



Identity Management User Manual

ANNEX I – SERVICE EIS (SAFESEANET) & PROFILES

Version: 1.0
Date: 12/03/2020

Document History

Version	Date	Changes	Prepared
1.0	17/01/2020	Initial version - New access right policies enforced after the deployment of SafeSeaNet European Index Server (SSN EIS) v4.2.	EMSA

Table of Contents

1	Purpose of the document	3
2	Introduction	3
3	Profiles and Operations	5
3.1	Profiles associated to the Service EIS	5
3.2	Profiles associated to the service IMS	11
3.3	Operations	Error! Bookmark not defined.
4	Overview Matrix	14
5	Examples of Profiles usage	15
5.1	SSN NCA + visualise LRIT flag data via SEG	15
5.2	Maritime Authority + sending MRS reports and requesting Hazmat and Waste details	15
5.3	CSD Manager	16
5.4	View Waste details	16

1 Purpose of the document

This annex is part of the Identity Management User Manual for National SSN Administrators (NSA) and presents the new access right policies enforced after the deployment of SafeSeaNet European Index Server (SSN EIS) v4.2.

Section 2 introduces the concepts of Profiles and Operations. **Section 3** identifies the Profiles and Operations available to a SSN NSA, **Section 4** presents an overview of the matrix access rights and **Section 5** provides examples of Profiles usage.

The intended audience of this document are the SSN users in participating Member States (MS) that have the function to manage SSN accounts hereafter referred as National SSN Administrator. The NSA is also entitled to manage the access of SSN users to the Central HAZMAT Database and MAR-CIS database hereafter called CHD-MARCIS2 - Central HAZMAT Database (CHD/MARCIS).

2 Introduction

Users' access rights are based on **Profiles** and **Operations**. The Profiles are classified as Primary and Additional.

Primary Profiles are mandatory Profiles that a user must have to access SSN modules. The Primary Profiles are:

- SSN NCA (National Competent Authorities);
- Maritime Authority (Member State's authority executing functions in the maritime domain);
- Maritime Authority – LRIT Flag Shared;
- Port; and
- Port from MS sharing LRIT Flag.

For CHD-MARCIS2 - Central HAZMAT Database modules the Primary Profiles are:

- CHD User; and
- MARCIS2 User.

Additional Profiles are Profiles that when added to the Primary Profiles will grant additional access rights (e.g. View Waste Details). Additional Profiles, except for the Profile "CSD Manager", should be added on top of a Primary Profile otherwise the access right will be unavailable to the user (see section 5 – Examples of Profiles usage). The Additional Profiles are:

- Provide MRS;
- Provide IR;
- View Hazmat Details;
- View Security Details;
- View Waste Details;
- View Bunkers Details;
- View MRS Details;
- View IR Details;
- Email Incident Report; and
- CSD Manager.

A Profile may include access rights to several different services (e.g. SSN EIS, Integrated Maritime Services, etc). Once a user account is assigned a Profile, it is given all the access rights corresponding to the Profile (there is no option to downgrade the access rights allocated to a user account by a Profile). Profiles may cover more than one Service while the access rights, also referred as Roles, belong to one unique Service.

A user may be assigned one or several Profiles. Profiles are cumulative and the user will be given the sum of access rights provided by his/her Profiles.

Operations are used for the customisation of some EMSA services (e.g. Integrated Maritime Services, CleanSeaNet) used via the SafeSeaNet Ecosystem Graphical Interface (SEG). The EIS service uses the Operation “IVTMIS”.

Notes:

- System accounts (e.g. National SSN Systems) are managed by EMSA and are out of the scope of this document. The same applies for access to SSN by third countries via system or person (e.g. Montenegro).
- Accounts for National SSN Administrators are created by EMSA upon request of the SSN National Competent Authority as explained in the SSN “Welcome on Board” document.

3 Profiles and Operations

3.1 Profiles associated to the Service EIS

National SSN Administrators can grant Profiles related to the Service “EIS” (European Index Server). Tables below presents the main Roles associated to each profile and provides a brief description of each Role.

The Profiles introduced below generally include Roles from four different services: EIS (European Index Server), CLD (Central Locations Database), COD (Central Organisations Database) and IMS (Integrated Maritime Services).

