

Paris, May 12th 2016

N° 002 SHOM/DMI/REX/NP

SERVICE HYDROGRAPHIQUE
ET OcéANOGRAPHIQUE
DE LA MARINE
DIRECTION DES MISSIONS
INSTITUTIONNELLES ET DES
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**FRANCE SELF-ASSESSMENT
TO THE 39TH USCHC CONFERENCE**

1. Background

In the perspective of the forthcoming 39th US-Canada Hydrographic Commission Conference, SHOM provides the Commission with an update of hydrographic surveying and nautical charting of the French overseas collectivity Saint-Pierre et Miquelon, included in charting region A.

2. Surveys

2.1. Coverage of new surveys

Survey works were performed by the French Navy 2nd survey ship *Laplace* and her two launches during its deployment in the region from May to July 2014. The main controlled areas were the approaches and the harbour of Saint-Pierre, the bay and the harbour of Miquelon, a part of *Anse du Gouvernement* in the North of *Petite-Miquelon*, and an area of shallow depths off the *Pointe aux Soldats* (see below figures 1 to 3). Some other data and information were also acquired in those areas regarding topography, tides and currents, landmarks and buoyage. During a call in Halifax, a meeting was held with the Canadian Hydrographic Service (CHS) about the work done in Saint-Pierre-et-Miquelon's waters.



