

MED Database / training (NA, MSA, MED EG)

Marine Equipment Directive 2014/90/EU

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Lisbon / 10/02/2021



Welcome to the training dedicated to:

- NA – Notifying Authority,
- MSA – Market Surveillance Authority,
- MED EG – Expert Group

Technical training focusing on:

- **system overview**
- **registration,**
- **accessing different type of a content.**

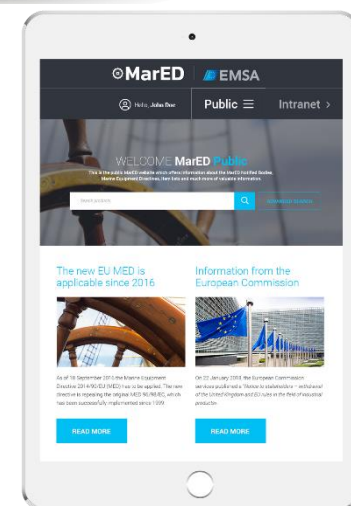
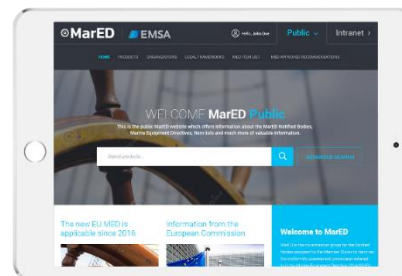
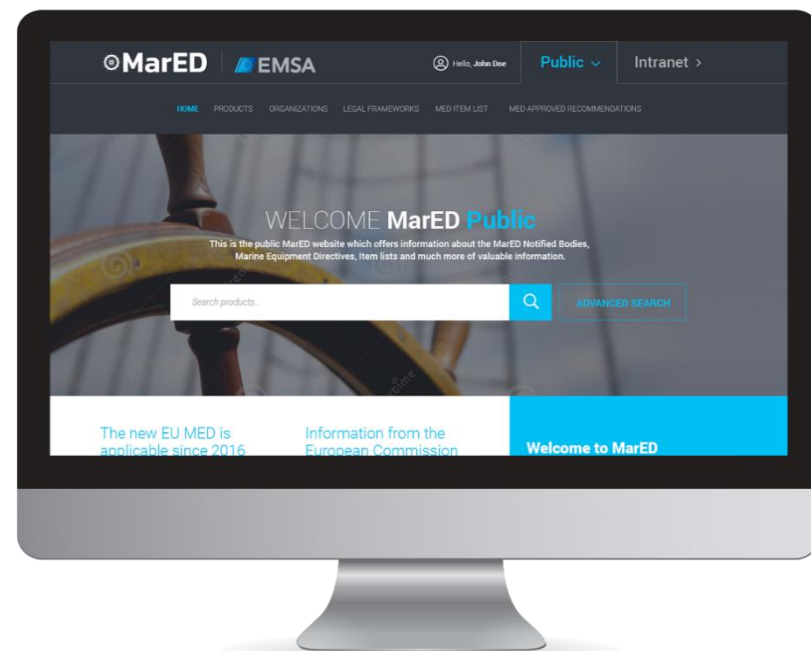
Time (Lisbon Time)	Agenda Item	Speakers
09:00 – 09:15	Opening / Introduction	EMSA
09:15 – 09:30	General overview of the system <ul style="list-style-type: none"> ■ Data and documents structure ■ Transferred data and new data User registration <ul style="list-style-type: none"> ■ Administrator profile ■ Users management (Working Groups and conveners) 	EMSA
09:30 – 09:45	Questions	Participants
09:45 – 10:15	User Interface overview <ul style="list-style-type: none"> ■ Public vs Intranet ■ Documents ■ Recommendations ■ Discussions ■ Products search 	EMSA
10:15 – 10:30	Questions	Participants
10:30 – 10:45	Data submission requirements and Policy <ul style="list-style-type: none"> ■ MED Product Unique Identifier ■ Authorise Representative, ■ Manufacturing Sites 	EMSA
10:45 – 11:00	Break	

Time (Lisbon Time)	Agenda Item	Speakers
11:00 – 11:15	Product data submission Declaration of Conformity	EMSA
11:15 – 11:30	Questions	Participants
11:30 – 11:45	MED Mobile application <ul style="list-style-type: none">■ E-tag submission,■ Use of mobile app	EMSA
11:45 – 12:00	<ul style="list-style-type: none">■ Project Roadmap■ AOB	Q&A

The aim of this session

To know how to:

- register,
- find a product,
- find recommendations,
- find documents,
- find discussion and to contribute,
- understanding ‘unique character of data’



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 repository,
 - legal texts associated,
 - information on events,
 - mobile version, scanning possibility of the e-tag etc;

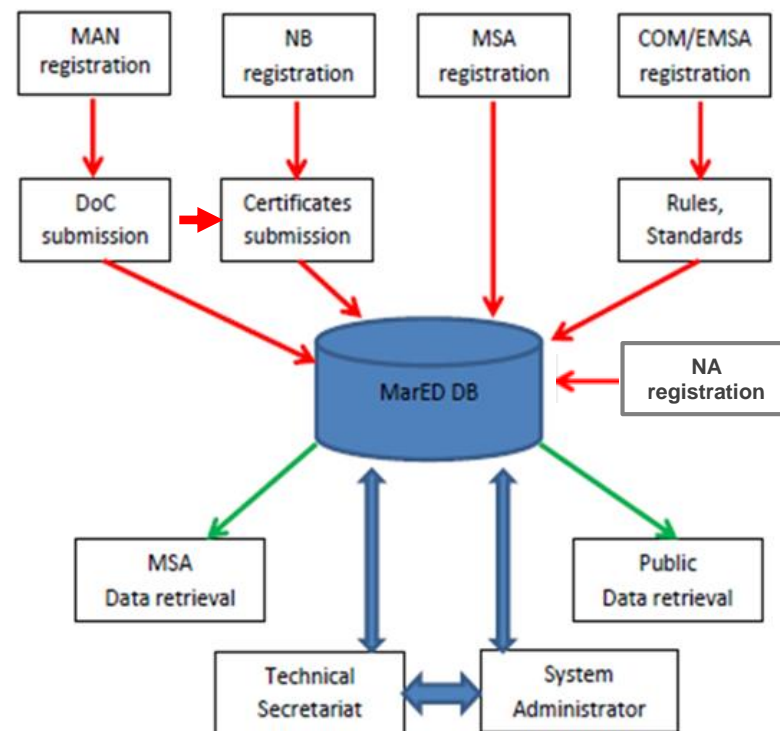
Web-based system

- **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**

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)

Challenging transfer of data from the previous portal.

- **Documents:** a few thousands with many reafferences
- **Users:** actors varies in a particular working group
- **Data inconsistency:**
 - lack of information provided by NB:
 - due to the natural evolution of reporting requirements (change of the directive, IR.)
 - low quality of data, without respect to the rules and good practice!!!

Solved many data quality issues;

(more than 100 000 entries plus thousands of documents)

- **Single point of contact in EMSA**

MED@emsa.europa.eu

- **20 April 2020 application release**

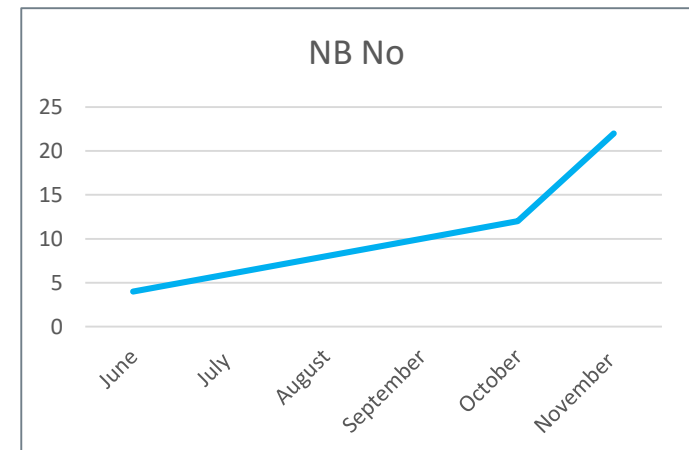
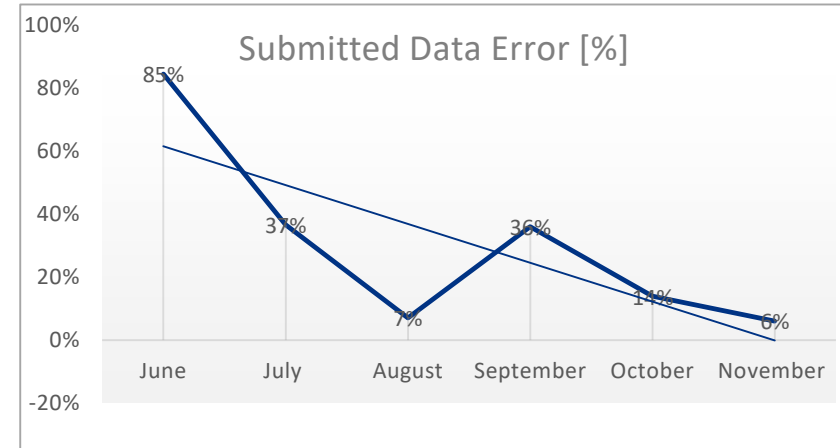
<https://portal.med.emsa.europa.eu>

Current status !!!

