

MED Database / training (newcomers NB and NA)

Marine Equipment Directive 2014/90/EU

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Department 2: Safety and Standards/ Ship Safety

Lisbon / 10/11/2021



Welcome to the training dedicated to newcomers:

- Notified Bodies
- Notifying Authorities.

Technical training focusing on:

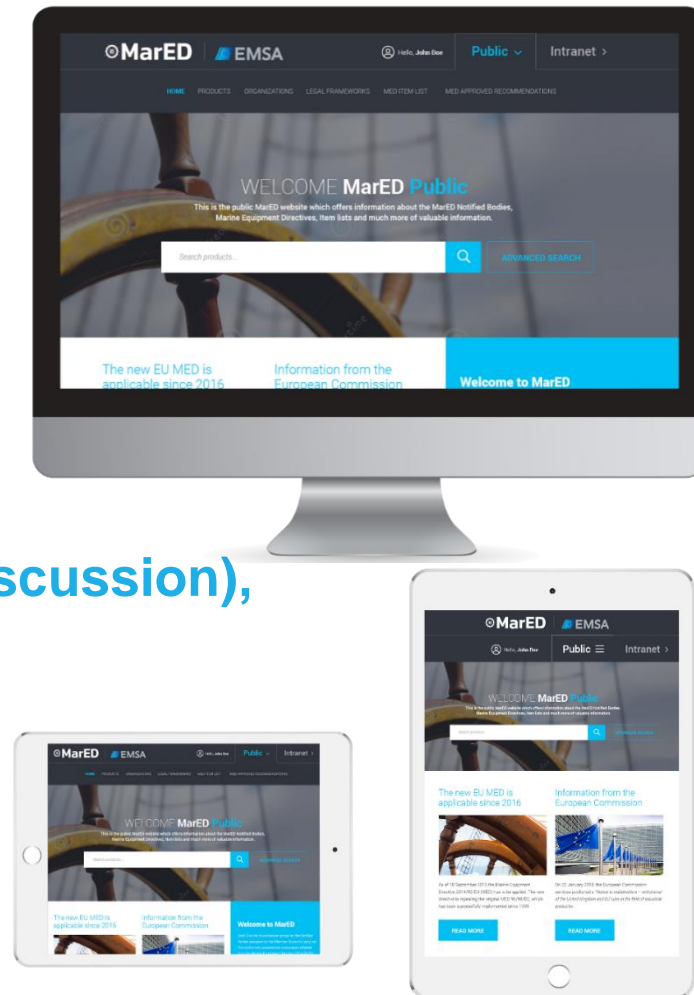
- system overview,
- registration and accessing the content,
- Data submission (product + DoC),
- cooperation with the MSA.

Time (CET)	Agenda Item	Speakers
10:00 – 10:15	Welcome and Training Objectives	EMSA
10:15 – 10:30	Introduction to MED Portal	EMSA
10:30 – 10:45	MED legal basis for MED stakeholders	EMSA
10:45 – 11:30	MED Database: <ul style="list-style-type: none"> Notified bodies and their Notifying Authorities: <ul style="list-style-type: none"> Reporting of MED approved product information, Participation in the MarED Group – the intranet Use of the available info by various stakeholders: <ul style="list-style-type: none"> Market Surveillance Authorities (MSA) role (ex. “Where is the factory based and when was it audited?”) Third party MED stakeholders (PSO, RO, Masters, industry). 	EMSA
11:30 – 11:45	Break	
11:45– 12:30	Cooperation of the NB with MSA <ul style="list-style-type: none"> The MSA agreements –requesting information to manufacturer MSA tailored DoC according to NB outputs ICSMS and Cooperation with MSA 	EMSA
12:30 – 13:00	Questions, answers (ADR stemming from this training).	All

The aim of this session

To know how to:

- register,
- find a product,
- find recommendations,
- access the intranet (documents, discussion),
- keep 'unique character of data',
- cooperate with MSA.



Development started in 2018,

EMSA took role of Technical Secretariat for the MarED Group.

- **Replication of functionalities from the previous portal and in addition:**
 - e-Tag implementation,
 - DoC (Declaration of Conformity)
 - improve consistency of data!
- **MED Portal is more than a Database:**
 - collaboration tool,
 - discussion groups,
 - documents and legal acts repository,
 - information on events,
 - mobile version, scanning possibility of the e-tag etc;

Web-based system

- **production environment available at:**
<https://portal.med.emsa.europa.eu/>
- testing environment used by NB available at:
<https://portal-t.med.emsa.europa.eu/>
- **“MED Mobile” mobile App in addition of the web-application**