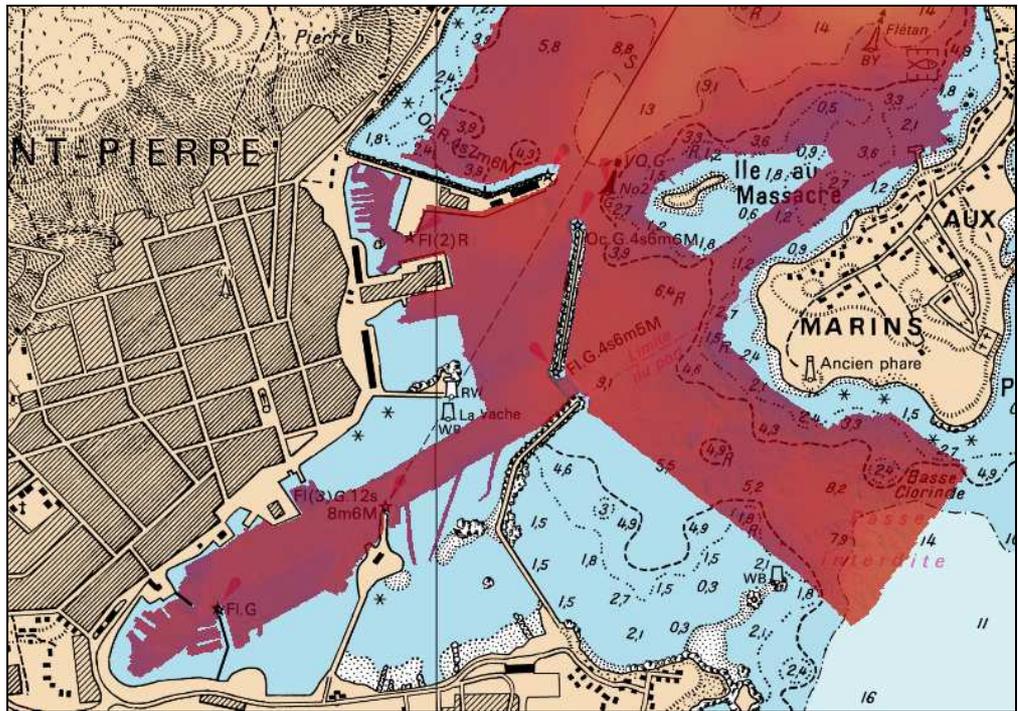


Fig.1: Survey coverage in Port of Saint-Pierre – BH2 Laplace 2014 campaign

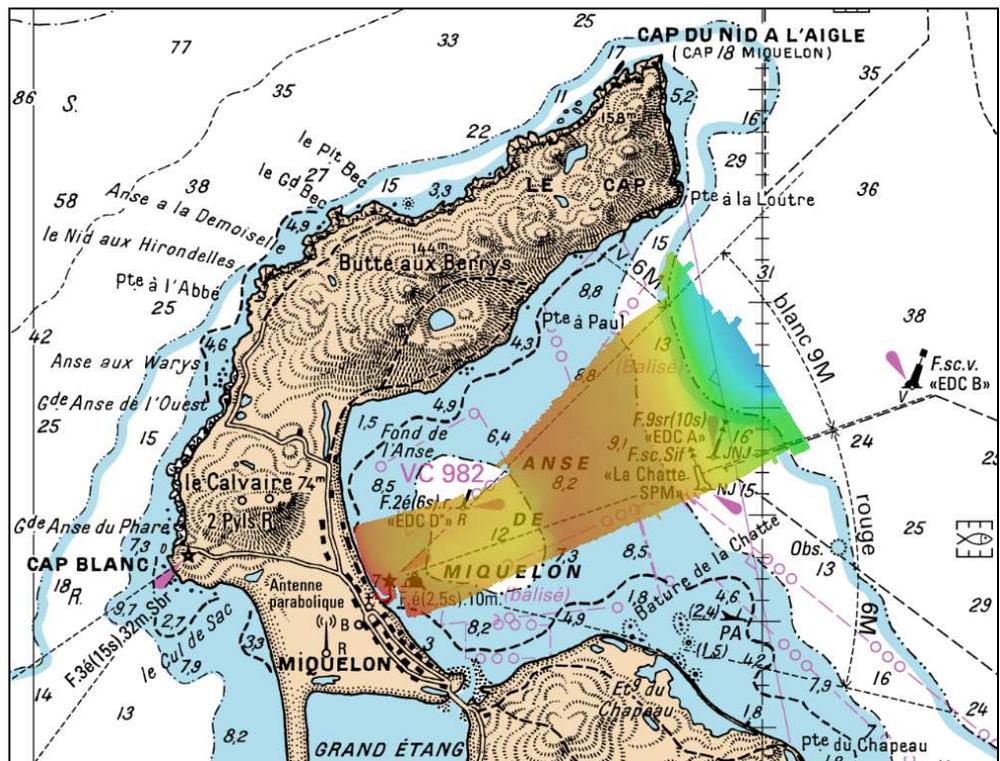


Fig.2: Survey coverage in Bay and port of Miquelon– BH2 Laplace 2014 campaign

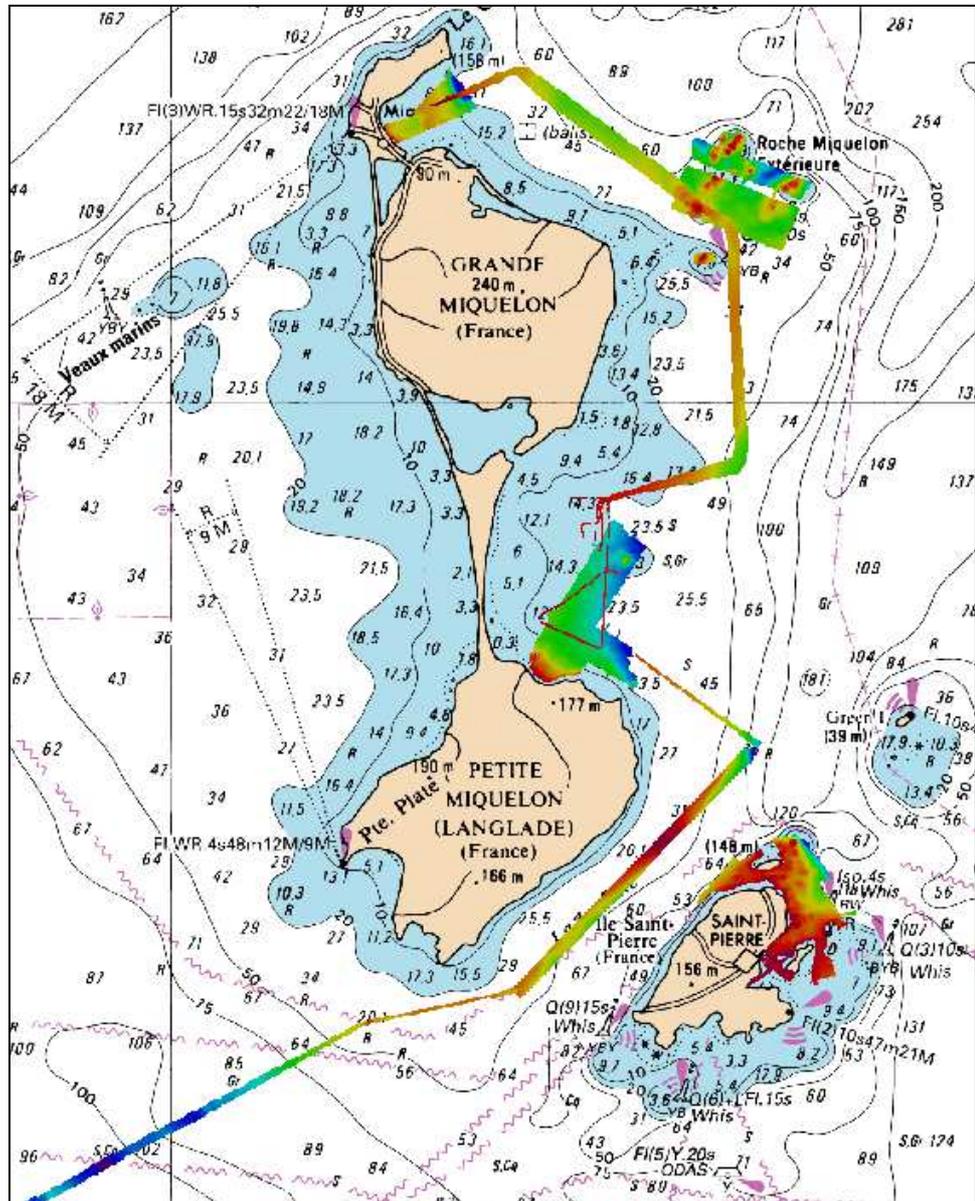


Fig.3: Overview of Survey coverage in Saint-Pierre and Miquelon waters – BH2 Laplace 2014 campaign

3. New charts & updates

3.1. ENCs

On the 1st of April 2016, SHOM had produced 3 ENCs in the region.

SHOM's current ENC coverage for Saint-Pierre-et-Miquelon is depicted in the chartlets hereafter:



Fig.4: French ENC cells in the USCHC region (source www.primar.org)

The produced ENC cells in that region are listed below:

Number	Edition number	Last Edition	Scale ¹ 1:	Title	Comments
FR509820	2	2015	12 000	<i>Approaches to Saint-Pierre</i>	Pending new edition taking full 2014 surveys data and information
FR60982A	2	2015	4 000	<i>Saint-Pierre harbour</i>	
FR60982B	2	2015	8 000	<i>Miquelon harbour</i>	

The status of ENC production in the area is described by the following figures:

Usage Band	Produced Cells	Planned Cells	%
1	0	0	/
2	0	0	/
3	0	0	/
4	0	1	0
5	1	3	100
6	2		
Total	3	4	75

The only planned ENC cell still to produce is FR461180, based on French paper chart FR6118 covering *St. Pierre et Miquelon* Islands (1:80 000).

3.2. ENC Distribution method

All French ENCs (S-63 encrypted format) are distributed to End User Service Providers by PRIMAR RENC.

3.3. INT charts

