency

Case 2

The above fisher returns for a follow up medical. Insulin dose increased in the past few months. Control is better but had two significant hypos. Other crew have had to help him to take a sugary drink.



Maritime &
Coastguard
Agency

Case 3

40 year old fisher.

On scallop dredger close to shore for 20 years.

Single unprovoked seizure three months ago.

On no medication.



Maritime &
Coastguard
Agency

Case 4

40 year old fisher

On fishing vessel in N Atlantic for 20 years.

Known epilepsy since age 12.

No medication for 7 years.

No seizures for 9 years.



Maritime &
Coastguard
Agency

Case 5

Fisher, skipper of family vessel for 15 years.

MI 6 years ago.

No other cardiac events.

Returned to work a few months later.

Working uneventfully since.

He is obese and smokes.



Maritime &
Coastguard
Agency

Case 6

50 year old fisher

Skipper of his own vessel 20 years

BMI 50, unchanged for many years.

He states that he can perform all his duties



Maritime &
Coastguard
Agency

Main case studies

40 minutes table discussion

- Tables 1-6 cases start on cases A and B
- Tables 7-12 start cases C & D

20 minutes open forum discussion



Maritime &
Coastguard
Agency

A. Renal Colic.

50 year old captain removal of a symptomless renal stone, kidney stone 20 years previously.

1. Discuss this case with respect to the reviewed guidance.
2. What further information would you need?

Further information: *renal tract now clear, metabolic screening normal. Risk of recurrence low*

2. What decision do you think would be appropriate?
Would you wish to seek CMA advice first?
3. Do you have any comments on the revised standard?



B. Hearing aids

Catering worker on ferries, wears hearing aids, cannot provide an audiologist's report. Fails unaided audiometry with both ears, feedback from the hearing aids so is unable to pass aided.

1. What would be the simplest way to go forward with this case?
2. If her aided hearing meets the standard, what else do you need to explore?



C. Nut allergy

Seafarer aged 20 allergic to peanuts, asthma.
Has epipen, never used it. Previously fit, no restrictions.

1. How would you assess his fitness to work?
2. What further information would you ask for?
*Multiple allergies as a child, steadily improved.
Never suffered a life threatening reaction.*
3. What would be your fitness decision?
*Made fit, remains fit and well for several years, then eats
a meal containing peanuts. He has a severe reaction,
Helicopter evacuation to hospital is required.*
5. What would now be your fitness decision?



Maritime &
Coastguard
Agency

D. Hip replacement, physical capability

63 year old fisherman first ENG examination. Arthritic hip, on waiting list for a hip replacement. Problems when rough.

1. How would you assess his fitness to work?

2. Further information/investigations?

Your table leader can provide this further information:

Needs to climb a vertical ladder, cannot manage it quickly.

3. What category of certificate would you issue, and with what (if any) restrictions?

4. He returns following hip replacement, been off work and needs to revalidate his medical certificate, how would you proceed now?



Maritime &
Coastguard
Agency

Maritime Health Seminar

FIT TO FISH

**The introduction of ILO 188:
Understanding Fishermen, their life, work
and risk profile**



Maritime &
Coastguard
Agency

Maritime Health Seminar

FIT TO FISH

**The introduction of ILO 188:
Understanding Fishermen, their life, work
and risk profile**



Maritime &
Coastguard
Agency

Maritime Health Seminar

FIT TO FISH

**The introduction of ILO 188:
Understanding Fishermen, their life, work
and risk profile**



Maritime &
Coastguard
Agency

Dr Jonathan Broome

The role of the MCA referee



Maritime &
Coastguard
Agency

Afternoon case studies

40 minutes table discussions

5 minutes per case for open forum
discussion and referee summary



Maritime &
Coastguard
Agency

E. BMI, sleep apnoea

47 year old winch operator, OSA, BMI 48.3.

1. How would you assess his fitness to work with the above information?
2. What further information/investigations would you need?