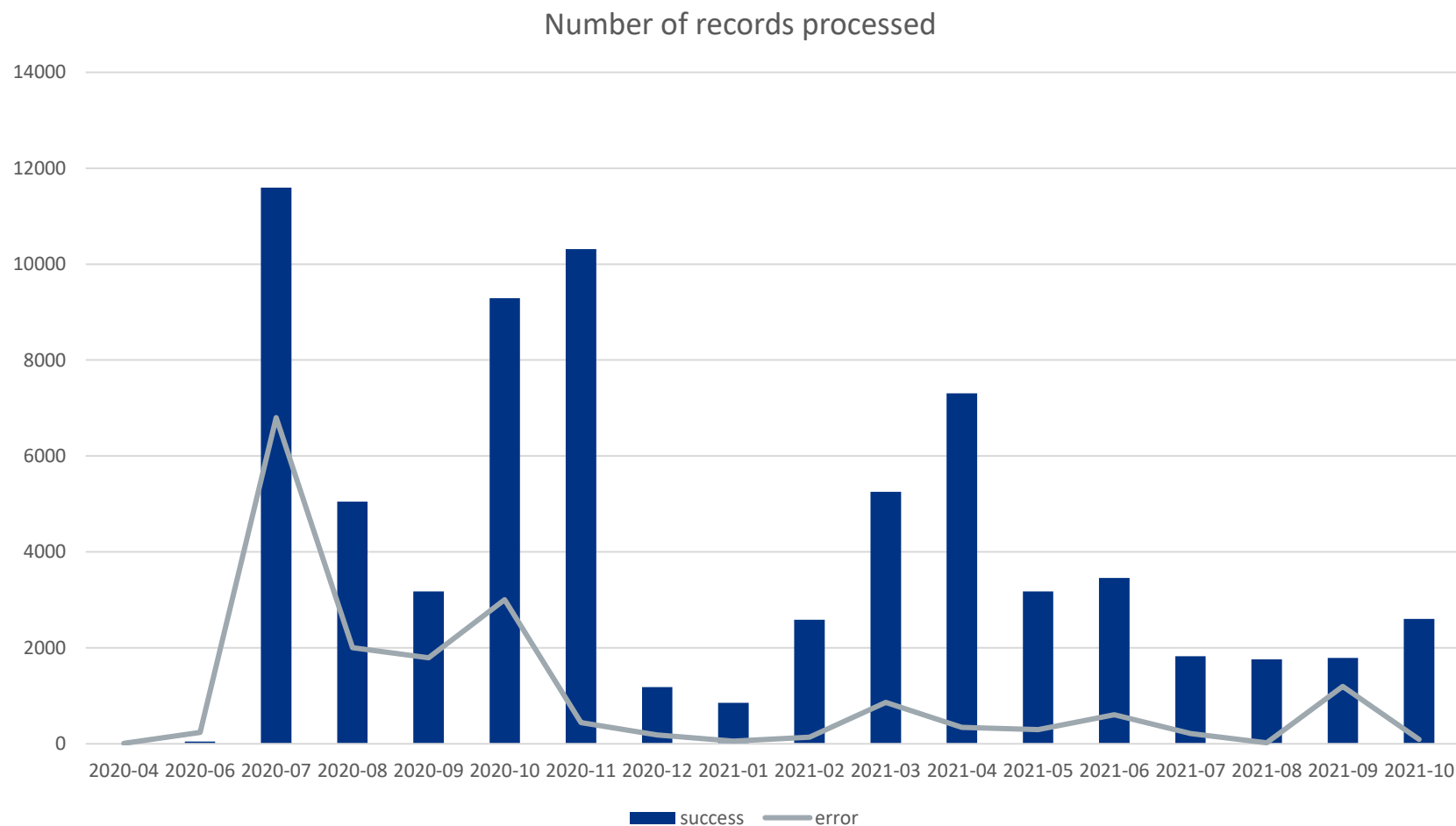
MED Database / Portal status:

- Intranet 195 000 entries,
- Public 171 000 entries,
- 2.500 supportive documents stored
- 5 560 worldwide users registered

