



EUROPEAN
COAST GUARD FUNCTIONS
TRAINING NETWORK

EUROPEAN COAST GUARD FUNCTIONS ACADEMIES NET PROJECT

Coast Guard Functions Sectoral Qualification Framework (CGFSQF)

Final meeting – 29th November 2017

Helsinki - Finland

Capt. (ITCG) Giovanni Gravina



AGENDA



Introduction

- Project's partners
- Experts
- Working plane timeline



Phase II

- Mapped qualifications
- Stakeholders list
- Apex body
- Final report



European Project Academy network phase II
is led by Finnish Border Guard

WP4 Coordinator: Italian Coast Guard



SQF WORKING GROUP

PROJECT'S PARTNERS AND OBSERVERS



PROJECT'S PARTNERS			
1	CYPRUS	1	CYPRUS POLICE
		2	DEPARTMENT OF FISHERIES AND MARINE RESEARCH
		3	DEPARTMENT OF MERCHANT SHIPPING
2	FINLAND	4	FINNISH BORDER GUARD
3	FRANCE	5	FRENCH CUSTOMS
4	GERMANY	6	GERMAN FEDERAL POLICE
5	GREECE	7	HELLENIC COAST GUARD
6	ITALY	8	ITALIAN COAST GUARD
7	PORTUGAL	9	GUARDIA NACIONAL REPUBLICANA
		10	PORTUGUESE NAVY
		11	DGRM - GENERAL DIRECTORATE FOR NATURAL RESOURCES, SAFETY AND MARITIME SERVICES
		12	PORTUGUESE NATIONAL MARITIME AUTHORITY
8	SPAIN	13	GUARDIA CIVIL
		14	ARMADA ESPANOLA
		16	SPANISH CUSTOMS AND EXCISES
		17	SOCIEDAD DE SALVAMENTO Y SEGURIDAD MARITIMA (SASEMAR)
9	SWEDEN	18	SWEDISH COAST GUARD
10	UNITED KINGDOM	19	UK MARITIME & COASTGUARD AGENCY
PROJECT'S OBSERVERS			
11	EU AGENCY	20	EUROPEAN FISHERIES CONTROL AGENCY (EFCA)
12	EU AGENCY	21	EUROPEAN MARITIME SAFETY AGENCY (EMSA)
13	EU AGENCY	22	EUROPEAN BORDER AND COAST GUARD AGENCY (FRONTEX)
14	EU AGENCY	23	EUROPEAN UNION AGENCY FOR FUNDAMENTAL RIGHTS (FRA)



SQF WORKING GROUP EXPERTS



ORGANIZATION	Name SURNAME	POSITION – CG FUNCTION
SASEMAR	Antonio PADIAL SAYAS	Expert – Function 1: Maritime safety, including VTS
SASEMAR	Diaz DELGADO EVANGELINA	Expert – Function 1: Maritime safety, including VTS
ITALIAN COAST GUARD	Alessandro PETRI	Expert – Function 2: Maritime, ship and port security
SPANISH CUSTOMS	Carlos LOPEZ CARRERA	Expert – Function 3: Maritime customs activities
SPANISH CUSTOMS	Hidalgo GARCIA BANGO	Expert – Function 3: Maritime customs activities
GNR	Elio ROSADO	Expert – Function 4: Trafficking and smuggling and Law Enforcement; Function 10: Fisheries inspection and control
GNR	Nuno MARINHO	Expert – Function 4: Trafficking and smuggling and Law Enforcement; Function 10: Fisheries inspection and control
FINNISH BORDER GUARD	Mika MÖTTÖNEN	Expert – Function 5: Maritime monitoring and surveillance
HELLENIC COAST GUARD	Ioannis ZOMPOS	Expert – Function 6: Maritime environmental protection and response
UK MARITIME AND COAST GUARD AGENCY	Paul DUFFY	Expert – Function 7: Maritime search and rescue; Function 9: Maritime accident and disaster response
HELLENIC COAST GUARD	Konstantinos PARDALIS	Expert – Function 8: Ship casualty and maritime service
CIMEA	Manuela COSTONE	External expert



