



# MINISTÈRE DE LA MER

*Liberté  
Égalité  
Fraternité*



## **Pilot projet for the facilitation of ship to shore reporting**

**Operational test performed by the MRCC Jobourg and the  
MRCC Corsen as VTS centers.**

***Feedback on IRD V2.***

**Directorate for Maritime Affairs- SAR and maritime traffic office: Hervé METAYER**

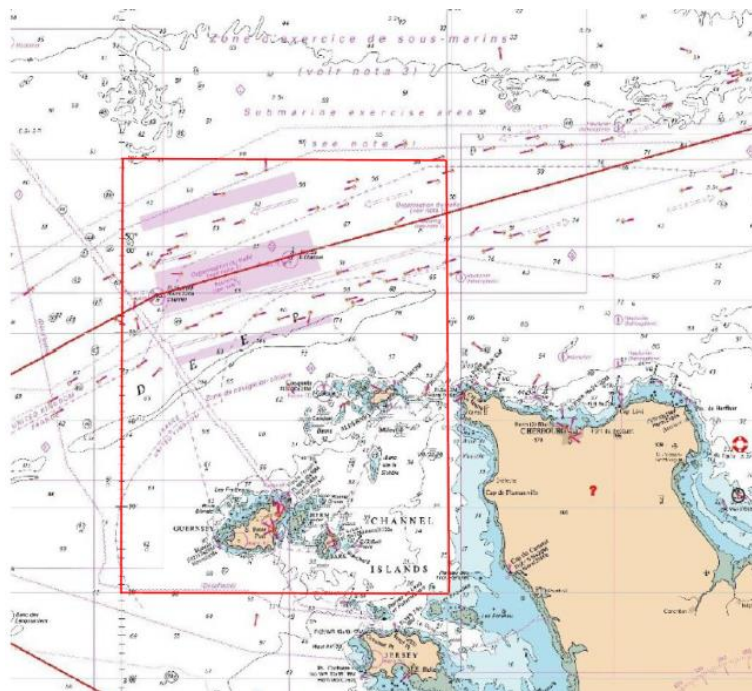
**JOBourg MRCC : François AMAUDRIC DU CHAFFAUT, head of navigation and pollution surveillance service**

**CORSEN MRCC: Sébastien LOPEZ, head of navigation and pollution surveillance service**

# CROSS JOBOURG ( declared as MRCC- MAS and VTS center )

Pollution monitoring and coordination center in the English Channel in French area of competency (EEZ). VTS duties including one Mandatory ship reporting system in the Casquet TSS (Mancherep).

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## Context and Goals

Jobourg MRCC ran an experimental campaign of the IRD v.2 during the month of March of 2021. This campaign aimed at:

- Quantify the amount of errors in the ISR;
- Determine aspects that, if modified, could make the system even more user friendly.

For efficiency purposes this feedback will only focus on elements that are to be improved beginning with a quantitative and qualitative analysis.

That said, elements were pleasantly welcomed by operators are to be noted such as:

- ISRs are easier to read thanks to less abbreviations since the last version;
- ISRs are easy to request;
- Previous MRS are part of the report.

## Test parameter

ABM : automatic reports on several chosen vessels

IRD set to generate reports for 11 vessels transiting by the MSR system  
→ proved to be irrelevant : these vessels didn't went through Casquet TSS during the 1 month long test

Manual : request made for particular vessels regarding their position and their voyage

