Mapping annexes to the Final Report

Study on the feasibility of improved co-operation between bodies carrying out European Coast Guard functions

June 2014

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Annexes to the Final Report

Study on the feasibility of improved co-operation between bodies carrying out European Coast Guard functions

A report submitted by ICF GHK
in association with

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Final Report

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Introduction

This annex presents the information gathered through the consultation with the Member States and relevant EU institutions.

■ Annex 1 presents the allocation of coast guard functions to institutions within each Member State and the relevant cooperation structure per functions in each Member State.

■ Annex 2 shortly describes the roles of the relevant EU institutions.

■ Annex 3 describes the collaborative arrangements currently in place in Europe, by function and activity.

■ Annex 4 presents the collaborative arrangements currently in place by level (multilateral, EU, regional, sub-regional, bilateral).

Annex 1 Member State institutions

This section presents the results of the mapping of the competent authorities in the maritime EU Member States to the ten coast guard functionalities identified by the European Coast Guard Functions Forum. This mapping has been refined in light of inputs obtained from stakeholders in the consultation phase of the study.

To date 316 public authorities at national level have been identified[1]. They are presented in Sections A1.1 to A1.22 below. Where no information is available, table cells are shaded in grey.

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[1]This does not include sub-national level authorities. Additional information on national level public authorities performing coast guard functions could be expected to be obtained in the upcoming consultation phase.

A1.1 Belgium

Table A1.1   Mapping of coast guard authorities relevant cooperation structures by functionality: Belgium

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Separate Management Service Fleet -Shipping Assistance Division (MRCC* - VTS) -Ministry of Defence (Naval Operational Command + Ostend Radio) -Separate Management Service Pilotage -FPS Mobility and Transport -Ports and Water Policy Division -Federal Police (Shipping Police)	Shipping Assistance Division (MRCC - VTS)	Civil bodies, police	- European Maritime Safety -Organisation (EMSA) -EU Coast Guard Functions Forum -Safeseanet -Blue Belt pilot project -Cleanseanet -Integrated Maritime Data Environment (IMDatE) -Vessel Monitoring System (VMS) -Automatic Identification System (AIS) -Vessel Traffic Services (VTS) -Paris MOU on Port State Control -MSSIS (Maritime Safety & Security Information System) -Bilateral cross-border cooperation with NL	EDA North Atlantic Coast Guard Forum Short Range Identification and Tracking (SRIT) Shore-based Traffic Monitoring and Information Database (STMID) Long Range Identification and Tracking (LRIT)
Maritime security	-Federal Police (Shipping Police) -FPS Mobility and Transport -Ministry of Defence (Naval Operational Command + Ostend Radio) -Federal Public Service (FPS) Interior -FPS Finance (Customs)	Ministry of Defence (Naval Operational Command + Ostend Radio)	Civil bodies, military body, police	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum North Atlantic Treaty Organisation (NATO) Automatic Identification System (AIS) Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT) MSSIS (Maritime Safety and Security Information System) Multilateral cross-border cooperation with DE & NL	EDA North Atlantic Coast Guard Forum Shore-based Traffic Monitoring and Information Database (STMID)
Maritime customs activities	-Separate Management Service Fleet -Ministry of Defence (Naval Operational Command + Ostend Radio) -FPS Finance (Customs)	FPS Finance (Customs)	Civil bodies, military body	EU Coast Guard Functions Forum Europol Blue Belt pilot project	n/a

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	Separate Management Service Fleet Shipping Assistance Division (MRCC - VTS) Ministry of Defence (Naval Operational Command + Ostend Radio) Separate Management Service Pilotage FPS Mobility and Transport Federal Police (Shipping Police)	Federal Police (Shipping Police)	Civil bodies, military body, police	Europol Secure Information Exchange Network Application (SIENA) SeaBILLA (Sea Border Surveillance) Project	EU Coast Guard Functions Forum EDA North Atlantic Coast Guard Forum I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration project WiMA²S (Wide maritime area airborne surveillance)
Maritime border control	Separate Management Service Fleet Ministry of Defence (Naval Operational Command + Ostend Radio) Federal Police (Shipping Police) Federal Public Service (FPS) Interior FPS Finance (Customs)	FPS Finance (Customs)	Civil bodies, military body, police	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol	North Atlantic Coast Guard Forum EUROSUR I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration project WiMA²S (Wide maritime area airborne surveillance)
Maritime surveillance	Shipping Assistance Division (MRCC - VTS) Ministry of Defence (Naval Operational Command + Ostend Radio) FPS Mobility and Transport	Ministry of Defence (Naval Operational Command + Ostend Radio)	Civil bodies, military body, police	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EU Satellite Centre Integrated Maritime Data Environment (IMDatE)	EU Coast Guard Functions Forum EDA European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum Marsuno - CLOSED in 2012

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	Federal Police (Shipping Police) Federal Public Service (FPS) Interior			EUROSUR Common Information Sharing Environment (CISE[2] - currently being developed by European Commission and EU/EEA MS) Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) SeaBILLA (Sea Border Surveillance) Project	MSSIS (Maritime Safety and Security Information System) I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration project WiMA²S (Wide maritime area airborne surveillance)
Maritime environmental protection and response	-Separate Management Service Pilotage Shipping Assistance Division (MRCC - VTS) -FPS Mobility and Transport -FPS Health, Food Chain Safety and Environment -PPS Science Policy (MUMM) -Federal Police (Shipping Police) -Ministry of Defence (Naval Operational Command + Ostend Radio) -Separate Management Service Fleet -Federal Public Service (FPS) Interior Coast Division Province West-Flanders	FPS Health, Food Chain Safety and Environment	Civil bodies, military body, police	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet EUROSUR Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Ospar: Commission for the Protection of the Marine Environment of the North-East Atlantic (1972 & 1992) Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004) Paris MOU on Port State Control	North Atlantic Coast Guard Forum WiMA²S (Wide maritime area airborne surveillance)

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[2] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Search and rescue	-Separate Management Service Fleet -Shipping Assistance Division (MRCC - VTS) -Separate Management Service Pilotage -Ministry of Defence (Naval Operational Command + Ostend Radio) Ports and Water Policy Division Federal Police (Shipping Police)	Shipping Assistance Division (MRCC - VTS)	Civil bodies, military body, police	European External Action Service (EEAS) DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004) Global Maritime Distress and Safety System (GMDSS) Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS) Multilateral cross-border cooperation with DE and NL Bilateral cross-border cooperation with DE	North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS)
Accident and disaster response	Separate Management Service Fleet Shipping Assistance Division (MRCC - VTS) Ministry of Defence (Naval Operational Command + Ostend Radio) Separate Management Service Pilotage Province West-Flanders FPS Mobility and Transport Ports and Water Policy Division Federal Police (Shipping Police) Federal Public Service (FPS) Interior FPS Health, Food Chain Safety and Environment PPS Science Policy (MUMM) FPS Economy, Small and Middle Sized Enterprises (SMEs), Self-Employed and Energy	Province West Flanders	Civil bodies, military body, police	European External Action Service (EEAS) EU Satellite Centre DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Cleanseanet Common Emergency Communication and Information System (CECIS) Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004) Paris MOU on Port State Control	North Atlantic Coast Guard Forum

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Fisheries control	Ministry of Defence (Naval Operational Command + Ostend Radio) FPS Mobility and Transport FPS Health, Food Chain Safety and Environment PPS Science Policy (MUMM) Sea Fisheries Services	Sea Fisheries Services	Civil bodies, military body	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) EUROSUR Vessel Monitoring System (VMS) Multilateral cross-border cooperation with FR and UK Bilateral cross-border cooperation with FR	North Atlantic Coast Guard Forum International Commission for the Conservation of Atlantic Tunas (ICCAT)

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation and ICF GHK Data Validation Exercise (2013).

A1.2   Bulgaria

Table A1.2   Mapping of coast guard authorities relevant cooperation structures by functionality: Bulgaria

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Ministry of Transport/Bulgarian Maritime Administration -Port Administration	Bulgarian Maritime Administration	Civil bodies	European Maritime Safety Organisation (EMSA) Safeseanet Cleanseanet Integrated Maritime Data Environment (IMDatE) Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Shore-based Traffic Monitoring and Information Database (STMID) Paris MOU on Port State Control Black Sea MOU on Port State Control MSSIS (Maritime Safety and Security Information System)	EDA Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT)
Maritime security	-Ministry of Transport/ Bulgarian Maritime Administration -Port Administration -Ministry of Interior/Police -Chief Directorate Border Police -Ministry of Defence	Bulgarian Maritime Administration	Civil bodies, Police	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum North Atlantic Treaty Organisation (NATO) Automatic Identification System (AIS) Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT) MSSIS (Maritime Safety and Security Information System)	EDA Shore-based Traffic Monitoring and Information Database (STMID)
Maritime customs activities	-Ministry of Finance/Customs Agency -Ministry of Interior -Chief Directorate Border Police	Customs Agency	Civil bodies, Police	EU Coast Guard Functions Forum Europol Blue Belt pilot project	n/a
Prevention and suppression of trafficking and	-Ministry of Interior/Police -Ministry of Defence -Bulgarian Maritime	Ministry of Interior	Civil bodies, Police, Military	Europol Secure Information Exchange Network Application (SIENA)	EU Coast Guard Functions Forum EDA

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
smuggling and connected maritime law enforcement	Administration -Navy -Ministry of State Policy for Disasters and Accidents -Chief Directorate Border Police			Black Sea Border Coordination and Information Centre (BSCIC) BLACKSEAFOR	
Maritime border control	-Ministry of Interior/Police -Ministry of Defence/Navy -Chief Directorate Border Police	Ministry of Interior	Civil bodies, Police, Military	EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol EUROSUR Black Sea Border Coordination and Information Centre (BSCIC)	n/a
Maritime surveillance	-Port Administration -Ministry of Interior/Police -Ministry of Defence/Navy -Chief Directorate Border Police	Ministry of Interior	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EDA EU Satellite Centre Integrated Maritime Data Environment (IMDatE) EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [3] MARSUR (Maritime Surveillance) project	EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) MSSIS (Maritime Safety and Security Information System)
Maritime environmental protection and	-Ministry of Transport/Bulgarian Maritime Administration	Bulgarian Maritime Administration	Civil bodies	European Maritime Safety Organisation (EMSA) Safeseanet Cleanseanet	n/a

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[3] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
response				Paris MOU on Port State Control Black Sea MOU on Port State Control	
Search and rescue	-Ministry of Transport/Bulgarian Maritime Administration -Ministry of Interior/Police -Ministry of Defence/Navy -Chief Directorate Border Police	Bulgarian Maritime Administration	Civil bodies, Police, Military	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Common Emergency Communication and Information System (CECIS) Global Maritime Distress and Safety System (GMDSS) Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS) BLACKSEAFOR	n/a
Accident and disaster response	-Ministry of Transport -Bulgarian Maritime Administration -Ministry of Interior -Ministry of Defence -Ministry of State Policy for Disasters and Accidents -Chief Directorate Fire Safety and Civil Protection	Ministry of Interior	Civil bodies	EU Satellite Centre DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Cleanseanet Common Emergency Communication and Information System (CECIS) Paris MOU on Port State Control Black Sea MOU on Port State Control	n/a
Fisheries control	-National Agency of Fisheries and Aquaculture -Police -Chief Directorate Border Police	National Agency of Fisheries and Aquaculture	Civil body, Police	European Fisheries Control Agency (EFCA) The General Fisheries Commission for the Mediterranean (GFCM) Vessel Monitoring System (VMS) International Commission for the Conservation of Atlantic Tunas (ICCAT)	n/a

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation, and ICF GHK Data Validation Exercise (2013).

A1.3 Cyprus

Table A1.3 Mapping of coast guard authorities relevant cooperation structures by functionality: Cyprus

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Department of Merchant Shipping	No information	Civil body	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Blue Belt pilot project Cleanseanet Integrated Maritime Data Environment (IMDatE) Mediterranean Coast Guard Functions Forum Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Shore-based Traffic Monitoring and Information Database (STMID) Paris MOU on Port State Control Mediterranean MOU on Port State Control MSSIS (Maritime Safety and Security Information System)	EDA Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT)
Maritime security	-Department of Merchant Shipping -Marine Police -Cyprus Ports Authority	No information	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Automatic Identification System (AIS) Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT) MSSIS (Maritime Safety and Security Information System) SUPPORT (Security UPgrade for PORTs)	EDA Shore-based Traffic Monitoring and Information Database (STMID)
Maritime customs activities	-Department of Customs	No information	Civil body	EU Coast Guard Functions Forum Europol Blue Belt pilot project OLAF	n/a

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	-Ministry of Justice & Public Order (Police) -Department of Merchant Shipping	No information	Civil bodies, Police	Europol Secure Information Exchange Network Application (SIENA) Centre de Coordination pour la Lutte Anti-drogue en Méditerranée (CeCLAD-M) OLAF Bilateral cross-border cooperation with Greece	EDA
Maritime border control	-Marine Police	No information	Police	Europol EUROSUR SUPPORT (Security UPgrade for PORTs) Bilateral cross-border cooperation with Greece	n/a
Maritime surveillance	No information	No information	No information	EDA EU Satellite Centre Integrated Maritime Data Environment (IMDatE) EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [4] MARSUR (Maritime Surveillance) project	European Fisheries Control Agency (EFCA) MSSIS (Maritime Safety and Security Information System)
Maritime environmental protection and response	-Department of Fisheries and Marine Research -Department of Merchant Shipping	No information	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet Mediterranean Coast Guard Functions Forum EUROSUR Rempec: The Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (1976 & 1989) Barcelona: Convention for the Protection of the Mediterranean Sea	n/a

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[4] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Against Pollution (1976 & 1995); including the Ramogepol Plan (1993) and the Lion Plan (2002) initiatives. Paris MOU on Port State Control Mediterranean MOU on Port State Control	
Search and rescue	-Department of Merchant Shipping -Ministry of Defence	No information	Civil bodies	European External Action Service (EEAS) DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Mediterranean Coast Guard Functions Forum Common Emergency Communication and Information System (CECIS) Global Maritime Distress and Safety System (GMDSS) COSPAS-SARSAT Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS)	n/a
Accident and disaster response	-Department of Merchant Shipping -Marine Police -Civil Defence Service	No information	Civil bodies	European External Action Service (EEAS) EU Satellite Centre DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Cleanseanet Common Emergency Communication and Information System (CECIS) Paris MOU on Port State Control Mediterranean MOU on Port State Control	n/a
Fisheries control	-Department of Fisheries and Marine Research	No information	Civil body	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) Mediterranean Coast Guard Functions Forum EUROSUR The General Fisheries Commission for the Mediterranean (GFCM) Vessel Monitoring System (VMS) International Commission for the Conservation of Atlantic Tunas	n/a

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Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				(ICCAT) Scheveningen-Group	

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation

NB: Cyprus did not validate this mapping. It is based on the original mapping developed by ICF GHK.

A1.4   Denmark

Table A1.4   Mapping of coast guard authorities relevant cooperation structures by functionality: Denmark

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Ministry of Defence -Danish Coastal Authority -Danish Maritime Authority -Ministry of Transport and Energy (ports) -Admiral Danish Fleet -Ministry of Justice -Royal Danish Navy -Local police districts	Danish Maritime Authority (legislation and auditing), Admiral Danish Fleet (operational)	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Blue Belt pilot project Cleanseanet Integrated Maritime Data Environment (IMDatE) North Atlantic Coast Guard Forum Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Shore-based Traffic Monitoring and Information Database (STMID) Paris MOU on Port State Control MSSIS (Maritime Safety and Security Information System) Bilateral cross-border cooperation between Germany and Denmark Multilateral cross-border cooperation between Germany, Denmark, France, UK and Norway Multilateral cross-border cooperation between	Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT)

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Germany, Denmark, Ireland, Netherlands and UK	
Maritime security	-Ministry of Defence -Danish Coastal Authority -Danish Maritime Authority - Admiral Danish Fleet -Ministry of Justice -Customs Authority -Royal Danish Navy -Ministry of Refugees, Immigration and Integration Affairs -Local police districts	Ministry of Justice, Ministry of Defense, Customs Authority, Danish Maritime Authority	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum North Atlantic Treaty Organisation (NATO) North Atlantic Coast Guard Forum Automatic Identification System (AIS) Long Range Identification and Tracking (LRIT) Baltic Sea Region Border Control Cooperation (BSRBCC) MSSIS (Maritime Safety and Security Information System) Multilateral cross-border cooperation between Germany, Denmark and Sweden	Shore-based Traffic Monitoring and Information Database (STMID) Multilateral cross-border cooperation with PL, SE and RU
Maritime customs activities	- Ministry of Defence -Danish Ministry of Taxation -Customs Authority -Admiral Danish Fleet -	Danish Ministry of Taxation	Civil bodies, Military	EU Coast Guard Functions Forum Europol Blue Belt pilot project	Multilateral cross-border cooperation with PL, SE and RU
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	-Ministry of Defence -Danish Coastal Authority -Ministry of Justice - Local police districts -Danish Authority for Enterprise and Construction -Admiral Danish Fleet -Customs Authority -Danish Maritime Authority -Ministry of Transport and	N/A*	Civil bodies, Police, Military	Europol Secure Information Exchange Network Application (SIENA) North Atlantic Coast Guard Forum Baltic Sea Region Border Control Cooperation (BSRBCC)	EU Coast Guard Functions Forum

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	Energy - Ministry of Refugees, Immigration and Integration Affairs -Danish Environmental Protection Agency -Royal Danish Navy -Ministry of Food, Agriculture and Fisheries -Danish Directorate of Fisheries				
Maritime border control	-Ministry of Defence -Ministry of Justice -Customs Authority -Ministry of Refugees, Immigration and Integration Affairs -Local Police districts -Admiral Danish Fleet	Ministry of Justice	Civil body, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol North Atlantic Coast Guard Forum EUROSUR Baltic Sea Region Border Control Cooperation (BSRBCC) Multilateral cross-border cooperation between Germany, Denmark and the Netherlands	n/a
Maritime surveillance	-Ministry of Defence -Admiral Danish Fleet -Royal Danish Navy	Admiral Danish Fleet	Civil body, Military	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EU Satellite Centre Integrated Maritime Data Environment (IMDatE)	EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum MSSIS (Maritime Safety and Security Information System)

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [5] Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Baltic Sea Maritime Functionalities project	
Maritime environmental protection and response	-Danish Ministry of the Environment -Danish Environmental Protection Agency -Admiral Danish Fleet -Local municipalities -Ministry of Defence -Danish Maritime Authority -Royal Danish Navy	Danish Ministry of the Environment (legislation), Ministry of Defence (environmental protection and response at sea)	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet North Atlantic Coast Guard Forum EUROSUR Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Helcom: The Helsinki Convention on the Protection of the Marine Environment of the Baltic Sea (1974 & 1992) Ospar: Commission for the Protection of the Marine Environment of the North-East Atlantic (1972 & 1992) Copenhagen: Agreement for cooperation in responding to oil and chemical discharges in the Baltic Sea and Kattegat Paris MOU on Port State Control Multilateral cross-border cooperation between Germany, Denmark and the Netherlands	n/a

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[5] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Multilateral cross-border cooperation between Germany, Denmark, Poland and Sweden	
Search and rescue	-Royal Danish Navy -Ministry of Defence -Danish Maritime Authority -Admiral Danish Fleet	Ministry of Defence	Civil bodies, Military	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS) Global Maritime Distress and Safety System (GMDSS) COSPAS-SARSAT Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS) Bilateral cross-border cooperation between Germany and Denmark Bilateral cross-border cooperation between Denmark and Poland Bilateral cross-border cooperation between Denmark and UK Multilateral cross-border cooperation between Denmark, Finland and Sweden	n/a
Accident and disaster response	-The Emergency Response Committee -Admiral Danish Fleet - Ministry of Defence -Ministry of Justice -Local police districts -Danish Authority for Enterprise and Construction -Royal Danish Navy	Ministry of Defence, Ministry of Justice	Civil bodies, Police Military	EU Satellite Centre DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Cleanseanet North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS) Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Paris MOU on Port State Control	n/a

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Fisheries control	-Ministry of Food, Agriculture and Fisheries -Danish Directorate of Fisheries -Ministry of Defence -Admiral Danish Fleet -Royal Danish navy	Ministry of Food, Agriculture and Fisheries	Civil bodies, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum EUROSUR The North Atlantic Salmon Conservation Organization (NASCO) The North East Atlantic Fisheries Commission (NEAFC) Vessel Monitoring System (VMS) International Commission for the Conservation of Atlantic Tunas (ICCAT) Bilateral cross-border cooperation between Denmark and UK	Multilateral cross-border cooperation with DE, PL and SE Multilateral cross-border cooperation with DE, SE, UK and NO

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation, and ICF GHK data validation exercise (2013)

* Different ministries are responsible for law enforcement in matters covered under their area of operation

A1.5   Estonia

Table A1.5   Mapping of coast guard authorities relevant cooperation structures by functionality: Estonia

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Maritime Administration -Maritime Rescue and Coordination Centre	Maritime Administration	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Blue Belt pilot project	EDA Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Cleanseanet Integrated Maritime Data Environment (IMDatE) North Atlantic Coast Guard Forum Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Shore-based Traffic Monitoring and Information Database (STMID) Paris MOU on Port State Control MSSIS (Maritime Safety and Security Information System) Bilateral cross-border cooperation between Germany and Denmark Multilateral cross-border cooperation between Germany, Denmark, France, UK and Norway Multilateral cross-border cooperation between Germany, Denmark, Ireland, Netherlands and UK	(LRIT)
Maritime security	-Maritime Administration -Police -Border Guard -Ministry of Interior -Maritime Rescue and Coordination Centre -Governmental Crisis Commission	Maritime Administration	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum North Atlantic Treaty Organisation (NATO) North Atlantic Coast Guard Forum Automatic Identification System (AIS) Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT) Baltic Sea Region Border Control Cooperation (BSRBCC) MSSIS (Maritime Safety and Security Information System)	EDA Shore-based Traffic Monitoring and Information Database (STMID)
Maritime customs activities	-Estonian Tax and Customs Board	Estonian Tax and Customs Board	Civil body	EU Coast Guard Functions Forum Europol Blue Belt pilot project	n/a

