

*Training on the Human Element: STCW and MLC for
Enlargement Countries*

Enhance your knowledge on the STCW Convention and Code

Revalidation & Maintaining the Standard of
Competence

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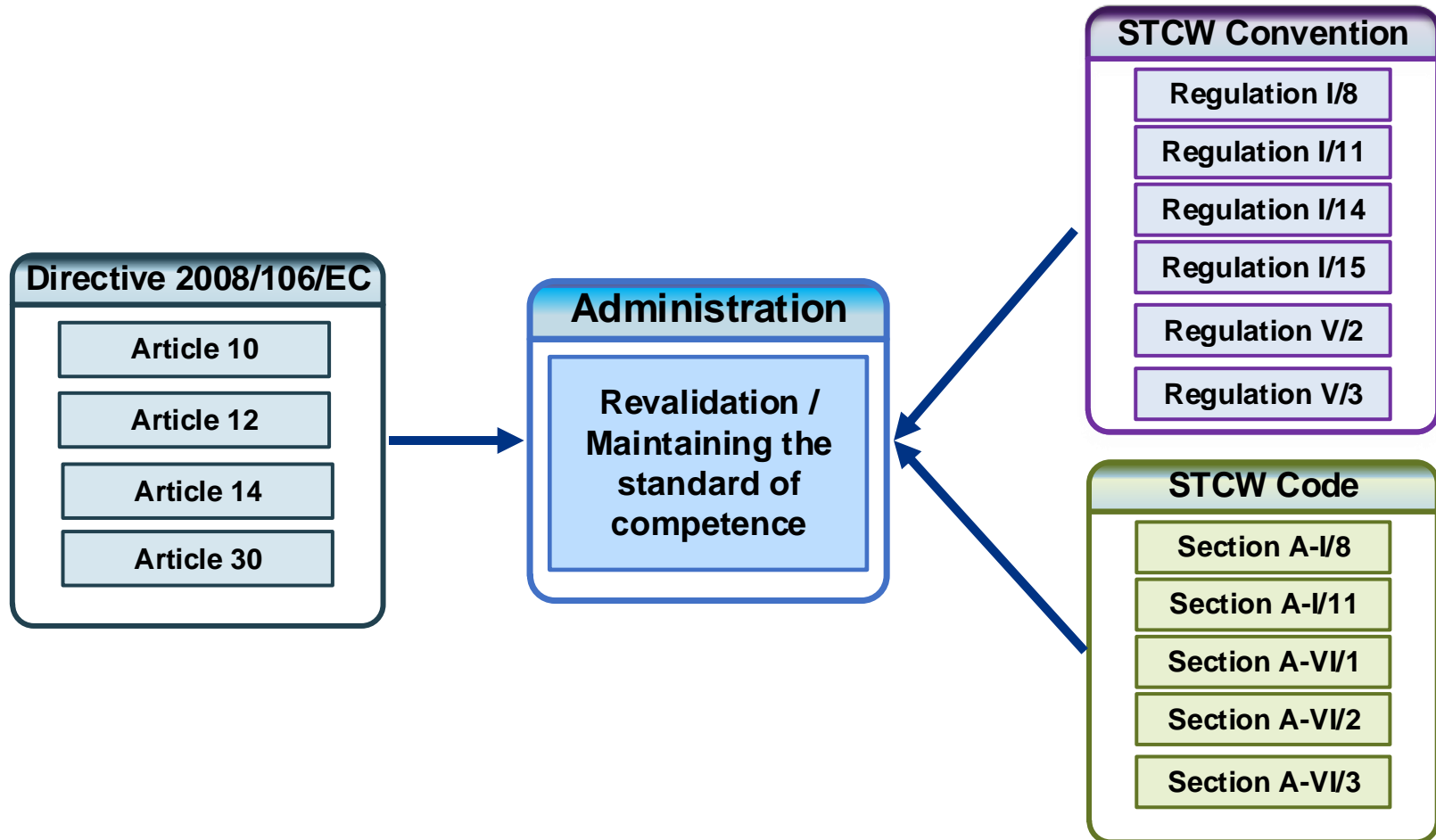
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Department: Safety and Standards/Unit: Visits & Inspections