Able to undertake all physical duties since 2003, passed emergency sea survival and rescue courses, satisfactory response to CPAP with evidence of compliance. Able to use CPAP on board, carried spares

3. What category of certificate would you issue, and with what (if any) restrictions?



Maritime &
Coastguard
Agency

F. Seizures

22 year old photographer, seizure disorder from age 11 months, on and off medication Her last seizure was 2.5 years ago, collapse 2 years ago triggered by stress. Treated hypertension and severe eczema

1. How would you assess fitness to work with the above information?
2. What further information/investigations would you need?

Reports: Seizure disorder, and functional episodes of collapse. Medication recently changed

3. What category of certificate would you issue, and with what (if any) restrictions?



Maritime &
Coastguard
Agency

G. Multiple Sclerosis

46 year old master, optic neuritis 3 years ago. Last year numbness and tingling ascending to the umbilicus. No motor symptoms. Diagnosis Multiple Sclerosis. Slowly settled over next few months. He had remained well and stable on disease modifying drug

1. How would you assess his fitness to work with the above information?
2. What further information/investigations would you need?
3. What category of certificate would you issue, and with what (if any) restrictions?



Maritime &
Coastguard
Agency

H. BMI

49 year old scientist working on research vessel, no emergency duties. Her weight was 120 kg, height 1.5.m and BMI 53. temporarily unfit for one year in the past when her weight dropped to 109kg, but steadily rising ever since.

1. How would you assess her fitness to work with the above information?
2. What further information/investigations would you need?
3. What category of certificate would you issue, and with what (if any) restrictions?



Maritime &
Coastguard
Agency

Maritime Health Seminar

FIT TO FISH

**The introduction of ILO 188:
Understanding Fishermen, their life, work
and risk profile**



Maritime &
Coastguard
Agency

Online Medical Database

Seafarer Record System (SRS)

Developing an Approved Doctors online database to facilitate the administration of Seafarer medicals examinations and certification

Alison Gillings – SRS (Medical) Project Support Manager



Maritime &
Coastguard
Agency

Project Progress Report

What has been developed so far?

- Online AD recruitment
- ADs can manage their own information
- Ability to schedule and respond to audit actions online
- Live in-system notifications
- ENG 1, 2 and 3 processes are currently being built



- Seafarer Details
- Medical Examination (ENG 2)
- Supplementary Data Vision Tests
- History Tests
- Supporting Notes
- CRM Admin
- Details

Seafarer Details

Seafarer's Current Capacity

Department *

- Deck
- Engine
- Catering
- Other (please specify)

Seafarer works solely in the fishing industry *

Yes No

Type of ship currently working on *

Fog

Present type of routes *

Scotia Waters

Seafarer's Job Role *

Captain

Seafarer's Main Duties *

Responsible for all for aspects of operation such as the safe navigation of the ship, its cleanliness and seaworthiness and safe towing.

Save & Print



Maritime & Coastguard Agency

Browser address bar: <https://mca-med-and-testing.pdm.gov.uk/medical/eng-general/02/medical-examinations>

Navigation links: [Home](#), [Waiting Times](#), [Supporting Files](#), [CMA Address](#), [Decision](#)

Individual Medical Examinations

Date of Examination	15 Nov 2017
Doctor	Dr Sample Seminar
Appointment Type	General AD

Seafarer Consent

Seafarer has consented to this medical

Has the seafarer been offered a chaperone? Chaperone offered - accepted

Previous ENG Certificate

Is this the seafarer's first ENG medical examination? Yes

Previous ENG Medical - System Generated Certificates

Medical Created	Issuing Doctor	Certificate Issued	Fitness Category	Time Limited	Conditions of Issue	ENG1	ENG2	Status
15/11/2017	Dr Sample Seminar							In Progress

ENG2 Medical Form

Upload ENG2 Form

Please upload the completed ENG2 medical form for this examination. If any tests are repeated, please upload a new form showing those results.