190 000 successful sessions per month

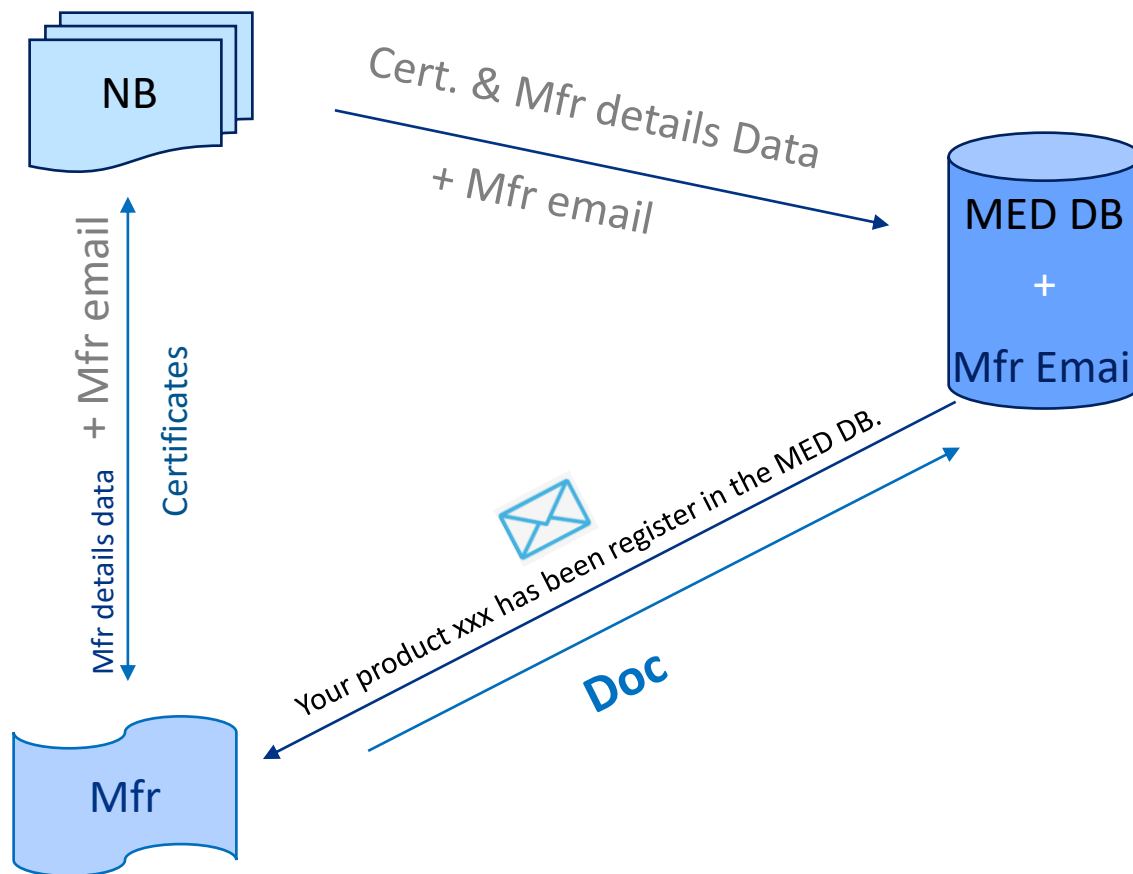


MED Database statistics / data submission –timeline



System overview

Where the product data comes from?



Mfr register !!

Registration

(how to become a user of that portal)

Registration based on the e-mail address:

MS Administration, MSA, NA, NB

- **NANDO – DG GROW – source of initial information**

To facilitate the registration process we accept also from administration and NB change of the admin email on your request (we cannot do the same for Mfr!)

Manufacturers

- **Details introduced by NB while registering certificates**

Register public account for your organisation

(based on the email address as reported to DG GROW /Nando or send email to EMSA with request to change) [MED \(europa.eu\)](mailto:MED@emsa.europa.eu)

Connect your account with the predefined data for your organisation setting Administrator profile [MED \(europa.eu\)](mailto:MED@emsa.europa.eu)

As administrator you can add other users to your org
(who have created previously account with public rights)

Inform EMSA MED@emsa.europa.eu about MED focal point

Web interface (Public vs Intranet)

Public:

- Products
- Organisations
- Legal Framework
- MED Items,
- Approved Recommendations

Intranet:

- Products
(+MfS, DoC attachment, B cert),
- Events,
- Documents,
- Discussions,
- Working Sheets
(Legal Framework
Collaboration tool)
- Recommendations
(Drafts... under revisions)
- Members

Users management / Intranet

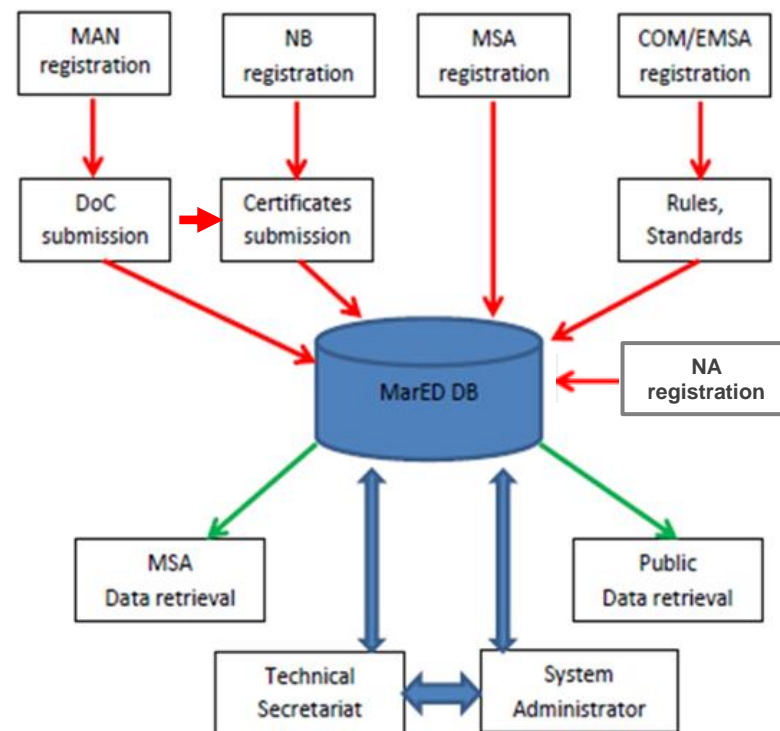
Working Groups and conveners

- **GEN** Horizontal Committee
- **NAV**
- **LSA**
- **FIRE**
- **POL – MARPOL**
- **LSA**
- **RADIO**
- **BULK**
- **COL - COLREG 72**

Who has access?

Type of users as agreed:

- Market Surveillance Authority (MSA)
- Notifying Authority (NA)
- Notified Body (NB)
- Manufacturers (Mfr)
- Public (P)
- COM, EMSA acting as the Technical Secretariat



- **Several Meetings with Stakeholders**

- different expectations (MarED, AdCo, MED Experts Groups)

Characters used in the access matrix

✓ - Yes, the entity has access to that data.

✗ - No, the entity doesn't have access to that data.

I - Optional, following invitation of the Chairman or Convener

O - only visible data related to a specific product - where the entity is involved:

NA - all data reported by their NB

NB – products data to which they have issued at least one of its certificates,

AR - can see and edit (DoC) data of products, where they are reported as AR,

Mfr – can see and edit (DoC) data of its own products

IO- Industry Observers – (ILAMA, SeaEurope, CIRM...) they have the same rights as the Manufacturer in that data access schema, having in mind that they are not associated with any product.