Lisbon, Portugal / 9 – 10 July 2019



Revalidation / Maintaining the required standards of competence

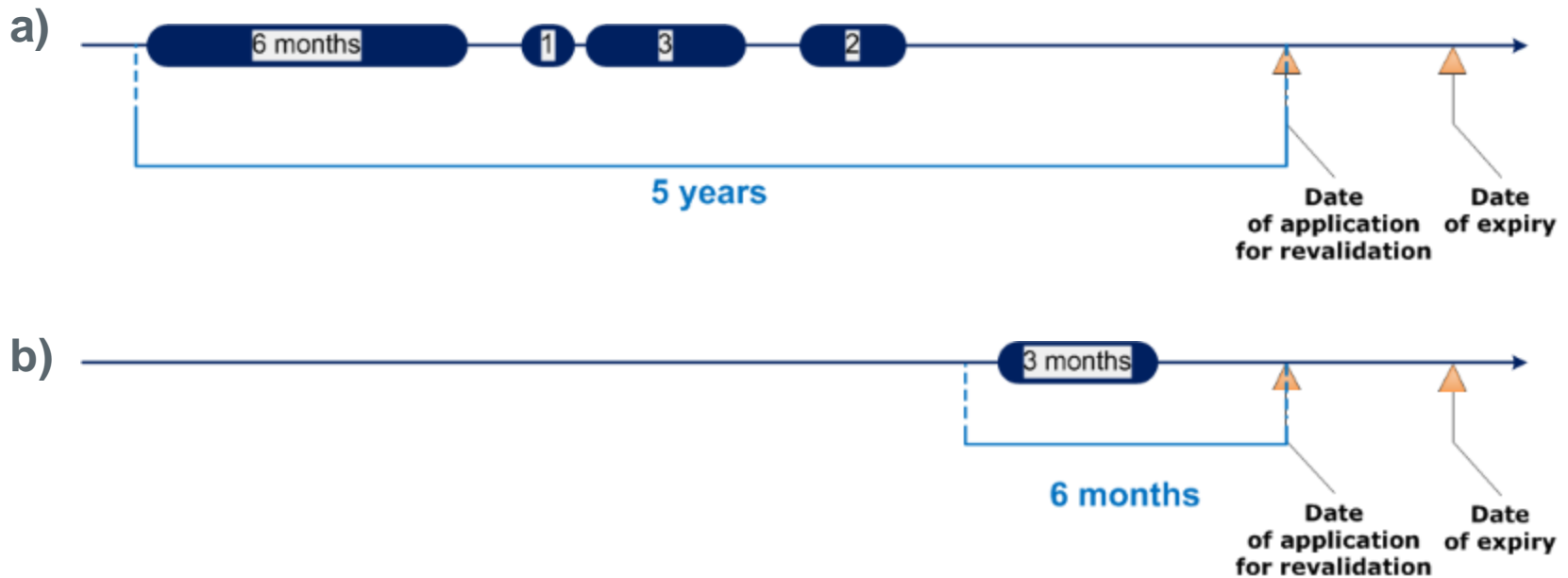


- applicable to **Masters, Officers & Radio-operators**
- Not applicable when holding certificates issued under Regulation V/3 & Chapter VI or doc. evidence issued under V/2
- **intervals not exceeding five years:**
 - meet the standards of **medical fitness**
 - establish **continued professional competence**
- special training requirements internationally agreed upon? → successfully complete the training

Continued professional competence:

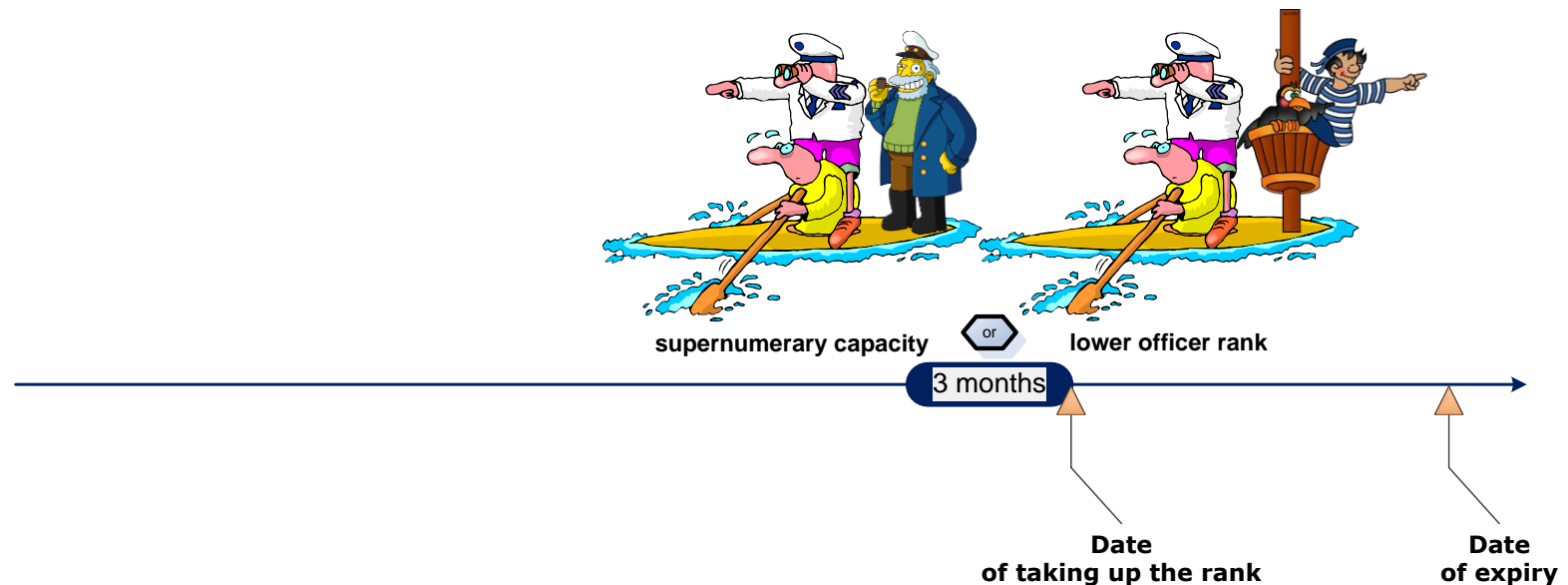


relevant seagoing service



Continued professional competence:

- c) Having performed functions considered to be equivalent to the seagoing service
- d) Passing an approved test
- e) Successfully completing an approved training course or courses
- f)



Continued professional competence for masters and officers on board tankers:



performing duties appropriate
to the tanker certificate



b) successfully completed an approved training course or courses

Continued professional competence for masters and deck officers on board ships operating in **polar waters**:

a)



performing duties appropriate to
the CoP held (polar waters)