WORKING PLANE TIMELINE



MEETING	KOM		1 st VWG	1 st WGM	2 nd VWG	3 rd VWG	2 nd WGM			3 rd WGM	CS	
DATE	2017											
	J	F	M	A	M	J	J	A	S	O	N	
TASK	Defining architecture of the framework											
	Mapping different qualifications											
	Identification of the number of the levels											
	Drafting learning outcomes											
	Drafting CGFSQF final structure											



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LIST OF MAPPED QUALIFICATIONS



Functions	Participant Member States	Participant Coast Guard Organizations	Qualifications mapped
1 - MARITIME SAFETY (INCLUDING VTS)	7	13	6
2 - MARITIME SHIP AND PORT SECURITY	9	12	2
3 - MARITIME CUSTOMS ACTIVITIES	8	10	13
4 – TRAFFICKING AND SMUGGLING	9	10	3
5 – MARITIME MONITORING AND SURVEILLANCE	9	12	6
6 – MARITIME ENVIRONMENTAL PROTECTION AND RESPONSE	7	9	1
7 – SEARCH AND RESCUE	9	11	13
8 – SHIP CASUALTY AND MAS	6	7	1
9 – MARITIME ACCIDENT AND DISASTER RESPONSE	8	9	9
10 – FISHERIES INSPECTIONS AND CONTROLS	9	11	11



STAKEHOLDERS LIST

- SUMMARY VERSION -



PROJECT'S
PARTNERS

	STATES	ORGANIZATIONS INVOLVED
1	CYPRUS	6
2	FINLAND	5
3	FRANCE	1
4	GERMANY	3
5	GREECE	1
6	ITALY	6
7	PORTUGAL	35
8	SPAIN	3
9	SWEDEN	1
10	UNITED KINGDOM	1

**62 ORGANIZATIONS OF 10 EU
MEMBERS STATES**



STAKEHOLDERS LIST

- SUMMARY VERSION -



PROJECT'S
OBSERVERS

11	EU AGENCY	European Fisheries Control Agency (EFCA)
12	EU AGENCY	European Maritime Safety Agency (EMSA)
13	EU AGENCY	European Border and Coast Guard Agency (FRONTEX)
14	EU AGENCY	European Union Agency for Fundamental Rights (FRA)

4 European Agencies



STAKEHOLDERS LIST

- SUMMARY VERSION -



OTHER
ECGFF
MEMBERS

	STATE	ADMINISTRATION INVOLVED
15	POLAND	1
16	BELGIUM	1
17	BULGARIA	6
18	CROATIA	1
19	DENMARK	1
20	ESTONIA	1
21	ICELAND	1
22	IRELAND	1
23	LATVIA	1
24	LITHUANIA	1
25	MALTA	1
26	NETHERLANDS	1
27	NORWAY	1
28	ROMANIA	1
29	SLOVENIA	1

23 organizations of 14 States



Phase II





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FINAL REPORT



1. SQF GOALS AND OBJECTIVES
2. SQF COSTRAINTS AND ASSUMPTIONS
3. ARCHITECTURE OF THE SQF
4. IDENTIFICATIONS OF NUMBER OF LEVELS
5. LEARNING OUTCOMES



FINAL REPORT



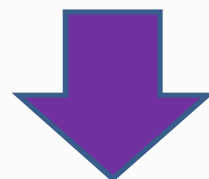
SQF GOALS AND OBJECTIVES

INCREASE THE
LEVELS OF
INTEROPERABILITY

IS AIMED TO BE
INCLUSIVE AND
NOT PRESCRIPTIVE

SUPPORT THE
REVIEW AND
ACCREDITATION OF
PROGRAMMES

ASSIST
DEVELOPMENT OR
UPDATING OF
NATIONAL
OCCUPATIONAL
STANDARDS FOR
COAST GUARDS



TOWARDS A SAFER AND MORE SECURE MARITIME DOMAIN



FINAL REPORT



SQF CONSTRAINTS AND ASSUMPTIONS

The list of Coast CGF activities, adopted by the ECGFF is the best available one at EU level but doesn't hold detailed descriptions of the content and boundaries of such activity

The CGF activities are not always well defined according to EU/International rules and cannot always be linked to any EU Agencies

Methodology developed by Frontex for the SQF for Border Guard, has been a useful example of SQF

The support of the affiliated partners in WP4 has been a key element for CGFSQF.