In April 2016, France submitted to the Region A International Charting Coordinator French national charts FR982 and FR 6118 to be included as INT charts (respectively INT4636 and INT4635 to be approved at the 39th USCHC Conference).

3.4. National paper charts

French charts now include a QR Code to direct access to NTM applicable to that chart. Moreover, all up to date SHOM charts are now available by 'Print On Demand' to French Defence users.

¹ The mentioned scale is the Standard Compilation Scale (CSCL) of the ENC.

French national charts currently produced in the area are depicted in the following table:

National number	Publication date	Edition number	Scale 1 :	Title	Comments
982	1843	9 (2016)	20 000 A : 7 500 B : 10 000	<i>Île Saint-Pierre, Port de Saint-Pierre, Port de Miquelon</i>	Pending new edition taking full 2014 surveys data and information.
6118	1958	4 (2010)	80 000	<i>Îles Saint-Pierre et Miquelon</i>	

3.5. Other charts, e.g. for pleasure craft

Since 2014, SHOM provides georeferenced marine charts in GeoTiff and S-57 format when produced. These digital marine charts are now available through SHOM's online store (<http://diffusion.shom.fr>) under 2 types of licenses according to the purpose of use (internal or commercial). These data can be used with GIS or cartographic software for commercial or private purposes.

A S-57 license allows unlimited download of updated versions for 12 months from the date of purchase.

Destinataire : BHI

Copies intérieures : DG – DMI – DOPS (NAU) – Archives (DMIDSD/2000)