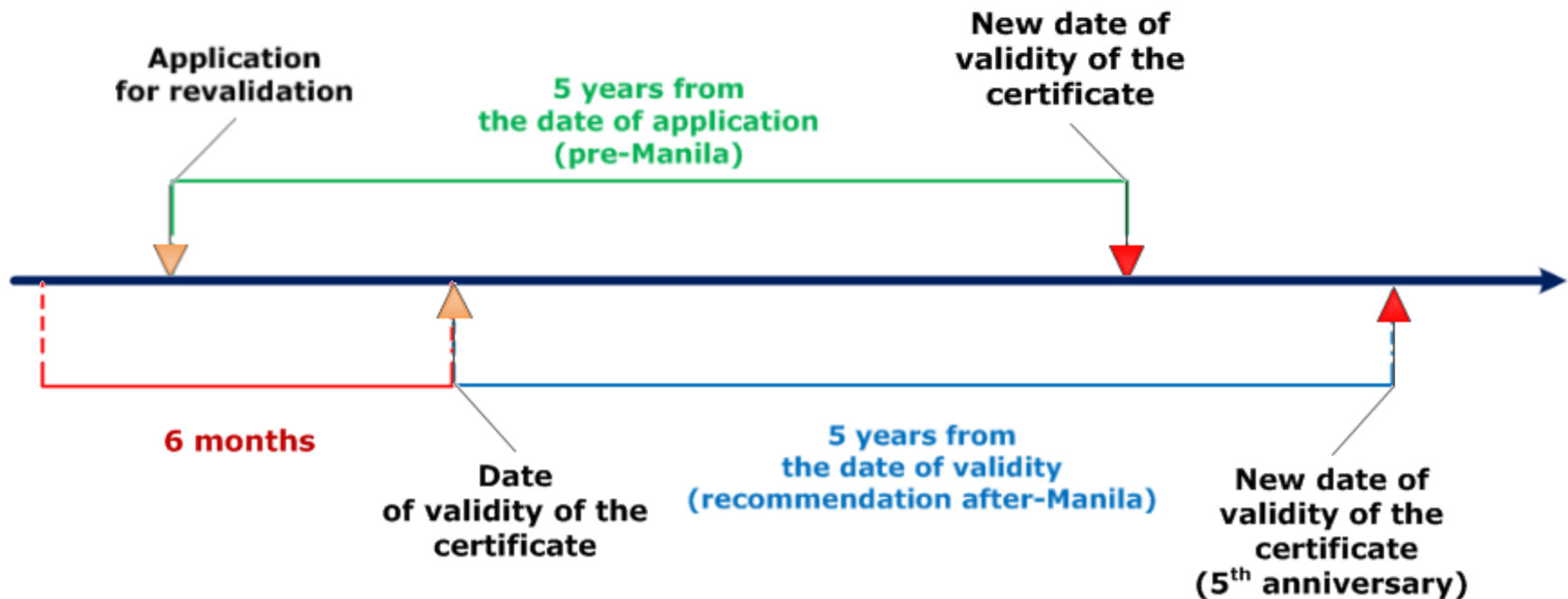


b) Performing functions considered to be equivalent

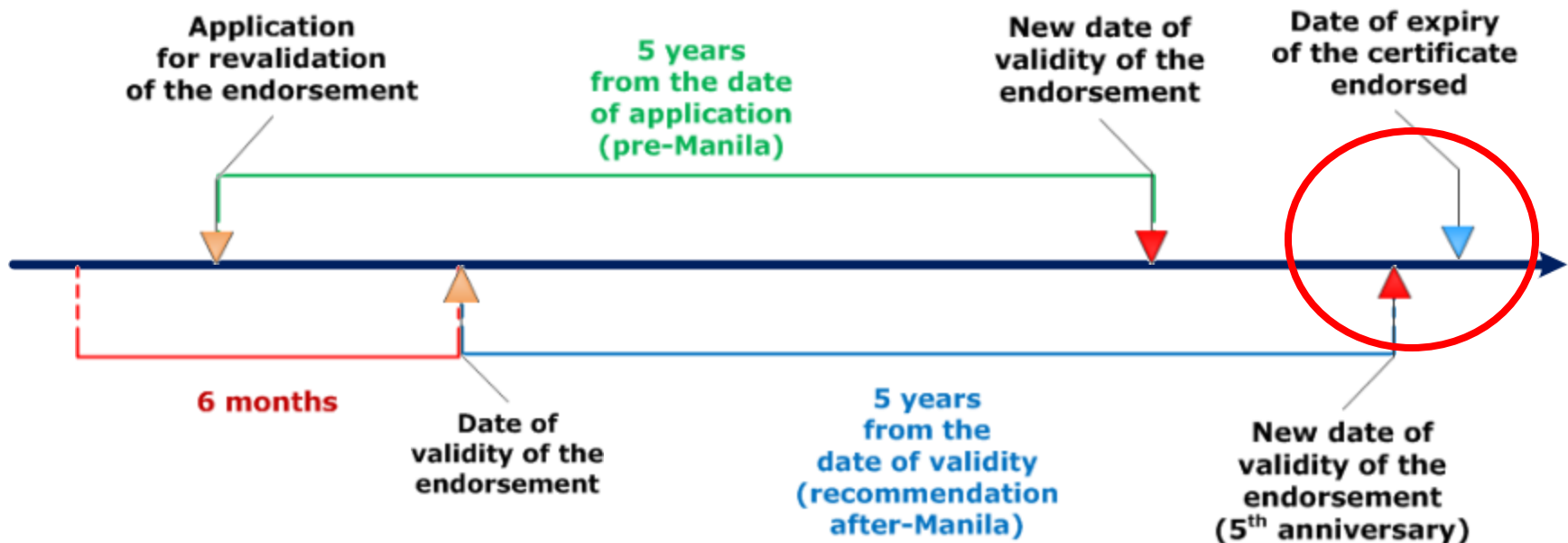
c) Passing an approved test

d) Successfully completing an approved training course or courses

Revalidation of a certificate