- **SSN NCA**

Profile	Service	Associated Role	Description
SSN NCA	EIS	Provide Incident reports	Create/Update Incident reports in SSN
		Provide Exemptions	Create/Update/Delete Exemptions granted to ships in SSN
		Provide MRS reports	Send MRS notifications
		View Voyage	View information regarding ship voyages
		View AIS Ship Notification	View ship position information from Terrestrial AIS
		View Voyage Hazmat	View voyage details regarding dangerous and polluting goods (HAZMAT)
		View Voyage Security	View voyage details regarding the Security notification
		View Voyage Waste	View voyage details regarding the Waste notification
		View Voyage Bunkers	View voyage details regarding the Bunkers on board
		View MRS Report	View voyage details regarding the MRS reports
		View Incident Report	View voyage details regarding the Incident reports
		View Exemption	View information regarding exemptions granted to ships
		View EIS Reference Data	Download of reference lists from SSN (Banned & SHT & Detained vessel and Locations download)
		View SSN logs and Statistics	Search for messages transmitted between the EIS and SSN participating MSs and View generic SSN statistics.
		CSD Viewer	Edit and update ship details in CSD

SSN NCA	CLD	CLD Viewer	View Locations from the Central Locations Database (CLD)
		Locations National Manager	Edit Location codes in the CLD limited to the user's country
	COD	COD Viewer	View Organisations from the Central Organisations Database (COD)
		Organisations National Manager	Create/Update Organisations in the COD limited to the user's country
	IMS	View T-AIS & SAT-AIS, EO data, Access to Voyage information (SSN), View TDMs, IMS Mobile	Access to SEG with permissions to: View SSN voyage information and details (e.g. view Waste details), View ship position information from Terrestrial AIS & Satellite AIS, View Earth Observation products, View Traffic Density Maps (TDMs), Access to Mobile app

In IdM, when selecting the Profile “**SSN NCA**” the following information is displayed:



Service	Profile
CLD - Central L...	SSN NCA
COD - Central O...	SSN NCA
EIS - European I...	SSN NCA
IMS - Integrated...	SSN NCA

- **Maritime Authority**

Profile	Service	Associated role	Description
Maritime Authority	EIS	View Voyage	View information regarding ship voyages
		View AIS Ship Notification	View ship position information from Terrestrial AIS
		View Exemption	View information regarding exemptions granted to ships
		View EIS Reference Data	Download of reference lists from SSN (Banned & SHT & Detained vessel and Locations download)
		CSD Viewer	View and request ship details from the Central Ship Database (CSD)
	CLD	CLD Viewer	View Locations from the Central Locations Database (CLD)
	COD	COD Viewer	View Organisations from the Central Organisations Database (COD)
	IMS	View T-AIS & SAT-AIS, EO data, Access to Voyage information (SSN), View TDMs	Access to SEG with permissions to: View SSN voyage information and details (e.g. view Waste details), View ship position information from Terrestrial AIS & Satellite AIS, View Earth Observation products, View Traffic Density Maps (TDMs)

In IdM when selecting the Profile “**Maritime Authority**” the following information is displayed on the screen:

Services / Profiles

Service EIS - European Index Server ▼ Profile Maritime Authority ▼ + Add Profile

Service	Profile
CLD - Central L...	Maritime Authority
COD - Central O...	Maritime Authority
EIS - European I...	Maritime Authority
IMS - Integrated...	Maritime Authority

- **Maritime Authority – LRIT Flag Shared**

The profile “**Maritime Authority – LRIT Flag Shared**” has the same associated roles as the profile Maritime Authority, **plus** the role to view LRIT data from those MSs that agreed to share their LRIT data.

MSs that agreed to share LRIT data are: Denmark, Finland, France, Germany, Greece, Iceland, Italy, Latvia, Lithuania, Norway, Romania, Slovenia and The Netherlands (Situation in March 2020).

Profile	Service	Associated role	Description
Maritime Authority - LRIT Flag Shared	EIS	View Voyage	View information regarding ship voyages
		View AIS Ship Notification	View ship position information from Terrestrial AIS
		View Exemption	View information regarding exemptions granted to ships
		View EIS Reference Data	Download of reference lists from SSN (Banned & SHT & Detained vessel and Locations download)
		CSD Viewer	View and request ship details from the Central Ship Database (CSD)
	CLD	CLD Viewer	View Locations from the Central Locations Database (CLD)
	COD	COD Viewer	View Organisations from the Central Organisations Database (COD)
IMS	View T-AIS & SAT-AIS, EO data, Access to Voyage information (SSN), View TDMs, View LRIT flag MS shared	Access to SEG with permissions to: View SSN voyage information and details (e.g. view Waste details), View ship position information from Terrestrial AIS & Satellite AIS, View Earth Observation products, View Traffic Density Maps (TDMs), View LRIT flag data from the MS agreeing to share data.	