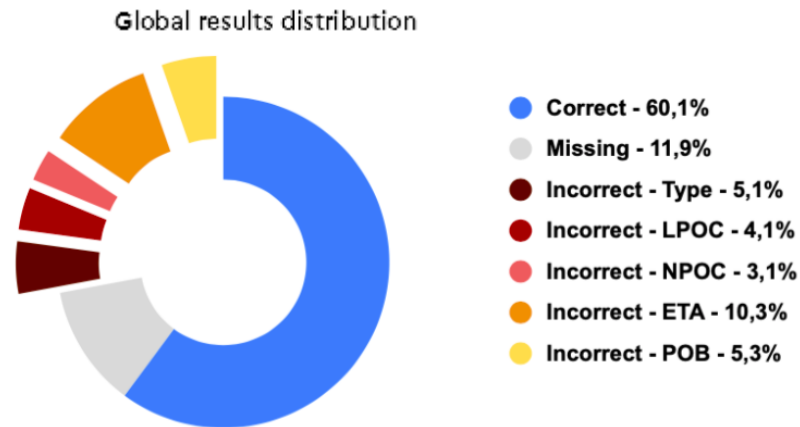
Duration of the test : 1 month

## Quantitative feedback

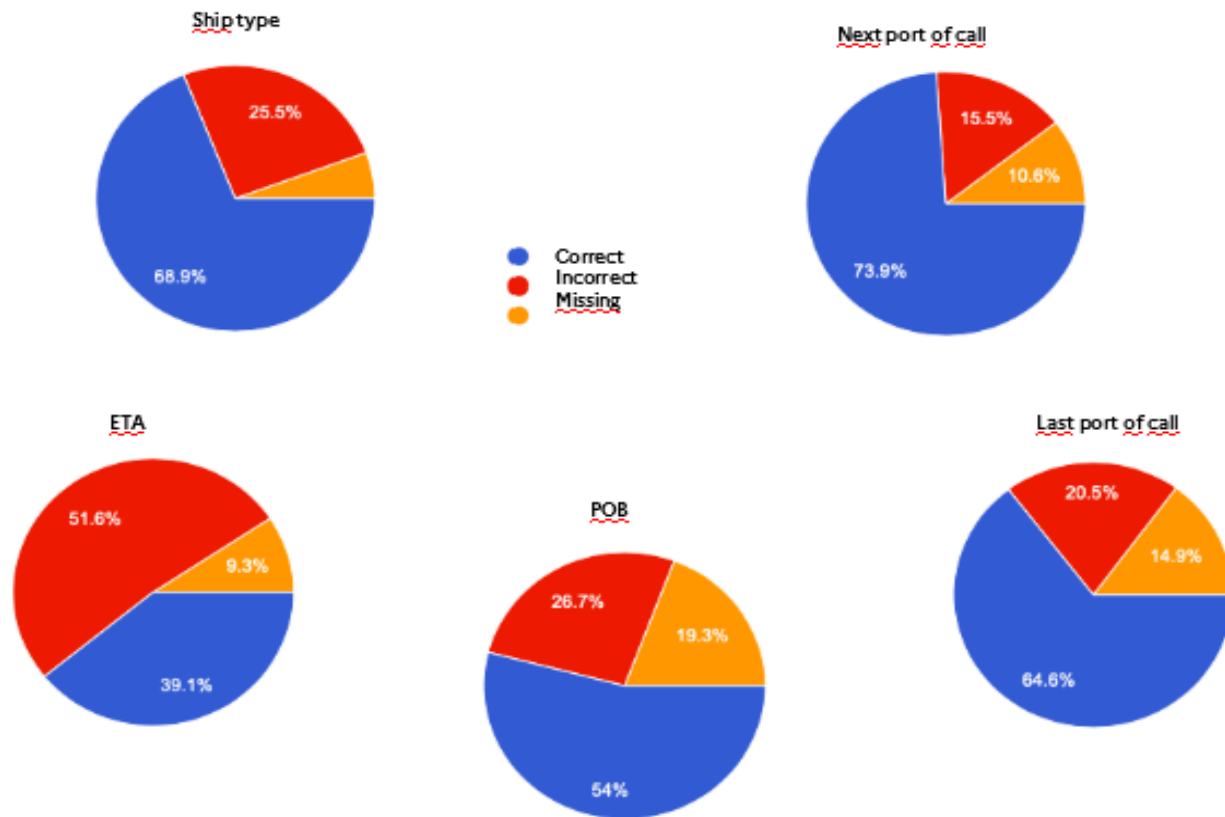
Too many false.