- **3.400 users registered around the world**
- **2.500 supportive documents stored**
- **180.000 certificates for MED product registered**

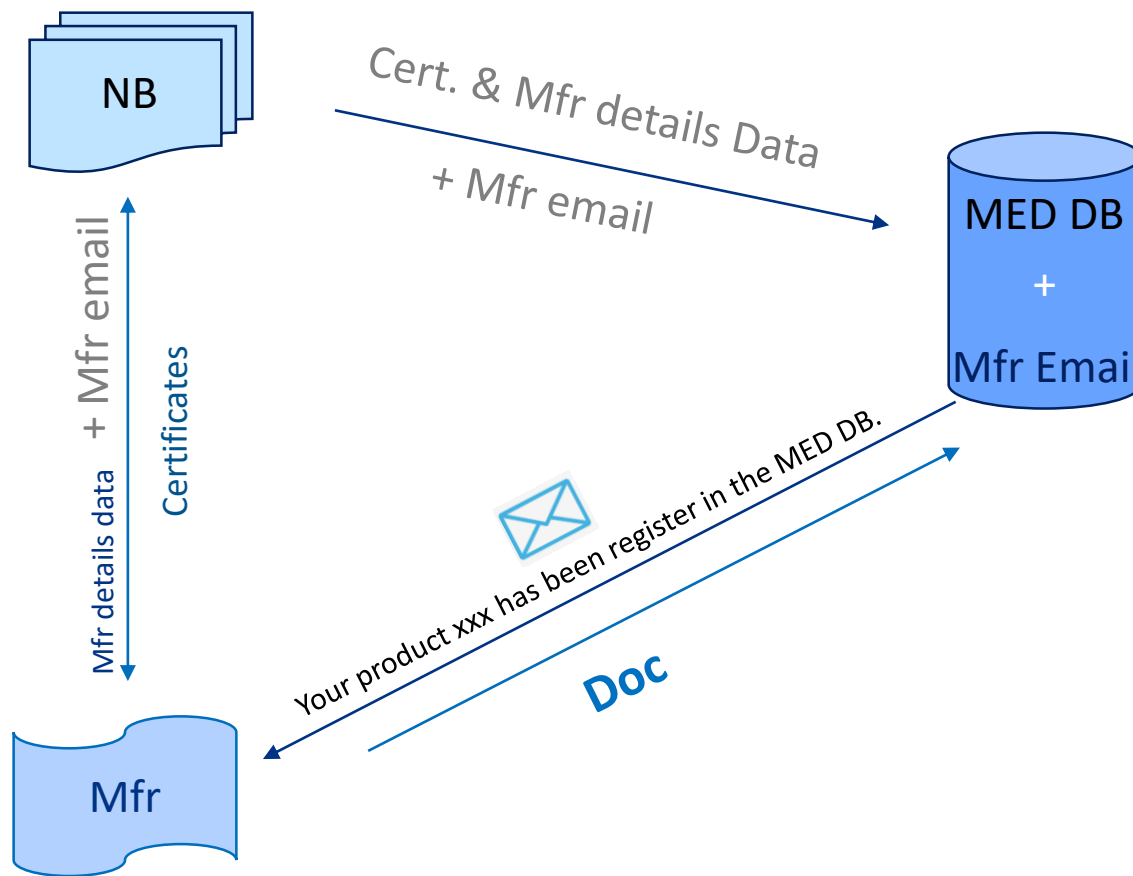
Successful use of the system!

Month	NBs	Files	Success	Error	Error [%]	Record Total
June	4	10	43	236	85%	279
July	6	58	11,566	6,695	37%	18,261
August	8	55	54,425	4,122	7%	58,547
September	10	36	3,177	1,793	36%	4,970
October	12	53	2,025	328	14%	2,353
November	22	7	845	54	6%	899
Total	18	212	71,236	13,174		84,410



System overview

Where the product data comes from?



Mfr register !!