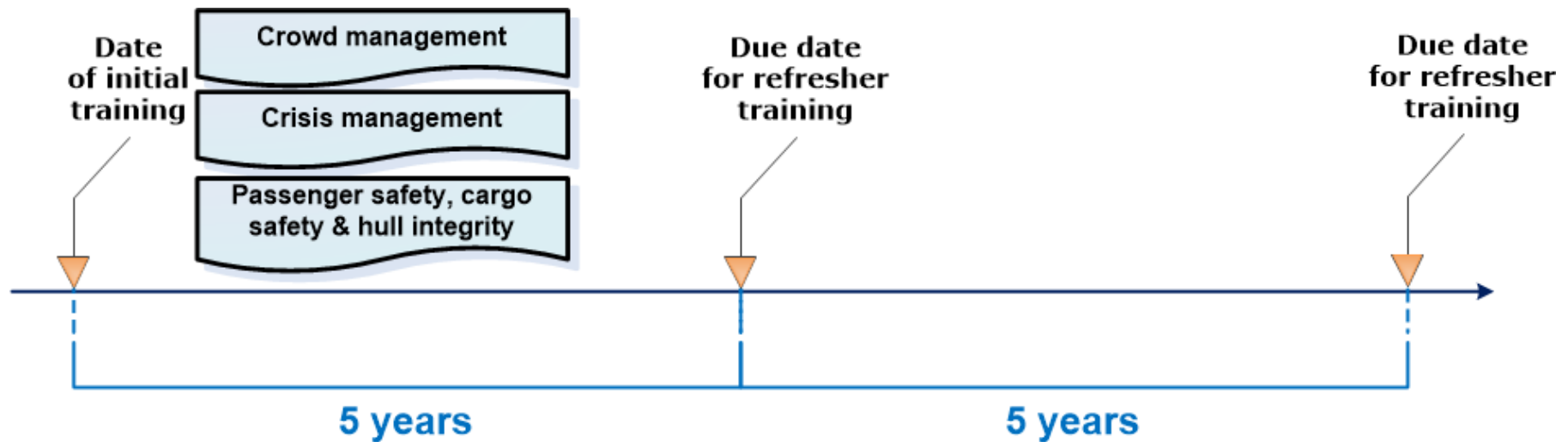


Revalidation of an endorsement (Eal or EaR)



Regulation V/2

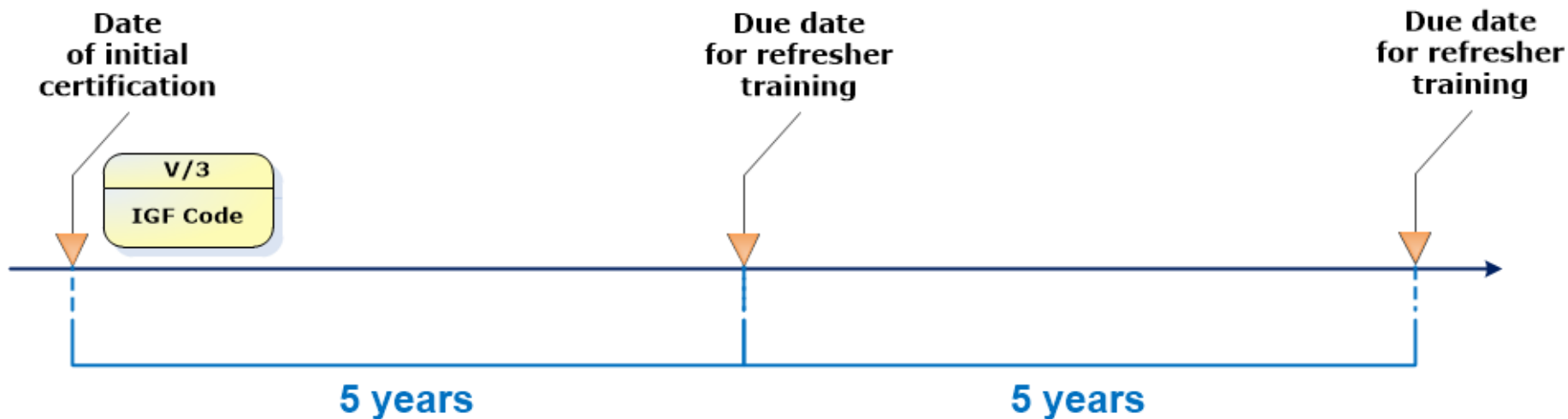
Maintaining the standard... passenger ships



Or evidence of having achieved the required standard ?