In terms of errors, amongst 162 ISR the accuracy of 5 elements was checked by comparison to a MANCHEREP that was made previously to the request of the ISR:

- Type of the ship
- Last port of call
- Next port of call
- ETA
- POB



## Quantitative feedback

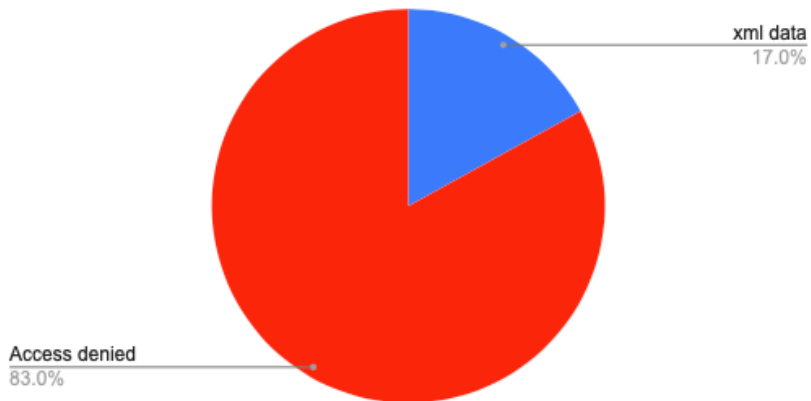


## Quantitative feedback

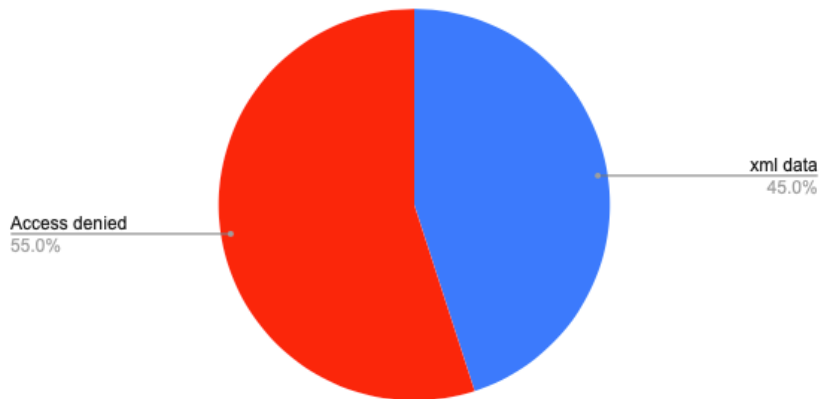
Too many missing Hazmat and bunker details with too many unusable links.

The presence of Hazmat and of Bunker details was also studied such as the link available that led either to unreadable xml data or to “access denied”. We observed **36%** of checked ISRs with Hazmat and only **4%** with bunker details.

4% of ISRs have bunker details. Amid those :



36% of ISRs have Hazmat. Amid those :



## Quantitative feedback

During this campaign we noticed elements that, if modified, could make ISRs more user friendly such as:

- Data considered as useless: CSDID, ETD and ATD from previous port of call, Position in port of call, Heading
- Redundant data: ShipCallIDDeparture-Arrival / Last-next port of call, Heading / True Heading
- Ambiguous data: replace “port of call” by “last” or “next port of call”.
- Measurement units are missing
- Ship’s type is correct but not accurate, almost always general cargo
- Loading time to « request ISR » or to access the clickable link when hazmat or bunker details are present is long



# Improvement proposal

## ***Structure of the ISR:***

- When an information is missing, keep the line and let an empty space;
- Make the ISR more compact, so it would be easier to read without scrolling ;
- Hazmat and bunker details could be directly in the ISR without having to go through a clickable link
- Hazmat and bunker details are not readable under wml format
- Cargo details