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**

- MED Portal – Main Groups
- MED Portal - Subgroups
- MED Portal – Operational Groups
- MED Portal – Document access rights
- MED Portal – Update your 3 contact persons for

- **PR** – Presidency – Chairman, Deputy Chair – Total persons 2
- **HD** – Heads of Expertise – Convenors: LSA, POL, FIR, NAV, RAD – TotPers = 5
- **NB** – Notified Bodies – Only NB appointed by EU MS and EFTA MS – TotPers = $37 \times 2 = 74$
- **TS** – Technical Secretariat – EMSA Officers + Contractor's Experts - TotPers = $5 + 2 = 7$
- **EUMS** – 27 European Union Member States – National Officials – TotPers = $27 \times 3 = 81$
- **EFMS** – 3 EFTA Member States - National Officials – TotPers = $3 \times 3 = 9$
- **ECOM** – European Commission – COM Officials – TotPers = 5
- **USCG** – USA Coast Guard – USCG Officials – TotPers = 2
- **INDG** – Industry Guests – SeaEurope, ILAMA, CIRM Representatives = TotPers = $3 \times 2 = 6$

Total persons with access to MED Intranet Portal = 191

- **NTA** - Notifying Authorities – Only national Officials of EU and EFTA MS – TotPers = $27+3 = 30$
- **MSA** – Market Surveillance Authorities – Only EU+EFTA national Officials – TotPers = $27+3 = 30$
- **MED-EG_Core** – MED Experts – Only EU+EFTA national Officials – TotPers = $27+3 = 30$
- **OBS** – Main Observers – {NTA+COM} – TotPers = $30 + 5 = 35$
- **OBG** – Guest Observers – {INDG +USCG} – TotPers = $6 + 2 = 8$

Total persons with access to MED Intranet Portal = 191

- **MarED Group** = {PR ∪ HD ∪ NB ∪ TS}- Roll Call = 2 + 5 + (74-5) + 7 = 88 voices
- **HC** = {MarEDGroup ∪ OBS ∪ OBG} – Roll Call = 88 + 35 + 8 = 131 voices, 37 votes
 - $AHD_{cat(*)}$ = {AdHoc category discussions - HD, TS, HD's guests} Roll call > 8
 - $AHD_{adr-nnn}$ = {AdHoc document discussion - HD, TS, HD's guests} Roll call > 8
 - **PMM** = {Preparatory meeting for MarEDGroup meetings - PR, HD, TS} Roll Call = 14
- **PMC** = {Preparatory meeting for COSS readiness - PR, HD, TS, COM}
- **MED_EG** = {[MED_EGCore ∪ COM ∪ PR ∪ HD ∪ TS ∪ OBS2]} = 39 voices, 27 votes

(*) cat=LSA, POL, FIRE, NAV, RAD

(**) adr-nnn Ex. LSA-088, POL-012, FIRE-079, NAV-024, RAS-005

- **Stage Q** – PR, HD, TS, + Sponsor + PR/HD Guests
- **Stage DR** – PR, HD, TS, + Sponsor + PR/HD Guests
- **Stage ADR** - MarED Group, NTA, COM, + PR/HC Guests
- **Stage ADR to COSS** – PR, HD, TS, COM + MED_EG Guests
- **Stage AR** – Public

PR/HD Guests may be INDG total or partial and external experts (Standardization bodies, Accreditation Bodies, Universities, Research Centers, etc)

Other:

- Minutes – All attendees
- Information notes – MarED Group + PR/HD Guests
- Procedures – MarED Group, NTA, COM

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

National Notification Authority
National Market Surveillance Authority
MED Expert

Each one acting as focal point to the MED Portal for your Administration Staff.

Registration Summary

(how to become a user of that portal)

Set up administrator profile for your organisation

(email address as per DG GROW or by MS to EMSA)

Register yourself and other users from your org.

(create public rights account)

Add users to your organisation

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

Web interface (Public vs Intranet)

ORGANIZATIONS

LEGAL FRAMEWORKS

ITEMS

APPROVED RECOMMENDATIONS

Organisations

<https://portal.med.emsa.europa.eu/public/organizations>

Legal Framework

<https://portal.med.emsa.europa.eu/public/legal-frameworks>

Items 1.2c

[https://portal.med.emsa.europa.eu/public/items/eyJhZ2dyZWdhbGlvbklkljoiTUVELzEuMyIsImI0ZW1JZCI6lihFVSkgMjAxOSxMzk3X01FRC8xLjMifQ%3D%3D?legalFramework=\(EU\)%202019%2F1397](https://portal.med.emsa.europa.eu/public/items/eyJhZ2dyZWdhbGlvbklkljoiTUVELzEuMyIsImI0ZW1JZCI6lihFVSkgMjAxOSxMzk3X01FRC8xLjMifQ%3D%3D?legalFramework=(EU)%202019%2F1397)

Approved Recommendations

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

Intranet

Please note that the content is available to users which:











- are members of it's Organisation,
- belong to the group to which that specific content is addressed to,

*Having that in mind, please be aware that despite following https links included in the presentation you might not see the content.