User group \ Content type	Public			Intranet			
	Generic product info	DoC	Authorised Representative	Certificate B only	Manufacturing Site	DoC attachment	Add/ Edit DoC
Notified Boddies (NB)	✓	✓	✓	O	O	O	O
Notifying Authorities (NA)	✓	✓	✓	✓	✓	✓	X
Market Surveillance Authority (MSA)	✓	✓	✓	✓	✓	✓	X
Member States / Expert Group (MS MED EG)	✓	✓	✓	X	X	X	X
Manufacturers (Mfr)	✓	✓	✓	O	O	O	O
Industry Observers (IO)	✓	✓	✓	X	X	X	X
Authorised Representatives of the Manufacturers (AR)	✓	✓	✓	O	O	O	O
Technical Secretariat (TS)	✓	✓	✓	✓	✓	✓	✓
European Commission (COM)/ MS Administration	✓	✓	✓	✓	✓	✓	X
Public	✓	✓	✓	X	X	X	X

MED DB Content / access rights



Content type User group	Public			Intranet								
	Legal Framework	Approved Recommendations	News	Recommendations [GEN]	Recommendation [Other than GEN]	Documents	Documents [Minutes of HC meeting]	Discussions [GEN]	Discussions [Other than GEN]	Event [Horizontal Committee]	Event [Specific group]	Working sheets - consultation
MarED Presidency	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conveners	✓	✓	✓						I		✓	
Notified Bodies	✓	✓	✓	✓	I	✓	✓	✓		✓		✓
Notified Bodies [specific working group]					✓				✓		✓	
Notifying Authorities	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	I	✓
Market Surveillance Authorities (MSA)	✓	✓	✓	I	II	I	✓	I	I	I	I	X
Member States Expert Group (MS MED EG)	✓	✓	✓	✓	✓	I	I	✓	✓	I	I	✓
European Commission (COM)/ MS Administration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Technical Secretariat	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Industry Observers (IO)	✓	✓	✓	I	I	I	I	I	I	I	I	I
Special Guests	✓	✓	✓	I	I	I	I	I	I	I	I	I
Public	✓	✓	✓	X	X	X	X	X	X	X	X	X

You are kindly invited to indicate your Administration contact person, as appointed to represent your:

National Notification Authority
National Market Surveillance Authority
MED Expert

The **Notified Bodies** should provide no more than 2 person as per the MarED working group

Attention!

The agreed reporting period it is within one month since the certificate issue date.

- **during visits – not reported certificates found,**
- **request from manufacturers for explanations!**
- **Authorised Representatives not reported.**
- **Manufacturer email** (fields with random characters.... 12345 ..)
- **Manufacturing site address missing ! (country only)**
- **Not existing manufacturing sites (for D certificates).**

Data consistency errors. attempts to register empty details!!!

ed nt	AuthorizedRepresentativeName	AuthorizedRepresentativeLongName	AuthorizedRepresentativeAcronym	AuthorizedRepresentativeVatNumber	AuthorizedRepresentativeStreet	AuthorizedRepresentativePostalCode	AuthorizedRepresentativeCity	AuthorizedRepresentativeCountry	AuthorizedRepresentativePoBox	AuthorizedRepresentativeTelephone	AuthorizedRepresentativeFax	AuthorizedRepresentativeEmail	AuthorizedRepresentativePublicEmail	AuthorizedRepresentativeUrl	AuthorizedRepresentativeExternalLink
	N/A							CZ							
	N/A							CZ							
	N/A							CZ							
	N/A							CZ							
	N/A							CZ							
	N/A							CZ							
	N/A														
	N/A							CZ							
	N/A							CZ							
	N/A							CZ							

BW	BX	BY
TypeManufacturerCountry	TypeManufacturerEmail	TypeManufacturerPublicEmail
JP	N/A	
FI	N/A	
JP	N/A	
DK	N/A	
JP	N/A	
DK	N/A	
JP	N/A	
JP	N/A	
FR	N/A	
FR	N/A	
FR	N/A	
FI	N/A	
JP	N/A	
DK	N/A	
FI	N/A	
JP	N/A	
FR	N/A	
FR	N/A	
FR	N/A	
FR	N/A	
FR	N/A	
JP	N/A	
FR	N/A	

Identification of Authorised Representative

Profile of the MFR is created based on the email address !!!!

Possibilities of additional contractions to increase the data quality:

- **Constrains on additional fields**
(requirement to report more detailed data –address),
- **Limitation of the data submission timeframe to one month only after certificate issuance,**
- **More information to the Manufacturers on their rights to be ‘visible’ on the MED Portal,**
- **Promotion of the good practice and better cross verification of data.**

EVENTS DOCUMENTS DISCUSSIONS WORKING SHEETS RECOMMENDATIONS MEMBERS MY ORGANIZATION

Discussions

<https://portal.med.emsa.europa.eu/intranet/discussions?statusName=Open&pageSize=10&pageNumber=1&orderBy=code&orderDirection=descending>

<https://portal.med.emsa.europa.eu/intranet/discussions/9074>

Discussions (TEST)

<https://portal-t.med.emsa.europa.eu/intranet/discussions/7802>

<https://portal-t.med.emsa.europa.eu/intranet/discussions/7804>

You can give your contribution to the pending discussion under the tab - responses !

RESPONSES	+
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EVENTS DOCUMENTS DISCUSSIONS WORKING SHEETS RECOMMENDATIONS MEMBERS MY ORGANIZATION

Recommendations

(working version of Approved Recommendations,
accessible by NB, NA, MED EG)

<https://portal.med.emsa.europa.eu/intranet/recommendations>

<https://portal.med.emsa.europa.eu/intranet/recommendations/9055>

Product Search (Public vs Intranet)

Product search



PRODUCT SEARCH

Search the MED database for products.