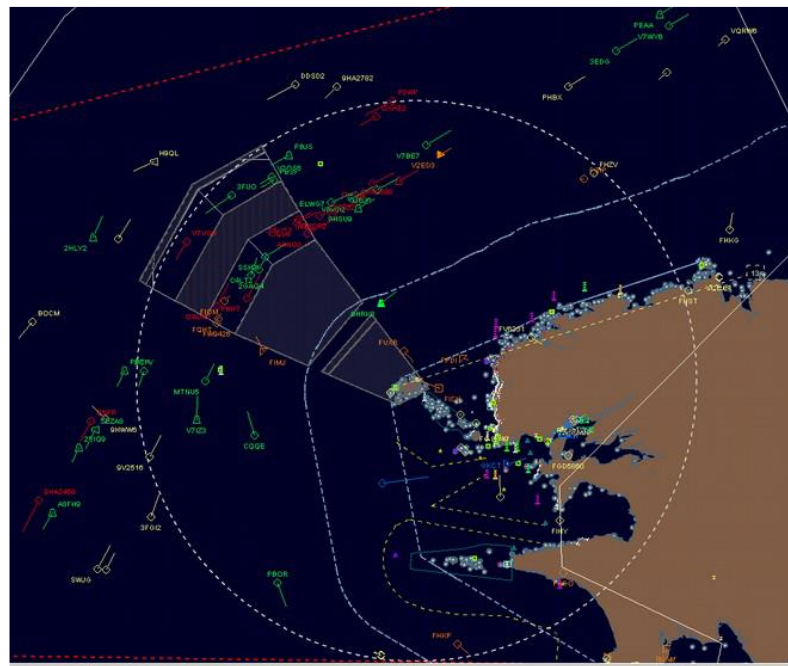
# Improvement proposal

## ***Consistency check:***

- When interrogating every databases in order to build the ISR, if the system comes across different and non coherent information, all the data could be present in the ISR in red for example to show the coherence conflict.
- If false data is spotted : a feedback tool could be useful (for example a change in the vessel's name)
- Prioritize the data check: first look for the HAZMAT and BUNKERS datas in the national base, then in SSN.

# CROSS CORSEN ( declared as MRCC- MAS and VTS center )

Pollution monitoring and coordination center in French area of competency (EEZ). VTS duties including one Mandatory ship reporting system in the Ushant TSS (OUESSREP).



## Test parameter

ABM : automatic reports on several chosen vessels

IRD set to generate reports for LNG CARRIER transiting by the MSR system.

Duration of the test : 1 month

## Quantitative feedback

### POSITIVE ASPECTS :

- System extremely easy to operate;
- Manual request is extremely fast;
- Several informations usefull for mandatory reports;
- All requested data can be reviewed in the history menu.

GENERAL

REQUEST ISR

SHIPS

LIST OF GENERATED ISRS

From:

02/04/2021 00:00:00

To:

02/04/2021 23:59:59

SEARCH

Show

10

entries

Search:

Report Id	Status	Created Timestamp	IMO Number	MMSI Number	Ship Name	Call Sign	Ship Type	Vessel Event	Report Trigger	
85081	OK	02/04/2021 14:20:59	9834325	477345600	LNG MEGREZ	VRSQ9			MANUAL	<a href="#">Report Content</a>
85079	OK	02/04/2021 14:04:54	9360829	538003073	UMM AL AMAD	V70E6			MANUAL	<a href="#">Report Content</a>
85077	OK	02/04/2021 13:44:44	9418793	249028000	MRC SEMIRAMIS	9HIN9			MANUAL	<a href="#">Report Content</a>
85075	OK	02/04/2021 13:35:01	9768368	212654000	BORIS VILKITSKY	5BST4			MANUAL	<a href="#">Report Content</a>
85070	OK	02/04/2021 13:23:46	9359569	538003359	GAS SHURIKEN	V7QG7			MANUAL	<a href="#">Report Content</a>

## Quantitative feedback

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## Difficulty encountered

even if the « request ISR » is possible on name or MMSI or C/S, vessel is only available when using IMO number

### Distribution Service Details

GENERAL
REQUEST ISR
SHIPS
LIST OF GENERATED ISRS

Search by
IMO
9418793

Show 10 entries
Search:

Vessel Id	IMO Number	MMSI Number	CSD Id	Ship Name	Call Sign	Country Code	Thetis Type Code	Thetis Type Description	Status
47226	9418793	249028000	167799	MRC SEMIRAMIS	9HIN9	MT	310		V

Showing 1 to 1 of 1 entries
Previous
1
Next

<Distribution Services

### Distribution Service Details

GENERAL
REQUEST ISR
SHIPS
LIST OF GENERATED ISRS

Search by
IMO
MRC SEMIRAMIS

(No data available)

## Difficulty encountered

LNG carrier is split between several types :

- Gas Carrier / Tanker cc or not clearly stated. But it seems there is no LNG on data bases

**Result : ABM alarm based on LNG CARRIER inoperative.**

### Navire identifié

Indicatif	ZCEY5	Nom	GASLOG WESTMINSTER	Immat.	Validité
OMI	9855812	Type Navire	Navire de Commerce (OMI)	Pavillon	BM/BERMUDES
MMSI	310795000	Commerce	LNG:Transport Gaz Naturel Liquéfié	Longueur	297 m lht
Année de construction	2020	Type de coque	Double coque		