EVENTS DOCUMENTS DISCUSSIONS WORKING SHEETS RECOMMENDATIONS MEMBERS MY ORGANIZATION

Documents

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

✓	MED 20-081	MarED 20-825	20-825r1 IN MarED Open Action List 240420.docx	Information Note	2020-08-12, 15:42	3		
✓	MED 20-080	MarED 20-824	20-824r1 IN MarED Comments Liaison ISO TC8 SC1 270320	Information Note	2020-08-12, 15:38	1		
✓	MED 20-079	MarED 20-817	20-817r1 IN Answer Radio Convener to Sweden 130220	Information Note	2020-08-12, 15:30	1		
✓	MED 20-078	MarED 20-816	20-816r1 IN Answers from COM to Questions HC39 170220	Information Note	2020-08-12, 15:29	1		
✓	MED 20-077	MarED 20-811	20-811r1 IN Registration and Hotel Meeting 40 220120	Information Note	2020-08-12, 15:16	1		

EVENTS DOCUMENTS DISCUSSIONS WORKING SHEETS RECOMMENDATIONS MEMBERS MY ORGANIZATION

Discussions

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

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

RESPONSES



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>

Product Search (Public vs Intranet)

Product search

PRODUCT SEARCH

Search the MED database for products.

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

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

☒ BASIC ☐ ADVANCED

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.

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

FILTERS

Search Term

☒ ADVANCED

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 > >>

[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

 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):		

Unique identification of products in the DB

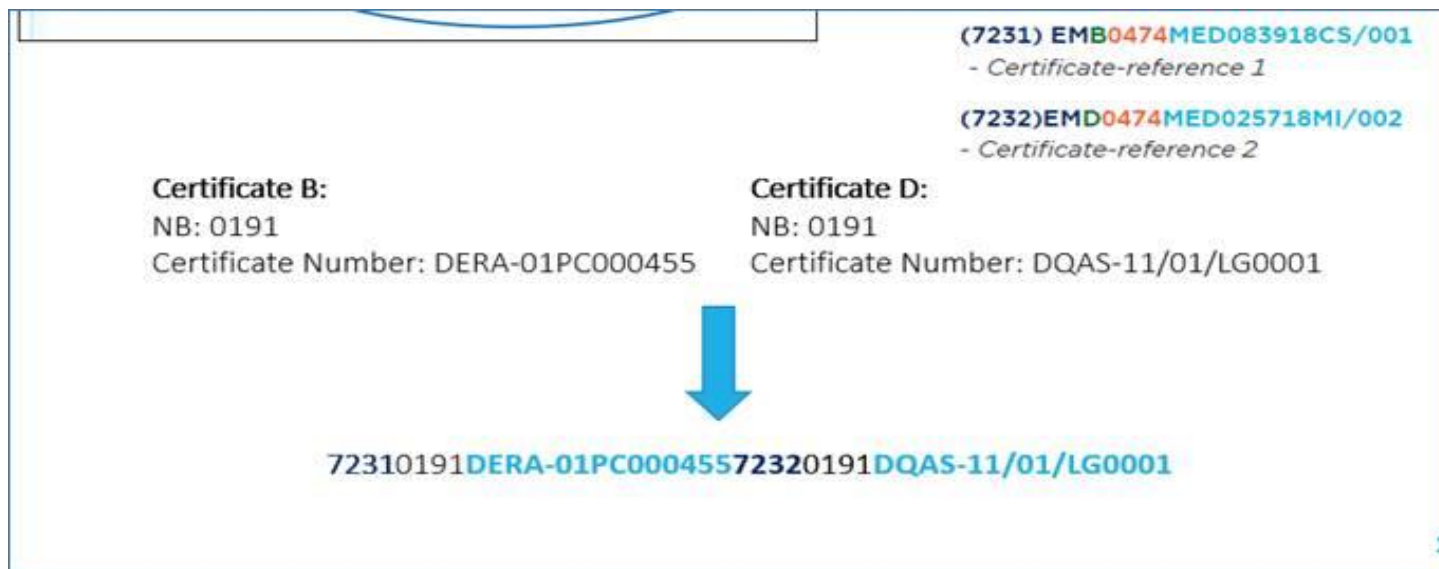
prevention of records duplication

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**

MED Product Unique Identifier

NB1cert1NB2cert2



Summary / Session 1

To know how to:

- **register**, (create the admin profile first)
- **find recommendations**,
(recommendations separated from documents)
- **find documents**,
- **find discussion and to contribute**,
(open all tabs – go to responses section)
- **Meaning of the ‘data unique character’**
(objectives: increase transparency and products identification)

Session 2 content:

- **Product Data:**
 - Submission
 - Update,
 - (certificate renewal)
 - Withdrawal of a certificate
- **DOC**
- **MED Mobile app**

Practical example

(Please find attached template for data submission)

DoC – example (the template will be adjusted to the most recent version)

AdCo MED EU Declaration of Conformity (DoC)

1. Unique Identification of the Product

Product Name:	Life jackets
Trade Name:	QA-8030
Product Identifier:	DOC2/EULJ1/SizeM
Type:	Life jacket DOC
Batch Number:	hj1/Sr2/3436
Serial Number:	null
Additional Information:	null

2. This Declaration of Conformity is issued under the sole responsibility of the Manufacturer:

Manufacturer:	Name: Life jackets (ID:)
	Address:
	Telephone: N/A Fax: N/A Email: N/A
	Website: N/A

3. Authorized Representative (if applicable):

Authorized Representative:	Name: FANG FANG TAN (HOT MIX OY FINLAND) (ID: AR0000000660)
	Address:
	Telephone: N/A Fax: N/A Email: N/A
	Website: N/A

4. The object of the declaration described above is in conformity with: Directive (EU) 2019/1397

Legal Framework:	(EU) 2019/1397 (3rd Implementing Regulation)
Item Category:	Life-saving appliances
Item Number/Designation:	MED1.4 - Lifejackets

5. References to the relevant performance requirements and testing standards (according to the (EU) 2019/1397 of 2019-09-13, first placing on the market: N/A)

Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	Testing Standards - IMO Res.MSC.81(70) as amended.
Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/34, - IMO Res.MSC.36(63)-(1984 HSC Code) 8, - IMO Res.MSC.48(66)-(LSA Code) I, - IMO Res.MSC.48(66)-(LSA Code) II, - IMO Res.MSC.97(73)-(2000 HSC Code) 8, - IMO MSC/Circ.822, - IMO MSC.1/Circ.1304, - IMO MSC.1/Circ.1470.	

6. The notified bodies (listed below) have the following [B+D] conformity assessment procedures and issued the certificate(s):

Module: B	Module: D
Type: Type Examination	Type: Production or Unit Verification
Legal Framework: (EU) 2019/1397	Legal Framework: (EU) 2019/1397
Certificate Number: MED133419WS	Certificate Number: MED133419WS/001
Issue Date: 2019-10-14	Issue Date: 2019-11-12
Expiry Date: 2024-10-13 (Active)	Expiry Date: 2022-11-11 (Active)
Notified Body: 474 - RINA Services S.P.A.	Notified Body: 474 - RINA Services S.P.A.

7. Signature:

Signed for and on behalf of: Life jackets

Lisbon, 2021-02-09

(place and issue date)

John Doe, Quality Manager

(name and function)

(signature)

DoC two ways of submission:

- excel template
- web user interface (pre-filled)