[HOME](#) > [PRODUCT SEARCH](#)

[← BACK](#)

FILTERS

Commercial Product Name

Commercial Model Name

Commercial Trade Name

Product Identifier Product Module

Type Manufacturer Name Type Manufacturer Country

Production Manufacturer Name Production Manufacturer Country

Authorized Representative Name Authorized Representative Country

Notified Body Name Notified Body Country

Legal Framework

MED Item Category

MED Item Number

USCG Number

Certificate Number

Type (Module B) Certificate Number
Production (Module D,E,F)
Unit Verification (Module G)

☒ BASIC



SEARCH



RESET

MED ITEM NUMBER	COMMERCIAL PRODUCT NAME	COMMERCIAL MODEL NAME	MANUFACTURER NAME	MANUFACTURER COUNTRY	NOTIFIED BODY NUMBER	NOTIFIED BODY NAME	DETAIL
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No results were found.

10 << < 1 OF 1 > >>

PRODUCT SEARCH

Search the MED database for products.

[HOME](#) > [PRODUCT SEARCH](#)

[← BACK](#)

FILTERS

Search Term

☒ ADVANCED



SEARCH



RESET

MED ITEM NUMBER	COMMERCIAL PRODUCT NAME	COMMERCIAL MODEL NAME	MANUFACTURER NAME	MANUFACTURER COUNTRY	NOTIFIED BODY NUMBER	NOTIFIED BODY NAME	DETAIL
Magnetic compass	Magnetic Compass Class A		LILLEY & GILLIE	United Kingdom	191	QINETIQ LTD	→
Magnetic compass Class A for ships	MAGNETIC COMPASS CLASS A FOR SHIPS						→
Magnetic compass Class A for ships	MAGNETIC COMPASS CLASS A FOR SHIPS						→
Magnetic compass Class A for ships	MAGNETIC COMPASS CLASS A FOR SHIPS						→
Magnetic compass Class A for ships	MAGNETIC COMPASS CLASS A FOR SHIPS						→
Magnetic compass Class A for ships	MAGNETIC COMPASS CLASS A FOR SHIPS						→
Magnetic compass (a) Class A for ships.	MAGNETIC COMPASS (A) CLASS A FOR SHIPS.						→
Magnetic compass	MAGNETIC COMPASSES		TOKIMEC INC. Control Division I	Japan	0062	BUREAU VERITAS	→
Magnetic compass	MAGNETIC COMPASSES		TOKYO KEIKI INC. Control Division I	Japan	0575	DNV GL AS	→
Transmitting magnetic heading device (previously electromagnetic compass)	TRANSMITTING MAGNETIC HEADING DEVICE (TMHD)		I2E DIFFUSION	France	0062	BUREAU VERITAS	→

10 << < 1 OF 9 > >>

[\[t.med.emsa.europa.eu/public/products/MDQ3NE1FRDA0MTAxOVdTMDQ3NE1FRDA0MTAxOVdTLzAwMQ%3D%3D\]\(https://portal-med.emsa.europa.eu/public/products/MDQ3NE1FRDA0MTAxOVdTMDQ3NE1FRDA0MTAxOVdTLzAwMQ%3D%3D\)](https://portal-</p></div><div data-bbox=)

[HOME](#) [PRODUCTS](#) [EVENTS](#) [DOCUMENTS](#) [DISCUSSIONS](#) [WORKING SHEETS](#) [RECOMMENDATIONS](#) [MEMBERS](#) [MY ORGANIZATION](#)

MAGNETIC COMPASS CLASS B FOR LIFEBOATS AND RESCUE BOATS

Magnetic compass Class B for lifeboats and rescue boats

[HOME](#) > [PRODUCT SEARCH](#) > PRODUCT DETAIL



EDIT



DECLARATION



DETAILS

< BACK




GENERAL DETAILS

Commercial Product Name:	Magnetic compass Class B for lifeboats and rescue boats
Commercial Model Name:	No information available
Commercial Trade Name:	POLARE 3"
Brand Name:	No information available
Product Unique Identifier:	0474MED174719CS/0020474MED082019GE/002
Restriction of Use:	None



EU LEGAL BASIS

CERTIFICATE DETAILS

DECLARATION OF CONFORMITY

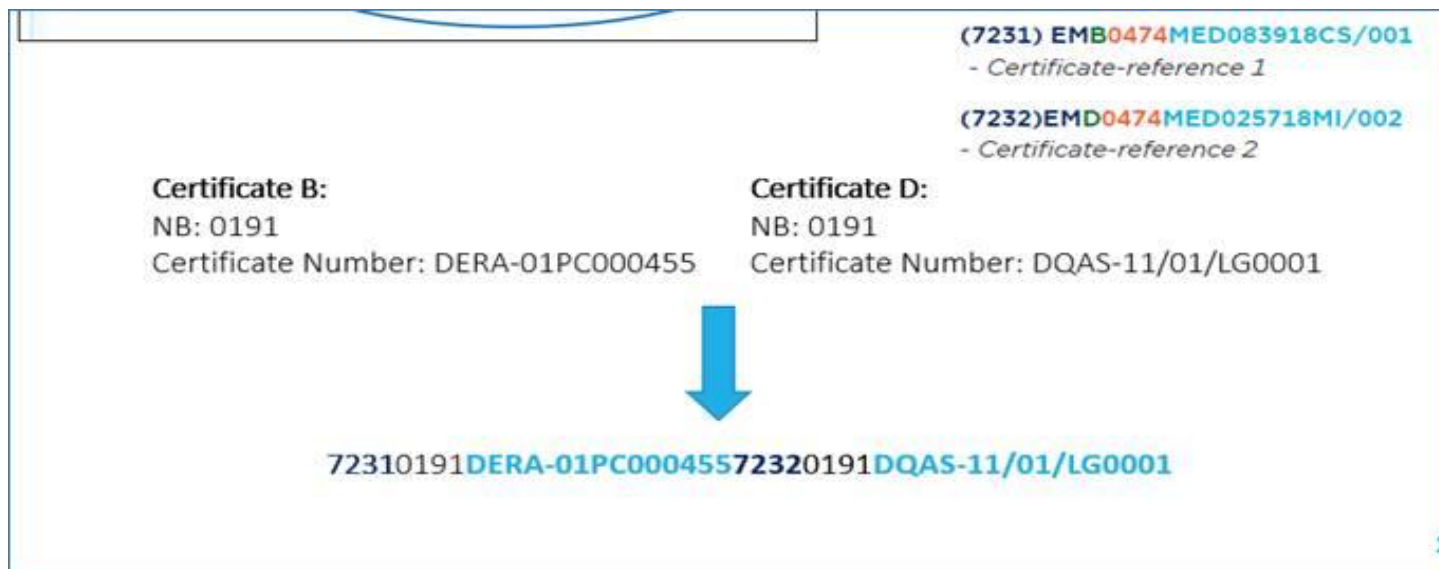
NO.	CONTACT NAME	CONTACT FUNCTION	UPLOADED DATE	DOWNLOAD	GENERATE PDF	DETAIL
23145443/SN/03/K1	John Doe	Quality Manager	2026-11-20			