CSDID	405699
IMO	9855812
MMSI	310795000
Call Sign	ZCEY5
Ship Name	GASLOG WESTMINSTER
Flag	Bermuda

### Navire identifié

Indicatif	5BST4	Nom	BORIS VILKITSKY	Immat.	Validité
OMI	9768368	Type Navire	Navire de Commerce (OMI)	Pavillon	CY/CHYPRE
MMSI	212654000	Commerce	LNG:Transport Gaz Naturel Liquéfié	Longueur	299 m lht
Année de construction	2017	Type de coque	Double coque		

Vessel Identification	
CSDID	370951
IMO	9768368
MMSI	212654000
Call Sign	5BST4
Ship Name	BORIS VILKITSKY
Flag	Cyprus
Ship Type	Tankship + cc



## Difficulty encountered

Next port of call not always clear :

Voyage					
Port de départ (POD) *	Murmansk	RUMMK	Port d'arrivée (POC) *	Port Said	EGPSD
HPA (ETA)	09/04/2021 16:00		Tirant d'eau (DFT) *	11,4	m
Membres d'équipage (CRW)	28	Passager (PAS) 0	Clandestins (STO) 0	Personnes à bord	28
Etat de navigation (NAV)	0 (en route)				
Cargaison					

Destination – ETA – and purpose not easy to understand.

Next stop for bunkering

Destination port said 09/04.

Voyage data	
ShipCallIDArrival	ESALG202105187
Previous Port of Call	Murmansk (RUMMK)
ETD from Previous Port of Call	2021-03-26T23:00:00Z
Port of Call	Algeciras (ESALG)
ETA to Port of Call	2021-04-04T06:00:00Z
ETD from Port of Call	2021-04-04T08:00:00Z
Subsequent Port of Call	Port Said (EGPSD)
Brief cargo description	No Description available
PurposeOfCall	Purpose of Call: Taking supplies

## Difficulty encountered

Acces to HAZMAT , security level or waste details not available in some cases:

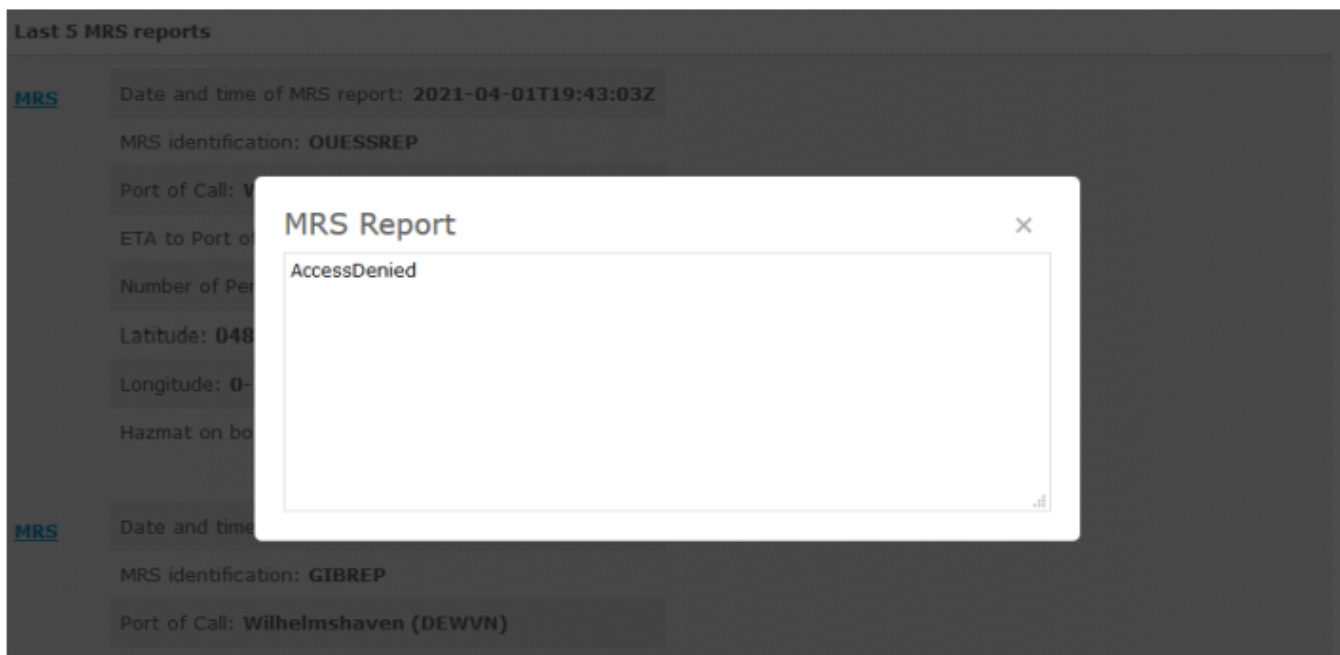
Previous Port of Call	Ras Laffan (QARLF)
ETD from Previous Port of Call	2021-03-22T05:00:00Z
Port of Call	
Position in	
ETA to Port	
ETD from P	
Number of	
Hazmat on board	<a href="#">Yes</a>
Waste delivery status	<a href="#">None</a>
Current Ship Security level	<a href="#">SL1</a>