Works on GEN – 052

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

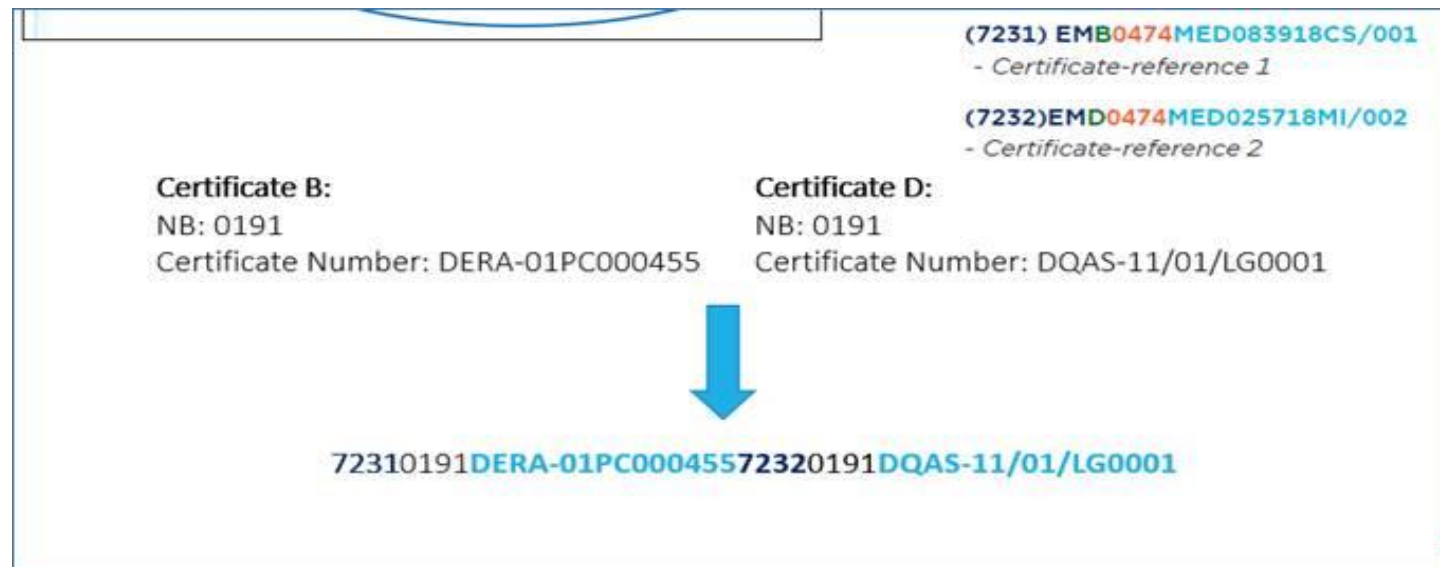
MED Product Unique Identifier

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


[BACK](#)

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


[BACK](#)

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


References


ETAG: 72310191DERA-01PC00045572320191DQAS-11/01/LG0001

GTIN: No information available

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:

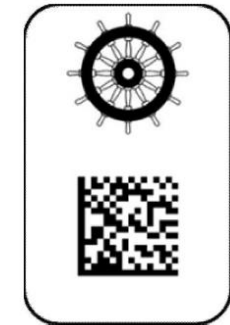
NB: 0191

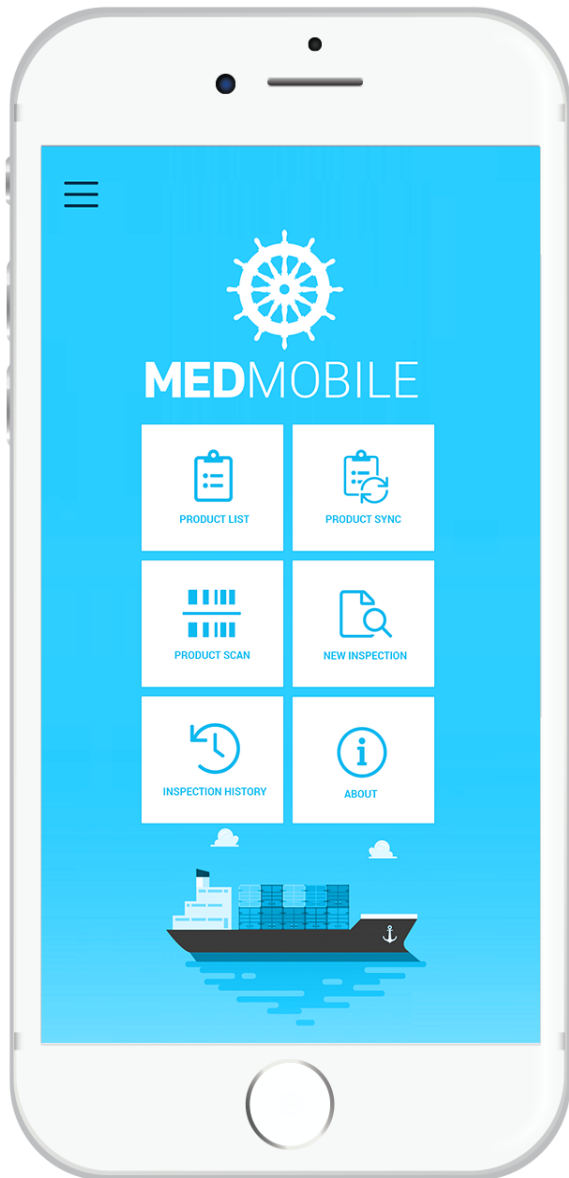
Certificate Number: DQAS-11/01/LG0001



72310191DERA-01PC00045572320191DQAS-11/01/LG0001

(GTIN)7231NB1cert17232NB2cert2





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

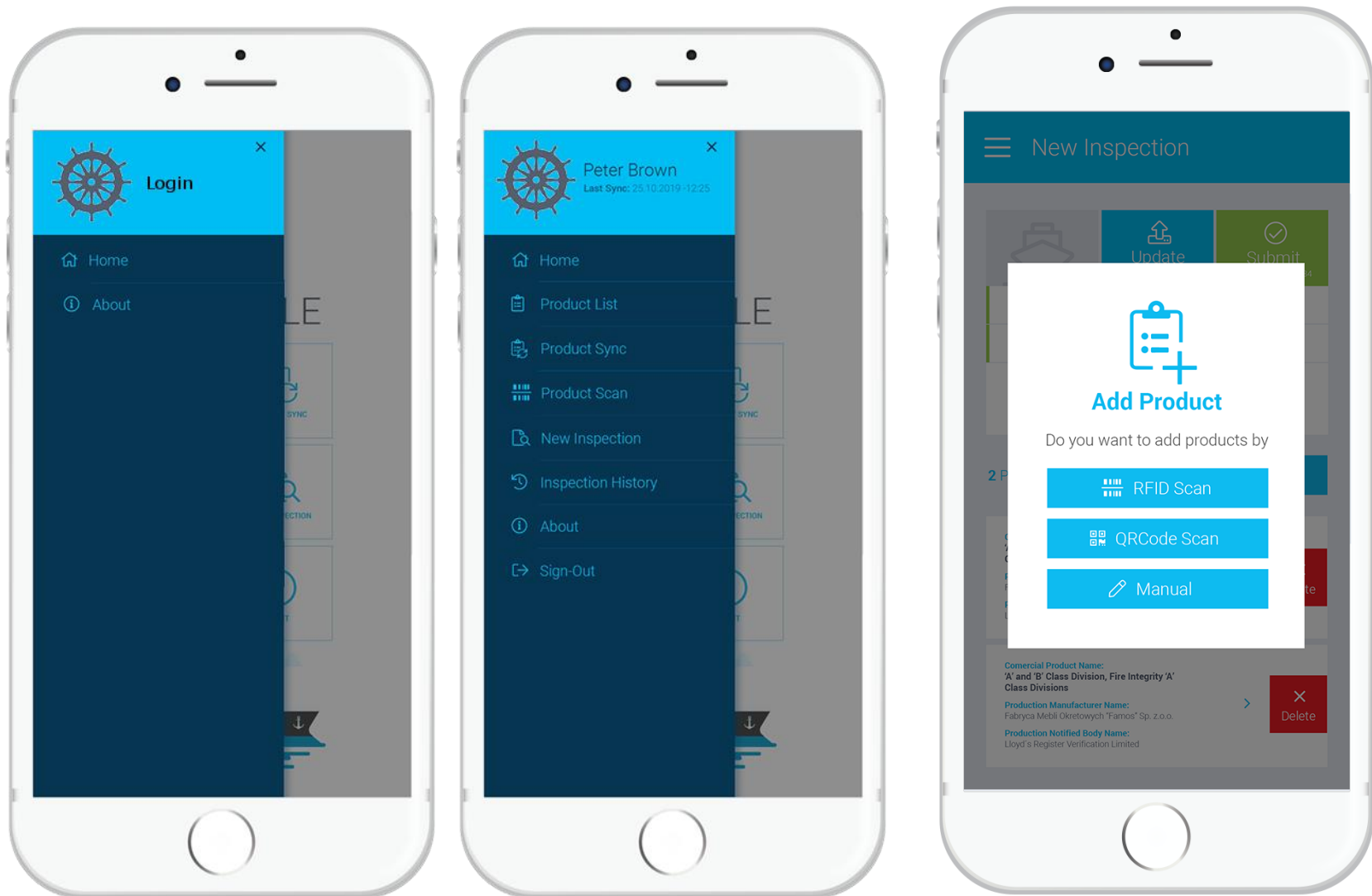
Available for free download on Google Play Shop

<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.



MED Mobile App



Roadmap:

- **Currently works ongoing to improve the data structure
(to accommodate the imported record)**
- **Planned (merge of manufacturers profiles)**
- **Set of improvements:**
 - Notifications, documents, recommendations
- **e-Tag further implementation**

We are available to you at:

med@emsa.europa.eu

Thank you for your attention!

med@emsa.europa.eu

 twitter.com/emsa_lisbon

 facebook.com/emsa.lisbon