MANUFACTURER SITES

 EMSA MED DATABASE Marine Equipment Directive		
The Group of Notified Bodies for the Implementation of the European Marine Equipment Directive EU Directive 2014/90/EU (MED) as amended		
2019-11-25	https://imared-portal-app.azurewebsites.net/	22:44:24
MED Product Database		
Product Information		
Product Name: Magnetic compass Class B for lifeboats and rescue boats		
Trade Name: POLARE 3'		
Restriction of Use:		
Manufacturer (placing the product on the market)		
MED Conformity Information		
Item category: Navigation equipment		
Item number and designation: MED/4.23 Magnetic compass Class B for lifeboats and rescue boats		
Applied module(s):		
Status of MED certificates: Tue Apr 20 -271821 00:00:00 GMT+0000 (Coordinated Universal Time) - Sat Sep 13 GMT+0000 (Coordinated Universal Time)		
(Combined validity period):		
Information on MED certificate(s)		
Directive related to EC Type-Examination: (EU) 2018/773 (2nd Implementing Regulation)		
EC Type-Examination Certificate Number:		
Period of Validity of EC Type-Examination Certificate: 23/05/2019 - 25/06/2022		
Comment to EC Type-Examination Certificate:		
Directive related to EC Production Certification or Unit Certification		
(Modules D, E, F, G):		

MED Product Unique Identifier

NB1cert1**NB2**cert2



Unique identification of products in the DB

prevention of records duplication

In the past have been cases where one combination of certificate repeated 138x!

- **One product / one pair of certificates**
- **For manufacturers out of EU the Authorised Representative is required**

Data submission:

- Web user interface,
- Excel data spreadsheet (templates)

Product Data

- Template_ProductSubmission [MED \(europa.eu\)](#)
- Instructions for Template Product Data Submission [MED \(europa.eu\)](#)

Declaration of Conformity :

Declaration of Conformity [MED \(europa.eu\)](#)

Manual: [MED \(europa.eu\)](#)

DOC - example



<https://portal-t.med.emsa.europa.eu/intranet/products/MDQ3NE1FRDEzMzQxOVdTMDQ3NE1FRDEzMzQxOVdTLzAwMQ%3D%3D>

[MED \(europa.eu\)](#)

Works on GEN – 52

Obligation on Declarations of Conformity submission by Manufacturers

<https://portal.med.emsa.europa.eu/intranet/recommendations/1000>

Electronic marking of MED products



Electronic marking of MED products

Cooperation with GS1 (Brussels)

Application identifier 723

Cooperation with ANSI /MH10 (US)