Ship Call

AccessDenied

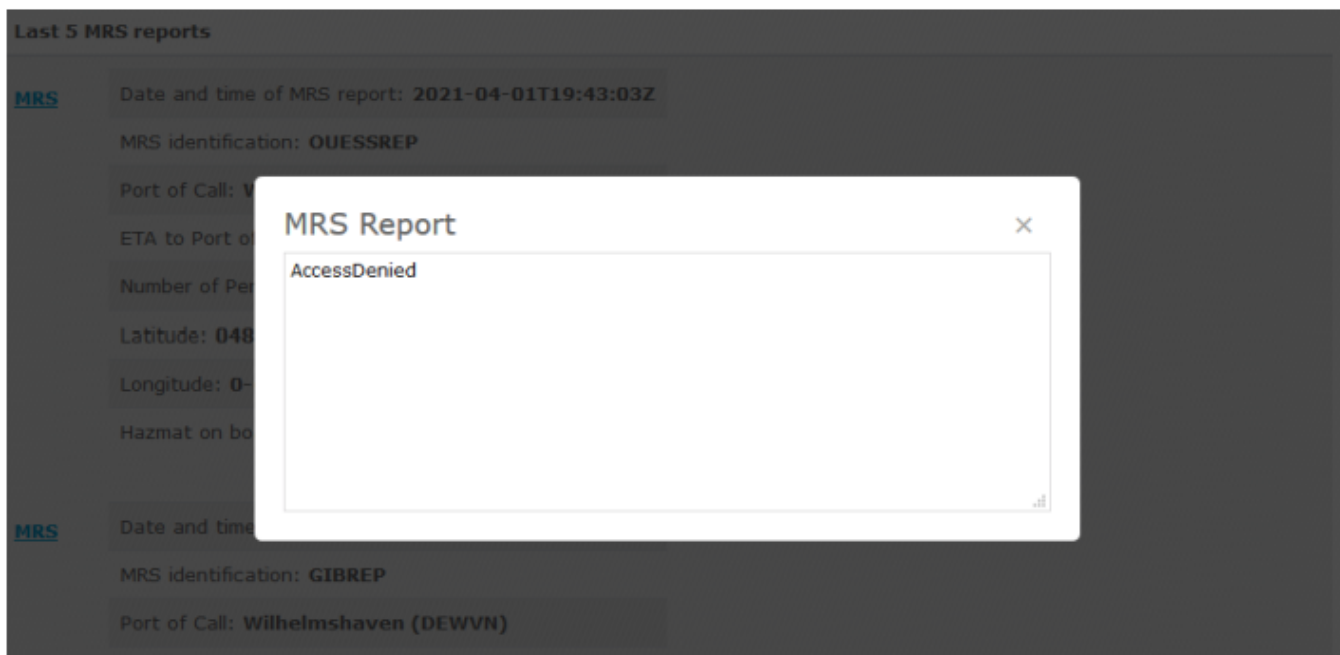
## Difficulty encountered

Access to previous MRS limited:



## Difficulty encountered

Access to previous MRS limited:



# THANK YOU FOR YOUR ATTENTION