In IdM when selecting the Profile “**Maritime Authority – LRIT Flag Shared**” the following information is displayed on the screen:

Services / Profiles

Service: EIS - European Index Server ▼ Profile: Maritime Authority -LRIT Flag Share ▼ + Add Profile

Service	Profile
CLD - Central L...	Maritime Authority -LRIT Flag Shared
COD - Central O...	Maritime Authority -LRIT Flag Shared
EIS - European I...	Maritime Authority -LRIT Flag Shared
IMS - Integrated...	Maritime Authority -LRIT Flag Shared

- **Port**

A user with the Profile “**Port**” has access to the information limited to the LOCODEs covered by his/her organisation under the organisation’s Duty Name *Reception of port pre-arrival notification*. In practical terms, when a user with Profile Port makes a request for detailed information on for example HAZMAT, he or she will only get the details for ships aiming at or leaving from the corresponding LOCODEs.

Profile	Service	Associated role	Description
Port	EIS	View Voyage Hazmat and Bunkers for Ports	View voyage details regarding dangerous and polluting goods (HAZMAT) and regarding the bunkers on board
		View AIS Ship Notification	View ship position information from Terrestrial AIS
		View Exemption	View information regarding exemptions granted to ships
		View EIS Reference Data	Download of reference lists from SSN (Banned & SHT & Detained vessel and Locations download)
		CSD Viewer	View and request ship details from the Central Ship Database (CSD)
	CLD	CLD Viewer	View Locations from the Central Locations Database (CLD)
	COD	COD Viewer	View Organisations from the Central Organisations Database (COD)
IMS	View T-AIS & SAT-AIS, EO data, Access to Voyage information (SSN), View TDMs, View LRIT MS shared	Access to SEG with permissions to: View SSN voyage information and details (e.g. view Waste details), View ship position information from Terrestrial AIS & Satellite AIS, View Earth Observation products, View Traffic Density Maps (TDMs)	

- **Port from MS sharing LRIT Flag**

The Profile “**Port from MS sharing LRIT Flag**” has the same associated roles and limitation in terms of LOCODE as the profile Port, **plus** the role to view LRIT data from those MSs that agreed to share their LRIT data.

MSs that agreed to share data are: Denmark, Finland, France, Germany, Greece, Iceland, Italy, Latvia, Lithuania, Norway, Romania, Slovenia and The Netherlands (Situation in March 2020).

Profile	Service	Associated role	Description
Port from MS sharing LRIT Flag	EIS	View Voyage Hazmat and Bunkers for Ports	View voyage details regarding dangerous and polluting goods (HAZMAT) and regarding the bunkers on board
		View AIS Ship Notification	View ship position information from Terrestrial AIS
		View Exemption	View information regarding exemptions granted to ships
		View EIS Reference Data	Download of reference lists from SSN (Banned & SHT & Detained vessel and Locations download)
	CSD Viewer	View and request ship details from the Central Ship Database (CSD)	
	CLD	CLD Viewer	View Locations from the Central Locations Database (CLD)
	COD	COD Viewer	View Organisations from the Central Organisations Database (COD)
IMS	View T-AIS & SAT-AIS, EO data, Access to Voyage information (SSN), View TDMs, View LRIT flag MS shared	Access to SEG with permissions to: View SSN voyage information and details (e.g. view Waste details), View ship position information from Terrestrial AIS & Satellite AIS, View Earth Observation products, View Traffic Density Maps (TDMs), View LRIT flag data from the MS agreeing to share data.	

- **Provide MRS/ Provide IR**

Users entitled to provide MRS or Incident reports need to be given the Additional Profiles “**Provide MRS**” or “**Provide IR**” to be able to submit MRS notifications or Incident reports in SSN.

Note: Users with the Profile “**SSN NCA**” have already these additional profiles for providing MRS and Incident reports included as access rights in the “SSN NCA” Profile.