The support of the ECGFF Members (other than the affiliated partners) has been essential to map the national contexts



FINAL REPORT



ARCHITECTURE OF THE SQF

Mapping different qualifications

- This activity was introductory to define the number of levels

Identification of number of levels

(Operator, Supervisor, Expert/Coordinator, Manager)

- Four level descriptors were identified
- Each expert defined the necessary levels for each task of the assigned function

Drafting of learning outcomes

(knowledge, skills, competences)

- detailed tables for each task, in the framework of the Coast Guard Function assigned to each of them. It is the technical tool that fully describes the Sectorial Qualification Framework, and it needs to be exhaustive and complete;
- a summary table for the assigned Function, to give the overview of the learning outcomes identified for each task.



Detailed tables



Function 1 - Maritime Safety (Including Vts)

Spanish Sasemar

2 Identified levels:

**Expert
Manager**

TASK	LEVEL
1. VERIFICATION AND CERTIFICATION OF FLAG STATE	Level 3 Expert/Coordinator
	Level 4 Manager
2. PORT STATE CONTROL INSPECTIONS ON FOREIGN SHIPS	Level 3 Expert/Coordinator
	Level 4 Manager
3. ADMINISTRATIVE AND CONTROL ACTIVITIES	Level 3 Expert/Coordinator
	Level 4 Manager
4. VESSEL TRAFFIC SERVICES	Level 3 Expert/Coordinator
	Level 4 Manager



Detailed tables



Function 2 - Maritime Security - Ship and Port Security *Italian Coast Guard*

3 Identified levels:

Operator
Expert
Manager

TASK	LEVEL
1. OPERATIONAL ACTIVITIES	Level 1 Operator
	Level 3 Expert/Coordinator
	Level 4 Manager
2. ADMINISTRATIVE ACTIVITIES	Level 3 Expert/Coordinator
	Level 4 Manager



Detailed tables



Function 3 - Maritime Custom Activities

Spanish Custom

4 Identified levels:

Operator
Supervisor
Expert
Manager

TASK	LEVEL
1. CONTROL ACTIVITIES IN CUSTOM AREAS	All levels
2. CONTROL ACTIVITIES OUTSIDE THE CUSTOMS AREAS	All levels
3. OPERATIONAL ACTIVITIES	All levels



Detailed tables



Function 4 - Trafficking and Smuggling *Portuguese National Republican Guard*

4 Identified levels:

**Operator
Supervisor
Expert
Manager**

TASK	LEVEL
1. PRELIMINARY ACTIVITIES	All levels
2. DEVELOPMENT	Level 1 Operator
	Level 3 Expert/Coordinator
3. PRE OPERATIONAL PHASE	Level 2 Supervisor
	Level 3 Expert/Coordinator
	Level 4 Manager
4. OPERATIONAL PHASE	All levels
5. RELATED TASK	Level 3 Expert/Coordinator
	Level 4 Manager



Detailed tables



Function 5 - Maritime Monitoring and Surveillance *Finnish Border Guard*

4 Identified levels:

Operator
Supervisor
Expert
Manager

TASK	LEVEL
1. MONITORING OF VESSELS	Level 1 Operator
	Level 2 Supervisor
	Level 4 Manager
2. MONITORING OF THE MARITIME SPACES	Level 1 Operator
	Level 2 Supervisor
	Level 4 Manager
3. DATA ANALYSIS AND CORRELATION	All levels
4. SUPPORT OPERATIONS	Level 1 Operator
	Level 3 Expert/Coordinator
	Level 4 Manager



Detailed tables



Function 6 – Maritime Environmental Protection and Response

Hellenic Coast Guard

4 Identified levels:

Operator
Supervisor
Expert
Manager

TASK	LEVEL
1. PROTECTION AT SEA	All levels
2. WASTE GOODS ABOARD	All levels
3. OIL SPILL RESPONSE AT SEA	All levels



Detailed tables



Function 7 - Maritime Search and Rescue

UK Maritime Coast Guard Agency

4 Identified levels:

Operator
Supervisor
Expert
Manager

TASK	LEVEL
1. ASHORE SAR ACTIVITIES	All levels
2. SAR ACTIVITIES AT SEA	Level 1 Operator
	Level 2 Supervisor
	Level 3 Expert/Coordinator
3. AIR SAR ACTIVITIES AT SEA	Level 1 Operator
	Level 2 Supervisor
	Level 3 Expert/Coordinator



Detailed tables



Function 8 - Ship casualty and Maritime Assistance Service

Hellenic Coast Guard

4 Identified levels:

Operator
Supervisor
Expert
Manager

TASK	LEVEL
1. MAS ACTIVITIES	All levels
2. ADMINISTRATIVE ACTIVITIES	All levels



Detailed tables



Function 9 - Maritime Accident and Disaster Response *UK Maritime Coast Guard Agency*

4 Identified levels:

Operator
Supervisor
Expert
Manager

TASK	LEVEL
1. MRO ASHORE ACTIVITIES	Level 1 Operator
	Level 3 Expert/Coordinator
	Level 4 Manager
2. MRO SEA ACTIVITIES	Level 1 Operator
	Level 2 Supervisor
	Level 3 Expert/Coordinator
3. MRO ADMINISTRATIVE ACTIVITIES	Level 1 Operator
	Level 2 Supervisor
	Level 3 Expert/Coordinator



Detailed tables



Function 10 - Fisheries Inspection and Controls *Portuguese National Republican Guard*

4 Identified levels:

Operator
Supervisor
Expert
Manager

TASK	LEVEL
1. MONITORING AND CONTROL OF FISHING ACTIVITIES	Level 1 Operator
	Level 3 Expert/Coordinator
	Level 4 Manager
2. INSPECTIONS AND FOLLOW-UP	All levels



Detailed tables



DETAILED TABLE				
		KNOWLEDGE Understanding of:	SKILLS Ability to:	COMPETENCES Be able to:
TASK 2 (Waste goods aboard)	OPERATOR	<ul style="list-style-type: none"> basic international and national maritime legislation a limited range of international and national environmental legislation for delivery of ship-generated waste and cargo residues to Port Reception Facilities a limited range of IMO Conventions for marine environment IMO Standard Marine Communication Phrases sampling procedures identify different types of oil and oily mixtures, garbage, wastes and cargo residues to / from the ship and 	<ul style="list-style-type: none"> conduct sampling activities establish radio communication assess ship's pre-arrival waste notification note correlate vessels AIS data with pre-arrival waste notification notes collect information and evidence for alleged infringements 	<ul style="list-style-type: none"> communicate with ship master or chief engineer, ship agent and waste contractors in accordance with sampling activities select a representative sample according sampling techniques
TASK 2 (Waste goods aboard)	SUPERVISOR	<ul style="list-style-type: none"> basic international and national maritime legislation a limited range of international and national environmental legislation for delivery of ship-generated waste and cargo residues to Port Reception Facilities a limited range of IMO Conventions for marine environment IMO Standard Marine Communication Phrases describe to operators sampling procedures describe to operators different types of oil and oily mixtures and garbage (Plastics, Food Waste, Domestic Wastes, Cargo residues, etc) to / from the ship procedures to detect infringements 	<ul style="list-style-type: none"> carry out sampling activities, if needed establish radio communication, if needed assess ship's pre-arrival waste notification note correlate vessels AIS data with pre-arrival waste notification notes apply procedures to detect infringements and analyze all relevant collected information and evidence supervise the operators and organize their daily tasks 	<ul style="list-style-type: none"> communicate with ship master, ship owners, ship agent and waste contractors in accordance with delivery of ship-generated waste and cargo residues to Port Reception Facilities support experts and/or managers with all information needed carry out agreed tasks on time



Summary tables



MARITIME ENVIRONMENTAL PROTECTION AND RESPONSE

SUMMARY TABLE DETAILED TABLE

		KNOWLEDGE Understanding of:	SKILLS Ability to:	COMPETENCES Be able to:
TASK 2 (Waste goods aboard)	OPERATOR	<ul style="list-style-type: none"> basic international and regional maritime and environmental legislation international and national environmental legislation for oil and oily mixtures, garbage, waste and cargo residues to be generated and delivered to Port Reception Facilities a limited range of IMO International Maritime Organization and environmental legislation IMO Standard Marine Communication Phrases describe different types of sampling procedures for oil and oily mixtures, garbage, waste and cargo residues from the ship sampling and detection procedures 	<ul style="list-style-type: none"> conduct sampling activities assess ship's pre-arrival waste notification note correlate vessels AIS conduct sampling activities to assess ship's pre-arrival waste notification note correlate vessels AIS 	<ul style="list-style-type: none"> communicate with ship's representative or shipmaster, ship agent or other personnel select a representative sample in accordance with sampling activities select a representative sample according sampling
	SUPERVISOR	<ul style="list-style-type: none"> a broad range of basic international and national maritime and environmental legislation including relevant guidelines and national environmental legislation procedures relating to the handling of ship-generated waste and reception and handling plans for cargo residues to Port Reception Facilities advanced inspection procedures related to ships' compliance with the delivery requirements IMO Standard Marine Communication Phrases prosecuting offenders describe to operators the international and national policies and sampling procedures describe to operators different types of ship-generated waste and cargo residues to Port Reception Facilities, Cargo Residues to Port Reception Facilities evaluate the existing international and national legislation including relevant guidelines and makes any revisions as necessary 	<ul style="list-style-type: none"> select a ship for inspection, conduct and draft report of inspection in accordance with ship compliance with the delivery requirements evaluate the waste reception and handling plans assess ship's pre-arrival waste notification note analyze evidence for alleged infringements and apply sanctions correlate vessels AIS data with pre-arrival waste notification notes work in teams and coordinates operators and supervisors to perform complex tasks apply procedures to complex infringements 	<ul style="list-style-type: none"> apply the more appropriate control measures based on shipmaster, ship inspector, ship agent or other personnel communicate and cooperate with all those involved about handling of the generated waste delivery of ship-generated waste and cargo residues to Port Reception Facilities support experts and/or managers with all information needed carry out agreed tasks
TASK 2 (Waste goods aboard)	SUPERVISOR	<ul style="list-style-type: none"> assess results of the performance of all subordinate levels supervise the operators inspection of ships coordinate, motivate and inspire staff to achieve better results 	<ul style="list-style-type: none"> report to the Port State inadequacies of port reception facilities develop, implement and evaluate strategies for waste reception 	



FINAL REPORT



COMMON REQUIREMENTS

Foreign languages

- English is the most common shared language for communications in the implementation of some functions (for example in Safe Sea Net, Search and Rescue, VTS);
- In the implementation of some other tasks the most spoken language at sea is not English (with reference to Fisheries inspections and controls, for example, there are not such specific legal requirements)
- Considering that the SQFCGF is finalized to implement the internationalisation of the Coast Guard authorities, through mobility and exchanges, the knowledge of English as an independent user (on the basis of the Common European Framework of Reference for Languages standard) is advisable for all the Coast Guard professional positions, in the respect of national and institutional requirements. In the implementation of some tasks the knowledge of other languages, different from English, would be advisable in specific areas at sea.

Fundamental rights

- Following the proposal suggested by Frontex all experts and EMSA agreed that, at least, level 3 requirement (“ensure protection and respect for the fundamental rights of all persons”) should be granted at any SQF level, for all Coast Guard Functions;
- For Function n. 10 (Fisheries), EFCA referred to the FAO Port State Measures Agreement which includes a topic on “ethics” as element of a training programme for port State inspectors. This topic was included under the “skills”, “knowledge” and “competences” already provided by EFCA.

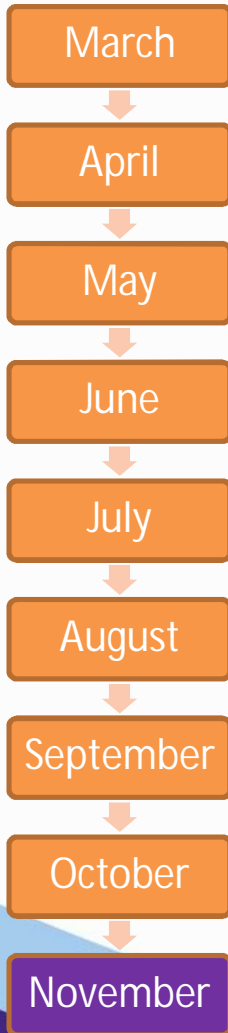


Conclusions





SQFCGF Visual Identity



Final WG Meeting



**Coast Guard Functions
Sectorial Qualification Framework
Final Structure**



ECGFA-NET Project – WP 4



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