Data identifier 53P

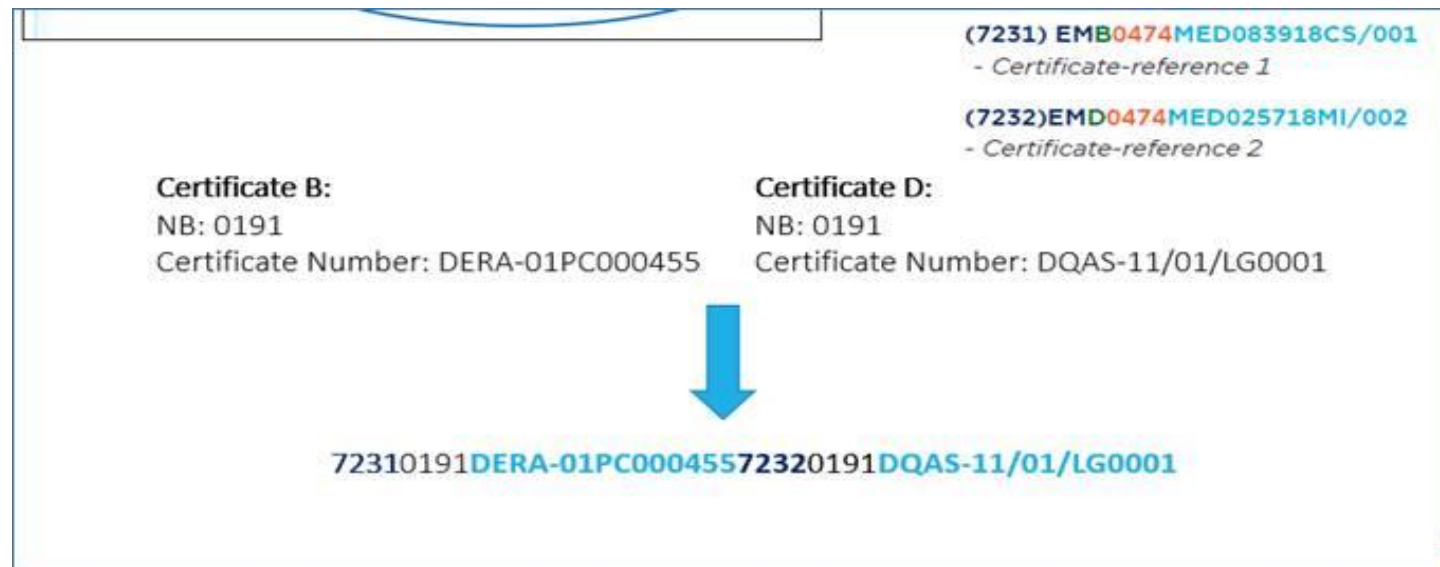
MED Product Unique Identifier

NB1cert1NB2cert2

MED e-tag

(GTIN)7231NB1cert17232NB2cert2

(GTIN)7231NB1cert17232NB2cert2



UNIVERSAL AUTOMATIC IDENTIFICATION SYSTEM EQUIPMENT (AIS)

Universal Automatic Identification of Shipping Transponder

[HOME](#) > [PRODUCT SEARCH](#) > PRODUCT DETAIL



GENERAL DETAILS

Commercial Product Name: Universal Automate
Commercial Model Name: No information av
Commercial Trade Name: JHS-180 AIS
Brand Name: No information av
Product Unique Identifier: 0191QQ-MED-24/
Restriction of Use: None

EU LEGAL BASIS

Legal Framework: 2002/75/EC
MED Item Category: MED/1 Life-saving
MED Item Number and Description: A.1/4.32 Universal
Applied Module(s): B+D

CERTIFICATE DETAILS

MODULE	TYPE	LEGAL FRAMEWORK	CERTIFICATE NUMBER	ISSUE DATE	EXPIRATION DATE
B	Type Examination	2002/75/EC	QQ-MED-24/02-01RS	Nov 18, 2005	Nov 25, 2015

MAGNETIC COMPASS

Magnetic Compass Class A

[HOME](#) > [PRODUCT SEARCH](#) > PRODUCT DETAIL



GENERAL DETAILS

Commercial Product Name: Magnetic Compass Class A
Commercial Model Name: No information available
Commercial Trade Name: OCEAN
Brand Name: No information available
Product Unique Identifier: 0191DERA-01PC0004550191DQAS-11/01/LG0001
Restriction of Use: None

EU LEGAL BASIS


CERTIFICATE DETAILS

DECLARATION OF CONFORMITY


Type Manufacturer

Production Manufacturer

Other Details


 Identifiers

ETAG: 72310191DERA-01PC00045572320191DQAS-11/01/LG0001
GTIN: No information available

 References

URL: No information available
EXTERNAL LINK: No information available

GS1 – Application identifier 723s

Type Manufacturer	Production Manufacturer	Other Details
 Identifiers		
ETAG: 72310191DERA-01PC00045572320191DQAS-11/01/LG0001		
GTIN: No information available		

According to GS1
Application Identifier data
structure

(7231) EMB0474MED083918CS/001

- Certificate-reference 1

(7232) EMD0474MED025718MI/002

- Certificate-reference 2

Certificate B:

NB: 0191

Certificate Number: DERA-01PC000455

Certificate D:

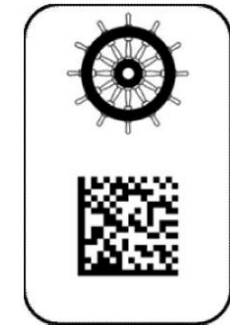
NB: 0191

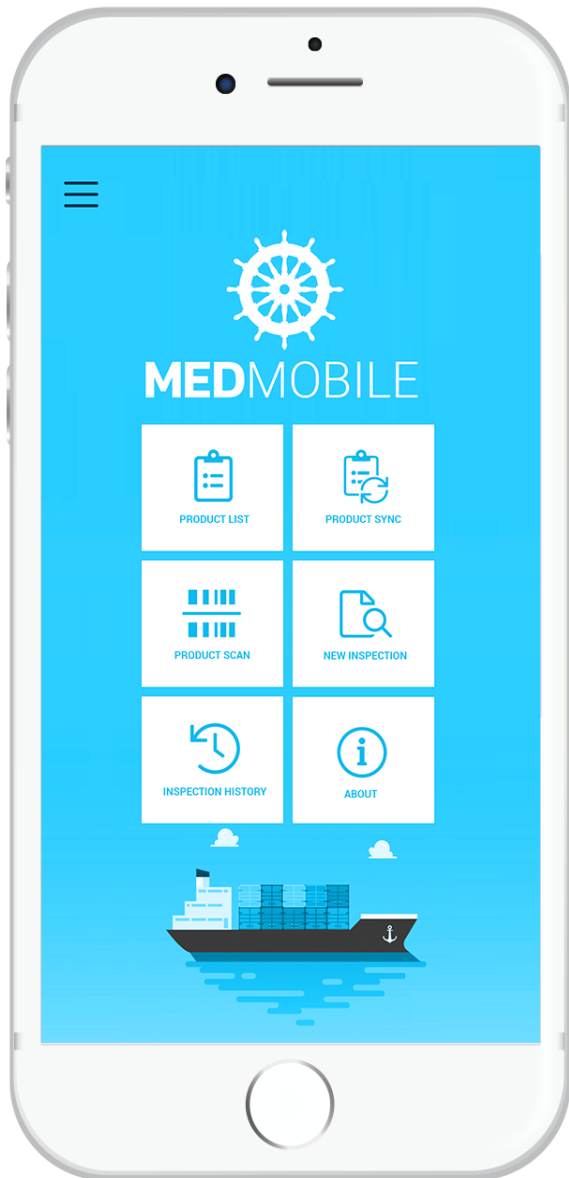
Certificate Number: DQAS-11/01/LG0001



72310191DERA-01PC00045572320191DQAS-11/01/LG0001

(GTIN)7231NB1cert17232NB2cert2





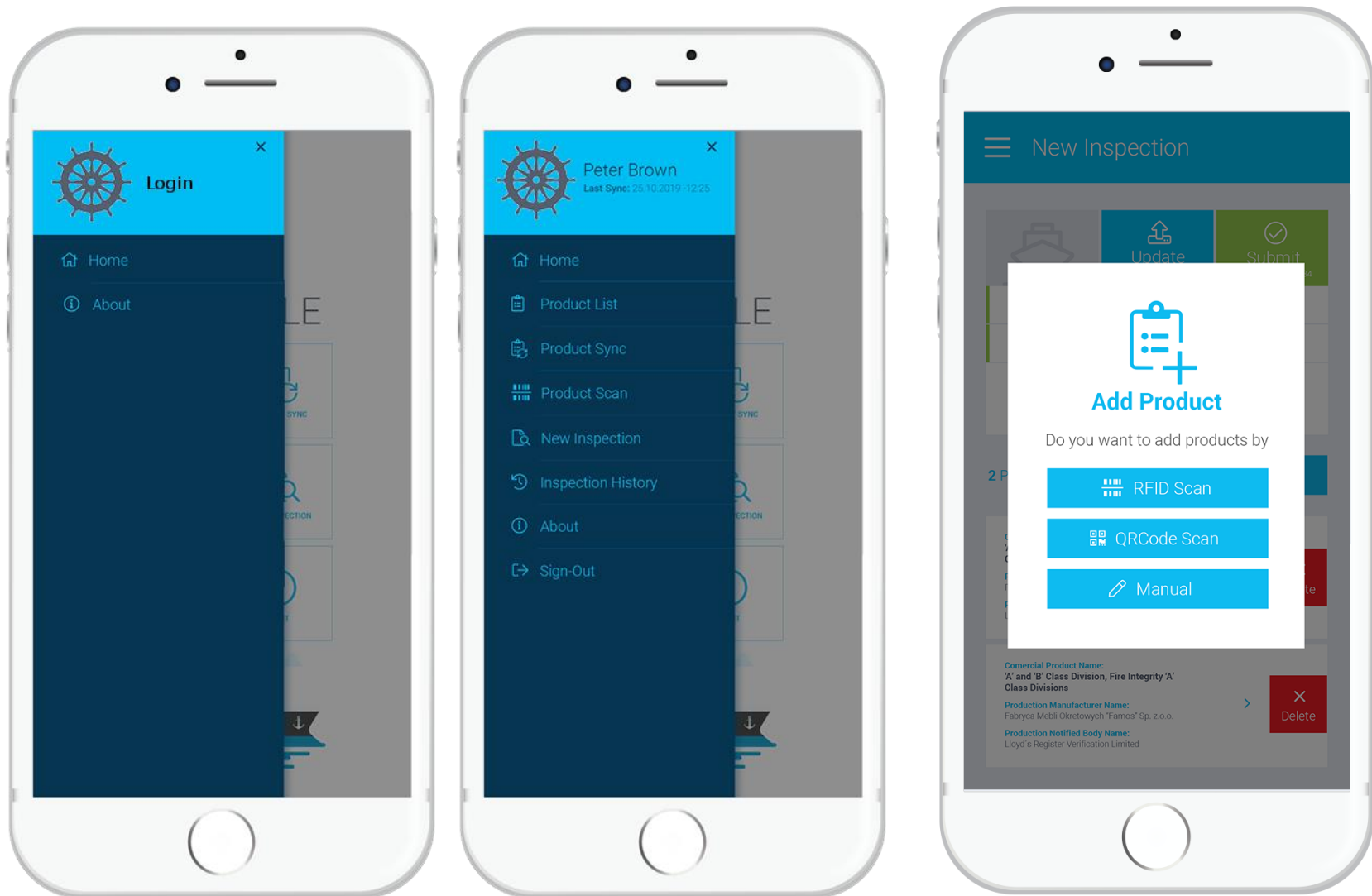
In addition to web interface, the system includes a **MED Mobile App**

Available for free download on Google Play Shop

<https://play.google.com/store/apps/details?id=com.lin.kconsulting.dev.emsa.med>

- Capability to work offline without internet connection
- The Mobile App will allow to access on site product information such as certificate, manufacturer etc.





Roadmap:

- **Constant works on improvement of the data structure and data quality
(to accommodate the imported record)**
- **Planned (merge of manufacturers profiles and set up of the unique manufacturers profile)**
- **e-Tag further implementation**

Planned activities:

- Training to manufacturers (first half 2022)

We are available to you at:

- **EMSA MED Technical Secretariat**
med@emsa.europa.eu
- **MED support 24/7 EMSA MSS**
MaritimeSupportServices@emsa.europa.eu

Thank you for your attention!

med@emsa.europa.eu

 twitter.com/emsa_lisbon

 facebook.com/emsa.lisbon



Break (15 min –till 10.45)