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Multilateral cross-border cooperation between Denmark, Estonia, Finland, Lithuania, Latvia, Poland and Sweden	
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	-Ministry of Interior -Police -Maritime Administration -Estonian Tax and Customs Board -Border Guard	Ministry of Interior	Civil bodies, Police, Military	Europol Secure Information Exchange Network Application (SIENA) North Atlantic Coast Guard Forum Baltic Sea Region Border Control Cooperation (BSRBCC)	EU Coast Guard Functions Forum EDA
Maritime border control	-Border Guard -Police -Maritime Administration -Governmental Crisis Commission -Ministry of Interior	Border Guard	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol North Atlantic Coast Guard Forum EUROSUR Baltic Sea Region Border Control Cooperation (BSRBCC) Multilateral cross-border cooperation between Estonia, Finland and Sweden Multilateral cross-border cooperation between Germany, Estonia, Finland, Lithuania, Latvia and Sweden	n/a
Maritime surveillance	-Maritime Administration -Police -Border Guard -Ministry of Interior	Border Guard	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EDA EU Satellite Centre Integrated Maritime Data Environment (IMDatE) EUROSUR	EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum MSSIS (Maritime Safety and Security Information System)

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [6] Baltic Sea Maritime Functionalities project	
Maritime environmental protection and response	-Ministry of Environment -Ministry of Interior -Border Guard -Maritime Administration -Police -Governmental Crisis Commission	Ministry of Environment	Civil body, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet North Atlantic Coast Guard Forum EUROSUR Helcom: The Helsinki Convention on the Protection of the Marine Environment of the Baltic Sea (1974 & 1992) Paris MOU on Port State Control	n/a
Search and rescue	-Maritime Rescue and Coordination Centre -Police -Border Guard	Border Guard	Civil body, Police, Military	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS) Global Maritime Distress and Safety System (GMDSS) Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS) Multilateral cross-border cooperation between Germany, Estonia, Finland, Lithuania, Latvia and Sweden Multilateral cross-border cooperation between	n/a

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[6] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Estonia, Finland and Sweden	
Accident and disaster response	-Safety Investigation Bureau -Governmental Crisis Commission -Ministry of Interior -Maritime Administration -Border Guard	Safety Investigation Bureau	Civil bodies, Military	EU Satellite Centre DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Cleanseanet North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS) Gulf of Finland Reporting System (GOFREP) Paris MOU on Port State Control Multilateral cross-border cooperation between Germany, Estonia, Finland, Lithuania, Latvia and Sweden	n/a
Fisheries control	-Environmental Inspectorate Ministry of Environment -Ministry of Agriculture	Environmental Inspectorate	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum EUROSUR Vessel Monitoring System (VMS) International Commission for the Conservation of Atlantic Tunas (ICCAT)	n/a

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation, and ICF GHK data validation exercise (2013)

A1.6   Finland

Table A1.6   Mapping of coast guard authorities relevant cooperation structures by functionality: Finland

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Ministry of Transport and Communications -Finnish Maritime Administration, -Ministry of Social Affairs and Health -Finnish Navy -Finnish Customs, -Finnish Border Guard -Police -Ministry of the Interior -Ministry of Defence -Ministry of the Environment -Finnish Environmental Institute -Rescue departments	Finnish Maritime Administration	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Blue Belt pilot project Cleanseanet Integrated Maritime Data Environment (IMDatE) North Atlantic Coast Guard Forum Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Gulf of Finland Reporting System (GOFREP) Paris MOU on Port State Control MSSIS (Maritime Safety and Security Information System)	EDA Short Range Identification and Tracking (SRIT) Shore-based Traffic Monitoring and Information Database (STMID) Long Range Identification and Tracking (LRIT)
Maritime security	-Ministry of Transport and Communications -Finnish Maritime Administration, -Finnish Navy -Ministry of Finance -Finnish Customs, -Finnish Border Guard -Police -Ministry of the Interior -Ministry of Defence	Ministry of the Interior	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum North Atlantic Coast Guard Forum Automatic Identification System (AIS) Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS) Baltic Sea Region Border Control Cooperation (BSRBCC) MSSIS (Maritime Safety and Security Information System)	EDA Shore-based Traffic Monitoring and Information Database (STMID) SUPPORT (Security UPgrade for PORTs)
Maritime customs activities	-Ministry of Finance -Ministry of the Interior -Finnish Customs,	Ministry of Finance	Civil bodies, Military	EU Coast Guard Functions Forum Europol Blue Belt pilot project	n/a

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Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	-Finnish Border Guard			Multilateral cross-border cooperation between Denmark, Estonia, Finland, Lithuania, Latvia, Poland and Sweden	
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	-Finnish Border Guard -Police -Finnish Customs -Ministry of Finance -Ministry of the Interior -Ministry of Agriculture and Fishery -Fisheries units at the Employment and Economic Development Centres	Ministry of the Interior	Civil bodies, Police, Military	Europol Secure Information Exchange Network Application (SIENA) North Atlantic Coast Guard Forum Baltic Sea Region Border Control Cooperation (BSRBCC)	EU Coast Guard Functions Forum EDA I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration project EFFISEC (EFFicient Integrated SECurity Checkpoints)
Maritime border control	-Ministry of the Interior -Finnish Police -Border Guard with coast guard districts -Finnish Customs	Ministry of the Interior	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol North Atlantic Coast Guard Forum EUROSUR Baltic Sea Region Border Control Cooperation (BSRBCC) Multilateral cross-border cooperation between Estonia, Finland and Sweden Multilateral cross-border cooperation between Germany, Estonia, Finland, Lithuania, Latvia and Sweden	I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration project EFFISEC (EFFicient Integrated SECurity Checkpoints) SUPPORT (Security UPgrade for PORTs)
Maritime surveillance	- Ministry of Transport and Communications -Finnish Maritime Administration	Ministry of Defence	Civil bodies, Military	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union)	EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	-Ministry of Defence -Border Guard -Ministry of the Interior -Finnish Navy			EDA EU Satellite Centre Integrated Maritime Data Environment (IMDatE) EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [7] Baltic Sea Maritime Functionalities project Perseus (Protection of European BoRders and Seas through the IntElligent Use of Surveillance) MARSUR (Maritime Surveillance) project	MSSIS (Maritime Safety and Security Information System) I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration project EFFISEC (EFFicient Integrated SECurity Checkpoints)
Maritime environmental protection and response	- Ministry of Transport and Communications -Finnish Maritime Administration -Ministry of the Environment -Finnish Environmental Institute , -Finnish Navy, -Border Guard, - Ministry of the Environment, -Ministry of Transport and Communication, -Ministry of Agriculture and Forestry	Ministry of the Environment	Civil bodies, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet North Atlantic Coast Guard Forum EUROSUR Helcom: The Helsinki Convention on the Protection of the Marine Environment of the Baltic Sea (1974 & 1992) Copenhagen: Agreement for cooperation in responding to oil and chemical discharges in the Baltic Sea and Kattegat Paris MOU on Port State Control	Ospar: Commission for the Protection of the Marine Environment of the North-East Atlantic (1972 & 1992)
Search and rescue	- Ministry of the Interior -Ministry of Transport and Communications	Ministry of the Interior	Civil body, Police, Military	Safeseanet North Atlantic Coast Guard Forum Global Maritime Distress and Safety System	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Common Emergency Communication and

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[7] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	-Finnish Maritime Administration -Ministry of Social Affairs and Health -Police -Finnish Customs -Ministry of Finance -Ministry of the Interior -Finnish Border Guard, -Finnish Navy -Ministry of Defence -Ministry of the Environment -Finnish Environmental Institute -Rescue departments			(GMDSS) COSPAS-SARSAT Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS) Multilateral cross-border cooperation between Germany, Estonia, Finland, Lithuania, Latvia and Sweden Multilateral cross-border cooperation between Estonia, Finland and Sweden Multilateral cross-border cooperation between Denmark, Finland and Sweden	Information System (CECIS)
Accident and disaster response	-Ministry of Social Affairs and Health -Police -Ministry of the Interior -Ministry of the Environment -Finnish Maritime Administration, -Finnish Border Guard, -Rescue departments, -Finnish Environment Institute	Ministry of the Interior	Civil bodies, Police, Military	EU Satellite Centre Safeseanet Cleanseanet North Atlantic Coast Guard Forum Gulf of Finland Reporting System (GOFREP) Paris MOU on Port State Control Multilateral cross-border cooperation between Germany, Estonia, Finland, Lithuania, Latvia and Sweden Multilateral cross-border cooperation	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Common Emergency Communication and Information System (CECIS)
Fisheries control	-Ministry of Agriculture and Fishery -Ministry of the Interior -Fisheries units at the Employment and Economic Development Centres, -Police, -Finnish Border Guard, -Finnish Customs	Ministry of Agriculture and Forestry	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum EUROSUR Vessel Monitoring System (VMS) Bilateral cross-border cooperation between Finland and Sweden	International Commission for the Conservation of Atlantic Tunas (ICCAT)

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation and ICF GHK data validation exercise (2013)

A1.7   France

Table A1.7   Mapping of coast guard authorities relevant cooperation structures by functionality: France

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Ministry of Transport (Administration Of Maritime Affairs) -Prefet maritime -Les Centres Régionaux Opérationnels de Secours et de Sauvetage (CROSS)	Ministry of Transport (Administration of Maritime Affairs)	Civil bodies, Police	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Blue Belt pilot project Cleanseanet Integrated Maritime Data Environment (IMDatE) North Atlantic Coast Guard Forum Mediterranean Coast Guard Functions Forum Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Shore-based Traffic Monitoring and Information Database (STMID) Dover Strait Reporting System (CALDOVREP) Paris MOU on Port State Control Equasis MSSIS (Maritime Safety and Security Information System) Multilateral cross-border cooperation between Spain, France and Portugal Multilateral cross-border cooperation between Spain, France, Ireland, Portugal and UK Bilateral cross-border cooperation between Spain and France Multilateral cross-border cooperation between Germany, Denmark, France, UK and Norway	EDA Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT)
Maritime security	-Ministry of Transport (Administration of Maritime Affairs)	Ministry of Transport (Administration of Maritime Affairs)	Civil bodies, Police,	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum North Atlantic Treaty Organisation (NATO)	EDA Shore-based Traffic Monitoring and Information Database

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Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	-French Navy -Ministry of Interior (Home Office) -Gendarmerie Maritime -Préfet maritime		Military	North Atlantic Coast Guard Forum Automatic Identification System (AIS) Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT) MSSIS (Maritime Safety and Security Information System) SUPPORT (Security UPgrade for PORTs)	(STMID)
Maritime customs activities	-Ministry of Budget (Customs)	Ministry of Finance (Customs)	Civil body	EU Coast Guard Functions Forum Europol Blue Belt pilot project Bilateral cross-border cooperation between France and UK	n/a
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	-Public prosecutor's department of Ministry of Law -French navy -Ministry of Transport (Administration of Maritime Affairs) -Ministry of Interior (Home Office) -Gendarmerie Maritime -Préfet maritime -Ministry of Finance (Customs)	Public prosecutor's department of ministry of law	Civil bodies, Police, Military	Europol Secure Information Exchange Network Application (SIENA) North Atlantic Coast Guard Forum SeaBILLA (Sea Border Surveillance) Project Maritime Analysis and Operations Centre - Narcotics (MAOC (N)) Centre de Coordination pour la Lutte Anti-drogue en Méditerranée (CeCLAD-M) EFFISEC (EFFicient Integrated SECurity Checkpoints) WiMA²S (Wide maritime area airborne surveillance) Multilateral cross-border cooperation between Spain, France and Portugal Multilateral cross-border cooperation between Spain, France and Italy	EU Coast Guard Functions Forum EDA I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration project
Maritime border control	-Ministry of Interior (Home Office) -French Navy -Ministry of Finance (Customs) -Gendarmerie Maritime	Ministry of Interior (Home Office)	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol North Atlantic Coast Guard Forum EUROSUR I2C (Integrated System for Interoperable sensors & Information sources for	n/a

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Common abnormal vessel behaviour detection & Collaborative identification of threat) integration project EFFISEC (EFFicient Integrated SECurity Checkpoints) SUPPORT (Security UPgrade for PORTs) WiMA²S (Wide maritime area airborne surveillance) Multilateral cross-border cooperation between Spain, France and Portugal Multilateral cross-border cooperation between Spain, France and Italy Bilateral cross-border cooperation between France and UK	
Maritime surveillance	-Ministry of Finance (Customs) -French Navy -Ministry of Transport (Administration of Maritime Affairs) -Ministry of Defence -Gendarmerie Maritime -Les Centres Régionaux Opérationnels de Secours et de Sauvetage (CROSS) -Préfet Maritime -Ministry of Environment	N/A	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EDA EU Satellite Centre Integrated Maritime Data Environment (IMDatE) EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [8] Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Marsuno - CLOSED in 2012 SeaBILLA (Sea Border Surveillance) Project Perseus (Protection of European BoRders and Seas through the IntElligent Use of Surveillance) MARSUR (Maritime Surveillance) project I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration project OPARUS (Open architecture for UAV-based surveillance system) WiMA²S (Wide maritime area airborne surveillance)	EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum MSSIS (Maritime Safety and Security Information System) EFFISEC (EFFicient Integrated SECurity Checkpoints)

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[8] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime environmental protection and response	-Ministry of Environment -French Navy -Ministry of Transport (Administration of Maritime Affairs) -Gendarmerie Maritime -Les Centres Régionaux Opérationnels de Secours et de Sauvetage (CROSS) -Préfet Maritime -Ministry of Finance (Customs)	Ministry of Environment	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet North Atlantic Coast Guard Forum Mediterranean Coast Guard Functions Forum EUROSUR Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Ospar: Commission for the Protection of the Marine Environment of the North-East Atlantic (1972 & 1992) Rempec: The Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (1976 & 1989) Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004) Barcelona: Convention for the Protection of the Mediterranean Sea Against Pollution (1976 & 1995); including the Ramogepol Plan (1993) and the Lion Plan (2002) initiatives. Lisbon Agreement (involving France, Portugal and Spain, together with the EC and Morocco) for the protection of the coasts and waters of the North-East Atlantic against pollution. Paris MOU on Port State Control WiMA²S (Wide maritime area airborne surveillance) RAMOGE and PELAGOS agreements Multilateral cross-border cooperation between Spain, France and Portugal Bilateral cross-border cooperation between Spain and France Multilateral cross-border cooperation between Spain, France and Italy Bilateral cross-border cooperation between France and UK	Equasis
Search and rescue	-Préfet Maritime -French Navy -Ministry of Transport (Administration of Maritime Affairs) -Gendarmerie Maritime	Préfet maritime	Civil bodies, Police, Military	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet North Atlantic Coast Guard Forum Mediterranean Coast Guard Functions Forum Common Emergency Communication and Information System (CECIS)	n/a

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	-Les Centres Régionaux Opérationnels de Secours et de Sauvetage (CROSS) -Ministry of Finance (Customs) -Société Nationale de Sauvetage en Mer (SNSM)			Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004) Global Maritime Distress and Safety System (GMDSS) COSPAS-SARSAT Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS) Multilateral cross-border cooperation between Spain, France, Ireland, Portugal and UK Multilateral cross-border cooperation between Spain, France and Italy Bilateral cross-border cooperation between France and UK Multilateral cross-border cooperation between France, Ireland and UK	
Accident and disaster response	-Préfet Maritime -French Navy -Ministry of Transport (Administration of Maritime Affairs) -Les Centres Régionaux Opérationnels de Secours et de Sauvetage (CROSS) -Ministry of Interior	Préfet maritime	Civil bodies, Police, Military	EU Satellite Centre DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Cleanseanet North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS) Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004) Dover Strait Reporting System (CALDOVREP) Paris MOU on Port State Control Equasis Multilateral cross-border cooperation between Spain, France, Ireland, Portugal and UK Bilateral cross-border cooperation between Spain and France	n/a
Fisheries control	- Ministry of Transport (Administration of Maritime Affairs) -French Navy -Ministry of Finance (Customs)	Ministry of Transport - Sea and Fisheries	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum Mediterranean Coast Guard Functions Forum EUROSUR	n/a

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	-Gendarmerie Maritime -Les Centres Régionaux Opérationnels de Secours et de Sauvetage (CROSS) -Préfet Maritime			The General Fisheries Commission for the Mediterranean (GFCM) Vessel Monitoring System (VMS) International Commission for the Conservation of Atlantic Tunas (ICCAT) Bilateral cross-border cooperation between Spain and France Multilateral cross-border cooperation between Belgium, France and UK	

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation, and ICF GHK data validation exercise (2013)

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A1.8 Germany

Table A1.8 Mapping of coast guard authorities relevant cooperation structures by functionality: Germany

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Federal Ministry of Transport, Building and Urban Affairs -Federal Waterways and Shipping Administration -Federal Maritime and Hydrographic Agency -See-Berufsgenossenschaft -Coastal States -Federal Police and Water Police -German Navy -Water Customs Service -Central Command for Maritime Emergencies (CCME) -German National Lifeboat Association -Maritime Rescue Coordination Centre -Joint Emergency Reporting and Assessment Centre	Federal Ministry of Transport, Building and Urban Affairs	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Blue Belt pilot project Cleanseanet Integrated Maritime Data Environment (IMDatE) North Atlantic Coast Guard Forum Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Shore-based Traffic Monitoring and Information Database (STMID) Paris MOU on Port State Control MSSIS (Maritime Safety and Security Information System) Bilateral cross-border cooperation between Germany and Denmark Multilateral cross-border cooperation between Germany, Denmark, France, UK and Norway Multilateral cross-border cooperation between Germany, Denmark, Ireland, Netherlands and UK Bilateral cross-border cooperation between Germany and the Netherlands	EDA Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT)
Maritime security	-Federal Ministry of Interior -Coastal States -Federal Ministry of Transport, Building and Urban Affairs -Federal Ministry of Defence -Federal Police and Water Police -Point of Contact -Federal Maritime and Hydrographic Agency	Federal Ministry of Interior	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum North Atlantic Treaty Organisation (NATO) North Atlantic Coast Guard Forum Automatic Identification System (AIS) Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT) Baltic Sea Region Border Control Cooperation (BSRBCC) MSSIS (Maritime Safety and Security Information System)	EDA Shore-based Traffic Monitoring and Information Database (STMID)

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	-German Navy -Federal Waterways and Shipping Administration -See-Berufsgenossenschaft -Joint Emergency Reporting and Assessment Centre			Multilateral cross-border cooperation between Germany, Denmark and Sweden Multilateral cross-border cooperation between Belgium, Denmark, the Netherlands and Germany	
Maritime customs activities	-Federal Ministry of Finance -Federal Customs Administration -Water Customs Service -Joint Emergency Reporting and Assessment Centre	Federal Ministry of Finance	Civil bodies	EU Coast Guard Functions Forum Europol Blue Belt pilot project Bilateral cross-border cooperation between Germany and Poland	n/a
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	-Federal Waterways and Shipping Administration -See-Berufsgenossenschaft -Federal Police and Water Police -Federal Customs Administration	N/A	Civil bodies, Police	Europol Secure Information Exchange Network Application (SIENA) North Atlantic Coast Guard Forum SeaBILLA (Sea Border Surveillance) Project Baltic Sea Region Border Control Cooperation (BSRBCC) EFFISEC (EFFicient Integrated SECurity Checkpoints) WiMA²S (Wide maritime area airborne surveillance)	EU Coast Guard Functions Forum EDA I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration project
Maritime border control	-Federal Ministry of Interior -Federal Police -Water Customs Service -Joint Emergency Reporting and Assessment Centre	Federal Ministry of Interior	Civil bodies, Police	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol North Atlantic Coast Guard Forum EUROSUR Baltic Sea Region Border Control Cooperation (BSRBCC) I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection &	AMASS (Autonomous Maritime Surveillance System) project

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Collaborative identification of threat) integration project EFFISEC (EFFicient Integrated SECurity Checkpoints) WiMA²S (Wide maritime area airborne surveillance) Multilateral cross-border cooperation between Germany, Estonia, Finland, Lithuania, Latvia and Sweden Multilateral cross-border cooperation between Germany, Denmark and Netherlands	
Maritime surveillance	-Federal Ministry of Transport, Building and Urban Affairs -Federal Waterways and Shipping Administration -Federal Maritime and Hydrographic Agency -See-Berufsgenossenschaft -Coastal States -Federal Police and Water Police -Point of Contact -German Navy -Federal Customs Administration -Water Customs Service -Central Command for Maritime Emergencies (CCME) -German National Lifeboat Association -Maritime Rescue Coordination Centre -Joint Emergency Reporting	Federal Ministry of Transport, Building and Urban Affairs	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EDA EU Satellite Centre Integrated Maritime Data Environment (IMDatE) EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [9] Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) SeaBILLA (Sea Border Surveillance) Project MARSUR (Maritime Surveillance) project I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration project AMASS (Autonomous Maritime Surveillance System) project OPARUS (Open architecture for UAV-based surveillance system) WiMA²S (Wide maritime area airborne surveillance)	EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum MSSIS (Maritime Safety and Security Information System) EFFISEC (EFFicient Integrated SECurity Checkpoints)

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[9] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	and Assessment Centre				
Maritime environmental protection and response	-Ministries of Environment of the Coastal States -Federal Ministry of Transport, Building and Urban Affairs -Federal Waterways and Shipping Administration - Central Command for Maritime Emergencies (CCME); Environmental Authorities of the Coastal States -Federal Maritime and Hydrographic Agency -Federal Police and Water Police -German Navy -Water Customs Service -Joint Emergency Reporting and Assessment Centre	Federal Ministry of Transport, Building and Urban Affairs	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet North Atlantic Coast Guard Forum EUROSUR Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Ospar: Commission for the Protection of the Marine Environment of the North-East Atlantic (1972 & 1992) Paris MOU on Port State Control WiMA²S (Wide maritime area airborne surveillance) Multilateral cross-border cooperation between Germany, Denmark, Poland and Sweden Multilateral cross-border cooperation between Germany, Denmark and Netherlands	n/a
Search and rescue	-Federal Ministry of Transport, Building and Urban Affairs -Ministry of Defence -German National Lifeboat Association -German Navy -Maritime Rescue Coordination Centre -Federal Police and Water Police -Water Customs Service -Central Command for Maritime Emergencies (CCME) -Joint Emergency Reporting	Federal Ministry of Transport, Building and Urban Affairs	Civil bodies, Police, Military	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS) Global Maritime Distress and Safety System (GMDSS) COSPAS-SARSAT Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS) Multilateral cross-border cooperation between Germany, Estonia, Finland, Lithuania, Latvia and Sweden Bilateral cross-border cooperation between Germany and Denmark Multilateral cross-border cooperation between Belgium, Germany,	n/a

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	and Assessment Centre			Netherlands and UK Bilateral cross-border cooperation between Germany and Belgium	
Accident and disaster response	-Federal Ministry of Transport, Building and Urban Affairs -Coastal States -Central Command for Maritime Emergencies (CCME) -Joint Emergency Reporting and Assessment Centre -Federal Waterways and Shipping Administration -Federal Maritime and Hydrographic Agency -Federal Police and Water Police -German Navy -Water Customs Service -Maritime Rescue Coordination Centre	Federal Ministry of Transport, Building and Urban Affairs	Civil bodies, Police, Military	EU Satellite Centre DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Cleanseanet North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS) Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Paris MOU on Port State Control Multilateral cross-border cooperation between Germany, Estonia, Finland, Lithuania, Latvia and Sweden Multilateral cross-border cooperation between Germany, Finland, Lithuania, Poland and Sweden Bilateral cross-border cooperation between Germany and Netherlands	n/a
Fisheries control	-Federal Ministry of Food, Agriculture and Consumer Protection -Federal Police and Water Police -Water Customs Service -Joint Emergency Reporting and Assessment Centre	Federal Ministry of Food, Agriculture and Consumer Protection	Civil bodies, Police	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum EUROSUR Vessel Monitoring System (VMS) International Commission for the Conservation of Atlantic Tunas (ICCAT) Bilateral cross-border cooperation between Germany and Poland Multilateral cross-border cooperation between Germany, Denmark, Poland and Sweden Multilateral cross-border cooperation between Germany, Denmark, Sweden, UK and Norway	n/a

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation, and ICF GHK data validation exercise (2013)

A1.9 Greece

Table A1.9 Mapping of coast guard authorities relevant cooperation structures by functionality: Greece

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Ministry of Merchant Marine/Hellenic Coast Guard	Hellenic Coast Guard	Civil body	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet Integrated Maritime Data Environment (IMDatE) Mediterranean Coast Guard Functions Forum Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Paris MOU on Port State Control	EDA Short Range Identification and Tracking (SRIT) Shore-based Traffic Monitoring and Information Database (STMID) Long Range Identification and Tracking (LRIT) MSSIS (Maritime Safety and Security Information System)
Maritime security	-Ministry of Merchant Marine/Hellenic Coast Guard	Hellenic Coast Guard	Civil body	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum North Atlantic Treaty Organisation (NATO) Automatic Identification System (AIS) Long Range Identification and Tracking (LRIT)	EDA Short Range Identification and Tracking (SRIT) Shore-based Traffic Monitoring and Information Database (STMID) MSSIS (Maritime Safety and Security Information System) SUPPORT (Security UPgrade for PORTs)
Maritime customs activities	-Ministry of National Economy and Finance/ General Secretariat of Taxation & Customs	General Secretariat of Taxation & Customs	Civil body	n/a	Europol

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Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	-Ministry of Merchant Marine/Hellenic Coast Guard -Ministry of National Economy and Finance/Customs -Ministry of Public Order/Hellenic Police	Hellenic Coast Guard	Civil bodies, Police	Europol Secure Information Exchange Network Application (SIENA) Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [10] Centre de Coordination pour la Lutte Anti-drogue en Méditerranée (CeCLAD-M) Bilateral cross-border cooperation between Greece and Italy Bilateral cross-border cooperation between Greece and Cyprus	EU Coast Guard Functions Forum EDA
Maritime border control	-Ministry of Merchant Marine/Hellenic Coast Guard -Ministry of Public Order/Hellenic Police -Ministry of National Economy and Finance/Customs	Hellenic Coast Guard	Civil bodies, Police	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol EUROSUR Bilateral cross-border cooperation between Greece and Italy Bilateral cross-border cooperation between Greece and Cyprus	SUPPORT (Security UPgrade for PORTs)
Maritime surveillance	-Ministry of Merchant Marine/Hellenic Coast Guard -Ministry of National Economy and Finance/Customs -Hellenic Navy	Hellenic Coast Guard	Civil body, Military	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EDA EU Satellite Centre Integrated Maritime Data Environment (IMDatE) EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [11]	EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) MSSIS (Maritime Safety and Security Information System) Civil Emergency, Planning and Defence Directorate Ministry of Rural Development and Foods

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[10] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Perseus (Protection of European BoRders and Seas through the IntElligent Use of Surveillance) MARSUR (Maritime Surveillance) project	
Maritime environmental protection and response	-Ministry of Merchant Marine/Hellenic Coast Guard -Ministry of Public Order -Ministry of Environment, Energy and Climate Change/ Special Secretariat of Water	Hellenic Coast Guard	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet Mediterranean Coast Guard Functions Forum EUROSUR Rempec: The Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (1976 & 1989) Barcelona: Convention for the Protection of the Mediterranean Sea Against Pollution (1976 & 1995); including the Ramogepol Plan (1993) and the Lion Plan (2002) initiatives. Paris MOU on Port State Control	n/a
Search and rescue	-Ministry of Merchant Marine/Hellenic Coast Guard -Hellenic Navy and Air Force -Civil Emergency, Planning and Defence Directorate	Hellenic Coast Guard	Civil bodies, Military	Safeseanet Mediterranean Coast Guard Functions Forum Global Maritime Distress and Safety System (GMDSS) COSPAS-SARSAT Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS) Bilateral cross-border cooperation between Greece and Italy	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Common Emergency Communication and Information System (CECIS)
Accident and disaster response	-Ministry of Merchant Marine/Hellenic Coast Guard -Ministry of Merchant Marine/Civil Emergency, Planning and Defence	Hellenic Coast Guard	Civil bodies, Police, Military	EU Satellite Centre Safeseanet Cleanseanet Common Emergency Communication and Information System (CECIS)	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC)

[11] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	Directorate -Hellenic Navy -Hellenic Air Force -Ministry of Public Order/Hellenic Police			Paris MOU on Port State Control	
Fisheries control	-Ministry of Merchant Marine/Hellenic Coast Guard -Ministry of Rural Development and Foods	Hellenic Coast Guard	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) Mediterranean Coast Guard Functions Forum EUROSUR The General Fisheries Commission for the Mediterranean (GFCM) Vessel Monitoring System (VMS) International Commission for the Conservation of Atlantic Tunas (ICCAT)	n/a

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation, and ICF GHK data validation exercise (2013)

A1.10   Ireland

Table A1.10   Mapping of coast guard authorities relevant cooperation structures by functionality: Ireland

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Department of Transport -Maritime Safety Directorate -National Port Authorities	Irish Coast Guard	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Blue Belt pilot project Cleanseanet Integrated Maritime Data Environment (IMDatE)	EDA Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT)

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Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	-Irish Coast Guard			North Atlantic Coast Guard Forum Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Shore-based Traffic Monitoring and Information Database (STMID) Paris MOU on Port State Control MSSIS (Maritime Safety and Security Information System) Multilateral cross-border cooperation between Spain, France, Ireland, Portugal and UK Bilateral cross-border cooperation between Ireland and UK Multilateral cross-border cooperation between Germany, Denmark, Ireland, Netherlands and UK	
Maritime security	-Department of Transport; -Department of Defence -National Port Authorities -Irish Defence Forces	Department of Transport	Civil bodies, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum North Atlantic Coast Guard Forum Automatic Identification System (AIS) Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT) MSSIS (Maritime Safety and Security Information System) SUPPORT (Security UPgrade for PORTs) Bilateral cross-border cooperation between Ireland and UK	EDA Shore-based Traffic Monitoring and Information Database (STMID)
Maritime customs activities	-Revenue Commissioners -Department of Justice, Equality and Law Reform -Irish Police	Revenue Commissioners	Civil bodies, Police	EU Coast Guard Functions Forum Europol Blue Belt pilot project	n/a
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	-Department of Justice, Equality and Law Reform -Department of Defence	Irish Police	Civil bodies, Police, Military	Europol Secure Information Exchange Network Application (SIENA) North Atlantic Coast Guard Forum SeaBILLA (Sea Border Surveillance) Project	EU Coast Guard Functions Forum EDA

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	-Irish Police -Irish Defence Forces -Revenue Commissioners			Maritime Analysis and Operations Centre - Narcotics (MAOC (N))	
Maritime border control	-Department of Defence -Department of Justice, Equality and Law Reform -Irish Police -Irish Defence Forces	Irish Police	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol North Atlantic Coast Guard Forum EUROSUR SUPPORT (Security UPgrade for PORTs) Bilateral cross-border cooperation between Ireland and UK	n/a
Maritime surveillance	-Department of Transport -Maritime Safety Directorate -Irish Coast Guard -Irish Defence Forces -Revenue Commissioners -Sea Fisheries Protection Authority	Department of Transport		European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EDA EU Satellite Centre Integrated Maritime Data Environment (IMDatE) EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) SeaBILLA (Sea Border Surveillance) Project Perseus (Protection of European BoRders and Seas through the IntElligent Use of Surveillance) MARSUR (Maritime Surveillance) project	EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum MSSIS (Maritime Safety and Security Information System)

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Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime environmental protection and response	-Department of Environment -Department of Transport -Irish Coast Guard -Environmental Protection Agency	Irish Coast Guard	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet North Atlantic Coast Guard Forum EUROSUR Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Ospar: Commission for the Protection of the Marine Environment of the North-East Atlantic (1972 & 1992) Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004) Paris MOU on Port State Control	n/a
Search and rescue	-Department of Transport -Irish Coast Guard -Irish Defence Forces -Voluntary SAR services	Irish Coast Guard	Civil bodies, Military	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS) Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004) Global Maritime Distress and Safety System (GMDSS) Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS) Multilateral cross-border cooperation between Spain, France, Ireland, Portugal and UK Multilateral cross-border cooperation between France, Ireland and UK	n/a
Accident and disaster response	-Department of Transport -Irish Coast Guard -Irish Defence Forces -Irish Police -Environmental Protection Agency	Irish Coast Guard	Civil bodies, Military	EU Satellite Centre DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Cleanseanet North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS)	n/a

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	-Voluntary SAR services			Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004) Paris MOU on Port State Control Multilateral cross-border cooperation between Spain, France, Ireland, Portugal and UK	
Fisheries control	-Department of Communications, Marine & Natural Resources -Sea Fisheries Protection Authority -Irish Defence Forces -Department of Agriculture, Food and the Marine	Sea Fisheries Protection Authority	Civil bodies, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum EUROSUR Vessel Monitoring System (VMS) International Commission for the Conservation of Atlantic Tunas (ICCAT)	n/a

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation, and ICF GHK data validation exercise (2013)

A1.11   Italy

Table A1.11   Mapping of coast guard authorities relevant cooperation structures by functionality: Italy

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	Ministry of Transport/Coast Guard Italian Coast Guard	Italian Coast Guard	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Blue Belt pilot project Cleanseanet	EDA Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT)

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Integrated Maritime Data Environment (IMDatE) Mediterranean Coast Guard Functions Forum Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Paris MOU on Port State Control MSSIS (Maritime Safety and Security Information System)	Shore-based Traffic Monitoring and Information Database (STMID)
Maritime security	Ministry of Transport/Coast Guard Ministry of Interiors Police Forces (IT) Ministry of Defence/ Navy (IT) Italian Coast Guard	n/a	Civil bodies and military body	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum North Atlantic Treaty Organisation (NATO) Automatic Identification System (AIS) Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT) MSSIS (Maritime Safety and Security Information System) Bilateral cross-border cooperation with Slovenia	EDA Shore-based Traffic Monitoring and Information Database (STMID)
Maritime customs activities	Ministry of Economy and Finance/ Customs	Ministry of Economy and Finance/ Customs	Civil body	EU Coast Guard Functions Forum Europol Blue Belt pilot project OLAF	n/a
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	-Ministry of Transport/Coast Guard -Ministry of Interiors/Police Forces -Ministry of Defence/Navy Italian Coast Guard Ministry of Economy and Finance/ Customs	n/a	Civil bodies, Police, Military	Europol Maritime Analysis and Operations Centre - Narcotics (MAOC (N)) OLAF Multilateral cross-border cooperation with ES, FR, Bilateral cross-border cooperation with Greece	EDA I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration project SeaBILLA (Sea Border Surveillance) Project Secure Information Exchange Network Application (SIENA)

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
					Centre de Coordination pour la Lutte Anti-drogue en Méditerranée (CeCLAD-M) EFFISEC (EFFicient Integrated SECurity Checkpoints) WiMA²S (Wide maritime area airborne surveillance)
Maritime border control	-Ministry of Transport/Italian Coast Guard -Ministry of Interiors/Police Forces -Ministry of Defence/Navy -Ministry of Economy and Finance/Customs	Ministry of Interior	Civil bodies, Police, Military	EMSA EUCGFF Frontex Europol EUROSUR Multilateral cross-border cooperation with ES and FR Bilateral cross-border cooperation with Greece	I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration project EFFISEC (EFFicient Integrated SECurity Checkpoints) WiMA²S (Wide maritime area airborne surveillance)
Maritime surveillance	Ministry of Transport/Coast Guard Ministry of Economy and Finance/ Customs Ministry of Interiors Police Forces (IT) Ministry of Defence/ Navy (IT)	n/a	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EDA EU Satellite Centre Integrated Maritime Data Environment (IMDatE) EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [12]	EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) MSSIS (Maritime Safety and Security Information System) EFFISEC (EFFicient Integrated SECurity Checkpoints)

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[12] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	Italian Coast Guard			SeaBILLA (Sea Border Surveillance) Project Perseus (Protection of European BoRders and Seas through the IntElligent Use of Surveillance) MARSUR (Maritime Surveillance) project I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration project OPARUS (Open architecture for UAV-based surveillance system) WiMA²S (Wide maritime area airborne surveillance)	
Maritime environmental protection and response	-Ministry of Environment, Territory and Sea -Coast Guard Ministry of Transport/Coast Guard Police Forces (IT) State Civil Defence Department/Sea Emergency Operations Centre	Ministry of Environment, Territory and Sea	Civil bodies and police	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet Mediterranean Coast Guard Functions Forum EUROSUR Rempec: The Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (1976 & 1989) Barcelona: Convention for the Protection of the Mediterranean Sea Against Pollution (1976 & 1995); including the Ramogepol Plan (1993) and the Lion Plan (2002) initiatives. Paris MOU on Port State Control RAMOGE and PELAGOS agreements Multilateral cross-border cooperation with ES and FR Bilateral cross-border cooperation with Slovenia	WiMA²S (Wide maritime area airborne surveillance)
Search and rescue	-Ministry of Transport/Coast Guard Police Forces (IT) Navy (IT) Italian Coast Guard	Ministry of Transport / Coast Guard	Civil bodies, military body and police	European External Action Service (EEAS) Safeseanet Mediterranean Coast Guard Functions Forum Global Maritime Distress and Safety System (GMDSS) COSPAS-SARSAT Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS) Multilateral cross-border cooperation with ES and FR	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Common Emergency Communication and Information System (CECIS)

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Bilateral cross-border cooperation with Greece Bilateral cross-border cooperation with Slovenia	
Accident and disaster response	-State Civil Defence Department/Sea Emergency Operations Centre (manned with personnel of the Coast Guard) Ministry of Transport/Coast Guard Police Forces (IT) Navy (IT) Italian Coast Guard Ministry of Environment, Territory and Sea	n/a	Civil bodies, military body and police	European External Action Service (EEAS) EU Satellite Centre Safeseanet Cleanseanet Common Emergency Communication and Information System (CECIS) Paris MOU on Port State Control Italian Coast Guard State Civil Defence Department/Sea Emergency Operations Centre	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC)
Fisheries control	-Ministry of Agricultural Policies -Coast Guard (National Fishing Control Centre) Police	Italian Coast Guard	Civil bodies, police	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) Mediterranean Coast Guard Functions Forum EUROSUR The General Fisheries Commission for the Mediterranean (GFCM) Vessel Monitoring System (VMS) International Commission for the Conservation of Atlantic Tunas (ICCAT) Scheveningen-Group Navy (IT) Italian Coast Guard Ministry of Agricultural Policies	n/a

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation and ICF GHK data validation exercise (2013)

A1.12   Latvia

Table A1.12   Mapping of coast guard authorities relevant cooperation structures by functionality: Latvia

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Ministry of Transport/Maritime Administration -Harbour Master Offices -Ministry of Defence / Coast Guard -Port Authorities	Ministry of Transport / Maritime Administration	Civil body	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Blue Belt pilot project Cleanseanet Integrated Maritime Data Environment (IMDatE) North Atlantic Coast Guard Forum Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Shore-based Traffic Monitoring and Information Database (STMID) Paris MOU on Port State Control MSSIS (Maritime Safety and Security Information System) Multilateral cross-border cooperation with EE, LT and PL	EDA Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT)
Maritime security	-Ministry of Transport/Maritime Administration Harbour Master Offices State Police (LV) Ministry of Defence/ Coast Guard Port Authorities	Ministry of Defence / Coast Guard	Military body	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum North Atlantic Treaty Organisation (NATO) North Atlantic Coast Guard Forum Automatic Identification System (AIS) Long Range Identification and Tracking (LRIT) MARSUR (Maritime Surveillance) project SUCBAS (Sea Surveillance Cooperation Baltic Sea)	EDA Shore-based Traffic Monitoring and Information Database (STMID)
Maritime customs activities	-Ministry of Finance/ Customs Ministry of Interior/State Border Guard	Ministry of Finance / Customs	Civil body	EU Coast Guard Functions Forum Europol Blue Belt pilot project	n/a

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Multilateral cross-border cooperation with DK, EE, FI, LT, PL and SE	
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	Ministry of Transport/Maritime Administration Ministry of Interior/State Border Guard Ministry of Environment/Marine and Inland Waters Administration Ministry of Defence/ Coast Guard Port Authorities	Ministry of Defence / Coast Guard	Military body	Europol North Atlantic Coast Guard Forum SUCBAS (Sea Surveillance Cooperation Baltic Sea)	EU Coast Guard Functions Forum EDA
Maritime border control	-Ministry of Interior/State Border Guard Ministry of Defence / Coast Guard	-Ministry of Interior/State Border Guard	Civil body	EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol North Atlantic Coast Guard Forum EUROSUR Baltic Sea Region Border Control Cooperation (BSRBCC) SUPPORT (Security UPgrade for PORTs) Multilateral cross-border cooperation with DE, EE, FI, LT and SE	n/a
Maritime surveillance	Harbour Master Offices Ministry of Interior/State Border Guard Ministry of Defence/ Coast Guard	Ministry of Defence / Coast Guard	Military body	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EDA Integrated Maritime Data Environment (IMDatE)	EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [13] Marsuno - CLOSED in 2012 MARSUR (Maritime Surveillance) project	Forum MSSIS (Maritime Safety and Security Information System)
Maritime environmental protection and response	-Ministry of Environment/Marine and Inland Waters Administration -Ministry of Defence/ Coast Guard -Port Authorities Ministry of Transport/Maritime Administration Harbour Master Offices	Ministry of Defence / Coast Guard	Military body	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet North Atlantic Coast Guard Forum Helcom: The Helsinki Convention on the Protection of the Marine Environment of the Baltic Sea (1974 & 1992) Paris MOU on Port State Control	n/a
Search and rescue	-Ministry of Defence/Coast Guard	Ministry of Defence/ Coast Guard	Military body	European External Action Service (EEAS) DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS) Global Maritime Distress and Safety System (GMDSS) Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS) Multilateral cross-border cooperation with LT and SE	n/a
Accident and disaster response	-Ministry of Defence/Coast Guard -Ministry of Transport / Maritime Administration -Ministry of Environment /	Ministry of Defence / Coast Guard	Military bodies	European External Action Service (EEAS) DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Cleanseanet	n/a

[13] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	Marine and Inland Waters Administration			North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS) Paris MOU on Port State Control	
Fisheries control	Armed Forces of Malta Ministry of Rural Affairs and Environment	Ministry of Rural Affairs and Environment	Civil body	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum EUROSUR Vessel Monitoring System (VMS)	International Commission for the Conservation of Atlantic Tunas (ICCAT)

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation and ICF GHK data validation exercise (2013)

A1.13   Lithuania

Table A1.13   Mapping of coast guard authorities relevant cooperation structures by functionality: Lithuania

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Ministry of Transport and Communications -Lithuanian Maritime Safety Authority -Klaipeda State Seaport Authority	Ministry of Transport and Communications	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet North Atlantic Coast Guard Forum Automatic Identification System (AIS) Multilateral cross-border cooperation between Estonia, Lithuania, Latvia and Poland	EDA Blue Belt pilot project Integrated Maritime Data Environment (IMDatE) Vessel Monitoring System (VMS) Vessel Traffic Services (VTS) Short Range Identification and Tracking (SRIT) Shore-based Traffic Monitoring and Information Database (STMID) Long Range Identification and

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
					Tracking (LRIT) Paris MOU on Port State Control MSSIS (Maritime Safety and Security Information System)
Maritime security	-Ministry of Transport and Communications -Lithuanian Maritime Safety Authority -Klaipeda State Seaport Authority -Ministry of the Interior -Police Department -State Border Guard Service -Naval Force (Ministry of National Defence)	Ministry of Transport and Communications	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum North Atlantic Treaty Organisation (NATO) North Atlantic Coast Guard Forum Automatic Identification System (AIS) Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT) Baltic Sea Region Border Control Cooperation (BSRBCC) MSSIS (Maritime Safety and Security Information System)	EDA Shore-based Traffic Monitoring and Information Database (STMID)
Maritime customs activities	-Ministry of Finance -Customs Department	Customs Department	Civil bodies	Europol Multilateral cross-border cooperation between Denmark, Estonia, Finland, Lithuania, Latvia, Poland and Sweden	Blue Belt pilot project
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	-Ministry of the Interior -Police Department -State Border Guard Service	Ministry of the Interior	Civil body, Police	Europol Secure Information Exchange Network Application (SIENA) North Atlantic Coast Guard Forum Baltic Sea Region Border Control Cooperation (BSRBCC)	EU Coast Guard Functions Forum EDA
Maritime border control	-Ministry of the Interior -State Border Guard Service	State Border Guard Service (SBGS)	Civil body, Military	EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol North Atlantic Coast Guard Forum EUROSUR Baltic Sea Region Border Control Cooperation (BSRBCC) Multilateral cross-border cooperation between Germany, Estonia,	n/a

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Finland, Lithuania, Latvia and Sweden	
Maritime surveillance	-Naval Force (Ministry of National Defence) -Lithuanian Maritime Safety Authority -Ministry of the Interior -State Border Guard Service -Klaipeda State Seaport Authority	Naval Force (Ministry of National Defence)	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EDA Integrated Maritime Data Environment (IMDatE) EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [14] Marsuno - CLOSED in 2012 MARSUR (Maritime Surveillance) project	EU Coast Guard Functions Forum EU Satellite Centre European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum MSSIS (Maritime Safety and Security Information System)
Maritime environmental protection and response	-Ministry of Transport and Communications -Ministry of Environment -Lithuanian Maritime Safety Authority -Klaipeda Regional Environmental Protection Department -Klaipeda State Seaport Authority -State Border Guard Service -Naval Force (Ministry of National Defence) -Maritime and Aviation Rescue Centres*	N/A	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet North Atlantic Coast Guard Forum EUROSUR Helcom: The Helsinki Convention on the Protection of the Marine Environment of the Baltic Sea (1974 & 1992) Paris MOU on Port State Control	n/a
Search and rescue	-Naval Force (Ministry of National Defence) -Klaipeda State Seaport Authority -State Border Guard Service	Naval Force (Ministry of National Defence)	Civil bodies, Police, Military	Safeseanet North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS)	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC)

[14] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	-Ministry of Transport and Communications -Maritime and Aviation Rescue Centres*			Global Maritime Distress and Safety System (GMDSS) Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS) Multilateral cross-border cooperation between Germany, Estonia, Finland, Lithuania, Latvia and Sweden Multilateral cross-border cooperation between Lithuania, Latvia and Sweden	
Accident and disaster response	-Ministry of Transport and Communications -Lithuanian Maritime Safety Authority -Klaipeda State Seaport Authority -State Border Guard Service -Ministry of the Interior -Naval Force (Ministry of National Defence) -Maritime and Aviation Rescue Centres* -Klaipeda Regional Environmental Protection Department	Ministry of Transport and Communications	Civil bodies, Police, Military	Safeseanet Cleanseanet North Atlantic Coast Guard Forum Paris MOU on Port State Control Multilateral cross-border cooperation between Germany, Estonia, Finland, Lithuania, Latvia and Sweden Multilateral cross-border cooperation between Germany, Finland, Lithuania, Poland and Sweden	EU Satellite Centre DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Common Emergency Communication and Information System (CECIS)
Fisheries control	-Ministry of Agriculture -Fisheries Department	Ministry of Agriculture	Civil bodies	European Fisheries Control Agency (EFCA)	European Maritime Safety Organisation (EMSA) Vessel Monitoring System (VMS) International Commission for the Conservation of Atlantic Tunas (ICCAT)

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation, and ICF GHK data validation exercise (2013)

*Comprising the Lithuanian Maritime Safety Administration and the Civil Aviation Administration

A1.14   Malta

Table A1.14   Mapping of coast guard authorities relevant cooperation structures by functionality: Malta

Function	Bodies involved	LEad	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	Malta Maritime Authority Armed Forces of Malta	Malta Maritime Authority	Civil body, military body	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Blue Belt pilot project Cleanseanet Integrated Maritime Data Environment (IMDatE) Mediterranean Coast Guard Functions Forum Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Shore-based Traffic Monitoring and Information Database (STMID) Paris MOU on Port State Control Mediterranean MOU on Port State Control MSSIS (Maritime Safety and Security Information System)	EDA Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT)
Maritime security	-Malta Maritime Authority; -Armed Forces of Malta -Police (MT)	Malta Maritime Authority	Civil body, Military, Police	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Automatic Identification System (AIS) Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT) MSSIS (Maritime Safety and Security Information System)	EDA Shore-based Traffic Monitoring and Information Database (STMID)
Maritime customs activities	Ministry of Finance Customs Department Armed Forces of Malta	Customs Department	Civil bodies	EU Coast Guard Functions Forum Europol Blue Belt pilot project	n/a
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	Armed Forces of Malta Police	Police (MT)	Military body, Police	Europol Secure Information Exchange Network Application (SIENA) Centre de Coordination pour la Lutte Anti-drogue en Méditerranée (CeCLAD-M) WiMA²S (Wide maritime area airborne surveillance)	EU Coast Guard Functions Forum EDA

Function	Bodies involved	LEad	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime border control	Armed Forces of Malta; Police Customs Department	Police (MT)	Military body, civil body, Police	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol EUROSUR WiMA²S (Wide maritime area airborne surveillance)	AMASS (Autonomous Maritime Surveillance System) project
Maritime surveillance	Malta Maritime Authority Armed Forces of Malta Ministry of Rural Affairs and Environment	Armed Forces of Malta	Military body, civil body	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EDA EU Satellite Centre Integrated Maritime Data Environment (IMDatE) EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [15] AMASS (Autonomous Maritime Surveillance System) project WiMA²S (Wide maritime area airborne surveillance)	EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) MSSIS (Maritime Safety and Security Information System)
Maritime environmental protection and response	Malta Maritime Authority Armed Forces of Malta Ministry of Rural Affairs and Environment Oil Pollution Response Module (OPRM) Civil Protection Department	Malta Maritime Authority	Civil bodies, military bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet Mediterranean Coast Guard Functions Forum EUROSUR Rempec: The Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (1976 & 1989) Barcelona: Convention for the Protection of the	n/a

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[15] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	LEad	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Mediterranean Sea Against Pollution (1976 & 1995); including the Ramogepol Plan (1993) and the Lion Plan (2002) initiatives. Paris MOU on Port State Control Mediterranean MOU on Port State Control WiMA²S (Wide maritime area airborne surveillance)	
Search and rescue	Armed Forces of Malta	Armed Forces of Malta	Military, body	European External Action Service (EEAS) DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Mediterranean Coast Guard Functions Forum Common Emergency Communication and Information System (CECIS) Global Maritime Distress and Safety System (GMDSS) Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS)	n/a
Accident and disaster response	Malta Maritime Authority Armed Forces of Malta Oil Pollution Response Module (OPRM) Civil Protection Department	Malta Maritime Authority	Civil body, Military body	European External Action Service (EEAS) EU Satellite Centre DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Cleanseanet Common Emergency Communication and Information System (CECIS) Paris MOU on Port State Control Mediterranean MOU on Port State Control	n/a
Fisheries control	Armed Forces of Malta Ministry of Rural Affairs and Environment	Ministry of Rural Affairs and Environment	Civil bodies, military body	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) Mediterranean Coast Guard Functions Forum EUROSUR The General Fisheries Commission for the Mediterranean (GFCM) Vessel Monitoring System (VMS) International Commission for the Conservation of Atlantic Tunas (ICCAT)	n/a

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A1.15   The Netherlands

Table A1.15   Mapping of coast guard authorities relevant cooperation structures by functionality: The Netherlands

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	Transport, Public Works and Water Management North Sea department Shipping Inspectorate Coastguard	Transport, Public Works and Water Management	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Blue Belt pilot project Cleanseanet Integrated Maritime Data Environment (IMDatE) North Atlantic Coast Guard Forum Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Paris MOU on Port State Control Multilateral cross-border cooperation with DE, DK, IE and UK Bilateral cross-border cooperation with BE Bilateral cross-border cooperation with DE	EDA Short Range Identification and Tracking (SRIT) Shore-based Traffic Monitoring and Information Database (STMID) Long Range Identification and Tracking (LRIT) MSSIS (Maritime Safety and Security Information System)
Maritime security	Transport, Public Works and Water Management Shipping Inspectorate Coastguard Port Authorities Enforcement services	Transport, Public Works and Water Management	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum North Atlantic Treaty Organisation (NATO) North Atlantic Coast Guard Forum Automatic Identification System (AIS) Long Range Identification and Tracking (LRIT) Multilateral cross-border cooperation with BE and DE	EDA Short Range Identification and Tracking (SRIT) Shore-based Traffic Monitoring and Information Database (STMID) MSSIS (Maritime Safety and Security Information System) SUPPORT (Security UPgrade for PORTs)

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime customs activities	Finance Customs Administration Coastguard	Customs Authorities	Civil bodies	EU Coast Guard Functions Forum Europol Blue Belt pilot project	
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	Shipping Inspectorate Coastguard Port Authorities Finance Customs Administration Justice Public Prosecutor Enforcement services National Police Service Agency Royal Military Constabulary Fisheries Inspectorate	Justice	Civil bodies, Police, military body	Europol North Atlantic Coast Guard Forum	EU Coast Guard Functions Forum EDA Secure Information Exchange Network Application (SIENA) SeaBILLA (Sea Border Surveillance) Project Maritime Analysis and Operations Centre - Narcotics (MAOC (N))
Maritime border control	Coastguard Justice Public Prosecutor Enforcement services Royal Military Constabulary	Collaboration	Civil bodies, Military body	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol North Atlantic Coast Guard Forum EUROSUR Multilateral cross-border cooperation with DE and DK Bilateral cross-border cooperation with UK	SUPPORT (Security UPgrade for PORTs)
Maritime surveillance	Transport, Public Works and Water	Coastguard	Civil bodies, Police, military	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of	EU Coast Guard Functions Forum EDA

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	Management North Sea department Coastguard Customs Administration Justice Enforcement services National Police Service Agency Royal Military Constabulary Agriculture, Nature and Food Quality		body	Operational Cooperation at the External Borders of the Member States of the European Union) EU Satellite Centre Integrated Maritime Data Environment (IMDatE) EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [16] Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) MARSUR (Maritime Surveillance) project	European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum SeaBILLA (Sea Border Surveillance) Project Perseus (Protection of European BoRders and Seas through the IntElligent Use of Surveillance) MSSIS (Maritime Safety and Security Information System)
Maritime environmental protection and response	Transport, Public Works and Water Management North Sea department Shipping Inspectorate Coastguard Port Authorities	Transport, Public Works and Water Management	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet North Atlantic Coast Guard Forum EUROSUR Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Ospar: Commission for the Protection of the Marine Environment of the North-East Atlantic (1972 & 1992) Paris MOU on Port State Control	Multilateral cross-border cooperation with DE and DK

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[16] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Search and rescue	Transport, Public Works and Water Management North Sea department Coastguard Royal Netherlands Lifeboat Institution	Coastguard	Civil bodies	European External Action Service (EEAS) Safeseanet North Atlantic Coast Guard Forum Global Maritime Distress and Safety System (GMDSS) COSPAS-SARSAT Long Range Identification and Tracking (LRIT) Multilateral cross-border cooperation	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Common Emergency Communication and Information System (CECIS) Ship Security Alert System (SSAS)
Accident and disaster response	Transport, Public Works and Water Management North Sea department Coastguard Royal Netherlands Lifeboat Institution	Coastguard	Civil bodies	European External Action Service (EEAS) EU Satellite Centre Safeseanet Cleanseanet North Atlantic Coast Guard Forum Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Paris MOU on Port State Control Bilateral cross-border cooperation with DE	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Common Emergency Communication and Information System (CECIS)
Fisheries control	Coastguard Agriculture, Nature and Food Quality Fisheries Directorate Fisheries Inspectorate	Fisheries Inspectorate	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum EUROSUR Vessel Monitoring System (VMS) Bilateral cross-border cooperation with UK	International Commission for the Conservation of Atlantic Tunas (ICCAT)
Other*	Economic affairs; Housing, Spatial Planning and Environment; Foreign Affairs; Defence State Supervision of Mines; Nature Directorate; Water	Collaboration	Civil bodies, Military		

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	Inspectorate Hydrographic surveys; Mapping and monitoring; Research				

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation and ICF GHK data validation exercise (2013)

*Information additional to the 10 core coast guard functions as identified by the EU Coast Guard Functions Forum

A1.16   Poland

Table A1.16   Mapping of coast guard authorities relevant cooperation structures by functionality: Poland

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	Maritime Offices SAR (PL) Customs Authorities Border Guard Ministry of Foreign Affairs Ministry of National Defence Ministry of Environment Regional Fisheries Inspectors Ministry of Transport, Construction and Maritime Economy	Ministry of Transport, Construction and Maritime Economy	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet Integrated Maritime Data Environment (IMDatE) Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Paris MOU on Port State Control MSSIS (Maritime Safety and Security Information System) Multilateral cross-border cooperation with EE, LT and LV	EDA Blue Belt pilot project North Atlantic Coast Guard Forum Short Range Identification and Tracking (SRIT) Shore-based Traffic Monitoring and Information Database (STMID) Long Range Identification and Tracking (LRIT)
Maritime security	Maritime Offices	Ministry of Transport,	Civil bodies	European Maritime Safety Organisation (EMSA)	EDA

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	Border Guard Ministry of National Defence Ministry of Transport, Construction and Maritime Economy	Construction and Maritime Economy		EU Coast Guard Functions Forum North Atlantic Treaty Organisation (NATO) North Atlantic Coast Guard Forum Automatic Identification System (AIS) Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT) Baltic Sea Region Border Control Cooperation (BSRBCC) MSSIS (Maritime Safety and Security Information System) Multilateral cross-border cooperation with DK, SE and RU SUCBAS (Sea Surveillance Cooperation Baltic Sea)	Shore-based Traffic Monitoring and Information Database (STMID)
Maritime customs activities	Ministry of Finance Customs Authorities Border Guard	Customs Authorities	Civil bodies	EU Coast Guard Functions Forum Europol Blue Belt pilot project Bilateral cross-border cooperation with DE Multilateral cross-border cooperation with DK, EE, FI, LT, L and SE	n/a
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	Maritime Offices Ministry of Finance Customs Authorities Border Guard Ministry of Foreign Affairs Ministry of National Defence Ministry of Environment Regional Fisheries Inspectors Ministry of Transport, Construction and Maritime	Ministry of Transport, Construction and Maritime Economy	Civil bodies	Europol Secure Information Exchange Network Application (SIENA) North Atlantic Coast Guard Forum Centre de Coordination pour la Lutte Anti-drogue en Méditerranée (CeCLAD-M) Baltic Sea Region Border Control Cooperation (BSRBCC) WiMA²S (Wide maritime area airborne surveillance) SUCBAS (Sea Surveillance Cooperation Baltic Sea)	EU Coast Guard Functions Forum EDA

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	Economy				
Maritime border control	Ministry of Finance Customs Authorities Border Guard Ministry of National Defence Ministry of Environment Ministry Of Agriculture And Rural Development	Border Guard	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol North Atlantic Coast Guard Forum EUROSUR Baltic Sea Region Border Control Cooperation (BSRBCC) WiMA²S (Wide maritime area airborne surveillance)	AMASS (Autonomous Maritime Surveillance System) project
Maritime surveillance	Maritime Offices SAR (PL) Ministry of Finance Customs Authorities Border Guard Ministry of Foreign Affairs Ministry of National Defence Ministry of Environment Regional Fisheries Inspectors Ministry of Transport, Construction and Maritime Economy	Ministry of Transport, Construction and Maritime Economy	No information	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EDA EU Satellite Centre Integrated Maritime Data Environment (IMDatE) EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [17] Marsuno - CLOSED in 2012 Baltic Sea Maritime Functionalities project MARSUR (Maritime Surveillance) project	EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum MSSIS (Maritime Safety and Security Information System)

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[17] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				AMASS (Autonomous Maritime Surveillance System) project OPARUS (Open architecture for UAV-based surveillance system) WiMA²S (Wide maritime area airborne surveillance)	
Maritime environmental protection and response	Maritime Offices SAR (PL) Border Guard Ministry of National Defence Ministry of Environment Ministry of Transport, Construction and Maritime Economy	Ministry of Transport, Construction and Maritime Economy	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet North Atlantic Coast Guard Forum EUROSUR Helcom: The Helsinki Convention on the Protection of the Marine Environment of the Baltic Sea (1974 & 1992) Paris MOU on Port State Control WiMA²S (Wide maritime area airborne surveillance) Multilateral cross-border cooperation	n/a
Search and rescue	Maritime Offices SAR (PL) Border Guard Ministry of National Defence Ministry of Transport, Construction and Maritime Economy	Ministry of Transport, Construction and Maritime Economy	Civil body	European External Action Service (EEAS) DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS) Global Maritime Distress and Safety System (GMDSS) COSPAS-SARSAT Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS) Bilateral cross-border cooperation with DK	n/a
Accident and disaster response	Maritime Offices SAR (PL) Border Guard	Ministry of Transport, Construction and Maritime Economy	Civil bodies	European External Action Service (EEAS) EU Satellite Centre DG ECHO Civil Protection Mechanism: Monitoring	n/a

Mapping Annexes to the Final Report - Study on the feasibility of improved co-operation between bodies carrying out European Coast Guard functions

ICF INTERNATIONAL

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	Ministry of National Defence Ministry of Environment Ministry of Transport, Construction and Maritime Economy			and Information Centre (MIC) Safeseanet Cleanseanet North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS) Paris MOU on Port State Control Multilateral cross-border cooperation with DE, FI, LT, SE and RU	
Fisheries control	Border Guard Regional Fisheries Inspectors	Regional Fisheries Inspectors	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) EUROSUR Vessel Monitoring System (VMS) International Commission for the Conservation of Atlantic Tunas (ICCAT) Bilateral cross-border cooperation with DE Multilateral cross-border cooperation with DE, DK and SE	North Atlantic Coast Guard Forum

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation and ICF GHK data validation exercise (2013)

A1.17   Portugal

Table A1.17   Mapping of coast guard authorities relevant cooperation structures by functionality: Portugal

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Ministry of National Defence/National Maritime Authority	n/a	Civil bodies, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet	EDA Blue Belt pilot project North Atlantic Coast Guard Forum

Mapping Annexes to the Final Report - Study on the feasibility of improved
co-operation between bodies carrying out European Coast Guard functions

ICF
INTERNATIONAL

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	-Portuguese Navy -Portuguese Air Force -Ministry of Public Works, Transports and Communications -National Republican Guard -Ministry of Agriculture, Rural Development and Fisheries			Cleanseanet Integrated Maritime Data Environment (IMDatE) Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Paris MOU on Port State Control MSSIS (Maritime Safety and Security Information System)	Mediterranean Coast Guard Functions Forum Short Range Identification and Tracking (SRIT) Shore-based Traffic Monitoring and Information Database (STMID) Long Range Identification and Tracking (LRIT) Multilateral cross-border cooperation with ES and FR Multilateral cross-border cooperation ES, FR, IE and UK
Maritime security	-Ministry of National Defence/National Maritime Authority -Portuguese Navy -Portuguese Air Force -Ministry of Public Works, Transports and Communications -Ministry of Home Affairs -National Republican Guard -Aliens and Border Service -Ministry of Agriculture, Rural Development and Fisheries	n/a	Civil bodies, Military	European Maritime Safety Organisation (EMSA) North Atlantic Treaty Organisation (NATO) Automatic Identification System (AIS) Long Range Identification and Tracking (LRIT) MSSIS (Maritime Safety and Security Information System)	EU Coast Guard Functions Forum EDA North Atlantic Coast Guard Forum Short Range Identification and Tracking (SRIT) Shore-based Traffic Monitoring and Information Database (STMID)
Maritime customs activities	-Ministry of Justice/ Judiciary Police -Ministry of Finance/ Customs and Special Duties General Administration -Ministry of Home Affairs	Ministry of Finance/ Customs and Special Duties General Administration	Civil bodies, Police	EU Coast Guard Functions Forum Europol Blue Belt pilot project	n/a

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	-Fiscal Brigade				
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	-Ministry of National Defence/National Maritime Authority -Portuguese Navy -Portuguese Air Force -Ministry of Justice/ Judiciary Police -Ministry of Finance/ Customs and Special Duties General Administration -Ministry of Home Affairs -Fiscal Brigade -National Republican Guard -Aliens and Border Service -Ministry of Agriculture, Rural Development and Fisheries -System of Supervising and Fishing Activity Control	n/a	Civil bodies, Police, Military	Europol Maritime Analysis and Operations Centre - Narcotics (MAOC (N)) Multilateral cross-border cooperation between Spain, France and Portugal	EU Coast Guard Functions Forum EDA Secure Information Exchange Network Application (SIENA) SeaBILLA (Sea Border Surveillance) Project "Seahorse" Projects EFFISEC (EFFicient Integrated SECurity Checkpoints)
Maritime border control	-Aliens and Border Service -Portuguese Navy -Ministry of Finance/ Customs and Special Duties General Administration -Ministry of Home Affairs	Aliens and Border Service	Civil bodies, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol North Atlantic Coast Guard Forum EUROSUR "Seahorse" Projects	EFFISEC (EFFicient Integrated SECurity Checkpoints)

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Multilateral cross-border cooperation between Spain, France and Portugal	
Maritime surveillance	-Aliens and Border Service -Portuguese Navy -Portuguese Air Force -Ministry of Home Affairs -National Republican Guard -Ministry of National Defence/National Maritime Authority -Ministry of Agriculture, Rural Development and Fisheries	Aliens and Border Service	Civil bodies, Military	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EDA EU Satellite Centre EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [18] "Seahorse" Projects Perseus (Protection of European BoRders and Seas through the IntElligent Use of Surveillance) MARSUR (Maritime Surveillance) project	EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) Integrated Maritime Data Environment (IMDatE) North Atlantic Coast Guard Forum SeaBILLA (Sea Border Surveillance) Project MSSIS (Maritime Safety and Security Information System) EFFISEC (EFFicient Integrated SECurity Checkpoints)
Maritime environmental protection and response	-Ministry of National Defence/National Maritime Authority -Portuguese Navy -Portuguese Air Force -Ministry of Public Works, Transports and Communications -Ministry of Agriculture, Rural Development and Fisheries	Ministry of National Defence/ National Maritime Authority	Civil bodies, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet North Atlantic Coast Guard Forum Mediterranean Coast Guard Functions Forum EUROSUR Ospar: Commission for the Protection of the Marine Environment of the North-East Atlantic (1972 & 1992) Wetrep: The West European Tanker Reporting	n/a

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[18] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				System for the Western European Particularly Sensitive Sea Area (2004) Lisbon Agreement (involving France, Portugal and Spain, together with the EC and Morocco) for the protection of the coasts and waters of the North-East Atlantic against pollution. Paris MOU on Port State Control Multilateral cross-border cooperation between Spain, France and Portugal	
Search and rescue	-Ministry of National Defence/National Maritime Authority -Portuguese Navy -Portuguese Air Force - -Ministry of Home Affairs -Aliens and Border Service -Ministry of Agriculture, Rural Development and Fisheries	Portuguese Navy	Civil bodies, Military	Safeseanet North Atlantic Coast Guard Forum Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004) Global Maritime Distress and Safety System (GMDSS) Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS)	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Mediterranean Coast Guard Functions Forum Common Emergency Communication and Information System (CECIS) Multilateral cross-border cooperation with ES< FR, IE and UK
Accident and disaster response	-Ministry of National Defence/National Maritime Authority -Portuguese Navy -Portuguese Air Force -Ministry of Public Works, Transports and Communications -Ministry of Agriculture, Rural Development and Fisheries	n/a	Civil bodies, Military	EU Satellite Centre DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Cleanseanet North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS) Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004) Paris MOU on Port State Control Multilateral cross-border cooperation between Spain, France, Ireland, Portugal and UK	n/a

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Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Fisheries control	-Ministry of Agriculture, Rural Development and Fisheries -System of Supervision and Fishing Activity Control (SIFICAP) -Ministry of National Defence/National Maritime Authority -Ministry of Finance/ Customs and Special Duties General Administration -Portuguese Navy -Portuguese Air Force -Ministry of Home Affairs -Fiscal Brigade -National Republican Guard	Ministry of Agriculture, Rural Development and Fisheries	Civil bodies, Military	European Maritime Safety Organisation (EMSA) European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum Vessel Monitoring System (VMS) International Commission for the Conservation of Atlantic Tunas (ICCAT) Bilateral cross-border cooperation between Spain and Portugal	n/a

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation, and ICF GHK data validation exercise (2013)

A1.18   Romania

Table A1.18   Mapping of coast guard authorities relevant cooperation structures by functionality: Romania

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Ministry of Transport -Romanian Naval Authority -Maritime Ports Administrations of Costanta and Galati -Romanian Frontier Police - Ministry of Environment and Water Management - Maritime Rescue Coordination Centre	Romanian Naval Authority	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Blue Belt pilot project Cleanseanet Integrated Maritime Data Environment (IMDatE) Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Shore-based Traffic Monitoring and Information Database (STMID) Paris MOU on Port State Control Black Sea MOU on Port State Control MSSIS (Maritime Safety and Security Information System)	EDA Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT)
Maritime security	-Ministry of Transport -Romanian Naval Authority -Maritime Ports Administrations of Costanta and Galati - Romanian Frontier Police - Ministry of Interior and Administrative Control - Maritime Rescue Coordination Centre	Romanian Naval Authority	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum North Atlantic Treaty Organisation (NATO) Automatic Identification System (AIS) Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT) MSSIS (Maritime Safety and Security Information System)	EDA Shore-based Traffic Monitoring and Information Database (STMID)
Maritime customs activities	-Ministry of Economy and Finance/ Customs Authority - Romanian Frontier Police - Ministry of Interior and	Ministry of Economy and Finance/ Customs Authority	Civil bodies, Police	EU Coast Guard Functions Forum Europol Blue Belt pilot project	n/a

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	Administrative Control				
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	- Public (Prosecution) Ministry (High Court of Cassation and Justice) -Ministry of Transport -Romanian Naval Authority -Maritime Ports Administrations of Costanta and Galati - Ministry of Economy and Finance/ Customs Authority - Romanian Frontier Police - Ministry of Interior and Administrative Control - Ministry of Environment and Water Management - Maritime Rescue Coordination Centre -Inspectorate of Emergency -General Inspectorate for Immigration	Public (Prosecution) Ministry (High Court of Cassation and Justice)	Civil bodies, Police, Military	Europol Secure Information Exchange Network Application (SIENA) EFFISEC (EFFicient Integrated SECurity Checkpoints) Black Sea Border Coordination and Information Centre (BSCIC) BLACKSEAFOR Cooperation with Frontex Convention of the South-East European Law Enforcement Centre (SELEC) CCPI	EU Coast Guard Functions Forum EDA
Maritime border control	-Ministry of Interior and Administrative Control -Romanian Frontier Police -Romanian Naval Authority -Ministry of Economy and Finance/ Customs Authority	Romanian Frontier Police	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol EUROSUR EFFISEC (EFFicient Integrated SECurity Checkpoints) Black Sea Border Coordination and Information	n/a

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Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Centre (BSCIC) Black Sea Harmony	
Maritime surveillance	-Ministry of Interior and Administrative Control -Romanian Frontier Police -Romanian Naval Authority -Maritime Rescue Coordination Centre -General Inspectorate of Aviation	Romanian Frontier Police	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EDA EU Satellite Centre Integrated Maritime Data Environment (IMDatE) EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [19]	EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) MSSIS (Maritime Safety and Security Information System) EFFISEC (EFFicient Integrated SECurity Checkpoints)
Maritime environmental protection and response	-Ministry of Environment and Water Management (land-based pollution) -Romanian Naval Authority - Maritime Ports Administrations of Costanta and Galati -Romanian Frontier Police - Maritime Rescue Coordination Centre -Inspectorate of Emergency	Romanian Naval Authority	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet EUROSUR Paris MOU on Port State Control Black Sea MOU on Port State Control BLACKSEAFOR	n/a
Search and rescue	-Ministry of Transport -Romanian Naval Authority*	Romanian Naval Authority	Civil bodies, Police, Military	Safeseanet Common Emergency Communication and Information System (CECIS)	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC)

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[19] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	- Ministry of Interior and Administrative Control -Romanian Frontier Police - Inspectorate of Emergency			Global Maritime Distress and Safety System (GMDSS) Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS) BLACKSEAFOR	
Accident and disaster response	-Ministry of Interior and Administrative Control/ Inspectorate of Emergency -Ministry of Transport -Romanian Naval Authority - Maritime Ports Administrations of Costanta and Galati -Romanian Frontier Police - Maritime Rescue Coordination Centre	Romanian Naval Authority	Civil bodies, Police, Military	EU Satellite Centre Safeseanet Cleanseanet Common Emergency Communication and Information System (CECIS) Paris MOU on Port State Control Black Sea MOU on Port State Control	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC)
Fisheries control	- National Authority for Fishing and Aquaculture -Ministry of Interior and Administrative Control -Romanian Frontier Police -	National Authority for Fishing and Aquaculture	Civil bodies, Police	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) EUROSUR	The General Fisheries Commission for the Mediterranean (GFCM) Vessel Monitoring System (VMS) International Commission for the Conservation of Atlantic Tunas (ICCAT)

*Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation, and ICF GHK data validation exercise (2013)   *Under the coordination of the Maritime Rescue Coordination Centre*

A1.19   Slovenia

Table A1.19   Mapping of coast guard authorities relevant cooperation structures by functionality: Slovenia

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Ministry of Transport/ Slovenian Maritime Administration -Port State Control	Slovenian Maritime Administration	Civil bodies	European Maritime Safety Organisation (EMSA) Safeseanet Blue Belt pilot project Cleanseanet Integrated Maritime Data Environment (IMDatE) Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Shore-based Traffic Monitoring and Information Database (STMID) Paris MOU on Port State Control	EU Coast Guard Functions Forum EDA Mediterranean Coast Guard Functions Forum Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT) MSSIS (Maritime Safety and Security Information System)
Maritime security	-Ministry of Transport/ Slovenian Maritime Administration -Port State Control -Ministry of Interior -Slovenian Police	Slovenian Police	Civil bodies, Police	European Maritime Safety Organisation (EMSA) North Atlantic Treaty Organisation (NATO) Automatic Identification System (AIS) Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT) MSSIS (Maritime Safety and Security Information System) Bilateral cross-border cooperation between Italy and Slovenia	EU Coast Guard Functions Forum EDA Shore-based Traffic Monitoring and Information Database (STMID)
Maritime customs activities	-Ministry of Finance -Slovenian Customs Administration	Slovenian Customs Administration	Civil bodies	Europol Blue Belt pilot project	EU Coast Guard Functions Forum
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	-Slovenian Police -Slovenian Customs Administration -Navy -Slovenian Maritime Administration	Slovenian Police	Civil bodies, Police, Military	Europol Secure Information Exchange Network Application (SIENA) WiMA²S (Wide maritime area airborne surveillance)	EU Coast Guard Functions Forum EDA

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime border control	-Ministry of the Interior -Slovenian Police	Slovenian Police	Civil body, Police	Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol EUROSUR	EU Coast Guard Functions Forum WiMA²S (Wide maritime area airborne surveillance)
Maritime surveillance	-Slovenian Police	Slovenian Police	Police	Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [20]	EU Coast Guard Functions Forum EDA EU Satellite Centre European Fisheries Control Agency (EFCA) MSSIS (Maritime Safety and Security Information System) WiMA²S (Wide maritime area airborne surveillance)
Maritime environmental protection and response	-Ministry of Transport/ Slovenian Maritime Administration -Ministry of Defence/ Administration for Civil Protection and Disaster Relief -Ministry of the Environment and Spatial Planning -Environmental Agency -Port State Control -Slovenian Police	Environmental Agency	Civil bodies, Police	European Maritime Safety Organisation (EMSA) Safeseanet Cleanseanet EUROSUR Rempec: The Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (1976 & 1989) Barcelona: Convention for the Protection of the Mediterranean Sea Against Pollution (1976 & 1995); including the Ramogepol Plan (1993) and the Lion Plan (2002) initiatives. Paris MOU on Port State Control Bilateral cross-border cooperation between Italy and Slovenia	EU Coast Guard Functions Forum Mediterranean Coast Guard Functions Forum WiMA²S (Wide maritime area airborne surveillance)

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[20] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Search and rescue	-Ministry of Transport/ Slovenian Maritime Administration -Ministry of Defence/ Administration for Civil Protection and Disaster Relief -Slovenian Police -Slovenian Navy	Slovenian Maritime Administration	Civil bodies, Police, Military	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Common Emergency Communication and Information System (CECIS) Global Maritime Distress and Safety System (GMDSS) Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS) Bilateral cross-border cooperation between Italy and Slovenia	Mediterranean Coast Guard Functions Forum
Accident and disaster response	-Ministry of Defence/ Administration for Civil Protection and Disaster Relief -Port State Control -Ministry of the Environment and Spatial Planning/ Environmental Agency -Ministry of Transport/ Slovenian Maritime Administration	Administration for Civil Protection and Disaster Relief	Civil bodies	EU Satellite Centre DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Cleanseanet Common Emergency Communication and Information System (CECIS) Paris MOU on Port State Control	n/a
Fisheries control	-Ministry of Agriculture, Forestry and Food/ Inspectorate of the Republic of Slovenia for Agriculture, Forestry and Food -Ministry of the Interior/ Slovenian Police -Ministry of Transport/ Slovenian Maritime Administration	Inspectorate of the Republic of Slovenia for Agriculture, Forestry and Food	Civil bodies, Police	European Fisheries Control Agency (EFCA) The General Fisheries Commission for the Mediterranean (GFCM) Vessel Monitoring System (VMS)	EU Coast Guard Functions Forum Mediterranean Coast Guard Functions Forum EUROSUR International Commission for the Conservation of Atlantic Tunas (ICCAT)

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation, and ICF GHK data validation exercise (2013)

A1.20   Spain

Table A1.20   Mapping of coast guard authorities relevant cooperation structures by functionality: Spain

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Ministry of Infrastructure -Ministry of Defence -Spanish Maritime Safety Agency (SASEMAR)	Ministry of Infrastructure	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet North Atlantic Coast Guard Forum Mediterranean Coast Guard Functions Forum Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Shore-based Traffic Monitoring and Information Database (STMID) Multilateral cross-border cooperation between Spain, France and Portugal	EDA Blue Belt pilot project Cleanseanet Integrated Maritime Data Environment (IMDatE) Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT) Paris MOU on Port State Control Equasis Bilateral cross-border cooperation with FR Multilateral cross-border cooperation with FR, IE, PT and UK Bilateral cross-border cooperation with IE
Maritime security	-Ministry of Defence -Ministry of Interior -Ministry of Infrastructure -Spanish Maritime Safety Agency (SASEMAR)	Ministry of Defence	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum North Atlantic Treaty Organisation (NATO) North Atlantic Coast Guard Forum Automatic Identification System (AIS) MSSIS (Maritime Safety and Security Information System)	EDA Short Range Identification and Tracking (SRIT) Shore-based Traffic Monitoring and Information Database (STMID) Long Range Identification and Tracking (LRIT) SUPPORT (Security UPgrade for PORTs)
Maritime customs activities	-Ministry of Interior -Tax Agency	Tax Agency	Civil bodies	EU Coast Guard Functions Forum Europol	Blue Belt pilot project
Prevention and suppression of trafficking and smuggling and	-Ministry of Interior -Tax Agency -Ministry of Defence	Ministry of Interior	Civil bodies	Europol Secure Information Exchange Network Application (SIENA) North Atlantic Coast Guard Forum	EU Coast Guard Functions Forum EDA "Seahorse" Projects I2C (Integrated System for Interoperable

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
connected maritime law enforcement				SeaBILLA (Sea Border Surveillance) Project Maritime Analysis and Operations Centre - Narcotics (MAOC (N)) Centre de Coordination pour la Lutte Anti-drogue en Méditerranée (CeCLAD-M) EFFISEC (EFFicient Integrated SECurity Checkpoints) WiMA²S (Wide maritime area airborne surveillance) Multilateral cross-border cooperation between Spain, France and Portugal Multilateral cross-border cooperation between Spain, France and Italy	sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration project
Maritime border control	-Ministry of Interior -Ministry of Defence	Ministry of Interior	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol North Atlantic Coast Guard Forum "Seahorse" Projects Multilateral cross-border cooperation between Spain, France and Portugal Multilateral cross-border cooperation between Spain, France and Italy	EUROSUR I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration project AMASS (Autonomous Maritime Surveillance System) project EFFISEC (EFFicient Integrated SECurity Checkpoints) SUPPORT (Security UPgrade for PORTs) WiMA²S (Wide maritime area airborne surveillance)
Maritime surveillance	-Ministry of Defence -Ministry of Interior -Tax Agency -Ministry of Infrastructure -Spanish Maritime Safety Agency (SASEMAR) -Ministry of Agriculture, Fisheries and Food	Ministry of Defence	Civil bodies	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EDA EUROSUR Common Information Sharing Environment (CISE - currently being developed by European	EU Coast Guard Functions Forum EU Satellite Centre European Fisheries Control Agency (EFCA) Integrated Maritime Data Environment (IMDatE) North Atlantic Coast Guard Forum SeaBILLA (Sea Border Surveillance)

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Commission and EU/EEA MS) [21] "Seahorse" Projects MARSUR (Maritime Surveillance) project	Project Perseus (Protection of European BoRders and Seas through the IntElligent Use of Surveillance) MSSIS (Maritime Safety and Security Information System) I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration project AMASS (Autonomous Maritime Surveillance System) project EFFISEC (EFFicient Integrated SECurity Checkpoints) OPARUS (Open architecture for UAV-based surveillance system) WiMA²S (Wide maritime area airborne surveillance)
Maritime environmental protection and response	-Ministry of Infrastructure -Ministry of Interior -Ministry of Defence -Ministry of Environment - Spanish Maritime Safety Agency (SASEMAR)	Ministry of Infrastructure	Civil bodies	European Maritime Safety Organisation (EMSA) Safeseanet Cleanseanet North Atlantic Coast Guard Forum Mediterranean Coast Guard Functions Forum Ospar: Commission for the Protection of the Marine Environment of the North-East Atlantic (1972 & 1992) Rempec: The Regional Marine Pollution Emergency Response Centre for the	EUROSUR Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004) Paris MOU on Port State Control Equasis WiMA²S (Wide maritime area airborne surveillance) Bilateral cross-border cooperation with FR

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[21] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Mediterranean Sea (1976 & 1989) Barcelona: Convention for the Protection of the Mediterranean Sea Against Pollution (1976 & 1995); including the Ramogepol Plan (1993) and the Lion Plan (2002) initiatives. Lisbon Agreement (involving France, Portugal and Spain, together with the EC and Morocco) for the protection of the coasts and waters of the North-East Atlantic against pollution. Multilateral cross-border cooperation between Spain, France and Portugal Multilateral cross-border cooperation between Spain, France and Italy	
Search and rescue	-Ministry of Infrastructure -Ministry of Interior -Ministry of Defence -Spanish Maritime Safety Agency (SASEMAR)	Ministry of Infrastructure	Civil body	Safeseanet North Atlantic Coast Guard Forum Mediterranean Coast Guard Functions Forum Common Emergency Communication and Information System (CECIS) Global Maritime Distress and Safety System (GMDSS) COSPAS-SARSAT Multilateral cross-border cooperation between Spain, France, Ireland, Portugal and UK Multilateral cross-border cooperation between Spain, France and Italy	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004) Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS)
Accident and disaster response	-Ministry of Infrastructure -Ministry of Interior -Ministry of Defence -Ministry of Environment - Spanish Maritime Safety Agency (SASEMAR)	Ministry of Infrastructure	Civil bodies	EU Satellite Centre Safeseanet Cleanseanet Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004) Multilateral cross-border cooperation between Spain, France, Ireland, Portugal and UK Bilateral cross-border cooperation between Spain	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS) Paris MOU on Port State Control Equasis

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				and France	
Fisheries control	-Ministry of Agriculture, Fisheries and Food -Ministry of Interior -Coastal Autonomous Communities -Ministry of Defence -Ministry of Infrastructure	Ministry of Agriculture, Fisheries and Food	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum Mediterranean Coast Guard Functions Forum EUROSUR The General Fisheries Commission for the Mediterranean (GFCM) Vessel Monitoring System (VMS) Bilateral cross-border cooperation between Spain and France Bilateral cross-border cooperation between Spain and Portugal Bilateral cross-border cooperation between Spain and UK	International Commission for the Conservation of Atlantic Tunas (ICCAT)

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation, and ICF GHK data validation exercise (2013)

A1.21   Sweden

Table A1.21   Mapping of coast guard authorities relevant cooperation structures by functionality: Sweden

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Swedish Maritime Administration -Coast Guard	Swedish Maritime Administration	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet North Atlantic Coast Guard Forum Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Paris MOU on Port State Control MSSIS (Maritime Safety and Security Information System)	EDA Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT)
Maritime security	-Swedish Transport Agency -Coast Guard -Police -Armed forces	Police	Civil body, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum North Atlantic Coast Guard Forum Automatic Identification System (AIS) Long Range Identification and Tracking (LRIT) Baltic Sea Region Border Control Cooperation (BSRBCC) MSSIS (Maritime Safety and Security Information System)	EDA Shore-based Traffic Monitoring and Information Database (STMID)
Maritime customs activities	-Swedish Customs -Coast Guard	Swedish Customs	Civil bodies	EU Coast Guard Functions Forum Europol	n/a
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	-Ministry of Justice -Coast Guard -Police -Swedish Customs	Police	Civil bodies, Police	Europol Secure Information Exchange Network Application (SIENA) North Atlantic Coast Guard Forum Baltic Sea Region Border Control Cooperation (BSRBCC)	EU Coast Guard Functions Forum EDA
Maritime border control	-Police	Police	Civil bodies,	European Maritime Safety Organisation (EMSA)	n/a

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
	-Swedish Customs -Coast Guard		Police	EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol North Atlantic Coast Guard Forum Baltic Sea Region Border Control Cooperation (BSRBCC) Multilateral cross-border cooperation between Estonia, Finland and Sweden Multilateral cross-border cooperation between Germany, Estonia, Finland, Lithuania, Latvia and Sweden	
Maritime surveillance	-Swedish Maritime Administration -Coast Guard -Armed forces	Coast Guard	Civil bodies, Military	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EDA EU Satellite Centre Integrated Maritime Data Environment (IMDatE) Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [22] Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Baltic Sea Maritime Functionalities project MARSUR (Maritime Surveillance) project	EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum MSSIS (Maritime Safety and Security Information System) EFFISEC (EFFicient Integrated SECurity Checkpoints)

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Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime environmental protection and response	-Swedish Transport Agency -Coast Guard	Coast Guard	Civil bodies	n/a	n/a
Search and rescue	-Swedish Maritime Administration -Coast Guard -Police -Armed forces	Swedish Maritime Administration	Civil bodies, Police, Military	Safeseanet North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS) Global Maritime Distress and Safety System (GMDSS) Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS)	n/a
Accident and disaster response	-Ministry of Enterprise, Energy and Communications -Ministry of Defence -Swedish Civil Contingencies Agency -Swedish Maritime Administration -Coast Guard -Police -Armed forces -Ministry of Finance, -Swedish Customs -Ministry of Justice, -Environmental Protection Agency -Ministry of Agriculture -Swedish Board for Fisheries	N/A	Civil bodies	EU Satellite Centre DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Cleanseanet Common Emergency Communication and Information System (CECIS) Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Paris MOU on Port State Control	n/a
Fisheries control	-Swedish Board for Fisheries -Coast Guard	Swedish Board for Fisheries	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum	n/a

Function	Bodies involved	Lead Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
			Vessel Monitoring System (VMS)	

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation, and ICF GHK data validation exercise (2013)

A1.22   United Kingdom

Table A1.22   Mapping of coast guard authorities relevant cooperation structures by functionality: United Kingdom

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime safety, including vessel traffic management	-Maritime & Coastguard Agency, Department for Transport	Maritime & Coastguard Agency, Department for Transport	Civil body	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Blue Belt pilot project Cleanseanet Integrated Maritime Data Environment (IMDatE) North Atlantic Coast Guard Forum Vessel Monitoring System (VMS) Automatic Identification System (AIS) Vessel Traffic Services (VTS) Shore-based Traffic Monitoring and Information Database (STMID) Dover Strait Reporting System (CALDOVREP) Paris MOU on Port State Control Equasis MSSIS (Maritime Safety and Security Information System) Multilateral cross-border cooperation between Spain, France, Ireland, Portugal and UK Bilateral cross-border cooperation between Ireland and UK Multilateral cross-border cooperation between Germany, Denmark, France, UK and Norway Multilateral cross-border cooperation between Germany, Denmark, Ireland, Netherlands and UK	EDA Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT)
Maritime security	-Maritime & Coastguard Agency, Department for Transport -Police -UK Border Agency (UKBA) -Ministry of Defence -Royal Navy -National Maritime Information Centre (NMIC)	Maritime & Coastguard Agency, Department for Transport	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum North Atlantic Treaty Organisation (NATO) North Atlantic Coast Guard Forum Automatic Identification System (AIS) Short Range Identification and Tracking (SRIT) Long Range Identification and Tracking (LRIT)	EDA Shore-based Traffic Monitoring and Information Database (STMID)

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				MSSIS (Maritime Safety and Security Information System) SUPPORT (Security UPgrade for PORTs) Bilateral cross-border cooperation between Ireland and UK	
Maritime customs activities	-HM Customs -Home Office -UK Border Agency (UKBA)	HM Customs	Civil bodies	EU Coast Guard Functions Forum Europol Blue Belt pilot project Bilateral cross-border cooperation between France and UK	n/a
Prevention and suppression of trafficking and smuggling and connected maritime law enforcement	-Police -HM Customs -Home Office -Ministry of Justice -Maritime & Coastguard Agency, Department for Transport -UK Border Agency (UKBA) -Department for Environment, Food and Rural Affairs (Defra) -Sea Fisheries Inspectorate -Serious Organised Crime Agency (SOCA)	Police	Civil bodies, Police	Europol Secure Information Exchange Network Application (SIENA) North Atlantic Coast Guard Forum SeaBILLA (Sea Border Surveillance) Project Maritime Analysis and Operations Centre - Narcotics (MAOC (N)) Centre de Coordination pour la Lutte Anti-drogue en Méditerranée (CeCLAD-M) EFFISEC (EFFicient Integrated SECurity Checkpoints)	EU Coast Guard Functions Forum EDA
Maritime border control	-UK Border Agency (UKBA) -Police -Ministry of Defence -Royal Navy -Serious Organised Crime Agency (SOCA) -National Maritime Information Centre (NMIC)	UK Border Agency (UKBA)	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) Europol North Atlantic Coast Guard Forum EUROSUR EFFISEC (EFFicient Integrated SECurity Checkpoints) SUPPORT (Security UPgrade for PORTs) Bilateral cross-border cooperation between France and UK Bilateral cross-border cooperation between Ireland and UK Bilateral cross-border cooperation between Netherlands and UK	AMASS (Autonomous Maritime Surveillance System) project

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
Maritime surveillance	-UK Border Agency (UKBA) -HM Customs -Police -Maritime & Coastguard Agency, Department for Transport -Ministry of Defence -Royal Navy -Serious Organised Crime Agency (SOCA) -National Maritime Information Centre (NMIC)	UK Border Agency (UKBA)	Civil bodies, Police, Military	European Maritime Safety Organisation (EMSA) Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union) EDA EU Satellite Centre Integrated Maritime Data Environment (IMDatE) EUROSUR Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS) [23] Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) SeaBILLA (Sea Border Surveillance) Project MARSUR (Maritime Surveillance) project AMASS (Autonomous Maritime Surveillance System) project OPARUS (Open architecture for UAV-based surveillance system)	EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum MSSIS (Maritime Safety and Security Information System) EFFISEC (EFFicient Integrated SECurity Checkpoints)
Maritime environmental protection and response	-Maritime Coastguard Agency, Department for Transport -Department for Environment, Food and Rural Affairs (Defra)*	Maritime & Coastguard Agency, Department for Transport	Civil bodies	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum Safeseanet Cleanseanet North Atlantic Coast Guard Forum EUROSUR Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Ospar: Commission for the Protection of the Marine Environment of the North-East Atlantic (1972 & 1992) Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004) Paris MOU on Port State Control	Equasis

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[23] CISE is defined as by DG MARE as " a voluntary collaborative process in the European Union seeking to further enhance and promote relevant information sharing between authorities involved in maritime surveillance. It is not replacing or duplicating but building on existing information exchange and sharing systems and platforms… ". It was therefore decided to only categorise this under the maritime surveillance coast guard function but could in reality contribute to other CG functions.

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Bilateral cross-border cooperation between France and UK	
Search and rescue	-Maritime & Coastguard Agency, Department for Transport -Ministry of Defence -Royal Navy	Maritime & Coastguard Agency, Department for Transport	Civil bodies, Military	DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS) Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004) Global Maritime Distress and Safety System (GMDSS) COSPAS-SARSAT Long Range Identification and Tracking (LRIT) Ship Security Alert System (SSAS) Multilateral cross-border cooperation between Spain, France, Ireland, Portugal and UK Bilateral cross-border cooperation between France and UK Bilateral cross-border cooperation between Denmark and UK Multilateral cross-border cooperation between Belgium, Germany, Netherlands and UK Multilateral cross-border cooperation between France, Ireland and UK	n/a
Accident and disaster response	-Maritime & Coastguard Agency, Department for Transport -Police -Ministry of Defence -Royal Navy	Maritime & Coastguard Agency, Department for Transport	Civil bodies, Police, Military	EU Satellite Centre DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC) Safeseanet Cleanseanet North Atlantic Coast Guard Forum Common Emergency Communication and Information System (CECIS) Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983) Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004) Dover Strait Reporting System (CALDOVREP) Paris MOU on Port State Control Equasis	n/a

Function	Bodies involved	Lead	Status	Partnerships/ structures for cooperation/ coordination (validated by MS)	Partnerships/ structures for cooperation/ coordination (potential membership)
				Multilateral cross-border cooperation between Spain, France, Ireland, Portugal and UK	
Fisheries control	-Department for Environment, Food and Rural Affairs (Defra) -Royal Navy -Sea Fisheries Inspectorate -Welsh Assembly -Scottish Executive Government -Department for Agriculture and Rural Development (DARD) -Sea Fisheries Protection Agency -National Maritime Information Centre (NMIC) -Marine Management Organisation	Department for Environment, Food and Rural Affairs (Defra)	Civil bodies, Military	European Maritime Safety Organisation (EMSA) EU Coast Guard Functions Forum European Fisheries Control Agency (EFCA) North Atlantic Coast Guard Forum EUROSUR Vessel Monitoring System (VMS) International Commission for the Conservation of Atlantic Tunas (ICCAT) Bilateral cross-border cooperation between Spain and UK Bilateral cross-border cooperation between Netherlands and UK Multilateral cross-border cooperation between Belgium, France and UK Bilateral cross-border cooperation between Belgium and UK Bilateral cross-border cooperation between Denmark and UK Multilateral cross-border cooperation between Germany, Denmark, Sweden, UK and Norway	n/a

Source: ICF GHK based on EC (2007), Integrated Maritime Policy for the EU - Working documents on offshore activities of coastal EU Member States and cross-border cooperation, and ICF GHK data validation exercise (2013)

* In collaboration with other environmental regulators

Annex 2   EU institutions

The EU institutions of relevance to this assignment comprise four Directorates-General and five Decentralised Agencies. Their roles and responsibilities in ensuring cooperation and coordination are presented below.

- **DG MOVE** leads on EU maritime transport policy. This include: internal market policy for the provision of maritime transport services; international cooperation and coordination; maritime safety and environment; maritime security; ports management and development; short sea shipping policies; and employment and working policies. DG MOVE's key initiatives related to coordination of coast guard functions are:

    - The EU e-Maritime initiative which aims to promote interoperability of IT systems between Member States, ports and transport operators in order to stimulate coherent, transparent, efficient and simplified transport solutions;

    - The "Blue Belt" initiative, which aimed to create a European maritime transport space without barriers in which ships are able to operate freely with a minimum of administrative formalities, irrespective of their flag. The Blue Belt Pilot Project provides ship notification reports to customs authorities of all EU Member States with the aim of supporting customs by providing verified information about the voyages of vessels engaged in intra-EU trade. The notification reports are generated automatically by a specific module of the Community vessel monitoring system, SafeSeaNet (SSN), and delivered to the relevant customs authority two hours before a ships estimated arrival;

    - The "Motorways of the seas" initiative which aims to introduce new intermodal maritime-based logistics chains in Europe.

- **DG MARE** – is in charge of the implementation of the Common Fisheries Policy (CFP) and the Integrated Maritime Policy. The Integrated Maritime Policy seeks to provide a more coherent approach to maritime issues with increased coordination between different policy areas. It focuses on: "blue growth"; marine data and knowledge; maritime spatial planning; integrated maritime surveillance; and sea basin strategies. In 2012, the EU Member States and the Commission agreed on a new "Marine and Maritime Agenda for Growth and Jobs" and reaffirmed that a dynamic and coordinated approach to maritime affairs enhances the development of the EU's Blue Economy while ensuring the health of seas and oceans. The CFP lays down measures to achieve a thriving and sustainable European fishing industry. DG MARE is currently reviewing the CFP to make it more efficient in ensuring the economic viability of the European fleets, conserving fish stocks, integrating with the maritime policy and providing good quality food to consumers. The key elements of this reform include: the dissemination of the multi-annual ecosystem-based management; the banning of discards; the introduction of a new management system to make fisheries profitable; the support to small-scale fisheries; the development of sustainable aquaculture; the improvement of scientific knowledge; the clarification of the EU governance structure; the development of a new market policy; and the advocacy of EU positions at international level.

- **DG ECHO** – is in charge of the humanitarian aid and civil protection policy. DG ECHO plays a key role in terms of accident and disaster response through the Community Mechanism for Civil Protection established in 2001 to facilitate the co-operation in civil protection assistance interventions in the event of major emergencies which may require urgent response actions. The 27 EU Member States participate to the mechanism together with Iceland, Liechtenstein, Norway, Croatia and the FYROM. The mechanism consists of four different tools intended to facilitate both adequate preparedness as well as effective response to disasters at a community level:

    - The Monitoring and Information Centre (MIC) is the operational heart of the Mechanism. It gives countries access to a one-stop-shop of civil protection means available amongst the all the participating states;

– The Common Emergency and Information System (CECIS) is a reliable web-based alert and notification application created with the intention of facilitating emergency communication among the participating states;

– A training programme has also been set up with a view to improving the co-ordination of civil protection assistance interventions by ensuring compatibility and complementarity between the intervention teams from the participating state;

– Civil protection modules are made of national resources from one or more Member States on a voluntary basis.

Between January 2007 and December 2012 the mechanism has been five times in Europe for maritime emergencies.

■ **DG HOME** – is in charge of ensuring EU security, building a common EU migration and asylum policy and of the management of the external dimension and funding of the EU home affairs policy. Regarding coast guard functions coordination, DG HOME develops policies with an impact on maritime border control, maritime customs, maritime law enforcement and prevention of trafficking and smuggling and maritime security.

■ **EMSA – The European Maritime Safety Agency –** is one of the EU's decentralised agencies established by Regulation (EC) No 1406/2002 as a major source of support to the Commission and the Member States in the field of maritime safety and prevention of pollution from ships, and subsequent amendments have refined and enlarged its mandate. The Agency provides technical assistance and support to the European Commission and Member States in the development and implementation of EU legislation on maritime safety, pollution by ships and maritime security. It has also been given operational tasks in the field of oil pollution response, vessel monitoring and in long range identification and tracking of vessels.

To fulfil its role related to marine pollution preparedness, detection and response, EMSA has established a European network of stand-by oil spill response vessels as well as a European satellite oil spill monitoring and vessel detection service — CleanSeaNet.

Specifically, EMSA has built up a Network of Stand-by Oil Spill Response Vessels in order to 'top-up' pollution response capacities of the EU Member States. The EMSA Stand-by Oil Spill Response Vessels are commercial vessels which can be rapidly converted to oil pollution response activities. The contracted vessels have large recovered oil storage capacities and a choice of oil recovery systems (sweeping arms or boom & skimmer system).

EMSA's CleanSeaNet uses satellite images and vessels to monitor oil spills from ships. It helps to quantify oil spillage, in order to accurately and effectively introduce penalties for pollution offenses. The service offers all EU coastal Member States, Iceland, and Norway a near real time marine oil spill and vessel detection service. The service is based on analysed radar satellite imagery. The service assists coastal States in locating and identifying polluters in areas under their jurisdiction. In the case of a detected oil slick, an alert message is delivered to the operational contact point. The alert message can be transmitted via a phone call, an email, or an SMS, depending on which alert means the coastal State has defined. Roughly 2,000 images are ordered and analysed per year. The identity of an offending vessel can be found through correlating satellite data with vessel traffic reports from SafeSeaNet. This allows immediate action to be taken to stop the offense. The images are available to each coastal Member State. Additional information, including permanent vessel detection, oil drift modelling, optical images, and oceanographic and meteorological information are also available. Because the service is run through the European Commission, it is free of charge and it covers all European sea areas.

■ **EFCA – The European Fisheries Control Agency** – is a Decentralised Agency established in 2005 to organise operational coordination of fisheries control and inspection activities by the Member States and to assist them to cooperate so as to comply with the rules of the Common EU Fisheries Policy in order to ensure its effective and uniform application. The EFCA coordinates activities on land and in European Union and international waters, as appropriate. This is done through the joint deployment plans, the vehicle through which the EFCA organises the deployment of national human and material means of control and inspection pooled by Member States. The deployment of pooled national means is coordinated by the EFCA through coordination centres in

charge in a Member State or the presence of national coordinators is at EFCA premises. The Agency has been designed to act as a facilitator enhancing cooperation and ensuring that legislation is implemented in a systematic, uniform and effective way. The EFCA contributes to ensuring that the rules of the CFP are applied in a uniform way by monitoring national means, training national experts in line with Community guidelines established by the Commission, providing a communication platform for control, inspection and surveillance and facilitating the exchange of data and guaranteeing its reliability.

- **FRONTEX – The European Agency for the Management of Operational Cooperation at the External Borders** of the Member States of the European Union (FRONTEX) was established under Council Regulation (EC) No 2007/2004, now amended by Regulation (EU) No 1168/2011 of 25 October 2011. The Agency promotes, coordinates and develops European border management. It is a key instrument in applying the concept of Integrated Border Management. The 2011 Frontex Regulation mandates Frontex with the task "to provide the necessary assistance to the development and operation of a European border surveillance system, and (…) to the development of a common information sharing environment, including interoperability of systems." Frontex provides different services to the EU Member States: joint operations coordination, training, risk analysis, research, rapid response capability, assistance and information systems and information sharing environment. As an illustrative example, the EUROSUR system, conceived as a pan-European border surveillance system, aim to reduce the number of irregular migrants crossing the EU's external borders, to reduce the number of deaths of irregular migrants at sea and to increase the internal security of the EU.

- **EUROPOL – The European Police Office** – is a Decentralised Agency of the EU specialised in law enforcement. It handles crime related information and criminal intelligence and coordinate Joint Investigation Teams. EUROPOL's core objective is preventing and combating serious international organised crime and terrorism by matching and analysing information and supporting Member States' investigations.
EUROPOL activities mainly focus on the exchange of information and intelligence; collection, storage, processing and analysis of information and intelligence; Coordination and support of investigations; and knowledge sharing with specialised services in the Member States. The Agency is mainly involved in the following policy domains of relevance for the assignment: facilitated illegal immigration, smuggling of goods, organised crime groups and terrorism.

- **EDA – The European Defence Agency –** is a Decentralised Agency of the EU supporting the Council and the Member States in their effort to improve the European Union's defence capabilities. Set up in 2004, EDA is a Common Foreign and Security Policy body reporting to the Council of the European Union. Its primary role is to foster European defence cooperation. EDA is coordinating the MARSUR project on maritime surveillance since 2006. MARSUR's primary objective is to improve EU maritime awareness. Therefore the project aims at creating a network using existing naval and maritime information exchange systems. Overall goals are to avoid duplication of effort and the use of available technologies, data and information; to enhance cooperation in a simple, efficient and low-cost solution for civil-military cooperation; and to support safety and security. The MARSUR Networking Project has successfully highlighted the fundamental need to control the maritime domain information. This network enables the exchange of maritime surveillance information between participating maritime countries, connecting multiple national systems in real time, while there is no central EU component that collects, processes and distributes the information. Each country is responsible for correlating its own data with the data received from others. Concerning other coast guard functions coordination, EDA has a potential role to play regarding maritime security especially in terms of maritime assets management and the need for identification of civil-military synergies in that field.

The main cooperation agreements or memorandum of understanding between EU Decentralised Agencies performing coast guard functions or related activities are summarised in A1639623152..1639623204Table A2.1.

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Table A2.1   Main cooperation agreements or memorandum of understanding between EU Decentralised Agencies performing coast guard functions

	Frontex	CEPOL	EDA	EEAS	EFCA	EMSA	ESA	Europol	EUSC
Frontex	-	-	-	-	-	-	-	-	-
CEPOL	FX Contributes to CEPOL training activities	-	-	-	-	-	-	-	-
EDA	FX shares information when on the integration and interoperability of maritime surveillance systems and the use of Remotely Piloted Aircraft Systems		-	-	-	-	-	-	-
EEAS	Joint cooperation exists in the field of crisis management			-	-	-	-	-	-
EFCA	Cooperation aiming to assess the technical and operational possibilities of joint use of assets and for the collation of best practices in the acquisition of assets				-	-	-	-	-
EMSA	Regular exchange of information about respective projects and initiatives in the field of maritime surveillance and assess possibilities for cooperation in these and other European projects and initiatives					-	-	-	-
ESA	Framework of Global Monitoring Environment Security (GMES) for the use of information derived from satellite Earth observation for maritime border surveillance		Cooperation aims at exploring the added value and contribution of space assets to the development of European capabilities in the area of crisis management and the Common Security and Defence Policy			Data exchange for maritime safety	-	-	-
Europol	Agencies contribute to each other's projects, and in particular to each other's risk/threat assessments and also exchange media monitoring reports and products on a regular basis. Other activities involve selected joint operations and cooperation within the framework of the EU internal security committee (COSI)	Co-operation with e-learning courses and training						-	-
EUSC	Cooperation possibilities exist in the fields of surveillance, Earth observation and training in geographic information systems (GIS)		Develops EU intelligence capability and cooperate on training			Cooperation on security, training, & information exchange			-

Sources: Decentralised Agencies' websites

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Annex 3 Service profiles

This section presents a mapping of the collaborative arrangements currently in place in Europe **by function and activity**, using the ten coast guard functionalities identified by the European Coast Guard Functions Forum. **This mapping** has been refined in light of inputs obtained from stakeholders in the consultation phase of the study. It should be noted that these tables do not capture bilateral collaboration agreements between MS. The acronyms used are listed in A1639623152..1639623204Table A3.11.

A3.1   Maritime safety

Table A3.1   Collaborative mechanisms by activity in the area of maritime safety

Type of cooperation/coordination Area of collaboration	Structured EU wide/ regional/ multilateral cooperation	Ad hoc operational coordination	Permanent operational coordination	EU body
Data sharing	-NACGF -Paris MOU -Mediterranean Coast Guard Forum -CALDOVREP -GOFREP -Black Sea MOU -Mediterranean MOU - SUCBAS	-EMSA	-EMSA -Cleanseanet -VTS -VMS -STMID -MSSIS -Satellite AIS -Integrated Maritime Service (EMSA) -Equasis -Blue Belt Pilot Project (EMSA) -SUCBAS	-EMSA
Asset sharing		-EMSA	-EMSA	-EMSA
Personnel sharing			-EMSA	-EMSA
Capacity building	-ECGFF -NACGF -Mediterranean Coast Guard Forum		-EMSA	-EMSA
R&D	-ECGFF		-EMSA	-EMSA
Financial burden sharing procedures				
Joint operations		-EMSA	-EMSA	-EMSA

Source: ICF GHK The cells shaded grey are indicative of perceived gaps in functionality

A3.2 Maritime security

Table A3.2 Collaborative mechanisms by activity in the area of maritime security

Type of cooperation/coordination Area of collaboration	Structured EU wide/ regional/ multilateral cooperation	Ad hoc operational coordination	Permanent operational coordination	EU body
Data sharing	-ECGFF -NACGF -Mediterranean Coast Guard Function Forum -SUBCAS	-Europol JITs* -EMSA -EDA	-NATO -LRIT -MSSIS -AIS -SRIT -LRIT -BSRBCC -SUCBAS	
Asset sharing			-NATO	
Personnel sharing				
Capacity building	-ECGFF -NACGF -EU pilot project (SUPPORT)		-NATO -BSRBCC	EMSA
R&D	-ECGFF		-NATO	
Financial burden sharing procedures				
Joint operations		-Frontex joint operations -Europol JITs*	-NATO -BSRBCC	EMSA

*Source: ICF GHK   The cells shaded grey are indicative of perceived gaps in functionality   *Joint Investigation Teams*

A3.3 Maritime customs

Table A3.3   Collaborative mechanisms by activity in the area of maritime customs

Type of cooperation/coordination Area of collaboration	Structured EU wide/ regional/ multilateral cooperation	Ad hoc operational coordination	Permanent operational coordination	EU body
Data sharing		Blue Belt pilot project (EMSA)	-Europol -Blue Belt pilot project (EMSA)	
Asset sharing			-Europol	
Personnel sharing			-Europol	
Capacity building			-Europol	
R&D			-Europol	
Financial burden sharing procedures				
Joint operations			-Europol -OLAF -SELEC	

Source: ICF GHK   The cells shaded grey are indicative of perceived gaps in functionality

A3.4 Prevention and suppression of trafficking and smuggling and connected maritime law enforcement

Table A3.4 Collaborative mechanisms by activity in the area of prevention and suppression of trafficking and smuggling and connected maritime law enforcement

Type of cooperation/coordination Area of collaboration	Structured EU wide/ regional/ multilateral cooperation	Ad hoc operational coordination	Permanent operational coordination	EU body
Data sharing			-Europol -BSRBCC -SIENA -MAOC (N) -CeCLAD-M -BSCIC -OLAF -SELEC -SUCBAS	
Asset sharing			-MAOC (N) -CeCLAD-M -BLACKSEAFOR -OLAF	
Personnel sharing			-MAOC (N) -CeCLAD-M -BLACKSEAFOR -OLAF	
Capacity building			-Europol -BSRBCC -BLACKSEAFOR -OLAF -SeaBILLA (Sea Border Surveillance) Project	
R&D			-Europol	
Financial burden sharing procedures				
Joint operations			-Europol -BSRBCC -MAOC (N) -CeCLAD-M -BLACKSEAFOR -OLAF -SELEC	

*Source: ICF GHK   The cells shaded grey are indicative of perceived gaps in functionality   *Joint Investigation Teams*

A3.5   Maritime border control

Table A3.5   Collaborative mechanisms by activity in the area of maritime border control

Type of cooperation/coordination Area of collaboration	Structured EU wide/ regional/ multilateral cooperation	Ad hoc operational coordination	Permanent operational coordination	EU body
Data sharing	-ECGFF - NACGF -"Seahorse" Projects		-Frontex/ -EMSA- -Europol -EUROSUR -BSRBCC -BSCIC	-Frontex
Asset sharing		Frontex joint operations	-Europol	-Frontex
Personnel sharing		Frontex joint operations	-Europol	-Frontex
Capacity building	-ECGFF -NACGF -"Seahorse" Project - I2C pilot project -EFFISEC pilot project -SUPPORT pilot project -WiMA²S		-Frontex -EMSA -EUROSUR -BSRBCC	-Frontex
R&D	-ECGFF		-Frontex -Europol -EUROSUR	-Frontex
Financial burden sharing procedures				
Joint operations		Frontex joint operations	-Europol -BSRBCC -BSCF	-Frontex

Source: ICF GHK   The cells shaded grey are indicative of perceived gaps in functionality

A3.6   Maritime surveillance

Table A3.6   Collaborative mechanisms by activity in the area of maritime surveillance

Type of cooperation/coordination Area of collaboration	Structured EU wide/ regional/ multilateral cooperation	Ad hoc operational coordination	Permanent operational coordination	EU body
Data sharing	- ECGFF - Mediterranean Coast Guard Forum - NACGF - Bonn Agreement - "Seahorse" Projects -MARSUR project (Maritime Surveillance) - - Perseus, - Baltic Sea Maritime Functionalities Project - CISE		-EMSA -Frontex -EU Satellite Centre -EUROSUR -EDA	Frontex EMSA
Asset sharing				
Personnel sharing				
Capacity building	-Bonn Agreement -"Seahorse" Projects -AMASS project - -I2C -OPARUS, -Perseus, -SeaBIILLA project, -WiMA²S, -Baltic Sea Maritime Functionalities Project		-Frontex -EMSA -EDA -EU Satellite Centre -EUROSUR	Frontex EMSA
R&D	-Perseus project		-Frontex -EDA -EMSA -EU Satellite Centre -EUROSUR	Frontex EMSA
Financial burden sharing procedures				
Joint operations	-MARSUR project (Maritime Surveillance)		-Frontex -EMSA	Frontex EMSA

Source: ICF GHK   The cells shaded grey are indicative of perceived gaps in functionality

A3.7   Maritime environmental protection and response

Table A3.7   Collaborative mechanisms by activity in the area of maritime environmental protection and response

Type of cooperation/coordination Area of collaboration	Structured EU wide/ regional/ multilateral cooperation	Ad hoc operational coordination	Permanent operational coordination	EU body
Data sharing	-ECGFF -Mediterranean Coast Guard Forum -NACGF -Bonn Agreement -Helcom -Ospar -Rempec -Paris MOU -Black Sea MOU -Mediterranean MOU -Barcelona Convention -Lisbon Agreement -Copenhagen Agreement		-EMSA -Safeseanet -Cleanseanet -Wetrep -EUROSUR -SUCBAS	EMSA
Asset sharing	-BLACKSEAFOR -Copenhagen Agreement		-EMSA	EMSA
Personnel sharing	-BLACKSEAFOR -Copenhagen Agreement		-EMSA	EMSA
Capacity building	-ECGFF -Mediterranean Coast Guard Forum -NACGF -Bonn Agreement -Helcom -Barcelona Convention -Lisbon Agreement -Copenhagen Agreement - WiMA²S project		-EMSA -EUROSUR	EMSA
R&D	-ECGFF		-EMSA -EUROSUR	EMSA
Financial burden sharing procedures				
Joint operations	-BLACKSEAFOR -RAMOGE and PELAGOS agreements		-EMSA	EMSA

Source: ICF GHK   The cells shaded grey are indicative of perceived gaps in functionality

A3.8   Maritime search and rescue

Table A3.8   Collaborative mechanisms by activity in the area of maritime search and rescue

Type of cooperation/coordination Area of collaboration	Structured EU wide/ regional/ multilateral cooperation	Ad hoc operational coordination	Permanent operational coordination	EU body
Data sharing			-GMDSS -LRIT -COSPAS-SARSAT -Wetrep -Ship Security Alert System (SSAS) -CECIS -Safeseanet	
Asset sharing	-BLACKSEAFOR			
Personnel sharing	-BLACKSEAFOR			
Capacity building				
R&D				
Financial burden sharing procedures				
Joint operations	-BLACKSEAFOR			

Source: ICF GHK   The cells shaded grey are indicative of perceived gaps in functionality

A3.9 Maritime accident and disaster response

Table A3.9 Collaborative mechanisms by activity in the area of maritime accident and disaster response

Type of cooperation/coordination Area of collaboration	Structured EU wide/ regional/ multilateral cooperation	Ad hoc operational coordination	Permanent operational coordination	EU body
Data sharing	-ECGFF -NACGF -Mediterranean Coast Guard -Bonn Agreement -Paris MOU -Black Sea MOU -Mediterranean MOU -CALDOVREP -GOFREP	-EMSA-EFCA cooperation	-DG ECHO Civil Protection Mechanism: MIC -Safeseanet -Cleanseanet -CECIS -Wetrep -Equasis -LRIT	
Asset sharing			-DG ECHO Civil Protection Mechanism: MIC	
Personnel sharing			-DG ECHO Civil Protection Mechanism: MIC	
Capacity building	-Bonn Agreement -NACGF		-EU Satellite Centre	-EEAS
R&D				
Financial burden sharing procedures				
Joint operations		-DG ECHO Civil Protection Mechanism: MIC		

Source: ICF GHK   The cells shaded grey are indicative of perceived gaps in functionality

A3.10   Fisheries control

Table A3.10   Collaborative mechanisms by activity in the area of fisheries control

Type of cooperation/coordination	Structured EU wide/ regional/ multilateral cooperation	Ad hoc operational coordination	Permanent operational coordination	EU body
Data sharing	-ECGFF -NACGF -Mediterranean CG Forum -NASCO -NEAFC -GFCM -Scheveningen-Group	-EMSA	-EFCA -VMS -EUROSUR -ICCAT	-EFCA
Asset sharing				-EFCA
Personnel sharing				-EFCA
Capacity building	-ECGFF -NACGF -Mediterranean CG Forum -GFCM		-EUROSUR	-EFCA
R&D	-ECGFF -GFCM		-EUROSUR	-EFCA
Financial burden sharing procedures				-EFCA
Joint operations			-EFCA	-EFCA

Source: ICF GHK   The cells shaded grey are indicative of perceived gaps in functionality

A3.11   List of acronyms

Table A3.11   List of acronyms

Acronym	Explanation
AIS	Automatic Identification System
AMASS project	Autonomous Maritime Surveillance System project
BLACKSEA FOR	Black sea naval cooperation task group
BSCF	Black Sea Littoral States Border/ Coast Guard Cooperation Forum
BSCIC	Black Sea Border Coordination and Information Centre
BSRBCC	Baltic Sea Region Border Control Cooperation
CALDOVREP	Dover Strait Reporting System
CECIS	Common Emergency Communication and Information System
CeCLAD-M	Centre de Coordination pour la Lutte Anti-drogue en Méditerranée
CISE (currently being developed by European Commission and EU/EEA MS)	Common Information Sharing Environment
ECGFF	EU Coast Guard Functions Forum
EFCA	European Fisheries Control Agency
EDA	European Defence Agency
EEAS	European External Action Service
EFFISEC	EFFicient Integrated SECurity Checkpoints
EMSA	European Maritime Safety Authority
EUROSUR	European external border surveillance system
FRONTEX	European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union
GFCM	General Fisheries Commission for the Mediterranean
GMDSS	Global Maritime Distress and Safety System
GOFREP	Gulf of Finland Reporting System
I2C	Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat
ICCAT	International Commission for the Conservation of Atlantic Tunas
IMDatE	Integrated Maritime Data Environment
LRIT	Long Range Identification and Tracking
MAOC (N)	Maritime Analysis and Operations Centre - Narcotics
MIC	Monitoring and Information Centre
MOU	Memorandum of Understanding
MSSIS	Maritime Safety and Security Information System
NASCO	The North Atlantic Salmon Conservation Organization
NACGF	North Atlantic Coast Guard Forum
NATO	North Atlantic Treaty Organisation
NEAFC	The North East Atlantic Fisheries Commission
OLAF	European Anti-Fraud Office

Acronym	Explanation
NEAFC	The North East Atlantic Fisheries Commission
OPARUS	Open architecture for UAV-based surveillance system
SELEC	Convention of the Southeast European Law Enforcement Centre
STMID	Shore-based Traffic Monitoring and Information Database
SUCBAS	Sea Surveillance Cooperation Baltic Sea
SUPPORT	Security UPgrade for PORTs
VMS	Vessel Monitoring System
VTS	Vessel Traffic Services
WiMA²S	Wide maritime area airborne surveillance

Source: ICF GHK research

Annex 4 Initial mapping of existing collaborative agreements by level of operation[24]

A4.1 Maritime safety, including vessel traffic management

Table A4.1 Collaborations in maritime safety

Name of collaboration	Type	Objective of collaboration
International		
Automatic Identification System (AIS)	Permanent coordination	AIS transponders - designed to be capable of providing information about a ship to other ships and to coastal authorities automatically
Vessel Traffic Services (VTS)	Permanent coordination	"The official IMO definition is: a service implemented by a competent authority, designed to improve the safety and efficiency of vessel traffic and to protect the environment."
MSSIS (Maritime Safety and Security Information System)	Permanent coordination	"A freely-shared, unclassified, near real-time data collection and distribution network"
Vessel Monitoring System (VMS)	Permanent coordination	"A satellite-based monitoring system which at regular intervals provides data to the fisheries authorities on the location, course and speed of vessels"
European Union/ Regional (i.e. EU and other countries)		
EMSA	Ad hoc coordination; Permanent coordination; EU body	"EMSA's mission is to reduce the risk of maritime accidents, marine pollution from ships and the loss of human life at sea."
EU Coast Guard Functions Forum	Structured EU wide/ regional/ multilateral cooperation	"The development of inter-agency cooperation, coordination and multifunctional performance for the joint approach to the future challenges in the fields of border control, maritime safety and security, maritime customs activities, fisheries control and marine environment protection and general law enforcement"
Safeseanet	Permanent coordination	To promote "rapid and efficient exchange of maritime information, so helping to keep Europe's seas clean and safe"
Cleanseanet	Permanent coordination	"The Near Real Time European satellite based oil sea monitoring and vessel detection service"
Integrated Maritime Data Environment (IMDatE)	Permanent coordination	Provision of additional information functionalities to maritime authorities of member countries
Shore-based Traffic Monitoring and Information Database (STMID)	Permanent coordination	"An initiative to collect at a central level descriptive information on the shore-based vessel monitoring and reporting infrastructure from the MS"
Paris MOU on Port State Control	Structured EU wide/ regional/ multilateral cooperation	Memorandum of understanding on ship safety/ PSC
Blue Belt Pilot Project	Ad hoc coordination**	Reduction of administrative burdens on intra-EU trade
Multilateral		
North Atlantic Coast Guard Forum	Structured EU wide/ regional/ multilateral cooperation	To "increase cooperation amongst member countries on matters related to maritime safety and security in the region"
Mediterranean Coast Guard Functions Forum	Structured EU wide/ regional/ multilateral cooperation	"A forum for the adequate level of discussion, exchanging information on juridical, technical and operational experiences within the framework of current international law,

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[24] The entries in quotation marks in the tables in this section are extracted from the websites of the relevant organisations.

Name of collaboration	Type	Objective of collaboration
		and in close relationship with existing international and regional organizations specialized on maritime matters, in order to build working relationships and networks among concerned services"
Gulf of Finland Reporting System (GOFREP)	Structured EU wide/ regional/ multilateral cooperation	Mandatory ship reporting system focused on the Gulf of Finland
Dover Strait Reporting System (CALDOVREP)	Structured EU wide/ regional/ multilateral cooperation	Mandatory ship reporting system focused on the Dover Strait
Black Sea MOU on Port State Control	Structured EU wide/ regional/ multilateral cooperation	Memorandum of understanding on ship safety/ PSC
Mediterranean MOU on Port State Control	Structured EU wide/ regional/ multilateral cooperation	Memorandum of understanding on ship safety/ PSC
Equasis	Permanent coordination	An information portal "aimed at reducing substandard shipping, and it should be limited to safety-related information on ships"
SUCBAS (Sea Surveillance Cooperation Baltic Sea)	Structured EU wide/ regional/ multilateral cooperation	to "enhance Maritime Situational Awareness benefiting maritime safety, security, environmental and law enforcement activities in the region by sharing relevant maritime data, information and knowledge between the participants".
Additional collaboration arrangements*	No information	No information
Bilateral*		
	No information	No information

Collaboration between selected Member States in the area of maritime safety (e.g. ES-FR-PT, EE-LT-LV-PL, BE-NL, DE-DK)

**Permanent coordination from 2014 onwards*

In addition the following collaboration structures have been identified as having a potential role in maritime safety:

Name of collaboration	Type	Objective of collaboration
International		
Long Range Identification and Tracking (LRIT)	Permanent coordination	"A messaging system for security and SAR purposes that is regulated by IMO through an amendment of SOLAS Chapter V (V/19-1)"
European Union/ Regional (i.e. EU and other countries)		
Short Range Identification and Tracking (SRIT)	Permanent coordination	"A system to collect AIS data at a central EU level in real time from regional AIS hubs"
EDA	Permanent coordination	Mission: "to support the Council and the Member States in their effort to improve the European Union's defence capabilities for the Common Security and Defence Policy (CSDP)"

A4.2   Maritime security

Table A4.2   Collaborations in maritime security

Name of collaboration	Type	Objective of collaboration
International		
Long Range Identification and Tracking (LRIT)	Permanent coordination	"A messaging system for security and SAR purposes that is regulated by IMO through an amendment of SOLAS Chapter V (V/19-1)"
MSSIS (Maritime Safety and Security Information System)	Permanent coordination	"A freely-shared, unclassified, near real-time data collection and distribution network"
Automatic Identification System (AIS)	Permanent coordination	AIS transponders - designed to be capable of providing information about a ship to other ships and to coastal authorities automatically
European Union/ Regional (i.e. EU and other countries)		
EMSA	Permanent coordination/ Ad hoc coordination	"EMSA's mission is to reduce the risk of maritime accidents, marine pollution from ships and the loss of human life at sea."
Short Range Identification and Tracking (SRIT)	Permanent coordination	"A system to collect AIS data at a central EU level in real time from regional AIS hubs"
EU Coast Guard Functions Forum	Structured EU wide/ regional/ multilateral cooperation	"The development of inter-agency cooperation, coordination and multifunctional performance for the joint approach to the future challenges in the fields of border control, maritime safety and security, maritime customs activities, fisheries control and marine environment protection and general law enforcement"
North Atlantic Treaty Organisation (NATO)	Permanent coordination	Safeguarding freedom and security of member countries through political and military means
Multilateral		
North Atlantic Coast Guard Forum	Structured EU wide/ regional/ multilateral cooperation	To "increase cooperation amongst member countries on matters related to maritime safety and security in the region"
SUPPORT (Security UPgrade for PORTs) pilot project	Structured EU wide/ regional/ multilateral cooperation	"To support the principal stakeholder groups involved in the security of European main sea and/ or inland ports to build distributed cooperative security systems"
SUCBAS (Sea Surveillance Cooperation Baltic Sea)	Structured EU wide/ regional/ multilateral cooperation	to "enhance Maritime Situational Awareness benefiting maritime safety, security, environmental and law enforcement activities in the region by sharing relevant maritime data, information and knowledge between the participants".
Baltic Sea Region Border Control Cooperation (BSRBCC)	Permanent coordination	"A partnership between the countries of the Baltic Sea, Norway and Iceland, which aims to simplify procedures for cooperation in border control between the countries"
Additional collaboration arrangements*	No information	No information
Bilateral*		
	No information	No information

Collaboration between selected Member States in the area of maritime security (e.g. DK-PL-SE, BE-DE-NL, IT-SI, IE-UK)

In addition the following collaboration structures have been identified as having a potential role in maritime security:

Name of collaboration	Type	Objective of collaboration

Name of collaboration	Type	Objective of collaboration
European Union/ Regional (i.e. EU and other countries)		
Shore-based Traffic Monitoring and Information Database (STMID)	Permanent coordination	"An initiative to collect at a central level descriptive information on the shore-based vessel monitoring and reporting infrastructure from the MS"
EDA	Permanent coordination	Mission: "to support the Council and the Member States in their effort to improve the European Union's defence capabilities for the Common Security and Defence Policy (CSDP)"

A4.3   Maritime customs

Table A4.3   Collaborations in maritime customs

Name of collaboration	Type	Objective of collaboration
International		
n/a	n/a	n/a
European Union/ Regional (i.e. EU and other countries)		
Europol	Permanent coordination	EU law enforcement agency
European Anti-Fraud Office (OLAF)	Permanent coordination	EU anti-fraud agency with a mandate of protecting EU financial interests and promoting anti-fraud legislation and policies in the EU
Blue Belt pilot project	Ad hoc coordination**	Reduction of administrative burdens on intra-EU trade
Multilateral		
Convention of the Southeast European Law Enforcement Center (SELEC)	Permanent coordination	Aims to "provide support for Member States and enhance coordination in preventing and combating crime, including serious and organized crime, where such crime involves or appears to involve an element of trans-border activity"
Collaboration between DK, EE, FI, LT, LV, PL, SE	No information	No information
Bilateral*		
	No information	No information

Collaboration between selected Member States in the area of maritime customs (e.g. DE-PL, FR-UK)

**Permanent coordination from 2014 onwards*

A4.4   Prevention and suppression of trafficking and smuggling and connected maritime law enforcement

Table A4.4   Collaborations in maritime law enforcement

Name of collaboration	Type	Objective of collaboration
International		
n/a	n/a	n/a
European Union/ Regional (i.e. EU and other countries)		
Europol	Permanent coordination/ Ad hoc coordination (JITs)	EU law enforcement agency
European Anti-Fraud Office (OLAF)	Permanent coordination	EU anti-fraud agency with a mandate of protecting EU financial interests and promoting anti-fraud legislation and policies in the EU
Secure Information Exchange Network Application (SIENA)	Permanent coordination	A "state-of-the-art tool designed to enable swift, secure and user-friendly communication and exchange of operational and strategic crime-related information and intelligence between Europol, Member States and third parties that have cooperation agreements with Europol"
Baltic Sea Region Border Control Cooperation (BSRBCC)	Permanent coordination	"A partnership between the countries of the Baltic Sea, Norway and Iceland, which aims to simplify procedures for cooperation in border control between the countries"
Black Sea Border Coordination and Information Centre (BSCIC)	Permanent coordination	Online information sharing between coastguard authorities of countries in the Black Sea region on border control and maritime law enforcement
Multilateral		
Convention of the Southeast European Law Enforcement Center (SELEC)	Permanent coordination	Aims to "provide support for Member States and enhance coordination in preventing and combating crime, including serious and organized crime, where such crime involves or appears to involve an element of trans-border activity"
SeaBILLA (Sea Border Surveillance) Project	Permanent coordination	Main aim: "to identify key issues to improve interoperability and reduce the information gap arising from heterogeneous surveillance systems, legislations, mandates and modes of operation"
Maritime Analysis and Operations Centre - Narcotics (MAOC (N))	Permanent coordination	"A forum for multi-lateral cooperation to suppress illicit drug trafficking by sea and air"
Centre de Coordination pour la Lutte Anti-drogue en Méditerranée (CeCLAD-M)	Permanent coordination	A forum for multi-lateral cooperation to suppress illicit drug trafficking
BLACKSEAFOR	Permanent coordination	Strengthening of regional stability, friendship, good relationship and mutual understanding among the Black Sea littoral states by promoting cooperation in terms of prevention of marine pollution, search and rescue and maritime safety operations
North Atlantic Coast Guard Forum	Structured EU wide/ regional/ multilateral cooperation	To "increase cooperation amongst member countries on matters related to maritime safety and security in the region"
SUCBAS (Sea Surveillance Cooperation Baltic Sea)	Structured EU wide/ regional/ multilateral cooperation	to "enhance Maritime Situational Awareness benefiting maritime safety, security, environmental and law enforcement activities in the region by sharing relevant maritime data, information and knowledge between the participants".
EFFISEC (EFFicient Integrated SECurity Checkpoints) pilot project	Structured EU wide/ regional/ multilateral cooperation	"Aims to deliver to border authorities more efficient technological equipment that provides higher security level of identity and luggage control of pedestrians and passengers

Name of collaboration	Type	Objective of collaboration
		inside vehicles, at land and maritime checkpoints"
WiMA²S (Wide maritime area airborne surveillance) pilot project	Structured EU wide/ regional/ multilateral cooperation	"Aims in particular at developing key technologies to prepare the future for the operational use of Unmanned Air Vehicles (UAVs) and innovative mission aircraft"
Additional collaboration arrangements*	No information	No information
Bilateral*		
	No information	No information

Collaboration between selected Member States in the area of prevention and suppression of trafficking and smuggling and connected maritime law enforcement (e.g. ES-FR-PT, ES-FR-IT, CY-EL, EL-IT)

In addition the following collaboration structures have been identified as having a potential role in maritime law enforcement:

Name of collaboration	Type	Objective of collaboration
European Union/ Regional (i.e. EU and other countries)		
EU Coast Guard Functions Forum	Structured EU wide/ regional/ multilateral cooperation	"The development of inter-agency cooperation, coordination and multifunctional performance for the joint approach to the future challenges in the fields of border control, maritime safety and security, maritime customs activities, fisheries control and marine environment protection and general law enforcement"
EDA	Permanent coordination	Mission: "to support the Council and the Member States in their effort to improve the European Union's defence capabilities for the Common Security and Defence Policy (CSDP)"
Multilateral		
"Seahorse" Projects	Structured EU wide/ regional/ multilateral cooperation	A project aimed at checking illegal immigration from African countries into the EU
I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration pilot project	Structured EU wide/ regional/ multilateral cooperation	Proposes "a new generation of innovative sea border surveillance end to end systems integrating key existing and in development capacities to track all vessel movements and activities to early identify and report on EUROSUR threats... associated with detected abnormal vessel behaviour"

A4.5   Maritime border control

Table A4.5   Collaborations in maritime border control

Name of collaboration	Type	Objective of collaboration
International		
n/a	n/a	n/a
European Union/ Regional (i.e. EU and other countries)		
EU Coast Guard Functions Forum	Structured EU wide/ regional/ multilateral cooperation	"The development of inter-agency cooperation, coordination and multifunctional performance for the joint approach to the future challenges in the fields of border control, maritime safety and security, maritime customs activities, fisheries control and marine environment protection and general law enforcement"
Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union)	Permanent coordination/ Ad hoc coordination (joint operations)	EU border management and control
EMSA	Permanent coordination	"EMSA's mission is to reduce the risk of maritime accidents, marine pollution from ships and the loss of human life at sea."
EUROSUR	Permanent coordination	European border surveillance system "designed to support the Member States in their efforts to reduce the number of irregular migrants entering the European Union by improving their situational awareness at their external borders and increasing the reaction capability of their information and border control authorities"
Europol	Permanent coordination	EU law enforcement agency
Baltic Sea Region Border Control Cooperation (BSRBCC)	Permanent coordination	"A partnership between the countries of the Baltic Sea, Norway and Iceland, which aims to simplify procedures for cooperation in border control between the countries"
Black Sea Border Coordination and Information Centre (BSCIC)	Permanent coordination	Online information sharing between coastguard authorities of countries in the Black Sea region on border control and maritime law enforcement
Multilateral		
Black Sea Littoral States Border/ Coast Guard Cooperation Forum (BSCF)	Permanent coordination	"The BSCF shall be a form of the Black Sea littoral states Border / Coast Guard agencies cooperation and is aimed at making meetings, negotiations, possible sharing experience, ideas and major principles of cooperation development."
"Seahorse" Projects	Structured EU wide/ regional/ multilateral cooperation	A project aimed at checking illegal immigration from African countries into the EU
I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration pilot project	Structured EU wide/ regional/ multilateral cooperation	Proposes "a new generation of innovative sea border surveillance end to end systems integrating key existing and in development capacities to track all vessel movements and activities to early identify and report on EUROSUR threats... associated with detected abnormal vessel behaviour"
EFFISEC (EFFicient Integrated SECurity Checkpoints) pilot project	Structured EU wide/ regional/ multilateral cooperation	"Aims to deliver to border authorities more efficient technological equipment that provides higher security level of identity and luggage control of pedestrians and passengers inside vehicles, at land and maritime checkpoints"
North Atlantic Coast Guard	Structured EU wide/ regional/	To "increase cooperation amongst member countries on

Name of collaboration	Type	Objective of collaboration
Forum	multilateral cooperation	matters related to maritime safety and security in the region"
WiMA²S (Wide maritime area airborne surveillance) pilot project	Structured EU wide/ regional/ multilateral cooperation	"Aims in particular at developing key technologies to prepare the future for the operational use of Unmanned Air Vehicles (UAVs) and innovative mission aircraft"
Additional collaboration arrangements*	No information	No information
Bilateral*		
	No information	No information

Collaboration between selected Member States in the area of maritime border control (e.g. ES-FR-PT, EE-FI-SE, CY-EL, EL-IT)

In addition the following collaboration structures have been identified as having a potential role in maritime border control

Name of collaboration	Type	Objective of collaboration
Multilateral		
AMASS (Autonomous Maritime Surveillance System) pilot project	Structured EU wide/ regional/ multilateral cooperation	To "form an array of autonomous, automated surveillance platforms with active and passive sensors"

A4.6   Maritime surveillance

Table A4.6   Collaborations in maritime surveillance

Name of collaboration	Type	Objective of collaboration
International		
n/a	n/a	n/a
European Union/ Regional (i.e. EU and other countries)		
EMSA	Permanent coordination	"EMSA's mission is to reduce the risk of maritime accidents, marine pollution from ships and the loss of human life at sea."
Frontex (European Agency for the Management of Operational Cooperation at the External Borders of the Member States of the European Union)	Permanent coordination	EU border management and control
EDA	Permanent coordination	Mission: "to support the Council and the Member States in their effort to improve the European Union's defence capabilities for the Common Security and Defence Policy (CSDP)"
EU Satellite Centre	Permanent coordination	To "support the decision-making of the European Union in the field of the Common Foreign and Security Policy (CFSP), in particular of the Common Security and Defence Policy (CSDP), including European Union crisis management operations, by providing, as appropriate, products resulting from the analysis of satellite imagery and collateral data, including aerial imagery, and related services"
Integrated Maritime Data Environment (IMDatE)	Ad hoc coordination	Provision of additional information functionalities to maritime authorities of member countries
EUROSUR	Permanent coordination	European border surveillance system "designed to support the Member States in their efforts to reduce the number of irregular migrants entering the European Union by improving their situational awareness at their external borders and increasing the reaction capability of their information and border control authorities"
Common Information Sharing Environment (CISE - currently being developed by European Commission and EU/EEA MS)	Permanent coordination	CISE (currently being developed by European Commission and EU/EEA MS) "will integrate existing surveillance systems and networks and give all concerned authorities access to the information they need for their missions at sea"
Multilateral		
Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983)	Structured EU wide/ regional/ multilateral cooperation	"To provide active cooperation and mutual assistance among coastal States in combating pollution of the North Sea by oil and other harmful substances in order to protect the marine environment and the interests of coastal States; to carry out surveillance as an aid to detecting and combating pollution and to prevent violations of anti-pollution regulations. The Agreement provides for exchange of information and cooperation at sea through the supply, at short notice, of the necessary labour, material and scientific advice in the event of the discharge of such substances in the North Sea"
	Structured EU wide/ regional/ multilateral cooperation	"The first European maritime surveillance pilot project, whose objective is to catalyse and foster cooperation in maritime information sharing between 37 State partners from 6 Member States (MS) bordering the Mediterranean Sea and Atlantic approaches"
Marsuno – CLOSED in 2012	Structured EU wide/ regional/	A "step towards achieving the aims to render existing

Name of collaboration	Type	Objective of collaboration
	multilateral cooperation	monitoring and tracking systems more interoperable between at least three coastal Member States to the Northern European Sea basins"
Baltic Sea Maritime Functionalities project	Structured EU wide/ regional/ multilateral cooperation	A project that is "aimed at development of maritime actors by defining cooperation, conceptualizing maritime functions and creating target statuses in relation to them, and also to demonstrate these functions in the context of the Baltic Sea"
SeaBILLA (Sea Border Surveillance) Project	Structured EU wide/ regional/ multilateral cooperation	Main aim: "to identify key issues to improve interoperability and reduce the information gap arising from heterogeneous surveillance systems, legislations, mandates and modes of operation"
"Seahorse" Projects	Structured EU wide/ regional/ multilateral cooperation	A project aimed at checking illegal immigration from African countries into the EU
Perseus (Protection of European BoRders and Seas through the IntElligent Use of Surveillance) pilot project	Structured EU wide/ regional/ multilateral cooperation	A demonstration project aiming "to build and demonstrate an EU maritime surveillance system integrating existing national and communitarian installations and enhancing them with innovative technologies"
MARSUR (Maritime Surveillance) project	Structured EU wide/ regional/ multilateral cooperation	To "create a network using existing naval and maritime information exchange systems"
I2C (Integrated System for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat) integration pilot project	Structured EU wide/ regional/ multilateral cooperation	Proposes "a new generation of innovative sea border surveillance end to end systems integrating key existing and in development capacities to track all vessel movements and activities to early identify and report on EUROSUR threats... associated with detected abnormal vessel behaviour"
AMASS (Autonomous Maritime Surveillance System) pilot project	Structured EU wide/ regional/ multilateral cooperation	To "form an array of autonomous, automated surveillance platforms with active and passive sensors"
OPARUS (Open architecture for UAV-based surveillance system) pilot project	Structured EU wide/ regional/ multilateral cooperation	"To elaborate an open architecture for the operation of unmanned air-to-ground wide area land and sea border surveillance platforms in Europe"
WiMA²S (Wide maritime area airborne surveillance) pilot project	Structured EU wide/ regional/ multilateral cooperation	"Aims in particular at developing key technologies to prepare the future for the operational use of Unmanned Air Vehicles (UAVs) and innovative mission aircraft"
Bilateral		
n/a	n/a	n/a

In addition the following collaboration structures have been identified as having a potential role in maritime surveillance:

Name of collaboration	Type	Objective of collaboration
European Union/ Regional (i.e. EU and other countries)		
EU Coast Guard Functions Forum	Structured EU wide/ regional/ multilateral cooperation	"The development of inter-agency cooperation, coordination and multifunctional performance for the joint approach to the future challenges in the fields of border control, maritime safety and security, maritime customs activities, fisheries control and marine environment protection and general law enforcement"
European Fisheries Control Agency (EFCA)	Permanent coordination; EU body	To "organise operational coordination of fisheries control and inspection activities by the Member States and to assist them to cooperate so as to comply with the rules of the Common EU

Name of collaboration	Type	Objective of collaboration
		Fisheries Policy in order to ensure its effective and uniform application"
Multilateral		
North Atlantic Coast Guard Forum	Structured EU wide/ regional/ multilateral cooperation	To "increase cooperation amongst member countries on matters related to maritime safety and security in the region"
MSSIS (Maritime Safety and Security Information System)	Permanent coordination	"A freely-shared, unclassified, near real-time data collection and distribution network"
EFFISEC (EFFicient Integrated SECurity Checkpoints) pilot project	Structured EU wide/ regional/ multilateral cooperation	"Aims to deliver to border authorities more efficient technological equipment that provides higher security level of identity and luggage control of pedestrians and passengers inside vehicles, at land and maritime checkpoints"

A4.7   Maritime environmental protection and response

Table A4.7   Collaborations in maritime environmental protection and response

Name of collaboration	Type	Objective of collaboration
International		
n/a	n/a	n/a
European Union/ Regional (i.e. EU and other countries)		
EMSA	Permanent coordination	"EMSA's mission is to reduce the risk of maritime accidents, marine pollution from ships and the loss of human life at sea."
EU Coast Guard Functions Forum	Structured EU wide/ regional/ multilateral cooperation	"The development of inter-agency cooperation, coordination and multifunctional performance for the joint approach to the future challenges in the fields of border control, maritime safety and security, maritime customs activities, fisheries control and marine environment protection and general law enforcement"
Safeseanet	Permanent coordination	To promote "rapid and efficient exchange of maritime information, so helping to keep Europe's seas clean and safe"
Cleanseanet	Permanent coordination	"The Near Real Time European satellite based oil sea monitoring and vessel detection service"
EUROSUR	Permanent coordination	European border surveillance system "designed to support the Member States in their efforts to reduce the number of irregular migrants entering the European Union by improving their situational awareness at their external borders and increasing the reaction capability of their information and border control authorities"
Paris MOU on Port State Control	Structured regional/ EU cooperation	Memorandum of understanding on ship safety/ PSC
Multilateral		
North Atlantic Coast Guard Forum	Structured EU wide/ regional/ multilateral cooperation	To "increase cooperation amongst member countries on matters related to maritime safety and security in the region"
Mediterranean Coast Guard Functions Forum	Structured EU wide/ regional/ multilateral cooperation	"A forum for the adequate level of discussion, exchanging information on juridical, technical and operational experiences within the framework of current international law, and in close relationship with existing international and regional organizations specialized on maritime matters, in order to build working relationships and networks among concerned services"
Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983)	Structured EU wide/ regional/ multilateral cooperation	"To provide active cooperation and mutual assistance among coastal States in combating pollution of the North Sea by oil and other harmful substances in order to protect the marine environment and the interests of coastal States; to carry out surveillance as an aid to detecting and combating pollution and to prevent violations of anti-pollution regulations. The Agreement provides for exchange of information and cooperation at sea through the supply, at short notice, of the necessary labour, material and scientific advice in the event of the discharge of such substances in the North Sea"
Helcom: The Helsinki Convention on the Protection of the Marine Environment of the Baltic Sea (1974 & 1992)	Structured EU wide/ regional/ multilateral cooperation	Convention focused on reducing maritime pollution in the Baltic Sea region
Ospar: Commission for the Protection of the Marine Environment of the North-East Atlantic (1972 & 1992)	Structured EU wide/ regional/ multilateral cooperation	Focuses on mitigating pollution of marine environment of the North-East Atlantic
Rempec: The Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (1976 &	Structured EU wide/ regional/ multilateral cooperation	"The Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC) assists the Mediterranean coastal States in ratifying, transposing, implementing and enforcing international maritime conventions related to the prevention of, preparedness for and response to

Name of collaboration	Type	Objective of collaboration
1989)		marine pollution from ships."
Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004)	Permanent coordination	"A mandatory ship reporting system for all oil tankers over 600 tonnes DWT carrying heavy types of oils and entering the Western European Particularly Sensitive Sea Area (PSSA)"
Barcelona: Convention for the Protection of the Mediterranean Sea Against Pollution (1976 & 1995); including the Ramogepol Plan (1993) and the Lion Plan (2002) initiatives.	Structured EU wide/ regional/ multilateral cooperation	A convention focused on marine pollution reduction in the Mediterranean
Copenhagen: Agreement for cooperation in responding to oil and chemical discharges in the Baltic Sea and Kattegat	Structured EU wide/ regional/ multilateral cooperation	Commitment to cooperate in interests of protecting marine environment in the Baltic Sea and Kattegat area
Lisbon Agreement for the protection of the coasts and waters of the North-East Atlantic against pollution.	Structured EU wide/ regional/ multilateral cooperation	A convention focused on marine pollution reduction in the north-east Atlantic (involving France, Portugal and Spain, together with the EC and Morocco)
Black Sea MOU on Port State Control	Structured EU wide/ regional/ multilateral cooperation	Memorandum of understanding on ship safety/ PSC
Mediterranean MOU on Port State Control	Structured EU wide/ regional/ multilateral cooperation	Memorandum of understanding on ship safety/ PSC
WiMA²S (Wide maritime area airborne surveillance) pilot project	Structured EU wide/ regional/ multilateral cooperation	"Aims in particular at developing key technologies to prepare the future for the operational use of Unmanned Air Vehicles (UAVs) and innovative mission aircraft"
BLACKSEAFOR	Structured EU wide/ regional/ multilateral cooperation	Strengthening of regional stability, friendship, good relationship and mutual understanding among the Black Sea littoral states by promoting cooperation in terms of prevention of marine pollution, search and rescue and maritime safety operations
RAMOGE and PELAGOS agreements	Structured EU wide/ regional/ multilateral cooperation	Prevention of maritime pollution and protection of marine wildlife in the Mediterranean
SUCBAS (Sea Surveillance Cooperation Baltic Sea)	Structured EU wide/ regional/ multilateral cooperation	to "enhance Maritime Situational Awareness benefiting maritime safety, security, environmental and law enforcement activities in the region by sharing relevant maritime data, information and knowledge between the participants".
Additional collaboration arrangements*	No information	No information
Bilateral*		
	No information	No information

Collaboration between selected Member States in the area of maritime environmental protection and response (e.g. DE-DK-PL-SE, ES-FR-IT, ES-FR, IT-SI)

A4.8   Maritime search and rescue

Table A4.8   Collaborations in maritime search and rescue

Name of collaboration	Type	Objective of collaboration
International		
Global Maritime Distress and Safety System (GMDSS)	Permanent coordination	"A system intended to enable communications to/from ships in relation to emergencies"
Long Range Identification and Tracking (LRIT)	Permanent coordination	"A messaging system for security and SAR purposes that is regulated by IMO through an amendment of SOLAS Chapter V (V/19-1)"
Ship Security Alert System (SSAS)	Permanent coordination	"When activated, the SSAS shall initiate and transmit a ship-to-shore security alert to a competent authority designated by the administration, identifying the ship, its location and indicating that the security of the ship is under threat or it has been compromised."
European Union/ Regional (i.e. EU and other countries)		
DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC)	Permanent coordination	Operational core of the EU Civil Protection Mechanism
European External Action Service (EEAS)	Permanent coordination	Diplomatic corps representing the EU in third countries
Safeseanet	Permanent coordination	To promote "rapid and efficient exchange of maritime information, so helping to keep Europe's seas clean and safe"
Common Emergency Communication and Information System (CECIS)	Permanent coordination	A portal that "facilitates communication between the MIC with National Authorities, making response to disasters faster and more effective. It therefore aims to better protect citizens from natural and technological hazards."
Multilateral		
Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004)	Permanent coordination	"A mandatory ship reporting system for all oil tankers over 600 tonnes DWT carrying heavy types of oils and entering the Western European Particularly Sensitive Sea Area (PSSA)"
Mediterranean Coast Guard Functions Forum	Structured EU wide/ regional/ multilateral cooperation	"A forum for the adequate level of discussion, exchanging information on juridical, technical and operational experiences within the framework of current international law, and in close relationship with existing international and regional organizations specialized on maritime matters, in order to build working relationships and networks among concerned services"
North Atlantic Coast Guard Forum	Structured EU wide/ regional/ multilateral cooperation	To "increase cooperation amongst member countries on matters related to maritime safety and security in the region"
COSPAS-SARSAT	Permanent coordination	Seeks to provide "accurate, timely, and reliable distress alert and location data to help search and rescue authorities assist persons in distress"
BLACKSEAFOR	Structured EU wide/ regional/ multilateral cooperation	Strengthening of regional stability, friendship, good relationship and mutual understanding among the Black Sea littoral states by promoting cooperation in terms of prevention of marine pollution, search and rescue and maritime safety operations
Bilateral*		
	No information	No information

Collaboration between selected Member States in the area of maritime search and rescue (e.g. ES-FR-IE-PT-UK, DE-EE-FI-LT-LV-SE, DE-DK, EL-IT)

A4.9   Accident and disaster response

Table A4.9   Collaborations in accident and disaster response

Name of collaboration	Type	Objective of collaboration
International		
n/a	n/a	n/a
European Union/ Regional (i.e. EU and other countries)		
Collaboration between EMSA and EFCA	Ad hoc coordination	Ad hoc operational collaboration between EMSA and EFCA
European External Action Service (EEAS)	Permanent coordination	Diplomatic corps representing the EU in third countries
EU Satellite Centre	Permanent coordination	To "support the decision-making of the European Union in the field of the Common Foreign and Security Policy (CFSP), in particular of the Common Security and Defence Policy (CSDP), including European Union crisis management operations, by providing, as appropriate, products resulting from the analysis of satellite imagery and collateral data, including aerial imagery, and related services"
DG ECHO Civil Protection Mechanism: Monitoring and Information Centre (MIC)	Ad hoc coordination	Operational core of the EU Civil Protection Mechanism
Safeseanet	Permanent coordination	To promote "rapid and efficient exchange of maritime information, so helping to keep Europe's seas clean and safe"
Cleanseanet	Permanent coordination	"The Near Real Time European satellite based oil sea monitoring and vessel detection service"
Common Emergency Communication and Information System (CECIS)	Permanent coordination	A portal that "facilitates communication between the MIC with National Authorities, making response to disasters faster and more effective. It therefore aims to better protect citizens from natural and technological hazards."
Paris MOU on Port State Control	Structured EU wide/ regional/ multilateral cooperation	Memorandum of understanding on ship safety/ PSC
Multilateral		
Bonn: Agreement for Cooperation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (1983)	Structured EU wide/ regional/ multilateral cooperation	"To provide active cooperation and mutual assistance among coastal States in combating pollution of the North Sea by oil and other harmful substances in order to protect the marine environment and the interests of coastal States; to carry out surveillance as an aid to detecting and combating pollution and to prevent violations of anti-pollution regulations. The Agreement provides for exchange of information and cooperation at sea through the supply, at short notice, of the necessary labour, material and scientific advice in the event of the discharge of such substances in the North Sea"
Wetrep: The West European Tanker Reporting System for the Western European Particularly Sensitive Sea Area (2004)	Permanent coordination	"A mandatory ship reporting system for all oil tankers over 600 tonnes DWT carrying heavy types of oils and entering the Western European Particularly Sensitive Sea Area (PSSA)"
North Atlantic Coast Guard Forum	Structured EU wide/ regional/ multilateral cooperation	To "increase cooperation amongst member countries on matters related to maritime safety and security in the region"
Gulf of Finland Reporting System (GOFREP)	Structured EU wide/ regional/ multilateral cooperation	Mandatory ship reporting system focused on the Gulf of Finland
Dover Strait Reporting	Structured EU wide/	Mandatory ship reporting system focused on the Dover Strait

Name of collaboration	Type	Objective of collaboration
System (CALDOVREP)	regional/ multilateral cooperation	
Black Sea MOU on Port State Control	Structured EU wide/ regional/ multilateral cooperation	Memorandum of understanding on ship safety/ PSC
Equasis	Permanent coordination	An information portal "aimed at reducing substandard shipping, and it should be limited to safety-related information on ships"
Bilateral*		
	No information	No information

Collaboration between selected Member States in the area of accident and disaster response (e.g. ES-FR-IE-PT-UK, DE-EE-FI-LT-LV-SE, DE-NL, ES-FR)

A4.10 Fisheries control

Table A4.10 Collaborations in fisheries control

Name of collaboration	Type	Objective of collaboration
International		
Vessel Monitoring System (VMS)	Permanent coordination	"A satellite-based monitoring system which at regular intervals provides data to the fisheries authorities on the location, course and speed of vessels"
International Commission for the Conservation of Atlantic Tunas (ICCAT)	Permanent coordination	Organisation focused on the conservation of Atlantic tuna stocks
European Union/ Regional (i.e. EU and other countries)		
European Fisheries Control Agency (EFCA)	Permanent coordination; EU body	To "organise operational coordination of fisheries control and inspection activities by the Member States and to assist them to cooperate so as to comply with the rules of the Common EU Fisheries Policy in order to ensure its effective and uniform application"
Collaboration between EMSA and EFCA	Ad hoc coordination	Ad hoc operational collaboration between EMSA and EFCA
EU Coast Guard Functions Forum	Structured EU wide/ regional/ multilateral cooperation	"The development of inter-agency cooperation, coordination and multifunctional performance for the joint approach to the future challenges in the fields of border control, maritime safety and security, maritime customs activities, fisheries control and marine environment protection and general law enforcement"
EUROSUR	Permanent coordination	European border surveillance system "designed to support the Member States in their efforts to reduce the number of irregular migrants entering the European Union by improving their situational awareness at their external borders and increasing the reaction capability of their information and border control authorities"
Multilateral		
The North Atlantic Salmon Conservation Organization (NASCO)	Structured EU wide/ regional/ multilateral cooperation	To "promote the acquisition, analysis and dissemination of scientific information pertaining to salmon stocks in the North Atlantic Ocean"
The North East Atlantic Fisheries Commission (NEAFC)	Structured EU wide/ regional/ multilateral cooperation	Making recommendations for protection of marine environment of the North-East Atlantic
The General Fisheries Commission for the Mediterranean (GFCM)	Structured EU wide/ regional/ multilateral cooperation	To "promote the development, conservation, rational management & best utilisation of living marine resources, as well as the sustainable development of aquaculture in the Mediterranean, Black Sea & other "
Mediterranean Coast Guard Functions Forum	Structured EU wide/ regional/ multilateral cooperation	"A forum for the adequate level of discussion, exchanging information on juridical, technical and operational experiences within the framework of current international law, and in close relationship with existing international and regional organizations specialized on maritime matters, to build working relationships and networks among concerned services"
North Atlantic Coast Guard Forum	Structured EU wide/ regional/ multilateral cooperation	To "increase cooperation amongst member countries on matters related to maritime safety and security in the region"
Scheveningen-Group	Structured EU wide/ regional/ multilateral cooperation	North Sea group aiming to "coordinate implementation and enforcement of CFP rules and regulations"
Bilateral*	No information	*Collaboration between selected Member States in the area of fisheries control (e.g. DE-DK-PL-SE, BE-FR-UK, ES-FR, ES-PT)