Profile	Service	Associated role	Description
Provide MRS	EIS	Provide MRS reports	Send MRS notifications

Profile	Service	Associated role	Description
Provide IR	EIS	Provide Incident reports	Create/Update Incident reports in SSN

- **View Detailed EIS information**

Users entitled to view details on HAZMAT, Security, Waste, Bunkers, MRS or Incident Reports need to be given the Additional Profiles “**View Hazmat Details**”, “**View Security Details**”, “**View Waste details**”, “**View Bunkers Details**”, “**View MRS Details**” or “**View IR Details**” respectively to be able to request the corresponding detailed SSN information in SSN or in SEG.

Notes:

- Users with the profile “**SSN NCA**” already have these additional profiles to view all detailed SSN information included as access rights in the “SSN NCA” Profile.
- Users with Profile “**Port**” or “**Port from MS sharing LRIT Flag**” already have the additional profiles “**View Hazmat Details**” and “**View Bunkers Details**” to view the detailed Hazmat and Bunkers included as access rights in the “Port” and “Port from MS sharing LRIT Flag” Profile. The LOCODEs limitation (refer to section “Port” above) will be applied to the Hazmat and Bunkers information.
- If a user with Profile “**Port**” or “**Port from MS sharing LRIT Flag**” is given the Profile “**View Security Details**” or “**View Waste Details**”, the LOCODEs limitation will also be applied to the Security and the Waste detailed information.

Profile	Service	Associated role	Description
View Hazmat Details	EIS	View Voyage Hazmat	View voyage details regarding dangerous and polluting goods (HAZMAT)

Profile	Service	Associated role	Description
View Security Details	EIS	View Voyage Security	View voyage details regarding the Security notification

Profile	Service	Associated role	Description
View Waste Details	EIS	View Voyage Waste	View voyage details regarding the Waste notification

Profile	Service	Associated role	Description
View Bunkers Details	EIS	View Voyage Bunkers	View voyage details regarding the Bunkers on board

Profile	Service	Associated role	Description
View MRS Details	EIS	View MRS Report	View voyage details regarding the MRS reports

Profile	Service	Associated role	Description
View IR Details	EIS	View Incident Report	View voyage details regarding the Incident reports

- **Email Incident Report**

Profile	Service	Associated role	Description
Email Incident Report	EIS	Receive Incident Report by email	Receive Incident Report by email

- **CSD Manager**

The National SSN Administrator will give this profile to national users entitled to administer the Central Ship Database (CSD).

Profile	Service	Associated role	Description
CSD Manager	EIS	CSD Viewer	View and request ship details from the Central Ship Database (CSD)
		CSD Manager	Edit and update ship details in CSD

3.2 Profiles associated to the service IMS

The following Profiles are associated to the service IMS (Integrated Maritime Services). They can only be assigned to users by EMSA.

- **Access to the IMS Mobile Application**

Profile	Service	Associated role	Description
Access IMS Mobile App	IMS	Access to IMSMobile Application role	Access to Mobile application

Note: Users with Profile “**SSN NCA**” have the access to the IMS Mobile application by default.

- **T-AIS from the Federation of Russia**

The profile “**T-AIS from RU**” should be granted to MSs participating in the AIS HELCOM agreement.

These MSs are: Denmark, Estonia, Finland, Germany, Latvia, Lithuania, Norway, Poland and Sweden.

Profile	Service	Associated role	Description
T-AIS from RU	IMS	View T-AIS HELCOM countries	View ship position information from Terrestrial AIS provided by Russia

- **LRIT Flag View**

The profile “**LRIT Flag View**” should be granted to the MSs that agreed not to share their LRIT Flag data.

Profile	Service	Associated role	Description
LRIT Flag View	IMS	View LRIT Flag own	View LRIT own Flag ship information

3.3 Profiles associated to the service CHD-MARCIS2 - Central Hazmat Database

The following Profiles are associated to the service CHD-MARCIS2 - Central Hazmat Database.

National SSN Administrators can grant Profiles related to the Service “**CHD-MARCIS2 - Central Hazmat Database**”. Table below presents the main Roles associated to each profile and provides a brief description of each Role.

Profile	Service	Associated role	Description
CHD User	CHD/MARCIS	CHD User	Access to the Central HAZMAT Database

Profile	Service	Associated role	Description
MARCIS2 User	CHD/MARCIS	MARCIS User	Access to the MAR-CIS Database

3.4 Operations

The operation defines the type of information and Services a user has access to in some specific EMSA applications as SEG. National SSN Administrators are entitled to assign the Operation “**IVTMIS**” to users.

Note: Users without an Operation assigned will be **unable to connect to SEG**.