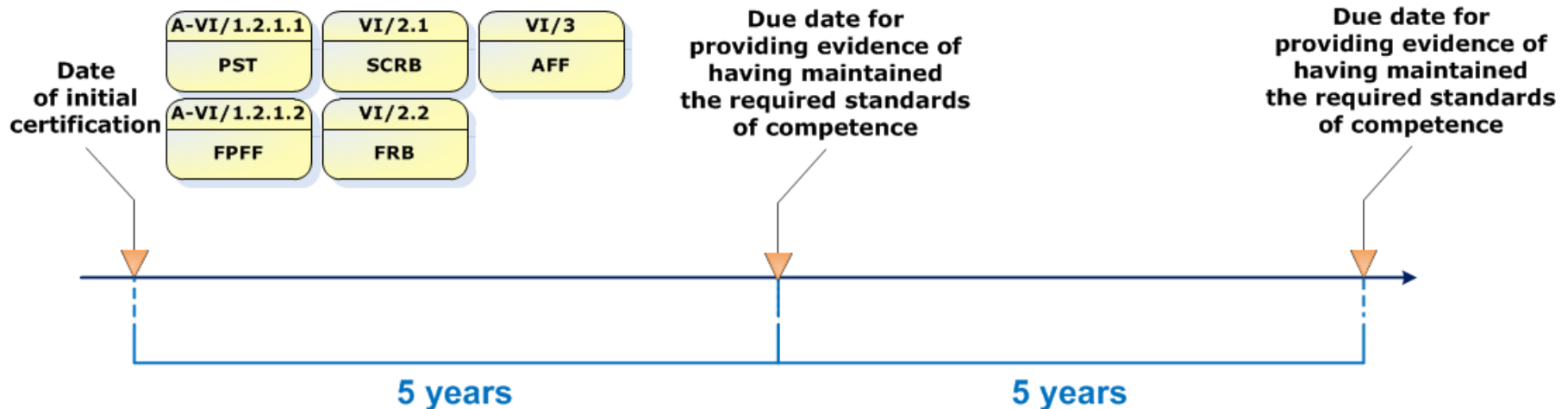
Regulation V/3

Maintaining the standard ... ships subject to IGF Code



Or evidence of having achieved the required standard ?

- ✓ **Basic training (PST & FPFF)**
- ✓ **Survival Craft and Rescue Boats**
- ✓ **Fast Rescue Boats**
- ✓ **Advanced Fire Fighting**



Evidence of having maintained the required standard of competence:

- on-board training and experience **may be accepted only for the areas identified** in the relevant section of the STCW Code
- what about the **remaining areas** ????

Competence	Methods for demonstrating competence
Survive at sea in the event of ship abandonment	<p><i>Assessment of evidence ... of competence to:</i></p> <ul style="list-style-type: none"> .1 don a lifejacket .2 don and use an immersion suit .3 safely jump from a height into the water .4 right an inverted liferaft while wearing a lifejacket .5 swim while wearing a lifejacket .6 keep afloat without a lifejacket .7 board a survival craft from the ship and water while wearing a lifejacket .8 take initial actions on boarding survival craft to enhance chance of survival .9 stream a drogue or sea-anchor .10 operate survival craft equipment .11 operate location devices, including radio equipment

Competence	Methods for demonstrating competence
Fight and extinguish fires	<p><i>Assessment of evidence ... of the ability to:</i></p> <ul style="list-style-type: none"> .1 use various types of portable fire extinguishers .2 use self-contained breathing apparatus .3 extinguish smaller fires, e.g., electrical fires, oil fires, propane fires .4 extinguish extensive fires with water, using jet and spray nozzles .5 extinguish fires with foam, powder or any other suitable chemical agent .6 enter and pass through, with lifeline but without breathing apparatus, a compartment into which high-expansion foam has been injected .7 fight fire in smoke-filled enclosed spaces wearing self-contained breathing apparatus .8 extinguish fire with water fog or any other suitable fire-fighting agent in an accommodation room or simulated engine-room with fire and heavy smoke .9 extinguish oil fire with fog applicator and spray nozzles, dry chemical powder or foam applicators .10 effect a rescue in a smoke-filled space wearing breathing apparatus