Windows taskbar: 09:25 17/11/2017



Browser address bar: <https://mca-med-act.landing.odm.gov.uk/mca/mca/eng-medical/122/decision/make-decision>

Navigation menu:

- Medical Examination (ENG 2)
- Supplementary Coastguard Tests
- Hearing Tests
- Supporting Notes
- CMA Advice
- Decision**

Personal Details

Full Name	Mr John Smith	Gender	Male
Date of Birth	01 May 1976	Country of Nationality	United Kingdom
SRS Number	100005	SRS Record Created Date	15 Nov 2017

Medical Condition(s) leading to the decision

Medical condition as per MSN 1639 (or subsequent revisions) *

03 Diabetes and other Endocrine and Metabolic - 3.4 Diabetes treated using insulin

Decision making guidance for the selected condition [Download](#)

[Remove Condition](#)

[Add Medical Condition leading to decision](#)

Decision

Summary of clinical findings leading to decision *

Fitness Category *

Issue Date *

Day	Month	Year
17	11	2017



Decision

Summary of clinical findings leading to decision *

Fitness Category *

Issue Date *

Day	Month	Year
17	11	2017

Expiry Date *

Day	Month	Year

Vision Assessment

Does the Seafarer wear any visual aids * Yes No

Colour vision defective * Yes No

Visual acuity meets the standards in STCW A-1/9 for specific capacity * Yes No

Meets the applicable deck standards for aided and unaided vision * Yes No

Fit for lookout duty * Yes No

Hearing Assessment

Meets hearing standards unaided * Yes No



Maritime &
Coastguard
Agency

Benefits of the New System

- There will be no need to complete annual statistics forms!
- ADs will have the ability to view the outcome of previous medicals performed by other ADs
- Print uniquely numbered ENG 1 and ENG 3s from the system
- Online CMA advice
- A new AD training tool



Maritime &
Coastguard
Agency

What happens next?

- Extensive user testing before anything goes live
- A staged release to ADs
- AD recruitment and management will be released first
- No release dates yet



Maritime &
Coastguard
Agency

Questions?

Tel: 0203 81 72502

Email: Alison.gillings@mcga.gov.uk

Thank you



Maritime &
Coastguard
Agency

Maritime Health Seminar

FIT TO FISH

**The introduction of ILO 188:
Understanding Fishermen, their life, work
and risk profile**



Maritime &
Coastguard
Agency

Audit of Approved Doctors 2017



Maritime &
Coastguard
Agency

Overview

- 231 Approved Doctors (last year 240)
- 28 new approvals this year
- Plan to visit (or Skype/VOIP) all at some point depending on when last audited
- I am averaging 50 visits or video calls per year, so if I haven't been to you yet, I hope to soon!



Maritime &
Coastguard
Agency

Purpose of audit

- To meet you!
- Review premises and records
- Discuss decisions and difficult cases
- Get your feedback and opinions
- Primarily to ensure that the quality of our medical examination process remains high, and procedures/decisions consistent
- Aim to be/remain the best in the world



Maritime &
Coastguard
Agency

AUDIT VISIT RESULTS

	2011	2012	2013	2014	2015	2016	2017
No follow-up required	1	4	11	3	2	1	0
Minor non-conformities	16	9	17	14	13	14	21
Major / multiple non-conformities	7	2	4	9	32	32	33
Change in approval status	0	0	2	0	3	2	2
TOTAL	24	15	34	26	50	49	59



Maritime &
Coastguard
Agency

Areas for improvement

- Use pre exam information on crib sheet
- Doctor to complete history on ENG 2
- Incomplete ENG 2 (particularly part 7)
- Vision testing – distance, illumination
- Undress candidate, screen around couch
- Physical Capability testing/target weight
- **Full** examination
- NO alterations/omissions on ENG 1 cert
- **USE MSN 1839 and CURRENT AD MANUAL.**



Maritime &
Coastguard
Agency

Have we achieved our aims?

To gain an understanding of:

- ILO 188
- Work and life on board for fishermen
- Fishing areas, and restrictions
- Grandfather rights

And of course useful discussion with other ADs!



Maritime &
Coastguard
Agency

Thank you for your input, which is the most important part of the meeting!

Please give feedback

See you next year – if not before

Safe journey home!