In IdM when selecting the Operation **IVTMIS** the following information is displayed on the screen:

▲ Operations

Operation ▼

✕ Remove Operation

Operation

4 Overview Matrix

The table below provides an overview of the Profiles and the corresponding Roles per Service. It aims at facilitating the interpretation of the Profiles and associated Roles/access rights and Services that an NSA can attribute to a user.

Service	Role/Permissions	Profiles																			
		Primary							Additional												
		SSN NCA	Maritime Authority	Maritime Authority - LRIT Flag Shared	Port	Port from MS sharing LRIT Flag	CHD User	MARCIS2 User	Provide MRS	Provide IR	View Hazmat Details	View Security Details	View Waste Details	View Bunkers Details	View MRS Details	View IR Details	Email Incident Report	CSD Manager	Access IMS Mobile App	LRIT Flag View	T-AIS from RU
EIS	Provide MRS Report	X						X													
	Provide Incident Report	X							X												
	Provide Exemption	X																			
	View Voyage	X	X	X																	
	View Voyage Hazmat	X								X											
	View Voyage Security	X									X										
	View Voyage Waste	X											X								
	View Voyage Bunkers	X												X							
	View Voyage Hazmat and Bunkers for Ports				X	X															
	View MRS Report	X													X						
	View AIS Ship Notification	X	X	X	X	X															
	View Incident Report	X														X					
	View Exemption	X	X	X	X	X															
	Receive Incident Report by email																X				
View EIS Reference Data	X	X	X	X	X																
View SSN Logs and Stats	X																				
CSD Viewer	X	X	X	X	X												X				
CSD Manager																	X				
CLD	Locations Viewer	X	X	X	X	X															
	Locations National Manager	X																			
COD	Organisations Viewer	X	X	X	X	X															
	Organisations National Manager	X																			
IMS	View T-AIS HELCOM countries																				X
	View T-AIS provided by EU MS	X	X	X	X	X															
	View S-AIS All	X	X	X	X	X															
	View LRIT Flag all MS agreed sharing			X		X															
	View LRIT Flag own																				X
	View EO data via IMDATE WUP	X	X	X	X	X															
	View ABM Reports	X	X	X	X	X															
	View ABM Alerts	X	X	X	X	X															
Access to voyage information (SSN)	X	X	X	X	X																
Access to SSN Ecosystem GUI (SEG)	X	X	X	X	X																
Access to IMS Mobile Application role	X																	X			
CHD MARCIS	Access to CHD							X													
	Access to MARCIS								X												

Note : Profiles are cumulative. A user will be given the sum of Roles provided by his/her Profiles. (see section 2)

The Profiles “**Access IMS Mobile App**”, “**LRIT Flag View**” and “**T-AIS from RU**” can only be assigned by EMSA.

5 Examples of Profiles usage

5.1 SSN NCA + visualise LRIT flag data via SEG

The Profile “**SSN NCA**” cannot see LRIT Flag data in SEG. Two options are possible to give SSN NCAs access to LRIT Flag data:

- **Option 1 – MS not sharing LRIT data**

The National SSN Administrator requests EMSA to grant the Profile “**LRIT Flag View**”.

- **Option 2 – MS sharing LRIT data**

The National SSN Administrator adds the Additional Profile “**Maritime Authority – LRIT Flag Shared**”. The user will see the LRIT Flag data of his/her country and the LRIT Flag data from the other MS that agreed to share their data.

5.2 Maritime Authority + sending MRS reports and requesting HAZMAT and Waste details

The Profile “**Maritime Authority**” cannot send MRS notifications or request Hazmat or Waste detailed information in the SSN Textual Interface (TI) or in SEG.

The National SSN Administrator may add the Additional Profiles “**Provide MRS**”, “**View Hazmat Details**” and “**View Waste Details**” to give access to such information.

The screenshot below gives an example of a maritime authority which is given these profiles.