Competence	Methods for demonstrating competence
Take charge of a survival craft or rescue boat during and after launch	<p><i>Assessment of evidence ... of ability to:</i></p> <p>.1 right an inverted liferaft while wearing a lifejacket</p> <p>.2 interpret the markings on survival craft as to the number of persons they are intended to carry</p> <p>.3 give correct commands for launching and boarding survival craft, clearing the ship and handling and disembarking persons from survival craft</p> <p>.4 prepare and safely launch survival craft and clear the ship's side quickly and operate off-load and on-load release devices</p> <p>.5 safely recover survival craft and rescue boats, including the proper resetting of both off-load and on-load release devices</p>
Operate a survival craft engine	<p><i>Assessment of evidence ... of ability to</i></p> <p>start and operate an inboard engine fitted in an open or enclosed lifeboat</p>

Table A-VI/2-1 (SCRB)

Competence	Methods for demonstrating competence
Manage survivors and survival craft after abandoning ship	<i>Assessment of evidence ... of ability to:</i> .1 row and steer a boat and steer by compass .2 use individual items of equipment of survival craft, pyrotechnics .3 rig devices to aid location
Use locating devices, including communication and signalling apparatus and pyrotechnics	<i>Assessment of evidence ... of ability to:</i> .1 use portable radio equipment for survival craft .2 use signalling equipment, including pyrotechnics
Apply first aid to survivors	<i>Assessment of evidence ... of ability to</i> deal with injured persons both during and after abandonment, using first-aid kit and resuscitation techniques

Competence	Methods for demonstrating competence
Take charge of the launching equipment and appliance as commonly fitted, during launching and recovery	<i>Assessment of evidence ... of ability to control safe launching and recovery of a fast rescue boat, with equipment as fitted</i>
Take charge of a fast rescue boat as commonly fitted, during launching and recovery	<i>Assessment of evidence ... of ability to conduct safe launching and recovery of a fast rescue boat, with equipment as fitted</i>

Competence	Methods for demonstrating competence
Take charge of a fast rescue boat after launching	<p><i>Assessment of evidence ... of ability to:</i></p> <ul style="list-style-type: none"> .1 right a capsized fast rescue boat .2 handle a fast rescue boat in prevailing weather and sea conditions .3 swim in special equipment .4 use communications and signalling equipment between the fast rescue boat and a helicopter and a ship .5 use the emergency equipment carried .6 recover a casualty from the water and transfer a casualty to a rescue helicopter or to a ship or to a place of safety .7 carry out search patterns, taking account of environmental factors
Operate a fast rescue boat engine	<p><i>Assessment of evidence ... of ability to</i></p> <p>start and operate a fast rescue boat engine</p>

Competence	Knowledge, understanding and proficiency
Control fire-fighting operations aboard ships	<ul style="list-style-type: none"> Fire-fighting procedures at sea and in port, with particular emphasis on organization, tactics and command Use of water for fire-extinguishing, the effect on ship stability, precautions and corrective procedures Communication and coordination during fire-fighting operations Ventilation control, including smoke extraction Control of fuel and electrical systems Fire-fighting process hazards (dry distillation, chemical reactions, boiler uptake fires, etc.) Fire fighting involving dangerous goods Fire precautions and hazards associated with the storage and handling of materials (paints, etc.) Management and control of injured persons Procedures for coordination with shore-based fire fighters

Competence	Knowledge, understanding and proficiency
Organize and train fire parties	<ul style="list-style-type: none"> Preparation of contingency plans Composition and allocation of personnel to fire parties Strategies and tactics for control of fires in various parts of the ship
Inspect and service fire-detection and fire-extinguishing systems and equipment	<ul style="list-style-type: none"> Fire-detection systems; fixed fire-extinguishing systems; portable and mobile fire-extinguishing equipment, including appliances, pumps and rescue, salvage, life-support, personal protective and communication equipment Requirements for statutory and classification surveys
Investigate and compile reports on incidents involving fire	<ul style="list-style-type: none"> Assessment of cause of incidents involving fire

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