Service	Profile
CLD - Central L...	Maritime Authority
COD - Central ...	Maritime Authority
EIS - European ...	Maritime Authority
EIS - European ...	Provide MRS
EIS - European ...	View Hazmat Details
EIS - European ...	View Waste Details
IMS - Integrated...	Maritime Authority

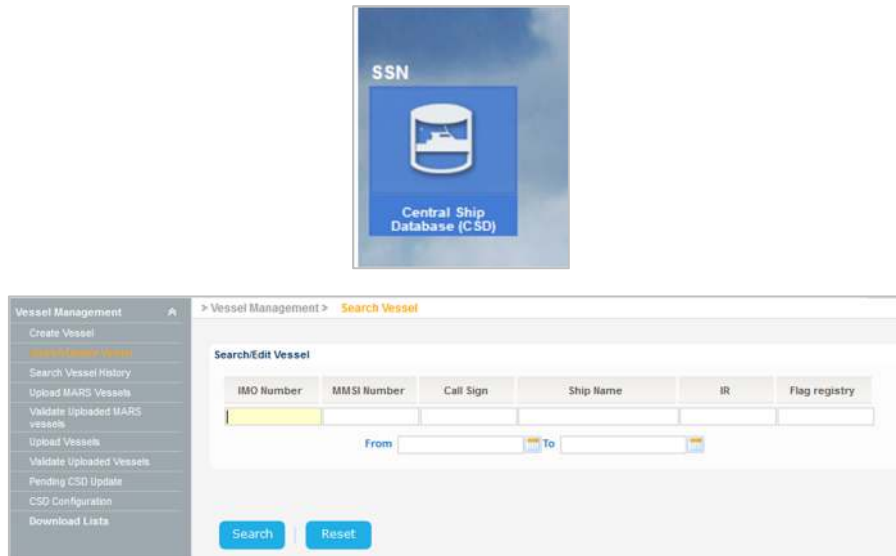
The screenshot below shows the modules that the user is given access to once logging in the EMSA portal:



5.3 CSD Manager

National SSN Administrators may give access to the Central Ship Database (CSD) by using the Profile “**CSD Manager**”.

The screenshots below show the corresponding CSD module in the EMSA Portal and the content of the CSD module once selected.



5.4 View Waste details

National SSN Administrator wants to give access to a user for requesting Waste detailed information in the SSN Textual Interface (TI) or in SEG and only selects the Additional Profile “**View Waste Details**”.

The screenshots below show the corresponding Profile granted in IdM and no module appearing in the EMSA Portal.



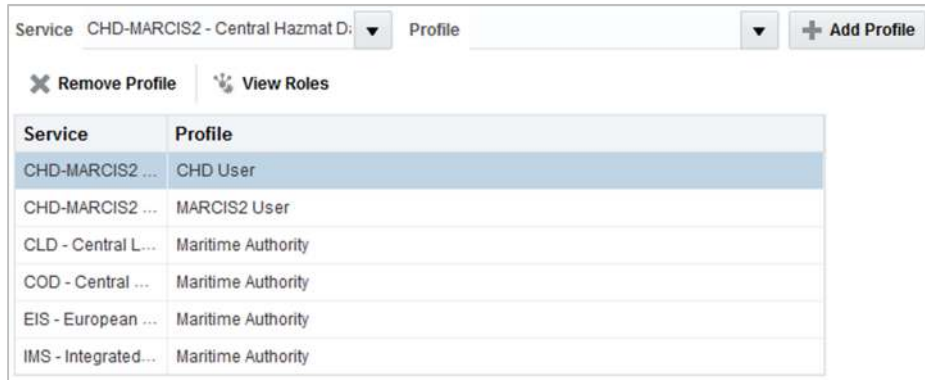
As explained in section 2, Additional Profiles, except for the Profile “CSD Manager”, should be added on top of a Primary Profile otherwise the access right will be unavailable to the user.

Thus, the National SSN Administrator needs to add one Primary Profiles (e.g “**Maritime Authority**”) to enable the user to request Waste details.

5.5 CHD User and MARCIS2 User

The National SSN Administrator may add the Primary Profiles “**CHD User**” and “**MARCIS2 User**” on top of any Primary SSN Profile to give access to CHD and MARCIS databases to SSN users.

The screenshot below gives an example for a SSN user with Profile “**Maritime Authority**” for which the above mentioned profiles is given.



The screenshot shows a user profile configuration interface. At the top, there are dropdown menus for 'Service' (set to 'CHD-MARCIS2 - Central Hazmat D:') and 'Profile'. Below these are buttons for 'Remove Profile' and 'View Roles'. A table lists the assigned profiles for various services.

Service	Profile
CHD-MARCIS2 ...	CHD User
CHD-MARCIS2 ...	MARCIS2 User
CLD - Central L...	Maritime Authority
COD - Central ...	Maritime Authority
EIS - European ...	Maritime Authority
IMS - Integrated...	Maritime Authority

The screenshot below shows the modules that the user is given access to once logging in the EMSA portal:

