

Gestion de l'information géospatiale marine

2024

Clause de non-responsabilité

AZh`VeeZa`i`dch`Zb`eaIn Zh`YVch`a`eg hZciZ`ej W`XVi`d`c`Zi`a`eg hZciVi`d`c`YZh`Ydcc Zh`fj`^n` \j`g`ci`!

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AVANT-PROPOS	k
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I. INTRODUCTION À LA GESTION DE L'INFORMATION GÉOSPATIALE	&
6# Fj ZciZcY"dc°eVg~ °c[dgb Vi °dc°Zi°Ydcc Zh\ dheVi VāZh°b Vg°Zh " 4°	° ' °
7# Edj gfj d^a°c[dgb Vi °dc°Zi°āZh°Ydcc Zh\ dheVi VāZh° b Vg°Zh°hdcj"ZāZh°b edjVciZh 4°	° ' °
8# Fj Zhi"XZ°fj Z°ā\°Zhi °dc°YZ°a°c[dgb Vi °dc°Zi°YZh°Ydcc Zh\ dheVi VāZh° b Vg°Zh 4°)
9# Eg°cX°eZh°gZāi {h°Vj m°Ydcc Zh°YVch°ā°XVYgZ°YZ°ā\°Zhi °dc° YZ°a°c[dgb Vi °dc°Zi°YZh°Ydcc Zh\ dheVi VāZh°b Vg°Zh°°	°)
: # b edjVcXZ°YZh°cdgb Zh°Zi°YZh°dg°Vc°h°b Zh°YZ°cdgb VāhVi °dc°°	° +
II. PASSAGE DU NIVEAU LOCAL AU NIVEAU MONDIAL	.
6# Edj gfj d^[Vj i"āY↑[j hZgāc°[dgb Vi °dc°Zi°āZh°Ydcc Zh\ dheVi VāZh° b Vg°Zh°Yj °c°kZVj °āXVāVj °c°kZVj °b dcY°Vā4°	&&
7# 9^ Xj ā h°Yj °eVhh\Z°Yj °āXVāVj °b dcY°Vā	&&
&# 8dccV°hhVcXZ°YZ°a iVi°YZh°Ydcc Zh°Zi°YZ°a°c°[dgb Vi °dc°	&'
' # B °hZ°Zc°eg/i°fj Z°YZ°ā\°cdgb VāhVi °dc°	&(
(# I ZX] cdā\Z°	&)
)# 9 kZāleeZb Zci°YZh°XVeVX↑ h°	&*
III. RÔLE DES ORGANISATIONS INTERGOUVERNEMENTALES DANS LA GESTION DE L'INFORMATION GÉOSPATIALE MARINE	&,
6# DWZXi {h°XdaZXi {h°Zi°b Zhj gZh°Zi°VXi°k↑ h°YZ°hdj i°Zc°	&-
7# ; VX°ā°Vi °dc°YZh°Veeg[X] Zh°Xdb b j cZh°	' %
8# Egdb di °dc°YZ°ā\°cdgb VāhVi °dc°	' &
&# 8g Zg°YZ°cdj kZāZh°cdgb Zh°	' '
' # : °cXdj g\Zgā\YZh°Xgei °dc°YZh°Ydcc Zh°tb i°VYdcc Zh°i°	')
- °	&)
)#	

IV. GESTION DES RESTRICTIONS D'ACCÈS AUX DONNÉES

6# GZhiGXi dch Y VXX h° °a°c[dgb Vi d°c°\ dheVi Vā°b Vg°cZ°
Zi Xdch fj ZcXZh°

&# H gzi °

' # Xdcdb Z°

(# 8j aj gZ°°

' .

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AVANT-PROPOS

9Vch'ā'g hj b 'YZ'ā'YZj m' b Z' kvā Vi'đc'b dcY'Vā'YZ'adX Vc!'āZhi'ēY'fj 'fj Z /

AdX Vc'g'Xdj kg'ēā hYZ', %/ YZ'ā'hj g'VXZ'YZ'ā'eā/c iZZi'g'eg hZciZ'. * / YZ'ā'Wdhe] g'Z# AZh'X] Vc\Zb Zcih'fj ^n'hj g'ZccZci'hdc' 'adg\ēZ'YZ'e] cdb cZh'b i dgd\ f'j Zh'fj ^ ē j Zci' 'ā'j g'ij g'hj g'ā'h' Xdhni b Zh'iZg'g'hig'hZi b Vgt'b Zh#AdX Vc'Zi'hZh' Xdhni b Zh' Veedg'Zci'Vj hh^VZVj Xdj e' 'ā'Xdb b j cVj i 'b dcY'Vā'!c'diVb b Zci'Yj 'ed'ēi'YZ'kj Z'YZ'ā' g \j ā'đc'Yj 'Xab Vi!'YZ'ā'egdiZXi'đc'Yj 'ā'īdg'ā'YZ'aVāb Zci'Vi'đc!'YZ'ā'Zb ead'YZ'h'ad'h'g'h'Zi' Yj 'WZc' i g'Xj āj g'Z#8Zh'WZc[V'ā'h'hdc'ig h'ā'g'Zb Zci'ig'Wj iV'g'h'YZ'ā'eg hZg'Vi'đc'YZh' egdXZhhj h'đX Vc'fj Zh!'YZ'ā'WdY'kZg'h' b VgēZ'Zi'YZ'h'Zg'XZh' Xdhni b 'fj Zh'!

AV'8dckZci'đc'YZh'CVi'đch'J c'Zh'hj g'ā'Ygd'YZ'ā' b ZgV' i 'Wdei Z'Zc'& -' Vj iZg' Z'YZ'ēā h' Yj cZ'Y XZcc'Z'YZ'c \dX'Vi'đch'Zi'Zā'Zhi'Zcig Z'Zc'k'ā'j Zj g'Zc'& .) #Dc'ā'fj Vā' Z'hdj kZci'YZ' ~Xdchi'ā'j i'đc'YZh'đX Vch' "#8ZiiZ'8dckZci'đc!'fj ^Veedg'Z'j cZ'h Xj g't 'j g'Y'fj Z'Zc'XZ'fj Zā' ēhiVj g'c'diVb b Zci'YZh'odcZh'b Vgt'b Zh'Xā'g'h!'YZh'g \ā'h'YZ'Y āb 'Vi'đc'YZh'[gdci'^ g'h'Zi' j c'hni b Z'Xdb eā'i'YZ'g \ā'b Zci'YZh'Y'fj [g'cYh!'V'ā'g'Zb Zci'Xdcig'Wj ' \Vg'ci'g'aj i'ā'Vi'đc' YZh'đX Vch' 'YZh' chēVX^ f'j Zh#AZh'Y'hedh'ā'đch'g'ā'i'kZh' 'ā'XdchZg'Vi'đc'Zi' 'ā'\Zhi'đc'U

H^YZh°eg\g h°cdiWZh°dci° i °VXXdb eah°YVch°a/\Zhi°dc°YZ°a°c°[dgp Vi°dc°Zi°YZh°Ydcc Zh°
\
dheVi°Vāh°b VgcZh°Vj °Xdj gh°YZh°YZj m°YZgc^ gzh°Y XZcc°Zh!°āgZhiZ°ZcXdg°WZVj Xdj e°
°[Vg°edj gXdb WZg°Zh°a/Xj cZh°Xdch°Y gWZh°dWZgk Zh°YVch°Y°kZgh°VheZXih°YZ°XZiiZ°
°c°[dgp Vi°dc°Zi°YZ°XZh°Ydcc Zh° °a X] Zaā°b dcY°Vā#8Zh°a/Xj cZh°dci° i °gZXch Zh°
YVch°a°YZj m° b Z° kVā Vi°dc°b dcY°Vā°YZ°adX Vc^{2,3!}fj ^ iV↑°j cZ°b hZ° °_dj gYZ°a°
egb ^ g° kVā Vi°dc°YZ°XZ°ineZ!°a°egb ^ g° kVā Vi°dc°b dcY°Vā°ci \g Z°Yj °b āZj °b Vgc^{4!}
Zi°iZcV↑°Xdb eiZYZh° kdā i°dchZi°YZh°X] Vc, Y° Wdb e QZ °R YV g Q



?d d`B ^j Za; Zgg`y`YZ`HZgeV`HdVg`h
HZXg iVg` \ c g/aV`d`ci`Vj mV[[Vg`h`j`gY`f`j Zh`Zi`8dchZ`az`gj`gY`f`j Z`YZ`aDCJ
7j g`Vj`YZhV[[Vg`h`j`gY`f`j Zh

AZ\gdj eZY ZneZghVIZcj "&+ g j c'dchZc'a\cZ Zi"&g j c'dcZc'eg hZci Z'adg\vc'h Z' CZI 'Ndg!' Yj '&(Vj '&, cdkZb VgZ' % (#AZhZneZgZhZi ZneZgh'fj ^dci'eVg'Xe ° 'a/g j c'dcZc'eg hZci Z'a h dci 'āzh'hj 'kVcih/

<i>Expert(e)</i>	<i>État ou organisation intergouvernementale qui l'a désigné(e)</i>
B Vg '6āXdX' 'Eg hYZci†	6j hi d/aZ
<VWc'Hd\dg\W'hj eea Vci†	; g/cXZ
7dgh'9dghX] Za	6āZb \cZ
=Zb VcVYZc'Gj c\] Zc	Maurice
@Vb 'āGnWV	Eda\cZ
8] ZZ°=V'1 Zd	Département des affaires économiques et sociales
: b b Vc] Za7ādcYZa	Dg\vc'hVi 'dcYZh'cVi 'dch] c'Zh'edj gāVab ZciVi 'dc' Zi'a\gXj āj gZ
@dh] 'B 'h] 'gd	6j idg† °ciZgc'Vi 'dcVāYZh' [dcYh'b Vg'ch
8] gh'B dj ādc	8db b 'hh'dc'DHE6G'edj gā'egdiZXi 'dcYj 'b 'āZj ° b Vg'c'YZ'a6iā/ci 'fj ZYj 'Cdg'": hi

AZh'b Zb WgZh'Yj °eZghdcccZaYZ'a\9 k'h'dc YZhV[[VgZh'b Vgt'b Zh'Zi Yj Ygd†YZ'a\°b ZgYj '7j gZVj ° YZhV[[VgZh'j gY'fj Zh'YZ'aDCJ 'fj ^dci'eVg'Xe ° 'a/g YVXi 'dcYZ'a\°eg hZciZ'ej WāXi 'dc'h dci' āzh'hj 'kVcih/ gY nZ* nZ* 'hj ^ ^ 'hj h

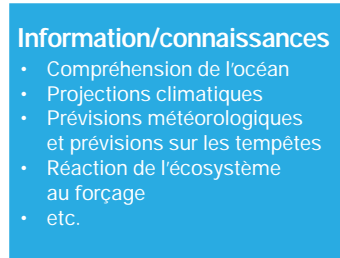
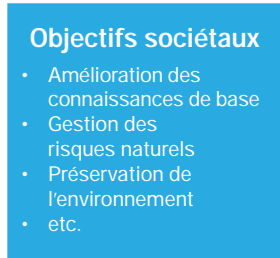
I. INTRODUCTION À LA GESTION DE L'INFORMATION GÉOSPATIALE

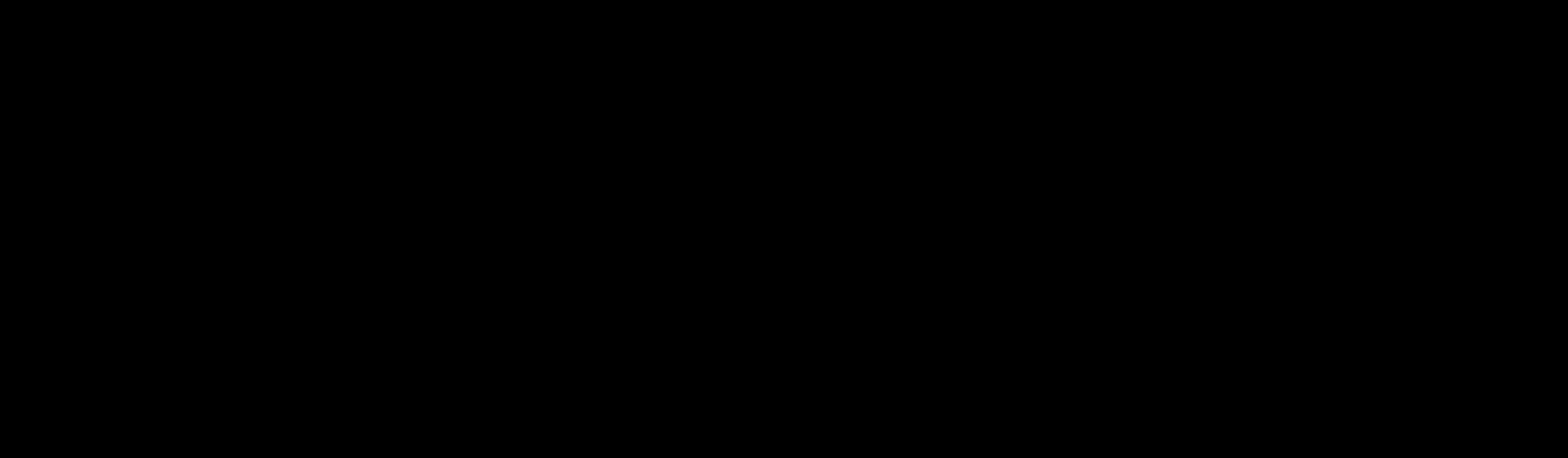
28

III

; ^j g̃>

visés et leurs avantages connexes





E.

Xi° ADg Vc hVi dc] nYgd\g/e] fj Z°ci Zgc Vi dcVz! Ydci z Vy i egcXeVaZhi YZkZazg °



- ↑° ADeZc° < ZdheVi Vā8dchdgj b °Zhi°j c°\gdj eZ°Y ZneZgh°Zc\ \ h°YVch° aVb aḏgVi ḏc°YZ°aVXX h° °aḏ[ḏgḏ Vi ḏc°\ dheVi Vāḏ°dj °Vj mYdccc Zh°hj g ḏ°ḏXVahVi ḏc°fj °b Zi°Zc°gḏVi ḏc°YZh°eZghdcccZh!°YZh°edej ḏVi ḏch°Zi°YZh° iZX] cdad\ Zh°YVch°ḏ°Vyi YZ°gḏb YZgVj megdVā b Zh°b dc°Y°Vj mZi°YZ°g edcYgḏ° Vj mVZhdḏchYZ°ḏ°k°Z°Xdj g/ciZ#
- ⊥° AV°HdX°Zin°d[°: meḏgVi ḏc° < Zde] nh°X°hih°Zhi°j c°Xdb ↑ °YZ°cdgḏ VahVi ḏc° iZX] c°fj Zi°d ḏhdc°i°Y°hXj i Zh°ḏh° kdḏ iḏch°\ de] nh°fj Zh°edj gḏḏhfj Zaḏh°ḏh° cdgḏ Zh°YZ°XdḏZXiZ°Zi°YZ°igV↑Zb Zci°YZh°Ydccc Zh°\ de] nh°fj Zh°Yd°kZci° igḏ° recensées ou améliorées.
- ˘i° AV°Y°gḏXi°kZ° iVWḏhhVci°j cZ°ḏ[ḏVhig Xij gḏ°Y ḏ[ḏgḏ Vi ḏc°\ d\ḏg/e] °fj Z°YVch° ḏ°8db b j cVj i °Zj gḏe ZccZ° °ig/kZgh°ḏh°i] b Zh°~G °ḏch°b Vgḏ°b Zh°° Zi° ~8Vḏg/Xi gḏhi°fj Zh°\ d\ḏg/e] °fj Zh°dX Vcd\ḏg/e] °fj Zh°°#

A°[dgb Vi°dc Zi°zh Ydcc Zh\ dheVi°Vzh°b VgcZh°dj Zci j c°g z°ZhZci Za°Vch°a°Xdb eg] Zch°dc°
Zi°a°\Zhi°dc°YZ°cdh°dX Vch#9Z°XZ°[V!°zh° iVih°Xda°Xi°Zci°Ydc°X°YZh°Ydcc Zh\ dheVi°Vzh°b VgcZh°
Zi°egd°Yj °hZci°YZh°c°[dgb Vi°dch°edj ghVi°h[V°g°YZh°WZhd°ch°c°Vi°dc°Vj mZi°g° \a°g°YZh°f°j Zhi°dch°
Zck°g°lcc°Zb Zci°Vzh°!°hd°X°Vzh°Zi° Xdcdb °f°j Zhe°ej h°X°V° Zh°dj °ej h°X°g°Xch°Xg°Zh°#°ac°Zc°g°Zhi°Z°e°Vh°
b d°ch°f°j Z°zh°d°X Vch°c°Z°[dci°f°j j c°Zi°f°j Z°a°g° \a°b° Zci°YZh°egd°V°a° b Zh°g° \°dc°Vj m°dj °b° dc°Y°Vj m°
c XZh°h°↑Z°a°V°dei°dc°Y°j c°Z°k°h°dc°] dahi°f°j Z°#°H°ah°Zb V°z°ad°\°f°j Z°Y°j i°ah°Zga°c°[dgb Vi°dc°Zi°zh°
Ydcc Zh\ dheVi°Vzh°b VgcZh° j c°Z°ej h°g°\c°YZ° X] Za°z°!°a°Y°[j h°dc° j °YZ°YZ°XZi°Z°c°[dgb Vi°dc°
Zi°YZ°XZh°Ydcc Zh°Y°j c°c°k°ZVj °ad°XVa° j c°c°k°ZVj °b° dc°Y°Va°Xdchi°↑j Z°j c°Y °YZ°i°V°a°z°#°AV°cdi°dc°
YZ°~°ad°XVa° °b° dc°Y°Va° °g°Z°ckd°Z°Vj m°V°Xi°k°↑ h°dj °e] cdb cZh°f°j °h°Z°egd°Yj °h°Zci° °a° X] Za°z°ad°XVa°!
cVi°dc°Vz°!°g° \°dc°Vz°Zi°b° dc°Y°Vz°#

AZ°h°Z°Xi°Z°j g°YZh°e° X] Zh°°aj° hi°g°°W°Z°c°a°°Y°k°Z°gh°↑ °YZh°V°Xi°k°↑ h°a° Zh° °a°°X°da°z°Xi°Z°YZ°Ydcc Zh°

et les données géospatiales marines

ET DE L'INFORMATION

«Zhi`egb dg`VaYZ`XdccVig`a iVi`YZh`Ydcc Zh`Zi`YZ`a`c`[dgb Vi`dc`edj g[VkdghZgj cZ`
Xda`Wdg/i`dc`Z` XVXZ`Zi`Vb` ad`g`ga`l`eghZ`YZ`Y` Xh`dch`Vj` hZ`c`YZ`Y`kZgh`gdj` eZh`YZ`
eVg`Zh`eg`c`VciZh` `Y`[[` g`Z`cih`c`kZVj` m`#`Edj` gi` g`Z`geVg`^YZ`a`l`g`X] Zh`Z`YZ`a`c`[dgb Vi`dc`
Zi`YZh`Ydcc Zh`\` dheVi`VaZh`b` Vg`c`Zh`Z`m`hi`VciZh`Vj` m`c`kZVj` m`a`XVa`c`Vi`dc`Va`g` \`dc`Va`
Zi`b`dc`Y`Va`YZj` m`Xdc`Y`f`a` p` Ya`k` i`i`ZZ` c`^` p` Q` ` ` a`

p

J cZ`cdgb Z`Zhi`aZ`[g ↑Yj c`VXXdg` Xgt`Zciǰ`YZh`[dj g`hZj gh`Zi`YZh`Xdchdb b ViZj gh!`XdcXj`
eVgXdchZchj h`Zi`Y` c`hVci`YZh`g` \aZh!`a`cZh`Y`g`XigXZh`dj`XVg/Xi` ghi`fj`Zh`k`hVci` \Vg/ci`g`
fj`ZYZh`b`Vi`gVj`m`YZh`egdyj`↑h`Zi`YZh`hZgk`XZh`hdc`i`VYVe`i`h`aj`hV`Z`Vj`fj`Z`a`h`hdc`i`YZh`i`c`h`#`
AZh`cdgb`Zh`ǰ`a`i`kZh`a`c`[dgb`Vi`d`c`Zi`Vj`m`Yd`cc`Zh`\`dhe`Vi`V`a`Zh`b`Vg`c`Zh`edg`Zci`\`c`g`a`Z`b`Zci`
hj`g`a`Zh`XVg/Xi` ghi`fj`Zh`YZ`a`c`[dgb`Vi`d`c`dj`YZh`Yd`cc`Zh`Y`Xgt`Zh!`b`V`h`e`Zj`kZci`Vj`hh`Xdb`edg`Zg`
YZh`Xgt`ǰ`h`YZ`fj`Va`f`YZh`Yd`cc`Zh`Zi`YZh`b`i`]dYZh`YZ`Xg`Vi`d`c`!`YZ`\`Zhi`d`c`Zi`Y`X]Vc`\`Z`YZh`
Yd`cc`Zh!`dj`Zc`Xdǰ`YZh`YZh`Xgei`d`ch`YZ`a`fj`e`Zb`Zci`j`a`f` ° : [Z Q Zi i



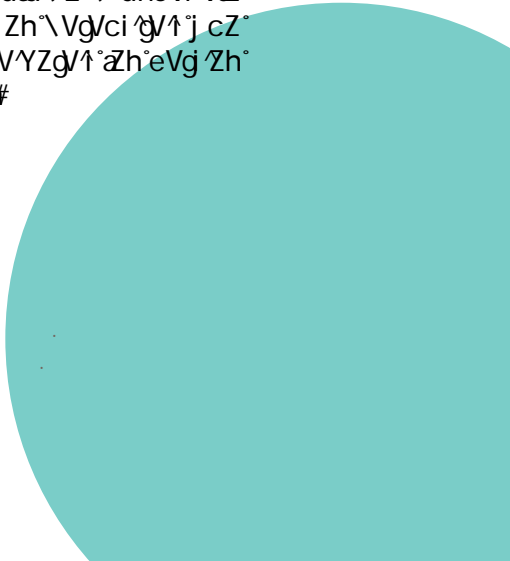
A ij YZ°

AVkd'Z'hi'gi \ f'j Z'^9Yj '8VYg'ci \ g YZh'CVi 'dch'J c'Zh'edj ga'c[dgb Vi 'dc \ dheVi 'VaZ'Zhi 'Vm Z'
hj ga'ccdkVi 'dc Zi h'Zh'egdb Zhh'Zh!'a'h'i'ZX] cda' \ Zh' cVcX^ g'zb Zci 'VkVci \ V'Zj h'Zh'Zi 'aVb a'd'gi 'dc'
YZh'eg'XZhhj h!'V'ch'f'j Z'a'h'edhh'Waf h'YZ'hVj i'Zg'YZh' i'VeZh#

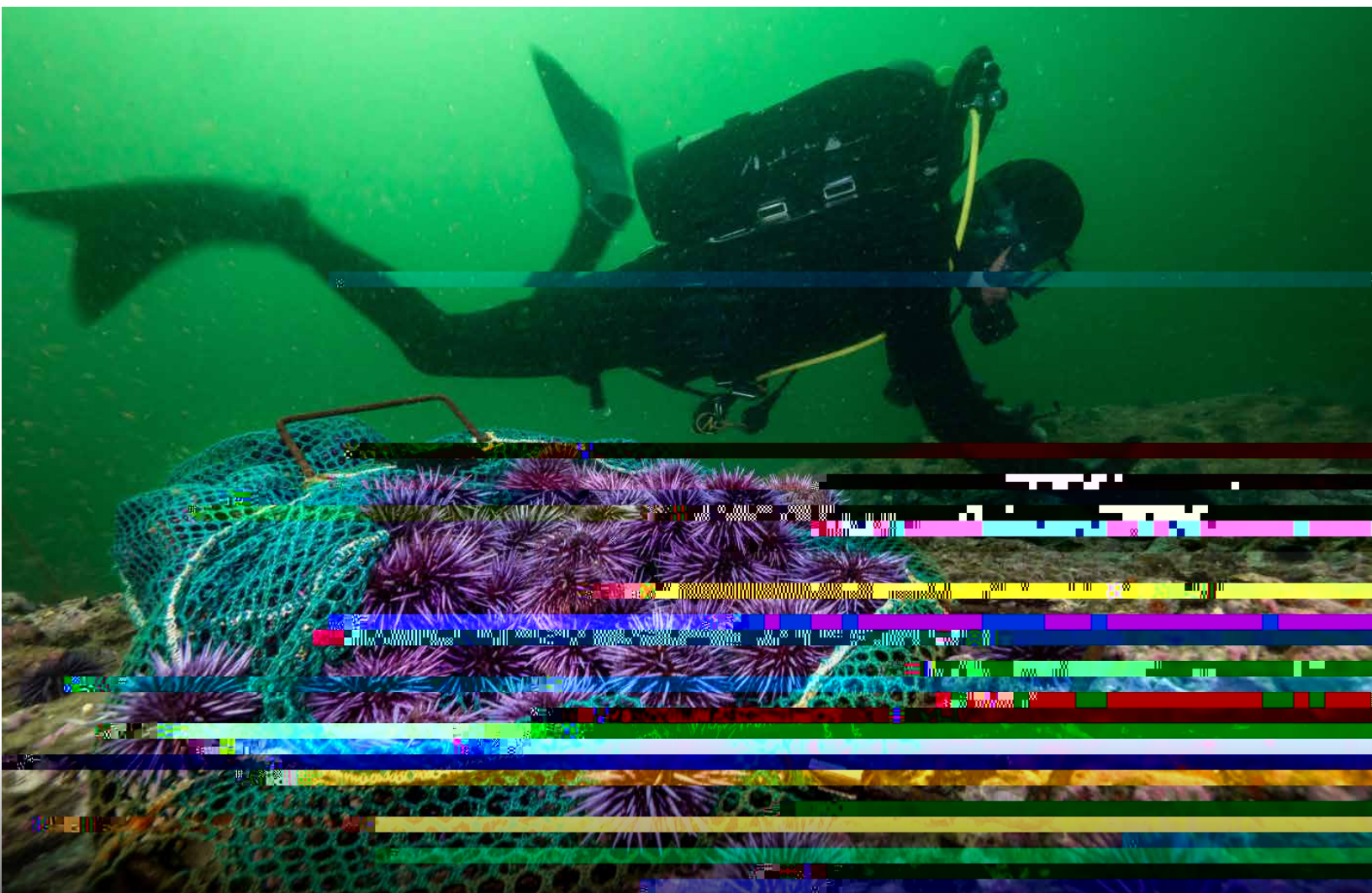
AZY kZaleeZb Zci YZh'XVeVX↑ h'eZgb Zi Vj m'eZgdccZh'Zi Vj m'Zci ↑ h'YVXfj g'g'Zh'Xdb e i'ZcXZh'
c XZh'h'g'h' /

Vi' a'eg'h'Z'Zc'Xdch'Y gi 'dc'YZ'a'eZg'c'ZcXZ'YZ'a'c[dgb Vi 'dc'Zi YZh'Ydcc Zh' \ dheVi 'VaZ'h'
b Vg'c'Zh'Zi YZ'a'j gh'Veaa'XVi 'dch'edi'Zci 'Za'Zh'0
W' a'Xda'Z'Xi'Zi! a' \ Zh' 'dc!' a' i'g' / Zb Zci 'Zi' a'Y' [j h'dc'YZ'a'c[dgb Vi 'dc'Zi YZh'Ydcc Zh'
 \ dheVi 'VaZ'h'b Vg'c'Zh'c'Y'heZch'W'Zh'0
Xi' a'Xdc[dgb ↑ Vj m'Y'g'Xi k'Zh!'Vj Yg'↑ Zi Vj m'a'c'Zh'Y'g'Xi'g'XZh'0
Yi' a'XdcXZg'Vi 'dc'VkZX'a'h'eVg'Zh'eg'ZcVci'Zh#

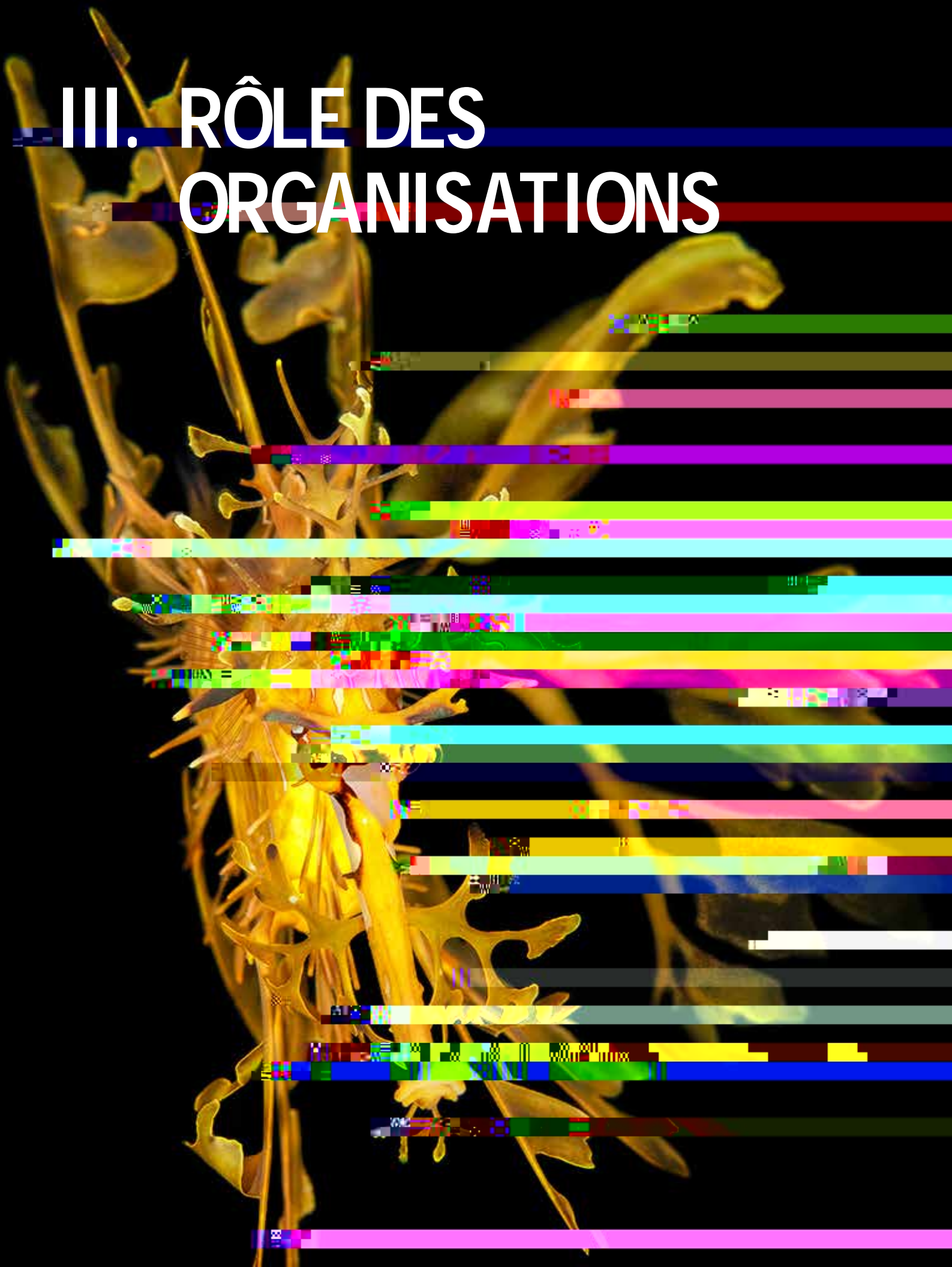
9Vch'a'kd'Z'hi'gi \ f'j Z'-10Yj '8VYg'ci \ g YZh'CVi 'dch'J c'Zh'edj ga'c[dgb Vi 'dc \ dheVi 'VaZ'!
XZ'h'dci 'a'h'eg' \ g' / b b Zh'Y Yj XVi 'dc'Zi YZ'eZg'ZXi 'd'ccZb Zci YZh'XVeVX↑ h' i'dj h'a'h'c'k'ZVj m'
YZh' \ dj k'Zg'Zb Zci h' YZh'dg'Vc'h'Vi 'dch'Zi YZh'Xdb b j cVj i h'f'j 'h'dci' b 'h'Zc'VkVci #AZ' [V↑ YZ'
h'c[dgb Zg'Zc'eZgb VcZcXZ'hj g'a'h'YZg'c^ g'h' kdaj i'dch'Zc'b Vi^ g'YZ'i'ZX] cda' \ Z' \ dheVi 'VaZ'
b Vg'c'Zi'YZ'h'daj i'dch'c[dgb Vi f'j Zh'Zi YZ'b i] dYZh'YZ'Xda'Z'Xi'Z'YZ'Ydcc Zh' \ Vg'ci'g' / j cZ'
j i'h'Vi 'dc'Zi j cZ'g' j i'h'Vi 'dc'Z' XVXZh'YZh'Ydcc Zh'Zi YZ'a'c[dgb Vi 'dc'Zi VYZg' / ↑ a'h'eVg'Zh'
eg'ZcVci'Zh' h'VY'Veizg'Vj m'W'hd'ch'YZh'j cZh'Zi YZh'Vj i'g'h' i'dj h'a'h'c'k'ZVj m#



9Vch^hdc^akg^w/cX^hj gāzh^vkVci^v\Zh^fj Z^eg hZciZci^YZh^c[dgb Vi^lch[\] dheVi^vāzh^b VgcZh^o
tdj kZg Zhtⁱ [VX^āb Zci^Yhedc^vāzh^zi^vXXZhh^vāzh^h1, ā^o<gdj eZ^YZⁱg/kV^āhj gā^c[dgb Vi^lc^o
\ dheVi^vāzh^b VgcZ^Yj^o8db ↑^YZneZgh^hj gā^v\Zhi^lc^YZ^ac[dgb Vi^lc[\] dheVi^vāzh^o a X] Zā^o
b dcY^vāzh^oXdb b VcYZYZ ° \ d Y Q YZ^o f b 1 °



III. RÔLE DES ORGANISATIONS



AV°9 XZccZ°YZh°CVi°dch°Jc°Zh°edj g°āh°hX°ZcXZh°dX Vc°fj Zh°Vj °hZgk°XZ°Yj °
Y kZadeeZb Zci°Yj g°WZ°L°%°&°'°%°(°12°Zhi°j cZ°c°↑°Vi°kZ°k°h°Vci° hi°b°j āgāh°hX°ZcXZh°
dX Vc°fj Zh°Zi°ā°eg°Yj Xi°dc°YZ°XdccV°hh°VcXZh°V c°Y°ckZghZgā°Xn°Xā°YZ°Y Xac°YZ°ā°
hVci°YZ°adX Vc°Zi°YZ°Xg°Zg°YZ°b°Z°ā°Zj g°h°Xdc°Y↑°dch°edj gā°Y kZadeeZb Zci°Yj g°WZ°
YZ°a°b°b°ZchZ°Xdhni°b°Z°b°Vgc°#°ā°eg°lb°Zj i°ā°g°Vah°Vi°dc°YZh°X°WZ°h°YZ°ad°WZ°Xi°(°&°)
Zc°h°Zch°Wah°Vci°ā°ej°W°X°Zi°Zc°b°Zii°Vci°°ā]dccZj gā°h°Z°[[dgh°Y eadh°h°edj g°Vii°Z°c°Yg°
ad°WZ°Xi°(°YVch°hdc°ZchZb°WZ°#

ā°c°Xdb°WZ°Vj m°dg°Vc°h°Vi°dch°ci°Zg°dj kZgc°Zb Zci°Vā°h°YZ°Xddg°YdccZgā i°Wah°h°Zb Zci°YZ°
cdg°Zh°Zi°ā°Zj g°Veeā°X°Vi°dc!°e°Vg°Zn°Zb eā°V c°Y°Vhhj g°gj c°e°Vg°V°Z°YZ°Ydcc ZhZ°XVXZ°Zi°
Yj g°WZ°Zci°Zb eh°j i°ā°!°XZ°f°j °e°Zj i°Zci°g°c°Zgj c°Z] Vj hh°YZ°ā°/°YZ°b Vc°YZ°YZ°hdj b°hh°dc°
Y°c°[dgb°Vi°dch°Zi°YZ°Ydcc Zh°h°X°Zci°^°fj Zh°YVch°j c°[dgb°Vi°cj b°gf°j°Z!°\°dg [g°Zc°X°
Zi°Xdb e°Vi°WZ°°V°k°Z°X°ā°h°h°ni°b°Zh°YZ°b°j°ā°e°ā°h°dg°Vc°h°Vi°dch°#°AZh°dg°Vc°h°Vi°dch°
ci°Zg°dj kZgc°Zb Zci°Vā°h°g edc°Yg°lci°°XZii°YZ°Zb Vc°YZ°Zc°/

- Vi° [VX°ā°Vci°ā°h°Y b°Vg°X] Zh°Xdb b°j cZh°[j] Vgb dc°h°Vi°dci°O
- W° ēg°lb°dj kVci°ā°/°cdg°Vah°Vi°dc!°cdi°Vb b°Zci°ā°/°Xg°Vi°dc°YZ°cdj kZā°h°cdg°Zh!°Zc°
Zc°Xdj g°V°Z°Vci°ā°Y kZadeeZb Zci°YZ°ā°/°YZ°h°Xgei°dc°YZ°h°Ydcc Zh°b i°VYdcc Zh!°
en multipliant les possibilités de diffusion de données et en fournissant des
Y°g°Xi°k°Zh°YZ°b°h°Z°Zc°°j°k°g°O
- Xi° Veej n°Vci°ā°g°Zc°[dg°Zb Zci°YZ°h°X°Ve°VX°↑°h°O
- Yi° [dj g°h°h°Vci°YZ°h°dj i°h°°ā°Veej °Y°Veeg°d°X] Zh°Xdb b°j cZh°°eā°h°Zj gh°Ydb V°c°Zh°
Zi° Xdhni°b°f°j Zh°YZ°ā°/°Zhi°dc°YZ°ā°c°[dgb°Vi°dc°Zi°YZ°h°Ydcc Zh°\°dhe°Vi°Vā°h°#

8Zh°b°XVc°h°b°Zh°V°YZ°ci°ā°h°dg°Vc°h°Vi°dch°ci°Zg°dj kZgc°Zb Zci°Vā°h°°g°/°hh°Zb°WZ°g°



politique pour le milieu marin¹⁶ [dj g' hZci YZhXVYgZh' j gY' f j Zhk' hVci ° ZcXdj g\ Zg\ Y' [j h' dc ° YZ' a' c [dgb Vi ° dc heVi V\ Zc' k' g' ccZb Zci V\ Y' j cZ' dg' Vc' hVi ° dc ° aVj ig' Zi ° Vb ad' g' g\ eghZ ° YZ' Y X' h' dch' Vj ° YZa ° YZh' [g' ci ^ g' h' Zi ° YZh' Ydb V ° c' Zh' YZ' Ydcc Zh! ° Zc' egdb dj kVci ° a' g' a' YZh' dg' Vc' hVi ° dc' h' ci Zg' dj kZg' Zb Zci V\ Zh' YVch' aZm Xj i ° dc YZ' XZh' [dcXi ° dc' h' Zh' hZci Z' aZ' h' # aZ' hi ° cdcX ° ° aV\ c V & (YZ' a' Y' g' Xi kZ ° iV' h' hVci j c X' VYg' Y VXi ° dc Xdb b j cVj iV' g' YVch' a' Ydb V ° c' Z' YZ' a' edaf' f j Z' edj g\ a' b ° aZj ° b Vg' c' f j Z / ~ Adgh' f j XZ' Z\ a' / Zhi ° g Vah' W\ Z' i deedgj c! ° XZii Z' Xddg' ° c' Vi ° dc ° YZ' kg' / ° ig' Vhhj g Z' Vj ig' / kZg' h' YZh' hi ° g Xij g' h' ° chi ° f j i ° dccZ' aZ' h' Zc' e\ a' XZ' YVch' aZ' h' g \ ° dc' h' dj ° h' dj h' ° g \ ° dc' h' b Vg' c' Zh! ° Zc' eVg' Xj aZ' g' YZh' XdckZci ° dc' h' h' g\ a' b Zgg \ ° dc' V\ a' ° #

B. Facilitation des approches communes

AV' XdcXj h' dc ° Y j c ° VXXdg' ° g' a' i ° f ° ° aV' dei ° dc ° Y Veeg' dX] Zh ° Zi ° YZ ° b i] dYdad \ Zh' h' X' Zci ^ f j Zh ° Xdb b j c Zh' Zh ° ° a' / V\ hZ ° YZ ° idj iZ ° c ° f ° Vi ° kZ ° XdaZ' Xi ° kZ ° # ° aZ' hi ° ° cY ° heZch' W\ ! ° edj g [V ° g' ° eg\ ° g' h' h' g' a' b ° hZ ° Zc ° ° j kg' ! ° a' ° g' c [dg' Zb Zci ° Zi ° a' ° g Vah' Vi ° dc ° YZh' d' W\ Xi ° f h' XdckZc j h! ° YZ ° eVg' Zc ° g' ° j c ° XdchZchj h' h' j g\ aZ' h' VheZXi ° h' iZ] c ° f j Zh! ° cdi ° Vb b Zci ° aZ' h' ° dc' h' Zh #

AZh' dg' Vc' hVi ° dc' h' ci Zg' dj kZg' Zb Zci V\ Zh' [dj g' h' hZci ° a' Vh' h' Z ° eZg' b Zii Vci ° Y Vhhj g' g\ a' / XdaZ' Xi Z Zi ° a' / eg ° eVg' i ° dc ° YZ ° a' c [dgb Vi ° dc ° Zi ° YZh' Ydcc Zh \ dheVi ° V\ Zh' h' j g' idj iZ] cZ ° odcZ ° Y ° ci ° g i # AVYdei ° dc ° Y Veeg' dX] Zh ° c' dg' b Vah' Zh ° YZ' kg' / ° ig' ° a' ° ed ° ci ° YZY ° eVg' YZ ° a' VXi ° dc ° b Zc ° Z ° YVch' aZ' X' VYg' ° Yj ° b Vc ° YVi ° YZh' dg' Vc' hVi ° dc' h' ci Zg' dj kZg' Zb Zci V\ Zh' # AV ° b ° hZ ° ° Y ° hedh' ° dc ° YZh' Veeg' dX] Zh ° XdcXZg ° Zh ° Yd ° f ° k' h' Zg ° egdb ° dj ° kd ° g\ a' / ig' / cheVg' cXZ ° Zi ° ° hi ° b ° j ° aZj ° cZ ° VYdei ° dc ° e\ a' ° h' a' / g' Z # ° aZ' hi ° Zc ° dj ° ig' ° egb ° dg' / V\ a' YZ ° b Zii ° g' ° Zc ° e\ a' / XZ ° YZh ° b ° Xvc ° h' b ° Zh ° YZ ° h' j ° k ° a' ° Zi ° Y ° kv\ a' ° Vi ° dc ° Xdc ° i ° c' j ° h ° YZ ° a' ° b ° hZ ° Zc ° ° j ° kg' ° YZ ° XZh' Veeg' dX] Zh ° XdcXZg ° Zh ° V ° c ° Y ° Zc ° \ ° Vg' / ° ci ° g\ aZ ° XVX ° # A] Vg' ° dc ° hVi ° dc ° YZh' Veeg' dX] Zh ° Zi ° YZh ° b i] dYdad \ Zh ° c ° XZh ° h' ° Z ° a' / ° b ° hZ ° Zc ° e\ a' / XZ ° Yj ° c ° eg' dXZhhj h' Xda' W\ g' i ° f Zi ° cXj h' f i ° ZcVci ° Y ° b Zci ° Xdb eiZ ° YZh ° Y ° kZg' h' V\ h' d ° ch ° Zi ° ed ° ci ° h ° YZ ° k' j ° Z ° YZ ° idj iZ ° h' aZ' h' eVg' Zh ° eg' cVci ° Zh #

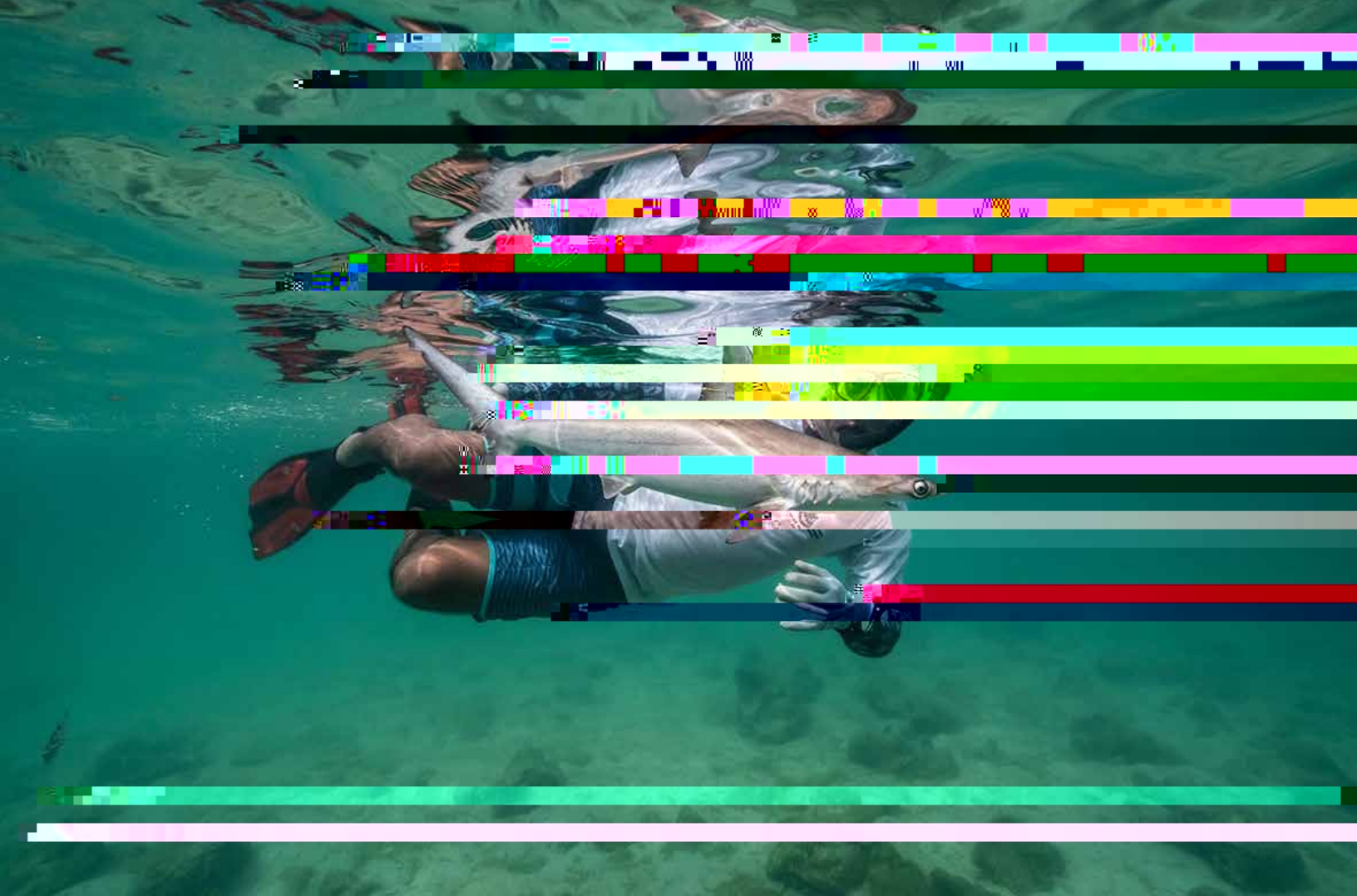
Kd ° X ° f j Zaf j ZhZnZb eZ' h' YZ ° XZiiZ] Vg' ° dc ° hVi ° dc ° Zi ° YZ ° b Zhj g' h' eVg' i ° f j Zh ° XdckZnZ' h /

Vi ° X' VYg' h' YZ ° g [g' cXZ ° g \ ° dcVj ° medj g\ a' / XdaZ' Xi Z ° YZ ° Ydcc Zh ° h' j g\ a' / \ Zh ° i ° dc ° YZh ° e ° X] Zh ° YZ ° a' / ; 6DI ° iZ ° h' f j Z ° a' ° X' VYg' ° YZ ° a' ° 8db ° b ° h' h' ° dc ° YZh ° e ° X] Zh ° edj g\ a' / a' / ° ci ° f j Z ° 8Zci ° g' ° Dj ° Zhi ° 17 ° O ° W ° Xdcig' Vj i ° dc ° XdaZ' Xi ° kZ ° YZ ° a' ° dg' ° Vc' hVi ° dc °] nYg' d\ g' / e] ° f j Z ° ci ° Zg' ° Vi ° dc ° V\ Zi ° YZ ° a' ° 8db ° b ° h' h' ° dc ° dX ° Vcd \ g' / e] ° f j Z ° ci ° Zg' ° dj ° kZg' ° Zb ° Zci ° V\ ° ° a' ° X' Vg' d \ g' / e] ° ° °] Vj ° iZ ° g ° h' a' / ° i ° dc ° YZ ° a' ° odcZ ° ° ci ° Zg' ° Vi ° dc ° V\ ° YZh' [dc ° Yh ° b ° Vg' ch! ° h' Xdb ° egh' a' / ° 8Vg' Z \ ° c ° g\ a' ° W\ i] ° nb ° ig' f j Z ° YZh' dX ° Vch ° 18 ° O ° Xi ° ° b ° dY ° aZ' h' YZ ° Y ° Xa' / g' i ° dc ° cdg' b Vah' Z ° YZh' Ydcc Zh ° Zi ° YZh ° b ° iVYdcc Zh ° YZ ° a' ° j ° idg' / ° ° ci ° Zg' ° Vi ° dc ° V\ ° YZh' [dc ° Yh ° b ° Vg' ch ° k' h' Vci ° ° V ° YZ ° g' aZ' h' Xdcig' / Xi ° Vci ° h ° ° iV' W\ g' YZh' g' / eedg' h' h' j ° g ° aZ' h' eadg' i ° dc ° YZh' \ ° dc ° Yh' [dc ° Yh ° b ° Vg' ch! ° b ° V ° h' Vj ° hh' ° YZh' ZVj ° mY ° Z ° eg' d [dc ° YZ] ° g' ° ci ° Zg' ° ° Y ° V ° g' ! ° Xdc [dgb ° b ° Zci ° ° a' ° g ° \ ° aZ' b ° Zci ° Vi ° dc ° 19 ° O ° Yi ° ° eg' d \ g' / b ° b ° Z °

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17 www.fao.org/wecafc/data/dcrf.

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C. Promotion de la normalisation

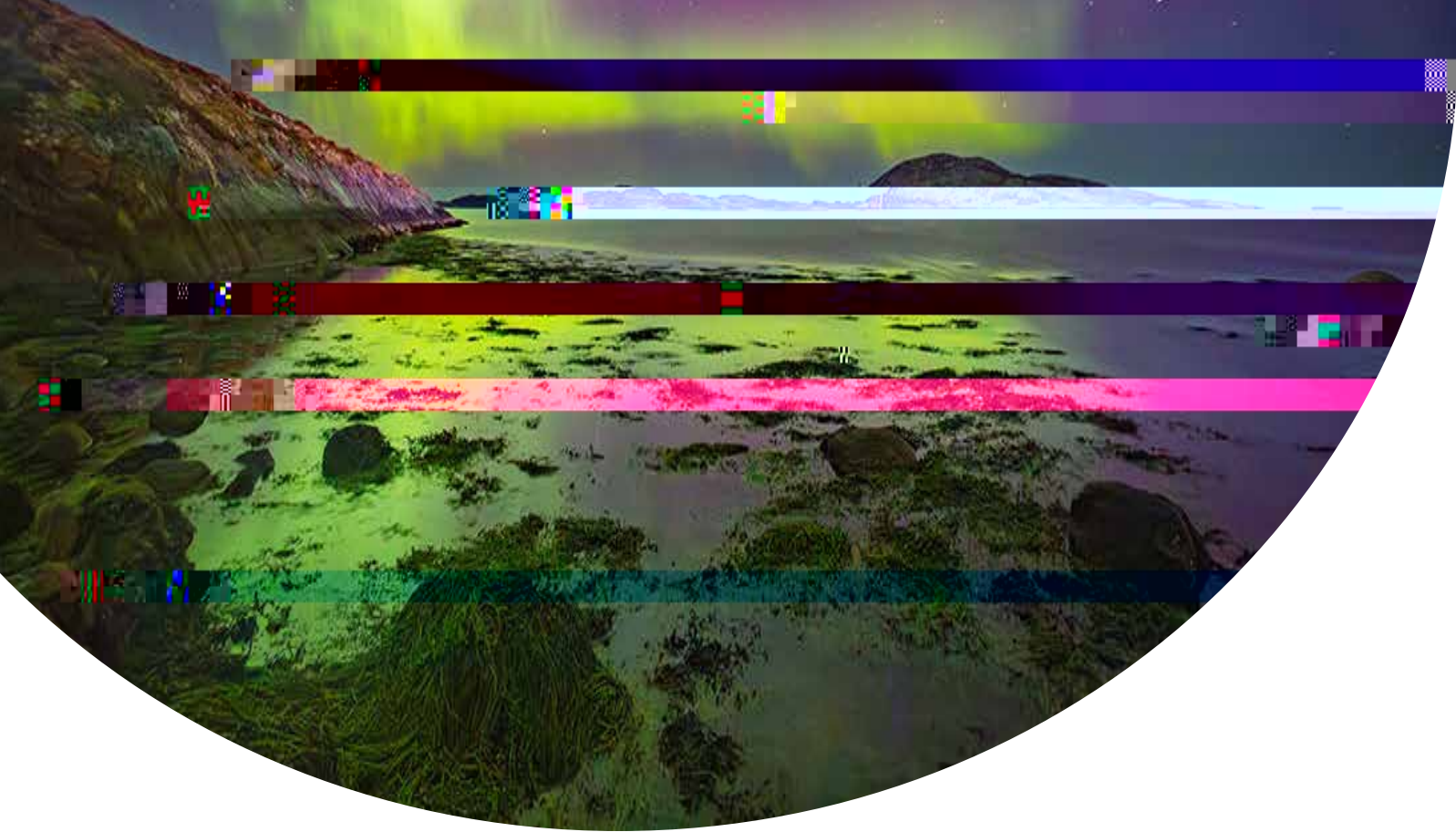
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AV°cdg VahVi °dc°Zhi°b edgVciZ°edj ga X] Vc\Z°YZ°Ydcc Zh°\ dheVi Vāzh#; V°hVci°[dcY°hj g a] Vg°b dc°hVi°dc°YZh°b i] dYda\ Zh!°āh°dg°Vc°hVi°dch°ciZg°dj kZg°Zb ZciVāzh°dci°j c°g ā° ° _dj ZgYVch°ā°Xddg°°c°Vi°dc°YZ°ā°g edchZ°Veedg Z°Vj mā°Xj cZh°YZh°cdg° Zh!°Zc°ZcgX] h°hVci°āh° cdg° Zh°Zm°hi°Vci°Zh°dj Zc°Zc°Xg Vci°YZ°cdj kZāh!°Vch°fj Z°YVch°ā°egdb di°dc°YZ°āj g°Veeā°XVi°dc°# AZh°cdg° Zh°e°Zj kZci°eg°Zc°Yg°ā°[dgb Z°YZ°he X^°XVi°dch°i°ZX] c°fj Zh°Veeā°XVW°Zh°Vj m°Ydcc Zh°Zi° Vj m°eg°Yj ↑h°\ dheVi°Vj m°b Vg°ch°#

AZh°dg°Vc°hVi°dch°ciZg°dj kZg°Zb ZciVāzh°dci°Vch°eg°Yj ↑YZh°he X^°XVi°dch°i°ZX] c°fj Zh°Vn°Vci° kd°XVi°dc° °cdg° Vah°Zg°ā°c°[dgb Vi°dc°\ dheVi°Vā°b Vg°c°Z°Zi°h°V°Y°[j h°dc!°Xdb b Z°YVch°ā°XVh°YZ°ā° cdg° Z°YZ°ā°Dg°Vc°hVi°dc°] n°Yg°l°g°/e] °fj Z°ci°Zg°Vi°dc°Vā°g°ā°i°kZ°Vj mā°b ↑Zh°Zi°[g°dci°^°g°h°b Vg°t°b Zh° H°" &&!°Yj Egd°l°d°Xda°j c°kZg°h°Za°YZh°C°Vi°dch°J c°Zh°edj ga X] Vc\Z°YZ°Ydcc Zh°g°ā°i°kZh° °ā°e X] Z²² dj °YZh°he X^°XVi°dch°g°ā°i°kZh°Vj °eVg°V\Z°YZh°Ydcc Zh°\ dheVi°Vāzh°hj gāzh°e X] Zh°eg°Yj ↑Zh° eVgā°<g°j eZ°YZ°i°g°/k°V°ā°X] Vg° °YZ°Xddg°/dccZg°āh°hi°Vi°hi°fj Zh°YZh°e X] Zh°²³.

AV°ej Vā°XVi°dc°YZh°eg°Yj ↑h°Y °c°[dgb Vi°dc°\ dheVi°Vā°b Vg°c°Z°YZ°g [g°Zc°X°Y°hedc°Vāzh°h°Zg°/ Y i°Zg° °c°Vci°Z°edj gā°g Vah°Vi°dc°Y°d°W°Z°Xi°[h°b dc°Y°Vj m°i°Za°fj Z°āh°d°W°Z°Xi°[h°YZ°Y kZā°lee°Z4 Vg°c

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23 www.fao.org/3/cc6734en/cc6734en.pdf
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: c cl'āh'dg Vc'ñVi'dch'ciZg'dj kZgcZb ZciVāh'Yd'kZci'WdgZgā'cdg VahVi'dc'YZ'b Vc^g'
ig/chkZghVā#A'c[dgb Vi'dc' dheVi Vā'b VgcZ'eZj i' ig'VhhdX^Z' YVj ig'hYdb VcZhi'Zah'fj Z'
a'c[dgb Vi'dc'hiVi'ñi'fj Z'dj iVn'c'db f'j Z#6'ch'ā'cdg VahVi'dc'YZ'h'gZ'h'X] g'cdad' f'j Zh'
b j ā'Y'b Zch'dccZā'h' dg [g'cX Zh'hj gā'h'XVeij g'h'Zi'āZ[[dg YZ'e X] Z'YVch'ā'Ydb VcZ'YZh'
e X] Zh'Zc'b ZgYZkg'f'eg'cYg'Zc'Xdb eiZ'āh'cdg Zh' dheVi Vā'h'ñiVi'ñi'fj Zh'iVn'c'db f'j Zh!
] VāZj i'f'j Zh'Zi'Vj ig'h#AV'cdg VahVi'dc'YZ'a'c[dgb Vi'dc' dheVi Vā'YZkg'f'Valgh'hZ[V'g'YZ'
b Vc^g'dj kZgZi'adWZXi' i' iVci'Y iVW'g'j cZ'eVhhZg'ā'VkZXYVj ig'hYdb VcZhi'YVch'ā'h'f'j Zh'
āh'cdg Zh'f'j h'Veef'j Zci'h'dci'Y[[g'ciZh#

AZhYZhXgei'dchYZchZb WzhYZ'Ydcc Zh!VeeZa Zh~b iVYdcc Zh"!h'dci'g'Xj Z'āZhZc'eVg'ā'ā'
YZhYdcc ZhV c'YZc[VX'atZgā'Y Xdj kZgZ'Zi'Ydei'b h'Zgaj i'at' YZhYdcc Zh#AZh'b iVYdcc Zh'



h' b e a' h! Zc° mVci YZhZm\ZcXZh'b e' b Vāzh'eZp ZiiVci YZ\Vg\ci g'fj Z'āhYdcc Zh°

AZh°dg\vc°hvi°dch°ciZg°dj kZgcZb ZciVāzh°b ZiiZci°Vj °ed°ci°YZh°cdgb Zh°gZ°āvi°kZh° °
a X] Vc\Z°YZ°Ydcc Zh°Zc°Y c°h°h°Vci°ā°X°dci°Zcj °Zi°ā°eg hZciVi°dc#AV°\Zhi°dc°YZ°ā°
eg hZciVi°dc°YZ°ā°c°[dgb Vi°dc°Zhi°eVg°Xj ā°gZ°b Zci°°b edgVciZ°edj gā°c°[dgb Vi°dc°YZh°
ej VāXh°eg°[VcZh°Zi°ā°X°d] gZcXZ°YZ°ā°eghZ°YZ°Y Xh°dch°#J cZ°V°dcccZ°eg hZciVi°dc°
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āzh°Y X°YZj gh°Zi°ā°\g°c°Y°ej VāX°#AV°W°hZ°YZ°Ydcc Zh°hj°gāzh° Xdh°h°i b Zh°b Vgch°
kj æ g°W°Zh°YZ°ā°; 6D°3°0!°[dcY Zh°j gā iZcYj Z°\ d°\g°e] fj Z°Zi°iZb edgZ°ā°YZh°b Zhj°gZ°h°
YZ°\Zhi°dc°YZh°e X] Zh°Zc°ZVj °eg°[dcYZ°eghZ°h°eVgāzh°dg\vc°hvi°dch°g°\°dcVāzh°YZ°
°\Zhi°dc°YZh°e X] Zh°Zc°Zhi°j cZ°V°dcccZ°°aj hi°g°i°dc°#

AV°ej VāXVi°dc°Zi°ā°Y°[j h°dc°Y °c°[dgb Vi°dch°Zi°YZ°Ydcc Zh°\ dheVi°Vāzh°b Vgch°
eZj kZci° i°gZ°YZh°fj Zhi°dch°hZch°Vāh°#AZh°dg\vc°hvi°dch°ciZg°dj kZgcZb ZciVāzh°dci°
j c°g°ā°°b edgVci° °dj ZgYVch°ā°Vb ādg°i°dc°YZ°ā°VXX h°Vj m°Ydcc Zh°eVgā°c° \dX°Vi°dc°
V°kZ°X°ā°j gh°egleg°i°V°gZ°h°#AZ°g°veedg°Yj HZ°Xg°i°V°gZ°\ c° g°ā°hj°gā°eā°c°Y°VXi°dc°Zc°[V°kZ°] g°
YZ°ā°X°d°de° g°i°dc°c°j b g°f°j°Z°[dj g°c°↑°Vj m°dg°Vc°h°vi°dch°ciZg°dj kZgcZb ZciVāzh°j cZ°
kd°Z°°hj°k°gZ°edj g°Vb ādgZ°gā°VXX h°°YZh°Ydcc Zh°Zi°°YZh°eg°Yj h°Y°c°[dgb Vi°dc°
YZ°] Vj iZ°fj Vā° 31°#AVccZnā° >>> °ā°eg hZciZ°ej VāXVi°dc°Xdb edgZ°YZh°Znā°b eāzh°YZ°
g°j hh°↑Z°°XZi°°\Vg°!°cdi°Vb b Zci°ā°H°h°i b Z°b dcY°Vā°Y°d°W°hZ°g°k°Vi°dc°YZ°ā°d°X° Vc°32!°ā°
G hZVj°edj gā°d°X° Vcd°\g°e] Z°\ dhig°e] fj Z°Zci°Zb eh°g°Zā°3!°ā°c°X°°eVgā°°8db b h°h°dc°

! Š g YdX Vā°\g°e] fj Z°Zci°Zb b°Ydc°YQ °G°V°e°°eQ c °° i

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AZh°dg Vc°hVi°dch°ciZg°dj kZg°Zb ZciVāh°dj Zci°j c°g ā°ZhhZci°ZāYVch°āh°
egd\g/b b Zh°Zi°egd Zih°YZ°gzc[dgXZb Zci°YZh°XVeVX↑ h°Zc°hdj iZcVci°ā°Y ead°Zb Zci°
YZ°ā°cdg Vah°Vi°dc°YZ°ā°\Zhi°dc°YZ°ā°c[dg V°i°dc°\ dheVi°Vā°b VgcZ°#AV°[dj g°tj g°YZ°
Y°g°Xi°kZh°YZ°b°h°Z°Zc°®j kq!°eVg/ā ā°b Zci°Vj m°WZch°ej VāXh°cj b g°f°j Zh!°k°h°Z° [VX°ā°Zg°
ā°g°c[dgXZb Zci°Z° XVX°Zi°Yj g°Vā°YZh°XVeVX↑ h°#AV°egdb di°dc°YZ°XZ°gzc[dgXZb Zci°
Yj g°Vā°YZh°XVeVX↑ h°e°j i°Zc°Xdj g°\Zg°ā°hdj i°Zc°Veedj °eVgāh°\Zhi°dcccV°g°h°YZ°
Ydcc Zh°c°Vi°dc°Vj m°ā°ā°Vā°g°i°dc°YZ°hig°i° \Zh°Zi°YZ°eā°ch°YZ°\Zhi°dc°YZh°Ydcc Zh°
\ dheVi°Vā°h°b Vgc°Zh°c°Vi°dc°Vā°h°#

6°ch°!°ā°VXXj Z°ā°eVgā°j idgt °ciZg°Vi°dc°Vā°YZh°[dcYh°b Vgch!°YVch°hdc°hZXg iVgVi!°
Y°Zn°Zgh°Y i°Vi°h°Y°6[g°f°j Z°h°ā°Xi°d°cc h°YVch°ā°XVYg°Yj °egd°Zi°6[g°XV°9°Z°e°HZWVZY°
GZhdj g°Zh°³⁵ est une forme de soutien au renforcement des capacités. Le projet est mis
Zc°®j kq°eVgā°j idgt °Zc°eVg°Zc°Vg°Vi°V°k°Z°X°ā°j c°dc°V[g°XV°c°Z°Zi°ā°6°Zc°XZ°cdg° \Zcc°Z°
YZ°Xdde g°i°dc°edj gā°Y kZā°lee°Zb Zci°Xdb b Z°h°j°↑Z° ā°Zc°\V°Zb Zci°Xdc°d°ci°f°j°^° i°
egh° i°↑g°kda°ci°V°g°!° ā°\°8°dc[g°c°XZ°YZh°C°Vi°dc°h°j°c°Z°h°h°j°gā°h°d°X° Vch°YZ°° %& °!°eVg°
ā°j idgt Zi°ā°8°Zci°g°V[g°XV°c°YZ°Y kZā°lee°Zb Zci°b°c°Z°g°YZ°ā°\°8°db b°h°h°dc° Xdcdb°f°j°Z°
edj gā°6[g°f°j Z°h°ig°/ch[g°Y°Z°ej°h°ā°j c°dc°V[g°XV°c°Z°h°Zc°[V°k°Z°j°g°Yj°Y kZā°lee°Zb Zci°Yj g°Vā°
YZ°ā°Xdcdb°Z°Vā°j Z°YZ°ā°6[g°f°j Z°#AZh°Y i°VX] Zb Zci°h°h°Veej °Zci°h°j°gā°h°c°↑°Vi°kZh°
YZ°g°c[dgXZb Zci°YZh°XVeVX↑ h°Zc°eā°XZ°edj g°[dj g°g°Vj m°Zn°Zgh°c°Vi°dc°Vj m°YZh°
Xdb e iZc°XZh°i°ZX] c°f°j Zh°h°j°gā°h°f°j°Zhi°dch°ā°Zh°Vj m°[dc°Yh°b Vgch°Zi°V°YZ°gā°h°Z°Xg iVgVi°
YZ°ā°j idgt °i°g°ge°Vg°^°YZ°ā°\Xdcig°V°i°dc°YZ°XZh°Zn°Zgh°V c°YZ°[V°g°V°k°V°c°XZ°g°XZ°g°V°c°Zh°
i°X] Zh°Y c°Zh°Zc°eVg°Zc°Vg°Vi°V°k°Z°X°ā°\°8°db b°h°h°dc°j°g°Y°f°j°Z°Zi°i°ZX] c°f°j°Z°YZ°ā°j idgt #

AV°8db b°h°h°dc°d°X° Vcd°\°g°e]°f°j°Z°ci°Zg°dj kZg°Zb ZciVā°YZ°ā°j C: H8D!°Ydci°ā°g°ā°
Xdch°h°Z° g°zc[dg°Zgā°XVeVX↑ °chi°t°j°i°d°cc°Zā°Zi°egd[Zhh°d°cc°Zā°YZh° i°Vi°h°YZ°\ g°gā°h°
Ydcc Zh°Zi°ā°c[dg V°i°dc°g°ā°i°kZh° ā°\°g°X] Zg°[Z°Zi° ā°d°Vh°Zg°Vi°dc°b Vgc°Zh°YVch°ā°XVYg°
YZ°ā°6°XVY° b°Z°b°dc°Y°Vā°DXZVci°ZVX] Zg°°YZ°ā°\°8°db b°h°h°dc!°Zc°Zhi°j°c°Vj i°g°Zn°Zb eā°#

OU INTERDISCIPLINAIRE DE LA CONNAISSANCE

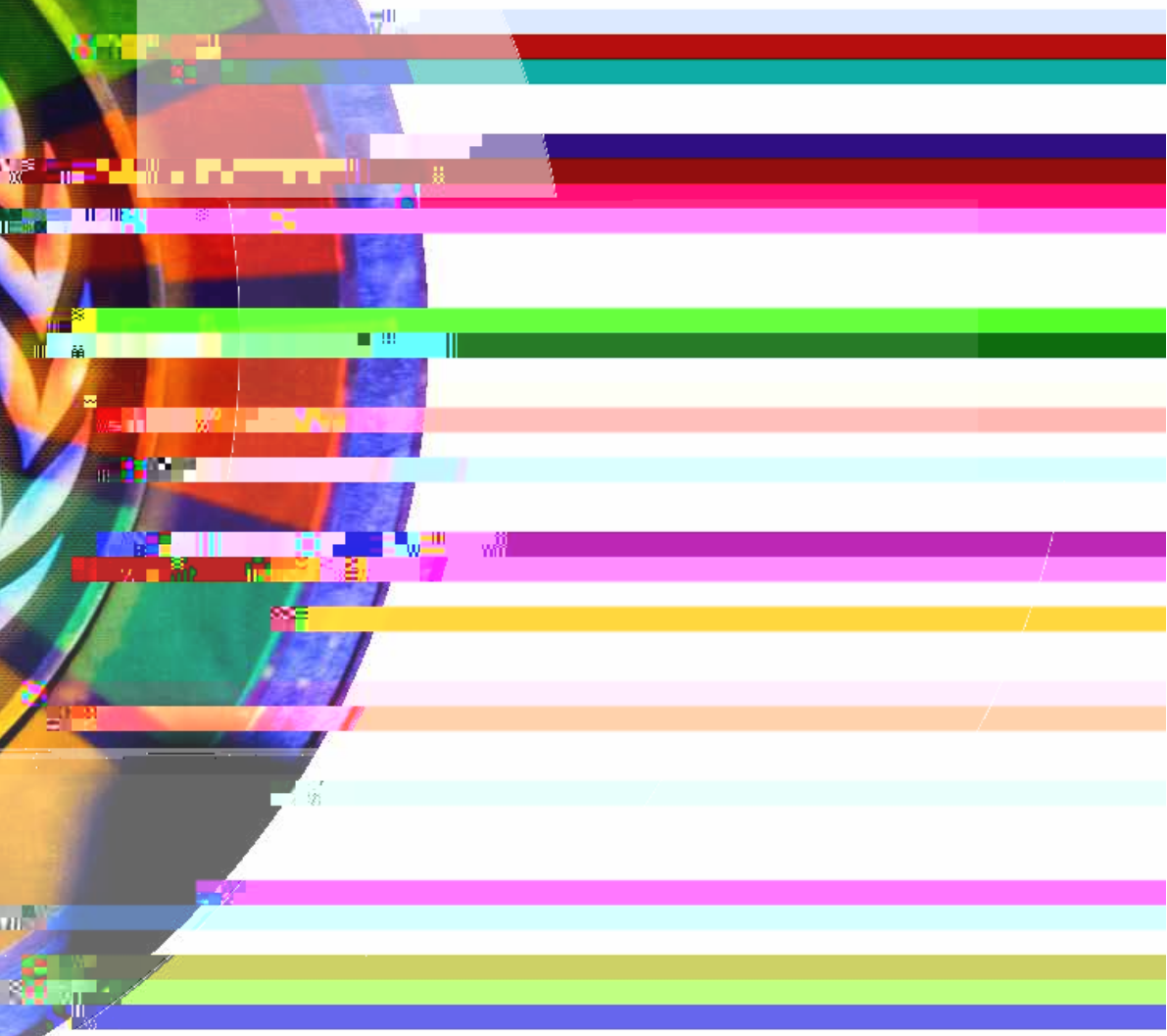
AV°cdg Vah°Vi°dc°e°Zg°Zi°Vj m°dg°Vc°h°Vi°dch°ciZg°dj kZg°Zb ZciVā°h°YZ°h°Z°Xdd°Y°d°cc°Zg°
Yj c°Z°Y°h°X°eac°Z° ā°Vj i°g°Zi°Y i°Vā°g°j c°Z°Veeg°d°X] Z° Xdh°h°i° b°f°j°Z°YZ°ā°\Xdcc°V°h°Vc°XZ!°
Ydci°kd°X°f°j°Z°f°j°Zh°Zn°Zb eā°h°/

Vi° ā°h°X°Vi°Vā°\j Zh°YZ°Ydcc Zh°i°Z°h°f°j°Z°ā°h°h°i° b°Z°Y°c°[dg V°i°dc°h°h°j°gā°Vā°Y°k°Zg°h°
YZ°ā°d°X° Vc°³⁷!°Vj°f°j°Zā°Xdcig°V°Y°Zci°YZh°dg°Vc°h°Vi°dch°ciZg°dj kZg°Zb ZciVā°h°
i°Zā°h°f°j°Z°ā°j idgt °ciZg°Vi°dc°Vā°YZh°[dcYh°b Vgch!°Zi°ā°eā°i°Z°[dg V°
<Zd°C°Zi°l° dg°³⁸°YZ°ā°\° 6D°O

35
36
37



W°zhdj i`h`Y Zneadgi`dc`YZh`Ydcc Zh`k`V`YZh`edgV`h`YZ`Ydcc Zh`\ dheVi`Vz`h`
he X`Vah hfj ^[VX`afZci`a/Y Xdj kZgZ!`aVXX hZi`a/g j i`hVi`dc`YZh`Ydcc Zh!`iZ`h`
fj Z`a`edgV`a<Zdxc[d39`YZ`a/9`k`h`dc`YZh`e X] ZhZi`YZ`aVfj VXj aj gZ`YZ`a/; 6D!`a`
hnh` b ZYZ`Zhi`dc`YZh`Ydcc ZhZi`YZ`ac[dgb Vi`dc`YZ`a/8db b`h`dc`DHE6G40!`
a`hZg`XZ`YZ`XvgZh`ZI`YZ`Ydcc Zh`YZ`a/8db b`h`dc`edj ga/egliZXi`dc`YZ`
aZck`gdccZb Zci`b Vgc`YZ`a/b Zg7Va`fj Z41`Zi`aZneadgi`Zj gYZ`Ydcc Zh`



The background image is a dark, atmospheric scene of a cave or underground passage. The walls are covered in stalactites and other rock formations. In the distance, a person is seen swimming or floating in a pool of water, illuminated by a bright light source. The overall mood is mysterious and somewhat ominous. The text is overlaid on this scene in a large, white, sans-serif font.

IV. GESTION DES RESTRICTIONS D'ACCÈS AUX DONNÉES

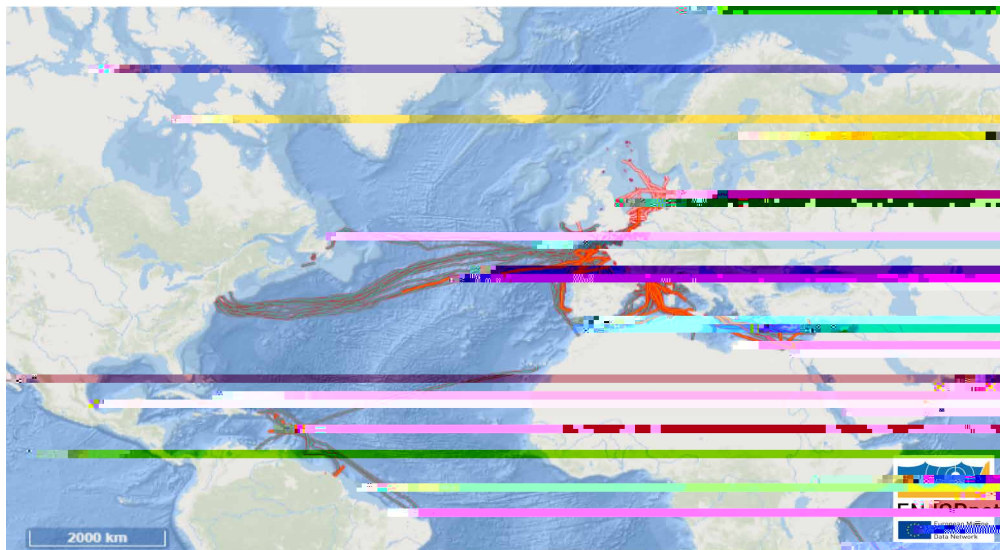
A. Restrictions d'accès à l'information

AVXX h° °ac[dgb Vi °dc° eZgb Zi °hv° g j i °ahVi °dc!° XZ° fj °eg hZciZ°YZh°VkvciV\Zh°
XdchY g/VZh°edj gaZchZb WZ°YZ°a/Xdb b j cVj i Zi hVXXdb eV\cZhdj kZci YZ[[Zih°hj g°
YZhYdb V°cZhYZig/kV°ay↑[g°cihYZ°XZj n°edj g°ahfj Zah°zhYdcc Zh°hdc i °c↑V°zb Zci°
Xda°ZXi Zh#H°z°a°V°Z°VXX h° °ac[dgb Vi °dc Zi Vj n°Ydcc Zh\ dheVi V°zh°b VgcZh°dj k°g°
zh°eZgheZXi kZh° Xdcdb °fj Zh Zi °edgZ°zh°egdb ZhhZh°Zc°b Vi ^ g°YZ°g j i °ahVi °dc YZh°
Ydcc Zh°zh°ej h°ci g°hhVciZh! °ac Zc°YZb Zj g°eVh°e YT

Q Y Y °

; ^j g°>

Carte des câbles de télécommunications limitée à des emplacements approximatifs



/: j gpeZVc B VgcZDWHzgVi dc°9ViV°CZil dg B VeK'ZI Zg#
 9hedcVZ° aVYgzhZ hj kVciZ / j iieh\$Zb dYcZi#ZX#Zj gdeV#Zj \$ZdkZI Zg\$

AZhYdcc ZhXdaZXi Zh'eVgYZhZciZeghZh'egk Zh'eZj kZci Vkd'gj cZkVazj g YVj igZh°
 ch'fj Z°XZaZh°YZ°azj gXdaZXiZ°c°↑Vz!°cdiVb b Zci°YZ°h gzi °YZ°aV°cVk°^Vi°dc!YZ°
 egliZXi°dc°YZ°aZck°g°ccZb Zci°b Vgc°Zi°YZ°eg hZgkVi°dc°YVj igZh°WZch°ej V°Xh°#°9Vch°
 aV°fj Vh°idiVat °YZh°XVh!°XZh°Ydcc Zh°hdc°egli \ Zh°eVgYZh°Ygd°th°YZ°egleg° i °
 °ciZaZxij ZaZ°fj °c XZh°↑Zci°Y dWZc°g°az°XdchZciZb Zci°YZ°azj gegleg° iV°g°Zi!°YVch°
 XZgV°ch°XVh!°YZ°h°VXfj °tiZgYj cZ°Xdb eZchVi°dc° cVcX^ g°edj gVXX YZgVj mYdcc Zh#
 AZh°g°azk hYZhXdb eV°c°Zh'e igla° gZh°Xdc°ZccZci°hdj kZci°YZh°c°[dgp Vi°dc°hj i°Zh°°aV°
 h gzi °YZ°aV°cVk°^Vi°dc°dj aV°\Zh°i°dc°dj aZ°Y kZadeeZb Zci° Xdcdb °fj ZYZh°g°hhdj gXZh°
 b VgcZh°Vj °YZa°YZh°dWZXi °fh°c°↑Vj mYZ°aV°egliheZXi°dc°#E°aj hZj gh°b dY aZh°Y°VXX h°°
 XZh°Ydcc Zh°dci° i °b °h°Vj °ed°ci!°X] VXj cY eZcYVci°YZh°XVYgZh°j gY°fj Zh°c°Vi°dc°Vj m°
 VeeaxWZh°#°9Vch°XZgV°ch°XVh!°j cZ° a° g°hZ°Xdc°YV°g°eZj i° ig°Xg ZV cYZi°g°gj cZ°
 kVazj gXdb b Zg°Vaz°YZ°aV°g°kZci°YZ°XZh°Ydcc Zh°O°Vch°YVj igZh!°aeZj i° ig°c°XZh°h°V°g°
 YZ°[dj g°g°Zh°Ydcc Zh°Y°Znead°i°dc°° a° iViV cYZ°aZh°g°cYg°ej Vafj Zh°Vj iZgp ZYj cZ°
 e°gd°YZ°Y°Zb Wg°d°hi°Vij iV°g°!°Xdb b ZYVch°a°XVh°YZh°Ydcc Zh°e° igla° gZh°d°[h] dg°Zc°
 6j hig°aZi°d° aZh°Ydcc Zh°h°hb °fj Zh°Zi°aZh°Ydcc Zh°hj gZh°ej °th°fj °cZ°[dci°eVh°ad°WZi°
 Yj cZb Wg°d°hdc°i°VXXZh°h°VZh°\g°XZ°Vj °Hrhi b Z°c°Vi°dc°VaY °c°[dgp Vi°dc°hj gZ°e° igla°
 d°[h] dg°!°aj hig°YVch°aV° °j g° >>#

; ^j g°>>

; ^j g°*°

Exemple d'outil de suivi des navires offrant certains services gratuitement et d'autres moyennant un abonnement payant

KZhhZa ^cYZg#9hedcWz° aVYgZhhZ hj kVciZ /1 | | #ZhhZa cYZgXdb .

6j igZ Znzb eZ Y c[ddp Vi dch\ dheVi VZhYdci a/adXVahVi dc°eg XhZ°cZ°eZj i° igZ gZcYj Z°ej Wff j Z° Zc°g/hdc YZ°zj gXVg/Xi gZ hZchWz hj gZ ea/c Xj aj gZaZi Zck gplccZb ZciVa/aZb ea/XZb Zci YZh°



; ^j g'K

Exemple de base de données en ligne sur les épaves

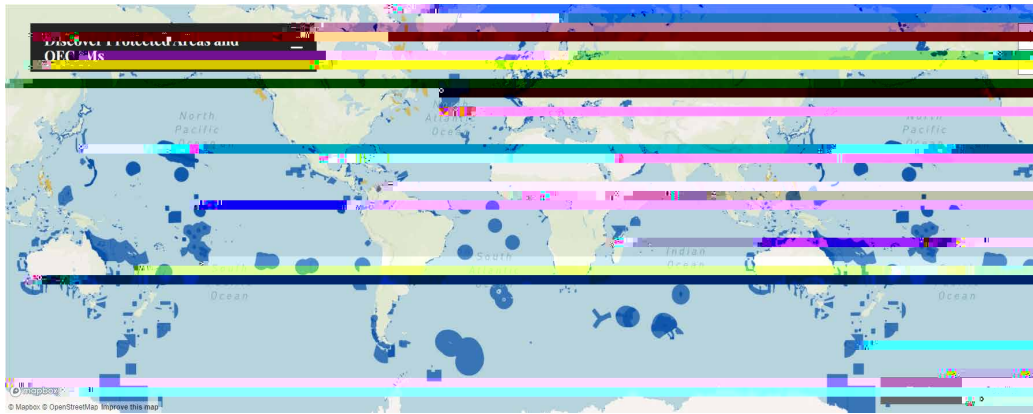
The screenshot displays the 'WRECK SITE' website interface. At the top, there is a navigation menu with links for 'home', 'wrecks', 'charts', 'people', and 'reference'. The main content area is titled 'SV Carabela' and is divided into three columns: 'Details', 'Pictures', and 'Advertisement'.
The 'Details' column contains sections for 'general' (nationality: spanish, purpose: war, type: caravel, propulsion: sailing ship), 'details' (material: wood), 'about the loss' (cause lost: naval war, other: ran aground), 'about people', 'about the wreck', 'updates' (entered by: Avec43, entered: 15/09/2019, last update: Avec43, last update: 02/10/2019), and 'Position' (latitude: hydro member, longitude: hydro member, mark: add position to my marks (+/-5 miles), dist., homeport: dist. homeport, position disp., show neighbourhood wrecks).
The 'Pictures' column shows a map of the wreck location and a historical document snippet: '15-16.07.1582: dans le cadre de la lutte pour la succession au trône de Portugal, organisée...'.
The 'Advertisement' column features a 'advertise' button and text promoting access to the United States Hydrographic Service, listing 152,120 wreck positions worldwide and 667 positions on charts.

1] ZL g'X h↑Z#9 hedc ^Z` aVyg'hhZ'hj kVciZ / | | # g'X h↑Z#j \$ g'X "hZVg] #hem

AZb eA/XZb Zci ZnVXi Zi aZh°c[dgb Vi dch°Za/i kZh° a/Y h^cVi dcYZhVgZh°b VgcZh°egdi \ Zh° eZj kZci° i gZ°Y^ X°aZh° dWZc°gXVgXZh°Ydcc Zh°hdc i \ g Zh°eVgYZ°b j a°eZh°dg Vc°hVi dch°Zi° eVgYZh° iVih°#AV°7VhZ°YZ°Ydcc Zh°b dcYVā°hj gāh°odcZh°egdi \ Zh°Zhi°j cZ°XdZci°gZeghZ°Yj° ECJ : Zi YZ°aj c°dc°ciZgc°Vi dcVā°edj gā°XdchZgk°Vi dc°YZ°ā°cVij gZ°! \ g Z°eVgā°8Zci°g°b dcYVā° YZ°hj gkZ°ā°cXZ°edj gā°XdchZgk°Vi dc°Yj° ECJ : #Dc°i°gdj kZg°/j c°ZnZb eā°YZ°WWhZ°YZ°Ydcc Zh°Zc° ā°cZ°hj gāh°VgZh°egdi \ Zh° ā° \ j gZ°K°#

; \j gZ°K°>

Exemple de base de données en ligne sur les aires protégées



/Egdi ZXiZY°Eā°cZi!~9°hXdkZg°egdi ZXiZY°VgZ°Vh°VcY°D: 8B H°#Y°hedc°WZ° ā°VgZ°hhZ°
 hj kVciZ / | | #egdi ZXiZY°Eā°cZi°#Zi°\$Zc.

AZh°Ydcc Zh°egkZcVci°YZ°\dj kZgc°Zb Zcih!°Y dg°Vc°hVi dch°cdc°\dj kZgc°Zb ZciVāh!°YZ° egleg° iVgZh°[dcXZg°Zi°YZ°Xdb b j cVj i h°hdc i°gZ°gdj e Zh°Vj° ed°ci°Y VXX° h°j c°f°j Z°[dj g°^ eVgEgdi ZXiZY°Eā°cZi°Zi°Vhhdg°Zh°YZ°b°hZh°°_dj gb Zchj ZaZh°dWZcj Zh°\g XZ° YZh°b i] dYZh° cdgb Vah° Zh°YZ°ig°/Zb Zci°Zi°YZ°eg hZci°Vi°dc°YZh°Ydcc Zh°#8Z°egd°Zi°Zhi°j c°ZnXZā°Zci°ZnZb eā° YZ°XZ°f°j Z°ādc°ēj i dWZc°gZc°hj g° dciVci°āh°gZ°hig°Xi°dch°Zc°b Vi°^ gZ°YZ°Ydcc Zh°Zi°Y°c°[dgb Vi°dc° V° c°Y°dj kg°gā°/kd°Z° j cZ°g°j i°h°hVi°dc°Yj° XdciZcj #āeZg° Zi°YZ°hj° kgZ°āh°eg°l°g h°VXXdb eah°YVch° ā°g° Vah°Vi°dc°Y°dWZXi°[h°Zck°gdcc°Zb Zci°Vj° m°ci°Zgc°Vi°dc°Vj° m°i°Zah°f°j Z°āh°dWZXi°[h°Y°6°X] ^gZ°āi°[h° ā°Y°kZg°h° Wdad° f°j Z°Zi°āh°dWZXi°[h°YZ°Y° kZālee°Zb Zci°Yj° g°WZ°!°Zi°Y°Zc°gZ°c°YgZ°Xdb ei°Z!°XZ°f°j ^ Vj i gZ°b Zci°hZg°/°[Vhi°Y°Zj° mZi°X] gdcde] VZ°#

AZh°Xdch° f°j ZcXZh°Yj° cZ°gZ°hig°Xi°dc°ZnXZh°kZYZ°ā°VXX° h° ā°c°[dgb Vi°dc°ēZj° kZci° i gZ°Xdch°Y° g°WZ°h°# 6j° hZ°c°Y°j° c°b° b°Z°egd°Zi°!°aj° i°h°hVi°dc°YZ°_Zj° m°Y°Z°dcc Zh°b° Vgc°Zh°d°W°h°d°a°i°Zh°!°āh°Xd° ih°Zc°Xdj° g°h° edj gā°VX°f°j° h°f°dc°YZ°Ydcc Zh°YZ°eā° h°\g°/c°YZ°eg°X°h°dc°dj° g°hdā° i°dc°Zi°ā°Vā°dc°\Zb° Zci°Yj° i°Zb°eh° c° XZhh°VgZ°edj g°gdj kZg°ej° h°ig°/Zgā°c°[dgb Vi°dc°f°j° ^c°Zhi°ē°Vh°cdgb° Vah° Z°eg°h°Zci°Zci°YZh°ghf°j° Zh°# AVW°hZ°cXZ°YZ°XZci°g°/ah°Vi°dc°YZ°ā°c°[dgb Vi°dc°Zi°YZh°Ydcc Zh°\ dhe°Vi°Vā°Zh°b° Vgc°Zh°[V°f°Vj° hh°ēā°/cZg° j° c°ghf°j° Z°Y°db° h°h°dc°YZ°XZg°V°ch°i°] b°Zh°ā°h°Vj° b°ā°Zj° b°Vgc°#

B. Gestion de l'information et des données

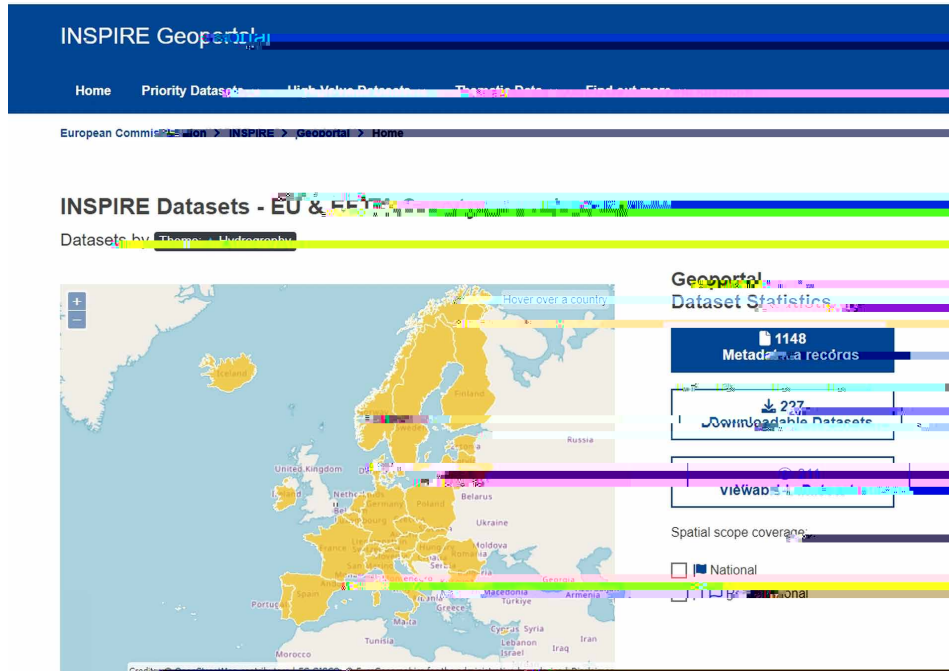
8ZhYZgc^ gzhVcc Zh!dcVdVhZgk j c° d/cXdcXZg kZgh°avb adg/i°dcYZ°avXX h° a°c[db Vi°dc° Zi°Vj mYdcc Zh°\ dheVi°Vzh!°n°Xdb egh°a°c[db Vi°dc°Zi°zh°Ydcc Zh°\ dheVi°Vzh°b VgcZh!° °cY eZcYVb b Zci°Yj Ydb V°cZ°Y ij YZ°Zi°Zc°i°ZcVci°Xdb eiZ°YZ°aZck°g°lccZb Zci°b Vg°t°b Z#9Zj m° ZnZb eZh°h°dci°Ydcc h°X°Veg h#

DANS LA COMMUNAUTÉ EUROPÉENNE

AV°Y°g°Xi°kZ° i°V°W°h°h°Vci°j° cZ°°c°[g°hig°Xij° g°Y°°c°[db°Vi°dc°\° d°\°g°e]° f°j°Z°Y°Vch°a°°8db°b°j°c°Vj°i°° Zj°gle°ZccZi°°\°V°z°b°Zci°VeeZa°Z°~°>°CHE°G:°"!°V°i°Xg°Z°edj°g°V°W°h°h°Zg°zh°d°V°h°i°V°X°z°h°°av°X°X°h°a°V°g°° Vj°m°Y°d°c°c° Zh°Z°c°k°g°lccZb°Zci°V°z°h°Z°c°a°l°c°Zi°Z°c°\°c°g°\°a°Zi°Vj°m°Y°d°c°c° Zh°\° dheVi°V°z°h°°b°VgcZh!°Z°c° eVg°Xj°aZg°Y°Vch°a°l°c°°dc°Zj°gle°ZccZi°Zi°V°e°Z°p°h°°idj°i°Zh°z°h°e°Vg°Zh°e°g°Z°c°Vci°Zhig°/k°V°a°/°ci°Y°Vch°j°c° Ydb°V°c°Z°a°°°a°/°b°Zg°Y°Z°\°\°c°Zg°Z°c°°X°V°X°°#°D°c°i°g°dj°k°Zg°/°j°c°Z°m°g°/°Yj°Edg°V°a°°CHE°G:°°°a°\°°\°j°g°K°>

; ^j g°K°>

Extrait du Portail INSPIRE pour l'hydrographie

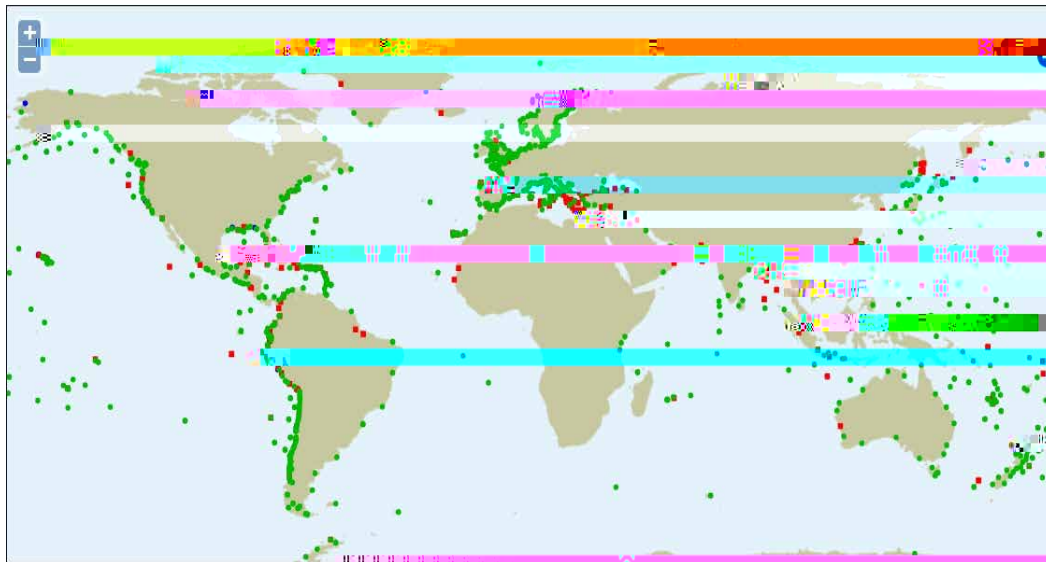


/8db b °h°h°dc°Zj°gle°ZccZi°°~°=°n°Yg°\°g°e]°n°!°>°CHE°G:°°9°Vi°Vh°Zi°h°°°J°fi°°;°I°6°8°dj°cig°n° dkZg°Zi°#°9°h°edc°W°Z°°a°V°g°z°h°h°Z°h°j°k°Vci°Z°/°j°i°e°h°/°\$°che°g°°\°Z°dedg°V°a°Z°X°#°j°gle°V°#°Z°j°\$°hg°\$°Z°c°\°\$° X°Vi°V°a°\°#°Z°V°g°\°°\$°dkZg°Zi°°4°k°Zi°°Zi°]°Zb°Z°D°k°Zg°Zi°°fii°]°Zb°Z2°]°n°

AV'eal/Z[dbg Z'HiVi 'dc'YZ'b Zhj g'Yj 'c'kZVj 'YZ'a/b Zg'Ydci 'dc'iglj kZg/j c'Zniq/1° 'a' \j g'K>>>
 [dj g'Y'Z'h'c[dbg Vi 'dch'hj g'a'Y'hedc'Waf 'de g/i 'd'ccZaZ'YZ'h'g hZVj m'b dcY'Vj m'Zi'g \ 'dcVj m'
 YZ'hiVi 'dch'YZ'b Zhj g'Yj 'c'kZVj 'YZ'a/b Zg'Zc'iZb eh'g ZaV'ch'f'j j c'hZg'k'XZ'YV X] \VZ'edj g'
 a'cheZXi 'dc'g'e'YZ'Yj ° j m'YZ'Yd'cc Zh'Vg iZ'h'eglkZc'Vci YZ'Y↑[g'ZciZ'h'iVi 'dch'#

; \j g'K>>>

Extrait de la Station de mesure du niveau de la mer



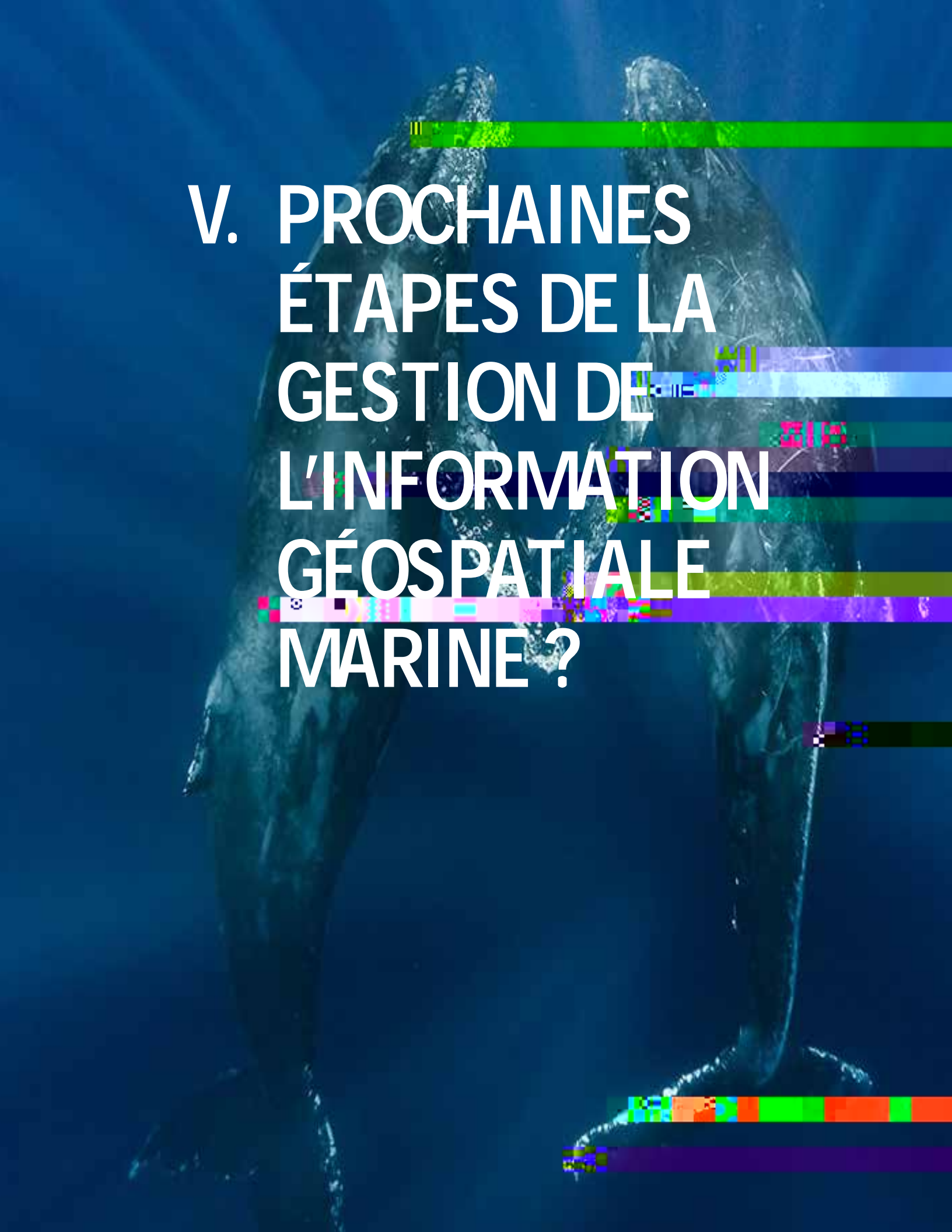
/; a/cYZgh'B VgcZ'æhi'ij iZ'Zi'8db b 'hh'dc'dX Vcd\g'e] f'j Z'ciZg'dj kZgcZb ZciVā!
 HiVi 'dc'YZ'b Zhj g'Yj 'c'kZVj 'YZ'a/b Zg'9'hedc'WāZ° 'aVYg'hhZ'hj 'kVciZ /
 | | | #dX'hZVākZāb dc'↑dgc'\#lg.

C. Modèles de licences

Jc'XVYg'eda'f'j Z'Zi'j g'Y'f'j Z'Zh'hZci'Zā 'a/b 'hZ'Zc'eā'XZ'Y'j cZ'\Zhi'dc'Zi'Y'j c° X] Vc\ZZ XVXZh!
 Z XZ'ci'h'Zi'h gh'YZ'a'c[dbg Vi 'dc'\ dheVi'Vā'V° i ° iVW'Vj 'i'g'YZ'a/k'd'Z'h'ig/i \ f'j Z' 44 du
 8VYg'°ci \ g'YZ'h'CVi'dch'J c'Z'h'edj ga'c[dbg Vi 'dc'\ dheVi'Vā'#J cZ'ig'lj hhZ'YZ'g'hhdj g'Z'h'
 h'ig/i \ f'j Zh'Zi'j g'Y'f'j Zh⁴⁵Xdb eg'c'Vci'YZ'h'b dY ā'h'Y 'ch'ig b Zci'h'j g'Y'f'j Zh'ij c'VXXdg'!j cZ'
 eda'f'j Z'Zi'j cZ'ad'f'Vj n'ij Zā'ā'h' iVih'Zi'ā'h'Zci'↑ h'egk Zh'eZj kZci'h'Z'g [g'Zgi!'ā'XVh° X] Vci!
 f'j 'ā'h'eZj kZci'VY'VeiZg'Zi'Vea'f'j Zg' ā'zj geg'leg' h'ij Vi 'dc'Vj m' ch'YZ'a/b 'hZ'Zc'°j k'g'Yj '8VYg'
 Zi'YZ'a/b ā'd'g'i'dc'Yj 'eVg'\VZ'Zi'YZ'a X] Vc\Z'YZ'Yd'cc Zh'YVch'ā'zj g'eVnh!V° i 'b 'hZ'Vj 'ed'ci'#

44

45



V. PROCHAINES ÉTAPES DE LA GESTION DE L'INFORMATION GÉOSPATIALE MARINE ?

AZh°c↑Vi kZh°b Zc Zh°Vj Xdj gh°YZ°á/YZgc°^ g°ZY XZcc°Z°dci b h°Zc° k°YZc°XZ°áZh°WZc[V°h°
Yj °a°Vg°VXX h° °a°c[dgb Vi °dc°Zi°Vj m°Ydcc Zh°\ dhe°Vi°VáZh°b Vgc°Zh°#AVb ad°gi°dc°YZ°
a°VXX h°V°VXXg° °á/YZb Vc°YZ°Zi°hi°°b j a °a°c°cdk°Vi°dc°YVch°á°\Zhi°dc°YZ°a°c[dgb Vi °dc°Zi°
YZh°Ydcc Zh°\ dhe°Vi°VáZh°b Vgc°Zh°!°Zi°áZh°dg°Vc°h°Vi°dc°h°°ci°Zg°dj kZgc°Zb Zci°VáZh°dci°
g°á°k °V°k°X°h°j° XX h°á°Y °YZ°á°eg°db di°dc°Zi°YZ°á°b h°Z°Zc°® j k°g°YZh°eg°c°X°e°Zh°; 6°G°#
AZ°X°dg°ej h°YZ°cdgb Zh°YZ°g [g°zc°XZ°VXXZh°h°VáZh°Zi°h°j h°XZei°VáZh°Y i°g°Z°ne°ad°↑ Zh°e°Vg°
idj h°áZh°j i°h°Vi°Zj gh° °c°Vj m°hdj] V°↑°Vci°Y °c°g°Zi°hig° Xij g°g°á°j g°Xdc°i°Zc°j °Zhi°YZ°e°á h°
Zc°e°á h°[dj g°#Dc°Xg Z°YZh°W°h°Zh°YZ°Ydcc Zh°\ dhe°Vi°VáZh°b Vgc°Zh°b dc°Y°VáZh°Zi°
YZh°b °XVc°h°b Zh°Y°VXX h°!°Zi°áZh°dg°Vc°h°Vi°dc°h°°ci°Zgc°Vi°dc°VáZh°® j k°g°ci°YZ°Xdc°XZg°
YVch°Y°[g°Zci°h°Ydb V°c°Zh° °á°Xg Vi°dc°YZ°h°nc°Zg°Zh°# dj i°Zh°XZh°°c°↑Vi°kZh°dci°e°Zgb h°
Y°Vb ad°g°á°eg h°Zci°Vi°dc°!°á°[dc°Xi°dc°c°Vaf° !°a°ci°Zg°le g°Vaf° °Zi°á°g°j i°h°Vi°dc°YZ°
a°c[dgb Vi°dc°!°XZ°fj °V°Xdc°ig°W° ° i°g°gj c°Z°k°Vá°j g°V°dj i° Z°YZ°a°c°k°Zhi°h°Zh°b Zci°°c°↑V°#

AZh°eg°\g h°h°dci°°cdb W°Zj m°b V°h°°á°g°hi°Z°W°Vj Xdj e° °[V°g°°Zi°°á°b edg°Z°Y°Zci°g°Zi°Zc°g°
XZii°Z°Ync°Vb °fj Z°Zi°YZ°á°Zne°ad°↑Zg°#AZh°Y°^ Xj á h° k°Zc°g°YVch°á°g° edch°Z° °Veedg°Zg°Vj m°
eg°Zh°h°dc°h°e°á h°\g°c°Y°Zh°f°j °h°dci°Zn°Zg° Zh°h°j g°áZh°d°X Vch°YZ°á°e°á°c° i°Z°c° XZhh°↑Zg°dci°
Y°VXXg° i°g°°áZh°k°d°á° b Zh°YZ°Ydcc Zh°Zi°YZ°áZh°Y°k°Zg°h°^ Zg°#°j hh°!°a°c°k°Zhi°h°Zh°b Zci°YVch°
a°c[g°hig° Xij g°°Zi°áZh°dj i°h°Y°Vc°Vah°Z°YZk°g° i°g°°c°ci°Zg°db ej !°ad°W°Z°Xi°↑° i°Vci°YZ°Xg° Zg°
áZh°eg°Yj °h°Ydci°áZh°Y° X°YZj gh°Vj g°dci°W°Zhd°c°edj g°V°\°#

AV°eg h°Zci°Z°ej W°X°Vi°dc°!°fj °^°[V°↑°[dc°Y°h°j g°áZh°Xdc°ig°W° i°dc°h°YZ°idj h°áZh°[dj g°h°Zh°j gh°
Y°c°[dgb Vi°dc°!°b Zi°Zc°á° b °^°g°áZh°Xdc°Y°↑°dc°h°Y°^ X°áZh°YVch°á°Zh°f°j Z°áZh°Zhi°Zci°g°Zi°Zc°j Z°á°
Ync°Vb °fj Z°YZ°g°Zc°[dg°Zb Zci°YZ°á°\Zhi°dc°YZ°a°c°[dgb Vi°dc°Zi°YZh°Ydcc Zh°\ dhe°Vi°VáZh°
b Vgc°Zh°V°ch°°f°j Z°áZh°eg°d°X] V°c°Zh° i°Ve°Zh°áZh°e°á h° k°YZci°Zh° °h°j °k°g°#

B. Disponibilité

A°b edg°Vc°XZ°YZ°á°Y°hedc°Waf° YZ°a°c°[dgb Vi°dc°Zi°YZh°Ydcc Zh°\ dhe°Vi°VáZh°b Vgc°Zh°!
cdi°Vb b Zci°á°[VX°af° ° i°gdj kZg°a°c°[dgb Vi°dc°Zi°áZh°Ydcc Zh°Zi°áZh°Zm°\Zc°XZh°Xdc°c°Zn°Zh°
Zc°b Vi°^°g°Y°VXX h°f°j °e°Zj kZci°W°W°h°h°Zg°áZh°d°W°hi°VX°áZh° °á°j g°g°j i°h°Vi°dc°!°Zc°e°Vg°°Xj á°Zg°
YVch°Y°Vj i°g°Zh°Ydb V°c°Zh°f°j Z°XZ°á° °YZ°á°\Xda°Z°Xi°Z°°c°↑Vá°!°[V°↑°YZ°e°á h°Zc°e°á h°Xdc°h°Zch°j h°#

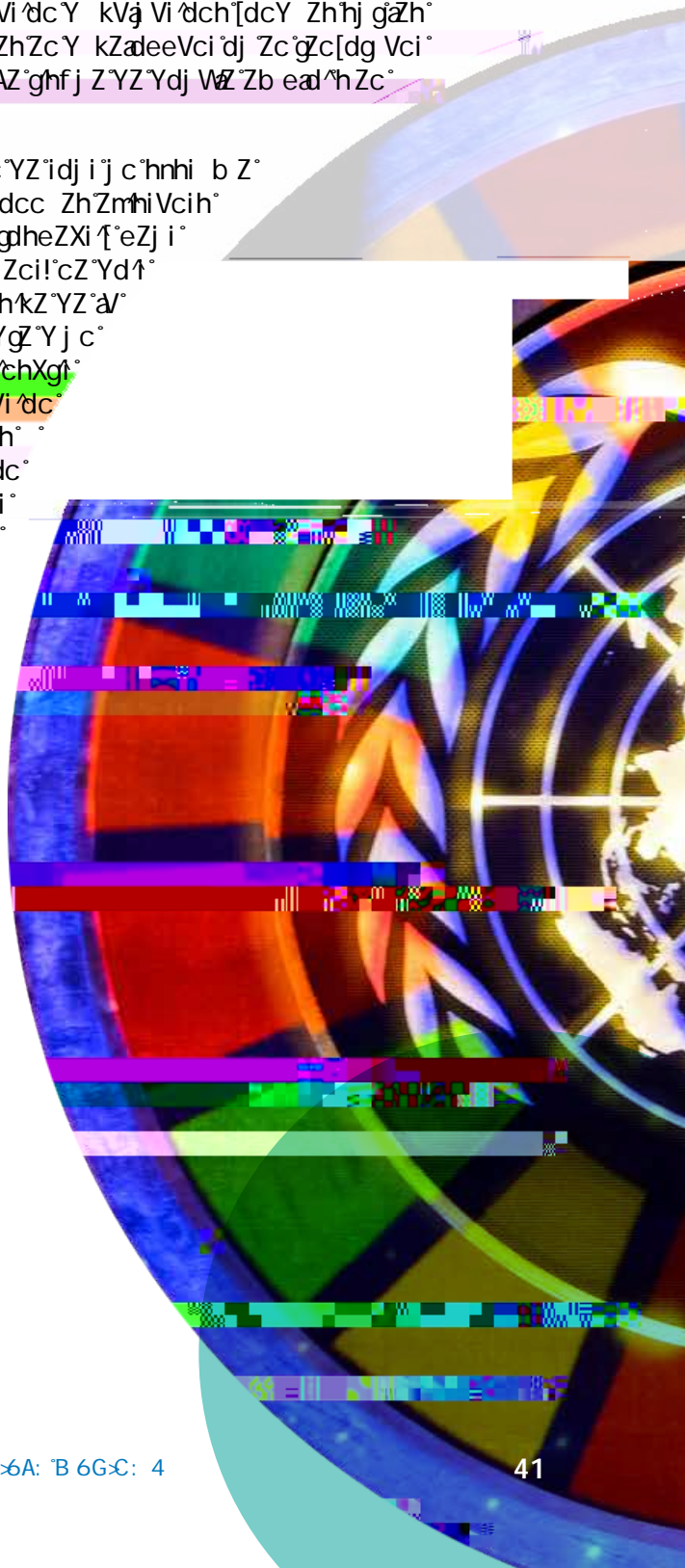
°b Zh°j g°°f°j Z°á°hdj] V°↑°YZ°edj kd°g°Y°[j h°Zg°á°g°Zb Zci°áZh°Ydcc Zh°Zi°a°c°[dgb Vi°dc°
°\g°c°Y°h°X°Zhi°j c°Z°Xdb b j °c°Vj i° °\g°c°Y°h°h°Vci°Z°f°j °Xdb b Zc°XZ° °g°Xda°Zg°áZh°[g° °h°YZ°á°
[VX°af° ° i°gdj kZg°a°c°[dgb Vi°dc°Zi°áZh°Ydcc Zh°\ dhe°Vi°VáZh°b Vgc°Zh°\g° XZ° °YZh°g° °áZh°
Y°VXX h°Xá°\g°h°!°cdi°Vb b Zci°ad°Xi°gd°°YZ°á°XZ°c°XZh°#

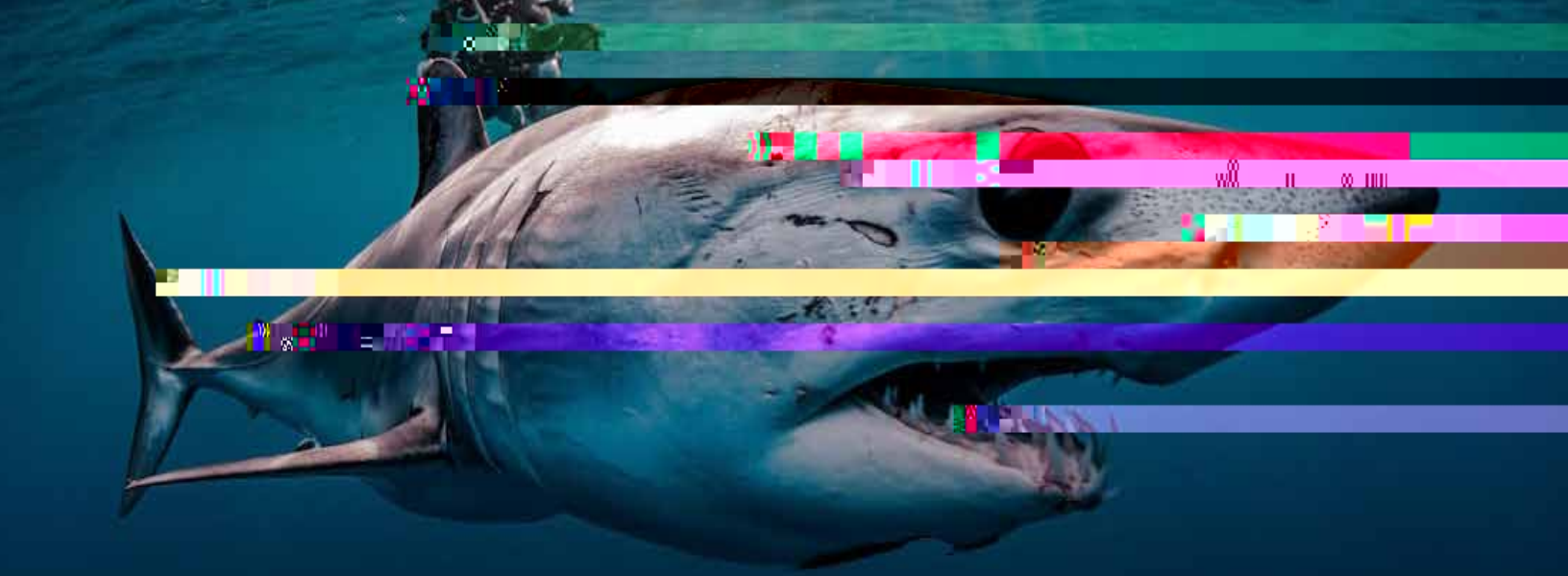
I°Vc°Y°h°f°j Z°áZh°d°W°hi°VX°áZh° °á°Y°[j h°dc°YZ°a°c°[dgb Vi°dc°Zi°YZh°Ydcc Zh°\ dhe°Vi°VáZh°
b Vgc°Zh°Xdc°i°ej Zci°Y i°g°á°k h°Zi°!°XZ°[V°h°Vci°!°f°j Z°á°eg h°Zci°°cc q °f

Xa °c°

AV`edhhWaf`fj`^Zhi`Ydcc`Z`Vj`mj`i`^hViZj`gh`YZ`igdj`kZg`YZh`Ydcc`Zh`b`b`Z`h`^h`cZ`
eZj`kZci`eVh`^b`b`Y`ViZb`Zci`n`VXX`YZg`Xdchi`^j`Z`j`c`eg`z`b`Z`geVh`edh`^`kZgh`j`cZ`
b`Z`^aj`g`Xdb`eg`]`Zch`dc`YZ`a`^edg`Z`YZ`a`c`[dgb`Vi`dc`Zi`YZh`Ydcc`Zh`\`dheVi`Vzh`
b`Vgc`Zh`#AZ`[V`^YZ`hVkd`^geg`X`h`b`Zci`f`j`Za`Z`Zhi`a`c`[dgb`Vi`dc`Zi`f`j`Za`zh`hdc`i`a`zh`
Ydcc`Zh`\`dheVi`Vzh`b`Vgc`Zh`f`j`^Zm`hi`Zci`YVch`a`b`dc`YZ`b`Vgc`eZgb`Zi`ig`YZ`[V`g`
V`kVc`XZg`Y`Vj`ig`zh`i`Ve`Zhe`Vgg`XdX`Zi`Ca`c`[dgb`Vi`dc`Zi`a`zh`Ydcc`Zh`\`dheVi`Vzh`b`Vgc`Zh`
b`h`Zh`Vj`_dj`gdj`kg`g`dci`eVg`Zn`z`b`e`a`^a`/k`d`Z`^a`/Xg`Vi`dc`Y`kVj`Vi`dc`h`[dc`Y`Zh`hj`g`a`zh`
iZc`YVc`XZh`^a`dc`i`Zgb`Z`YZ`XZg`V`c`Zh`XVg`Xi`g`hi`f`j`Zh`Zc`Y`kZ`alee`Vci`dj`Zc`g`z`c`[dg`Vci`
Zi`Zc`V`c`Vci`a`zh`W`h`Zh`YZ`g`[`g`z`c`XZh`Zm`hi`Vci`Zh`#AZ`g`h`f`j`Z`YZ`Ydj`W`Z`b`e`a`d`h`Zc`
igdj`kZ`Zc`dj`ig`z`g`Yj`^#`

AV`Y`^`Xj`a`^`f`j`Z`g`z`eg`h`Zci`Z`a`/`b`h`Z`Zc`V`ee`a`XVi`dc`YZ`idj`i`j`c`h`nhi`b`Z`
YZ`eg`c`X`e`Zh`!`Zc`e`Vg`Xj`a`Zg`YVch`a`XVh`YZ`Zj`m`YZ`Ydcc`Zh`Zm`hi`Vci`h`
kVhi`Zh`Zi`Xdb`e`a`zn`zh`!`edj`g`a`zh`f`j`Z`a`h`a`Zm`Vb`Zc`g`ig`dhe`ZXi`^`e`Zj`i`
i`g`z`Y`Xdj`g`^`ZVci`Zi`Xd`i`Zj`m`Zc`i`Zb`eh`Zi`Zc`Vg`Zci`!`cZ`Yd`^`
eVh`Zb`e`X`Z`g`a`VY`dei`dc`Y`j`cZ`V`ee`gd`X`Z`eg`d`g`zh`kZ`YZ`a`/`
eg`h`Zci`Vi`dc`YZ`XZh`Zj`m`YZ`Ydcc`Zh`YVch`a`XVY`g`Y`j`c`
eg`d`X`Zh`hj`h`h`ig`Vi`^`f`j`Z`e`Zgb`Vc`Zci`e`a`h`kVhi`Z`f`j`h`^`ch`Xg`^`
YVch`j`c`i`Zb`eh`a`dc`^`#`V`g`z`Zc`hd`g`Z`f`j`Z`a`c`[dgb`Vi`dc`
Zi`a`zh`Ydcc`Zh`\`dheVi`Vzh`b`Vgc`Zh`hd`Zci`[V`X`a`zh`^`
igdj`kZg`Xdchi`^`j`Z`Zc`hd`^`j`c`V`a`dc`YVch`a`Vb`a`dg`Vi`dc`
YZ`a`ci`Z`g`le`g`W`af`^`YZh`Ydcc`Zh`!`a`/`f`j`Za`z`^`a`Zhi`
edhh`W`Z`YZ`e`Vg`k`Zc`g`h`Vch`Y`e`a`dn`Z`g`Y`Z`[[dg`h`
déraisonnables.





C. Dépendance

A b edgVcXZYZ a c [dgb Vi d c Zi YZhYdcc Zh \ dheVi V a z h b VgcZhZi a Y eZcYVcXZ ° XZhYZg ^ g h e d j g a / e g h Z Y Z Y X h d c h c Z X Z h h Z g d c i Y Z X g d i g z # D c Y Z k d / t V k d g V W h d c ° Y Z e a j h Z c e a j h Y c [dgb Vi d c Zi Y Z Y d c c Zh \ dheVi V a z h b VgcZh ! b V h a z h b d n Z c h b h ° Z c ° j k g z e d j g a z h h i d X Z g Z i a / X V e V X t Y Z a z h Z n e a d t Z g Y Z a z h i g / t Z g Z i Y Z a z h Y t j h Z g Y d k Z c i i g z g c [d g h h b j a V c b Z c i # A V Y c t d c Y Z h e g d g t h Z i a j i a h V i d c Y Z h X V Y g z h Z i h i g / i \ Z h Z m h i V c i h X d c h i t j Z c i j c Z e g z b ^ g z ° i V e Z Y V c h a / g e d c h Z ° X Z V W h d c #

A Z V W h d c Y c [dgb Vi d c Zi Y Z Y d c c Zh \ dheVi V a z h b VgcZh f j ^ c d c i e V h Z c X d g z ° i ° Z c g \ h i g Z h d j V X f j h Z h ! a z V W h d c Y c [dgb Vi d c Zi Y Z Y d c c Zh \ dheVi V a z h b VgcZh ° Y Z b Z a z j g z f j V a t ! h d j k Z c i a ° a / g h d a i d c Z i ° a / X V e V X t Y Z Y i Z X i Z g Z i Y Z g z e g z g Y Z h ° a b Z c i h e a j h e Z i t h ! Z i a z V W h d c Y Z X d j k g g j c e g b i g z \ d \ g / e j f j Z Z i i Z b e d g z a Y t j g z c i d j e a j h k V h i Z c Z h d c i e V h e g h Y Z Y h e V g / i g z # 8 Z h V W h d c h ° b V c Z c i Y j i V t f j Z a c [dgb Vi d c Zi a z h Y d c c Zh \ dheVi V a z h b VgcZh h d c i Z h h Z c i Z a z h ° a / e g h Z Y Z ° Y X h d c h ! X V g Z a z h h d j h i Z c Y Z c i a z h g Z m d c h b Z c Zh Z i a z h b Zh j g z h e g h Z h V c h a z ° b a z j b V g c ! b V h V j h h ° Y j i V t f j Z a z h e g l g h i Z X c d a l f j Zh h V X X a g z c i Z i f j Z a / Y h e d c W a t Y Z X Z i i Z ° c [dgb Vi d c Zi Y Z X Z h Y d c c Zh V j \ b Z c i Z #

A Z k V h i Z ° g h Z V j ° Y Z X V Y g z h Z i ° Y Z h i g / i \ Z h Y Z a / X V c Z Y V e e g k h d c c Z b Z c i ° Y Z ° a c [dgb Vi d c Zi Y Z h Y d c c Zh \ dheVi V a z h b VgcZh Y d t ° i g z Z n e a d t ° e a j h V k V c i Y V c h ° a z W y i Y Z b V m b h Z g a z h X V e V X t h ° X V f j Z c k Z V j Z i Y Z i V g z X d c c V i g z a z h Z m Z c X Z h ° V j n f j Z a z h X Z h X V Y g z h Z i ° h i g / i \ Z h ° g e d c Y Z c i # A V e g z b ^ g z ° i X Z f j ° e Z j i ° i g z ° Z c i g z e g h Z X d c h i Z ° g z X Z c h Z g Z i ° Z c g \ h i g z g i d j i Z a c [dgb Vi d c Zi i d j i Z h a z h Y d c c Zh \ dheVi V a z h b VgcZh f j h d c i V X i j Z a z b Z c i Y h e d c W a z h Z i Z c X d j g h Y Z e g e V g / i d c V c ° Y Z X g Z g j c Z W h Z Y Z X d c c V h h V c X Z h j g a c [dgb Vi d c \ dheVi V a z b VgcZ f j ° e j h h Z ° i g z j i a h Z e d j g a / e g h Z Y Z Y X h d c h i g / i \ f j Zh #

D. Communication

a V e e V g / i f j Z a / X d b b j c X V i d c ! V j h Z c Y Z h Z c i t h Z i Z c i g X Z h Y Z g ^ g h ! Y j ° c k Z V j ° a d X V a j ° c k Z V j ° b d c Y V a Z h i j ° c Y d b V c Z ° V b a d g z g A d g h f j j c X d c i Z c j Z h i Z c g \ h i g ° Z i Y t j h ! a v g X k Z Y c [dgb Vi d c Zi Y Z Y d c c Zh \ dheVi V a z h b VgcZh f j ° a z h i X g ° e Z j i X d c i g W y Z g ° V h j g z g a / Y h e d c W a t ° Y Z h Z c g \ h i g z b Z c i h # A Z g z c [d g Z b Z c i ° Z i ° a c i \ g / i d c ° Y Z a / X V c Z Y V e e g k h d c c Z b Z c i ° Z c Y d c c Zh f j ° a Z c ° g h j a Z d j k g z c i ° Y b b Z c h Z h e Z g h e Z X i k Z h e d j g a z h d e g / i Z j g h Z i a z h j i a h V i Z j g h ° i d j h a z h c k Z V j n #

AVb Z'azj g'XdccV'hVcXZYhYdccc Zh\ dheVi V'azh'b VgcZhZmhiVciZhZhi j c'egzb 'Zg g hj aVi ZhXdb ei 'hj hXZei V'az'Y Vab ZciZgY'g'XiZb Zci'az'egdXZhhj h'Y 'ciZgkZci'dc' h'g'Vi \f'j ZYZh'Y XYZj gh'Zci'g'cVci'j cZ'W'ij Xa'YZ'g'idj g'Y 'c[d'g'p Vi'dc'YVch'a'eg'h'Z' Zc'Xdb eiZYZ'a a'W'ig'Vi'dc'YZh'egd'Yj fh'YZ'Ydccc Zh#A'Y Z'Zhi'YZ'b 'c'b 'h'Z'ga'X'g Vi'dc' de produits fondés sur les attentes supposées des utilisateurs et de créer un lien de Xdb b j c'X'Vi'dc'Y'g'Xi#8Z'egdXZhhj h'g'c[d'g'k'Z'a'b edg'VcXZ'YZ'a'X'da'Z'Xi'Z'c'f'V'a'YZ' Ydccc Zh\ dheVi V'azh'b VgcZhZi'Xdcig'W'Y'Z' 'adei'b 'h'Vi'dc'YZ'az'j gg'j i'ah'Vi'dc'Zi'az'j g' kV'az'j g'\ad'W'az'#

E. Longévité

AV'ad'c\ k'f' 'YZ'a'c[d'g'p Vi'dc'Zi'YZh'Ydccc Zh\ dheVi V'azh'b VgcZh'V'j hi'^ 'az'j g' V'g'j 'kV'Z'YZ'hdg'Z'f'j Z'az'h'c'f'Vi'k'Z'h'ij ij g'h'e'j 'hh'Zci'[V'g'Z'[dc'Y'hj g'X'hd'Xa'Z'] 'hid'g'f'j Z'#a' h'V'\f'j Z'YZ'h'Vj k'Z'\V'g'Z'g'az'X'dci'Z'c'j 'c' X'Z'h'h'V'g'Z'Vj m'X'V'g'Z'h'Z'm'hi'V'ci'h'f'j 'h'Z'g'Z'ci'Vj i'g'zb Z'ci' V'h'd'g' h'Y'j c'Z'Y'Vi'Z'Y'Z'm'e'g'Vi'dc'!X'Z'f'j 'e'Z'g'p Zi'YZ'g' edc'Y'g'Z'Vj V'Z'h'd'c'YZ'Y'j g'W'at' Y'Z'h' Ydccc Zh#A'Z'h'd'g'V'c'h'Vi'dc'h'c'i'Z'g'g'dj k'Z'g'Z'b Z'ci'V'az'h'e'Z'j k'Z'ci'd'j Z'g'j c'g' a'Z'Y' i'Z'g'p 'c'V'ci' en proposant des fonctions de pérennisation des données dans le cadre de leurs plans YZ'eg' h'Z'g'k'Vi'dc'YZ'a'c[d'g'p Vi'dc'Zi'YZh'Ydccc Zh\ dheVi V'azh'b VgcZh'#

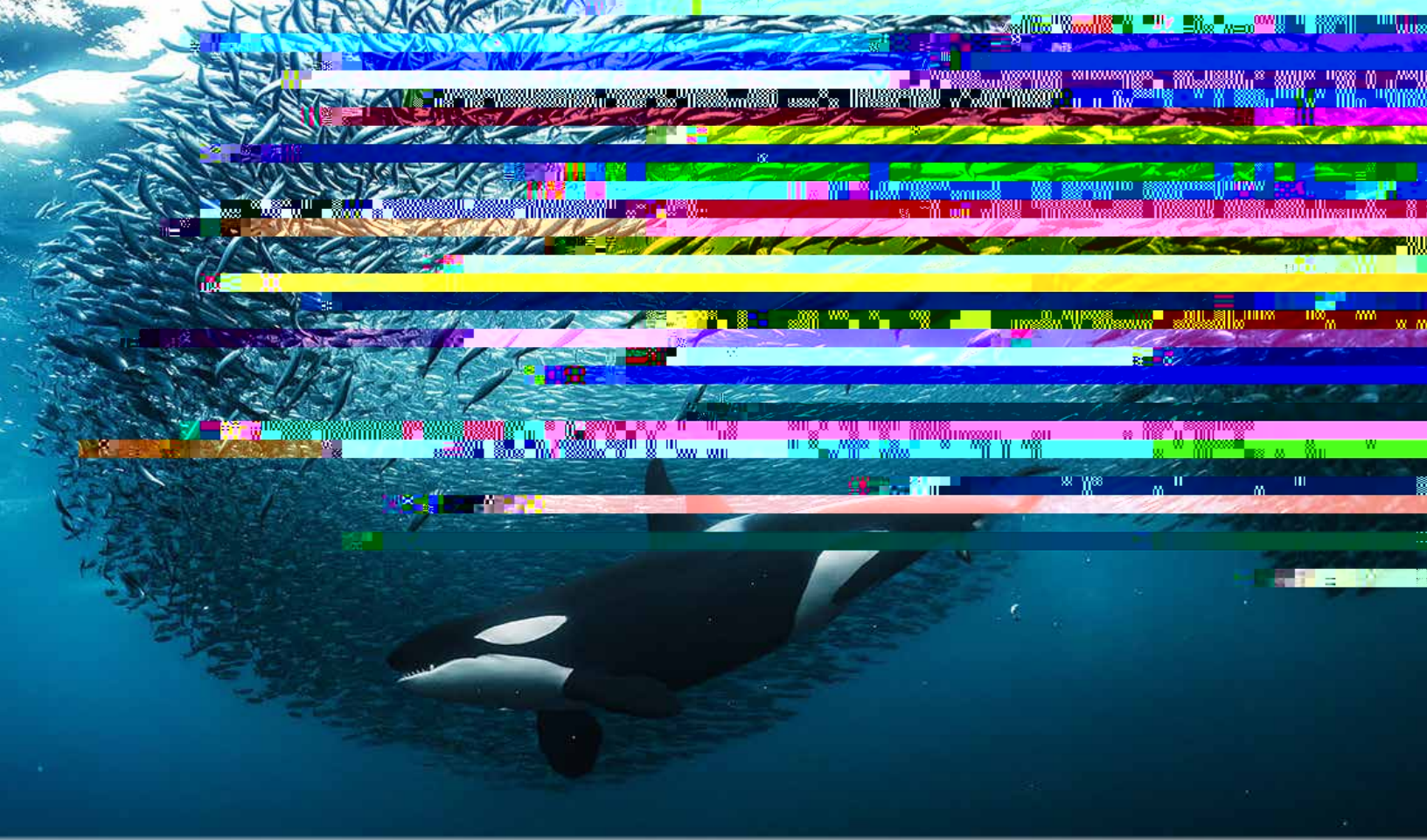
EV'g'p 'az'h'egd'Yj fh'e'aj h'\ c' g'j m'X'f'dch'aj i'ah'Vi'dc'e'aj h'X'V'a'Z'YZ'g'hhdj g'X'h' X'dci'c'j Z'az'b Z'ci'hd'a'X'f' Zh'b dn'Z'cc'V'ci'YZ'h'c'k'Z'hi'hh'Z'b Z'ci'h'hi'g'Vi \f'j Zh#E'dj g' g'c[d'g'Z'g'az'X'dci'g' a'Z'i'V'b ad'g'Z'ga'Z'm'e'ad'f'Vi'dc'YZ'h'g'hhdj g'X'h'!a'X'd'ck'Z'ci'YZ'h'c'i' g'h'h'Z'g' Vj m'j m'YZ'Ydccc Zh'Z'ci'V'ci'f'j Z'X'n'X'a'YZ'k'Z'X'db e'az'i'Zi' 'a'V'b V'c'^ g'Z'Y'dci'a' Yj X'Vi'dc'Zi' a'V'[d'g'p Vi'dc'V'ab Z'ci'Z'ci'Y'g'Xi'Z'b Z'ci'az'h'V'Xi'k'f' h'YZ'b 'h'Z'Z'c'®'j k'g'Z'#AZ'g'X'Z'ch'Z'b Z'ci' e'aj h'edj hh'YZ'h'egd'V'a'b Zh'X'dj g'c'ih'Zi'YZ'h'g'edch'Zh' 'V'eed'g'Z'g'\g'X'Z' 'a'V'b 'h'Z'V'j' ed'c'i'Zi' 'a'V'Y'f'j h'd'c'd'j k'Z'g'Z'Y'dj i'ah'X'db b j c'Vj i'V'g'Z'h'e'Z'j i'b V'm'b 'h'Z'g'a'V'dei'dc'YZ' eg'Vi'f'j Zh'YZ'\Z'hi'dc'YZ'a'c[d'g'p Vi'dc'Zi'YZh'Ydccc Zh\ dheVi V'azh'b VgcZh'k'f'V'az'h' i'g'k'Z'g'h'az'b dc'YZ'#

G. Souveraineté

KZ'az'g' X'Z'f'j Z'a'\V'g'Z'YZ'a'c[d'g'p Vi'dc'Zi'YZh'Ydccc Zh\ dheVi V'azh'b VgcZh'X'dci'c'j Z' Y' i'g'Z' g'Z'e'V'g'az'h'i'f'j a'V'g'h'YZ'a'hd'j k'Z'g'c'Zi' 'idj i'Z'c'V'h'h'j g'c'i'a'V'eg' h'Z'ci'Vi'dc'V'j' W'c' X'Z'YZ'idj i'Z'h'Zi'idj h'Z'ci'Z'c'V'ci'X'db eiZYZ'h'eg'c'X'e'Zh'86G: 'edj g'a'\d'j k'Z'g'V'c'X'Z'YZ'h'



H.



Gestion de l'information géospatiale marine

Annexe I

2024



Clause de non-responsabilité

AZh`VeeZaVi`dch`Zb eadn Zh`YVch`a`eg hZciZ`ej W`XVi`dc`Zi`a`eg hZciVi`dc`YZh`Ydcc Zh`fj`^n` \j gZci` cdiVb b Zci`aZh`cdb h` d\g/e] fj Zh!`aZh`X`Vi`dch!`aZh`XVgZh`Zi`a`Wd\g/e] Z!`c`b eafj Zci!`YZ`a`eVg`YZ` aDg`Vc`hVi`dc`YZh`C`Vi`dch`J`c`Zh!`c`gZ`XdccV`hhVcXZ!`c`^VXXZeiVi`dc!`c`eghZ`YZ`edh`f`dc`d` XZa`fj`Vci`Vj` cdb`Zi`Vj`hi`Vij`i`j`gY`fj`Z`YZh`eVnh!`i`Zgg`d`gZ!`k`aZh`dj`odcZh`dj`YZ`a`j`gh`Vj`idgt`h!`dj`fj`Vci`Vj`igX`YZ` leurs frontières ou limites.

Toute information contenue dans la présente publication qui résulte de mesures et décisions adoptées par aZh`i`Vi`h`c`b`eafj`Z!`YZ`a`eVg`YZ`aDg`Vc`hVi`dc`YZh`C`Vi`dch`J`c`Zh!`Vj`Xj`cZ`Veeg`W`i`dc!`gZ`XdccV`hhVcXZ`dj`^VXXZeiVi`dc`d`XZa`YZh`b`Zhj`gZ`h`Zi`Y`X`h`dch`Zc`fj`Zhi`dc!`Zi`XZiiZ`c`[dgb`Vi`dc`Zhi`Zb eadn Z`hVch`eg`j`Y`XZ`YZ`a`edh`f`dc`YZ`idj`i`i`Vi`B`Zb`W`YZ`aDg`Vc`hVi`dc`#

ANNEXE



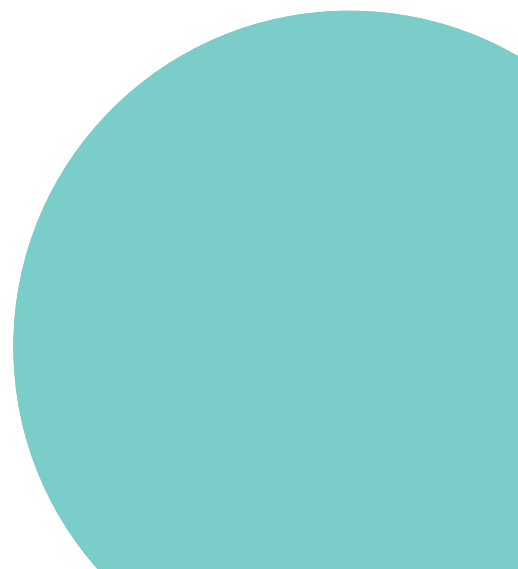
hnh i b Vi fj ZYZ`a/cdj kZaZ`iZX] cda\ Z`YZ`g/VVg` hnci] hZ`Ydj kZgj g`eZg Ziigci`



AV°g Xj e g/i °dc°YZ°eVg/b igzh°\ de] nh°f j Zh°eVg°hViZaafZ°egd\gzhZ!°b V°h°aZh°
dW°hZg°Vi °dch°adXV°aZh°c XZh°hV°gZh°edj gkVaYZg°aZh°Ydcc Zh°V°ch°^dWZcj Zh°hdc°i°g°gZh°
YVch°a6g°i°f j Z°Xdb b Z°YVch°a6ciVg°i°f j Z#°aXdck°Zci°YVb adg°g°aZh°b Zhj gZh°adXV°aZh°
YZ°a°cZ°^Zhj g°a°\°a°XZ°YZ°b ZgZi°YZ°a eV°hhZj gYZ°a°\°a°XZ°YZ°b Zgedj g[V°g°e°gd\gzhZg°
a°Xdb eg] Zch°dc°YZh°eg°dXZh°h°h°e] nh°f j Zh°YVch°aZh°g \°dch°eda°/°gzh°#

II. Biodiversité des principaux taxons de biotes marins

B.



1. INTRODUCTION

AVWdYkZgh† YZh'ed'hdchZhi j cZ Xdb edhVciZ[dcYVb ZciVā YZ'cdh'dX Vch /Zā XdcigWY Z° °
ā/hVci Zi° ā/hiWwā† \ c g/āhYZh° Xdhnhi b Zh'b VgchZi VYZh'g eZg'j hh'dchY'gXiZh'j gāZh°
edej ā/i'dch]j b V'cZhZi'āZh° Xdcdb Zh'fj ^Y eZcYZci YZh'e X] ZhZi YZh'cYj higZh'XdccZnZh#

2. INTÉRÊT

AV XdaZXiZ'YZ'Ydccc Zh'hj gā'WdYkZgh† YZh'ed'hdch'b Vgch'Zhi'ig h°b edgVciZ°edj gā/
hj gkZ'āVcXZ'YZ'āZck'g'ccZb Zci!ā'\Zhi'dc'YZh'e X] Zh!ā'XdchZg'Vi'dc'Zi'ā'eghZ'YZ'Y X'h'dch°
Xdcdb f'j Zh#AZhYdccc Zh'hj gā'WdYkZgh† h'dci Zh'hZci ZāZh° ā'\Zhi'dc'Z X'VXZ'YZh'e X] Zh#
AZneā†Vi'dc'Yj g'Wā'YZh'e X] Zh'g'edhZ'hj gā'XdccV'h'hVcXZ'Yj c'kZVj Y'Wd'cYVcXZ'YZh'Zhe XZh°
YZ'ed'hdch!YZ'ā'j g'h'b dj kZb Zcih'b ^g'id'g'h'Zi YZ'ā'j g'h'eg [g'cXZh'Zc'b Vi^g'Y] W'WVi#. c°
edhhZh'h'dc'YZh'W'ccZh'Ydccc Zh!ā'h'eVg Zh'eg'ZcVciZh'eZj kZci'b Zii'g'Zc°®j k'g'YZh'b Zhj g'h°
VYVeī Zh'YZ'eg kZci'dc'YZ'ā'hj g' X] Z'Zi V'hj g'gā/k'Wwā† ° ādc\iZg'p Z'YZh'idX'h] VāZj i'f'j Zh#
AV'egliZXi'dc'YZh'Zhe XZh'YZ'ed'hdch'kj āc g'Wā'h'Zhi X'g X'Vā'cdc'hZj ā'b Zci'edj gā'j g'hj gk'Z!
b V'h'Vj hh'edj gā'b V'ci'Zc'YZ'a f'j ā'Wā' Xda\ f'j Z'YZh° Xdhnhi b Zh'b Vgch#

D. Mammifères marins

AVcVanhZ XdciZcj ZYVch'á'eg hZciZ hZXi 'dc hZ [dcYZ hj gá'X] Ve'g +9 YZ'á/YZj m' b Z' kVá Vi 'dc' b dcYVá YZ'adX Vc#

1. INTRODUCTION

áZmhiZ'&(' Zhe XZhYZ'b Vb b f' g'h'b Vgch!Ydci'á'h'X iVX h!á'h'e'cc'e YZh!á'h'h'g c'Zch!á'h' ádj i'g'h'Zi'á'h'dj g'h'edá'á'h'AZj g'h] WMj YZh'h'dci kVg' Zh!YZh'edej á/i 'dch'á'XVá'h'cdb Wg'j hZh'Zi' h YZciV'g'h!Xdb b ZXZgV'cZhZhe XZhYZVYj e] 'ch!Vj m'Zhe XZhZcY b f'j Zh'egleg'h' XZgV'cZh' Xdg \ 'dch!Xdb b Z'á'h'YVj e] 'chY ZVj 'Ydj XZ#AZh'edej á/i 'dchYZ'b Vb b f' g'h'b Vgch'h'dci Zc' egd'Z' YZ'cdb Wg'j hZh'b ZcVXZh!iZá'h'f'j Z'á'h'eghZh'VXX'YZciZá'h'á'gh'YZh'e X] Zh!á'Vá' g'i 'dc' YZ'a] WMVi!á'edá'j i 'dc i Zg'Zhi'g'á'edá'j i 'dc h'dcd'g' Vci] g'le'f'j Z Zi'á'h'X] Vc\Zb Zcih'Xab Vi f'j Zh# Il est primordial de comprendre ces menaces et leurs répercussions sur les mammifères marins edj g' á'Wá'g'YZh'h'ig/i \ 'ZhYZ'XdchZg'Vi 'dc'Veegleg' Z'h#

2. INTÉRÊT

AV'Xda'ZXiZ'YZ'Yd'cc Zh'g'k i'j cZ' b edgVcXZ'XVe'á'edj g'á'X'dchZg'Vi 'dc'YZh'b Vb b f' g'h' b Vgch# á'á'V'YZ' 'Xdb eg'ZcY'g'á'YncVb f'j Z'YZh'edej á/i 'dch!á'h'b ZcVXZh'Zi'á'h'á'ciZ'g'Xi 'dch' Xda'á'f'j Zh!XZ'f'j 'eZ'g' Zi Y Vhj g'g'j cZ\Zhi' 'dc'Z' X'VX'Zi Y á'Wá'g'YZh'eda'f'j Zh'VY'Vei Zh#

3. ÉTAT ACTUEL DE LA COUVERTURE DE LA COLLECTE DE DONNÉES

AVb á'dg/i 'dc'YZ'á'Xda'ZXiZ'YZh'Yd'cc Zh'Zi'á'g'Ydj Wá'b Zci'YZh'Z[[d'gh'Y eá'n hZc'b Vi^ g'YZ' \Zhi' 'dc' 'dci' eZ'g' h'Y Vhj g'g'j cZ'b Z'á'Zj g'á'X'dchZg'Vi 'dc'YZh'edej á/i 'dchYZ'b Vb b f' g'h'b Vgch# 8ZeZcYVci!á'h'Z[[ZihYZh'X] Vc\Zb Zcih'Xab Vi f'j Zh'hj g'á'h'edej á/i 'dchYZ'b Vb b f' g'h'b Vgch' Zi'á'Zj g'h] WMVih'c XZhh'á'Zci'YZh'ig'kVj m'YZ'g'X] Zg'X] Z Zi'j cZ'Xda'ZXiZ'YZ'Yd'cc Zh'á'ciZ'g'g'j b ej h' Zc'k'j Z'Y Xá'á'g'á'h'ij ij g'h'h'ig/i \ 'ZhYZ'XdchZg'Vi 'dc'# c'dj i'g'á'á'Xda'ZXiZ'YZ'Yd'cc Zh'dj Z'j c' g'á'Zhh'Zci'á'á'Vch'á'Xdb eg] Zch'á'c'YZh'Xdch f'j ZcXZh'YZ'ídj iZ' k'dá' i' 'dc'YZh'edej á/i 'dchYZ' b Vb b f' g'h'b Vgch'hj g'á'h'egd'XZh'hj h'dX Vc'f'j Zh!'Ydci'á'ig'á'ch[Z'g'heVi'á'á'YZh'á'c'j ig'b Zcih'Zi' Yj 'XVg'á'c'Zi'V'ch'á'f'j Z'hj g'á'h'edej á/i 'dch'jj b V'cZh'Zi'á' Xdcdb Z#AV'edj g'hj á'Z'YZh'Z[[d'gh'YZ' Xdde g'i 'dc'YVch'á'Xda'ZXiZ'YZ'Yd'cc Zh'Zi'á'h'ig'kVj m'YZ'g'X] Zg'X] Z'XdccZm'h'Zhi'Zhh'Zci'á'á'á' á'h'j g'á'Z'Zi'Vj 'WZc" i'g'á'á'c'á'i'Z'g'p Z'YZh'Zhe XZh'YZ'b Vb b f' g'h'b Vgch'Zi'YZh' Xdh'ni b Zh' f'j 'á'h] WMZci#

E. Reptiles marins

AVcVanhZ XdciZcj ZYVch'á'eg hZciZ hZXi 'dc hZ [dcYZ hj gá'X] Ve'g +: YZ'á/YZj m' b Z' kVá Vi 'dc' b dcYVá YZ'adX Vc#

1. INTRODUCTION

A kVá Vi 'dc' b dcYVá YZ'adX Vc'h'Z'XdcXZci'g'h'j g'a iVi'YZ'XdchZg'Vi 'dc'YZh'ídj Zh'b Vg'cZh! YZh'h'Z'g'eZcih'b Vg'ch'Zi'YZh'á'j VcZh'b Vg'ch#AZh'á'Z'ei'á'h'b Vg'ch'h'dci Zc'egd'Z' YZ'cdb Wg'j hZh' b ZcVXZh'á'cdiVb b Zci'á'h'eghZh'VXX'Zhh'd'g'h!á'h'eghZh'X'Vá Zh!á'edá'j i 'dc' b Vg'cZi'á'eZ'g'Z' Y] WMVi!á'á'Y kZá'leeZb Zci'X i'Z'g'á'h'b Vá/Y'Zh'Zi'á'h'X] Vc\Zb Zcih'Xab Vi f'j Zh#



3.



III. État de la biodiversité dans les habitats marins

A. Zone intertidale

AVcVanZ`Xdcj Z`YVch`a`eg hZciZ`hZXi`dc`hZ[dcYZ`hj g`z`X] Ve`f`g` , 6`YZ`a`/YZj m` b` Z` kVj Vi`dc` b` dc`Y`V`z`YZ`adX` Vc`#

1. INTRODUCTION

AV`odcZ`ciZg`YVz`!`aZj`YZ`g`zcXdcig`Z`ci`g`a`b`Zg`Zi`a`i`Zgg`!`Wg`f`Z`j`cZ`Y`kZgh`↑`Y`J`VM`Vi`h`a`z`
ad`c`YZ`h`X`i`Zh`Y`j`b`dcYZ`Z`ci`Z`g`#8Zii`Z`odcZ`j`c`f`j`Z`g`j`a`g`b`Z`ci`a`h`h`Z`°`cj`Zi`b`b`Zg`Z`V`j`°
g`i`]`b`Z`YZ`h`b`Vg`Zh`Z`hi`j`cZ`ciZg`VXZ`Xg`X`V`a`Z`ci`g`a`h`X`dh`n`h`i`b`Zh`i`Z`gg`Z`h`i`g`Z`i`b`Vg`ch`#AZ`h`°
g`k`V`Z`h`g`d`X`]`Z`j`m`a`z`h`e`a`^`Z`h`Y`Z`h`W`z`!`a`z`h`b`Vc`g`k`Z`h`i`a`h`g`X`f`h`X`d`g`/a`z`ch`Zi`a`h`Z`h`i`g`/ch`e`a`/i`h`°
X`d`b`e`i`Z`ci`e`V`g`b`^`a`z`h`Y`k`Z`g`Z`c`k`g`d`c`c`Z`b`Z`c`i`h`f`j`Z`a`d`c`i`g`d`j`k`Z`Y`V`ch`a`odcZ`ciZg`YVz`#`c`g`/`h`d`c`YZ`°
h`d`c`V`X`X`Z`h`h`W`a`t`!`Z`a`dcZ`dcZ`a`z`YVch`a`z`h`°`Zi`°

hZgk'XZh° Xdhnhi b fj Zhk1Vj n#8Zh] VMVihXdj kqZci idj h'azh'afidgVj mYj b dcYZZi hndci a' h ° Y[[gZcih° Xdhnhi b Zh!eVgb ^azhfj Zah'azhg X[hXddg/azch!azhZhi j Vgzh!azhb Vc\gdkZhZi azh° marais salants.

2. INTÉRÊT

AZh'g X[h'Wd\ c'fj ZhZi azh'afidgVj mhVWdcccZj m'Wdj Zj mZi'gdX] Zj mgZk iZci j cZ°b edgVcXZ° XdchY g/WZ°YVch'azh'Zck'gdcccZb Zcih'X i Zgh'Zc'g/hdc'YZ°a'gX] ZhhZ°YZ°azj gWdY'kZgh' ° Zi°YZh'hZgk'XZh° Xdhnhi b fj Zh'ZhhZci Zah'fj ah'[dj g'nhZci#8Zh] VMVih'gb eahhZci YZh° [dcXi dchZhhZci Zazh!iZazhfj Z°a' agVi d'cYZ°azVj !aVab ZciVi d'cYj XnXazYZh'cj igb ZcihZi aV' egdiZXi d'cYj afidgVafj ^dci YZhZ[[ZihYgZXi'hj gZ°WZc" i gZ°Zi hj gZhb dnZchYZ'hj Vh'hiVcXZ° YZh'edej aVi d'ch] j b VcZh#Eaj hYZ°+%/ YZ°a'edej aVi d'c b dcYVaz'k'kVci YVch'azh'odcZhX i ^ gZh! XZh'Zck'gdcccZb Zcih'hndci °b edgVcih'Yj c'ed'ci YZ°kj Z° Xdcdb fj Z°edj gZ°idj ghb Z!edj gZ° e X] Z°g Xg Vi kZ!Vg hVcVaz°Zi Xdb b ZgkVaz°Vch'fj Z°edj gZ°j gkVaz°j gZhi] i fj Z°Zi°g Xg Vi kZ# 8ZeZcYVci!XZh] VMVih'hndci YZ°eaj hZc°eaj hkj æ g/WZ'hVj mg eZgXj hh'dchYZ°b j a'eah[VXiZj gh° YZ°hi gZhh!cdiVb b Zci aV'edaj i d'c!aj gWc'hVi d'c X i ^ gZ°Zi azhZ[[Zih'c [VhiZhYZhX] Vc\Zb Zcih° Xab Vi fj Zh!edhVci Y °b edgVcih'edgVab Zh'edj gZ°j ghVci Zi°azj g[dcXi dcccZb Zci#

3. ÉTAT ACTUEL DE LA COUVERTURE DE LA COLLECTE DE DONNÉES

H°ab edgVcXZ° Xdad\ fj Z°YZh'g X[h'Wd\ c'fj ZhZi afidgVj mhVWdcccZj m'Wdj Zj mZi'gdX] Zj m



3. ÉTAT ACTUEL DE LA COUVERTURE DE LA COLLECTE DE DONNÉES

Dc`Y`hedhZ`YZ`eZj`Y`c[dgb`Vi`dch`hj`gá`b`Vc`^`g`Ydci`ā`h`eglxZhhj`h`g`X[Vj`m`g`V`g`pci`Vj`m`X]`Vc`Zb`Zci`h`YZh`[VXiZj`gh`Xab`Vi`fj`Zh`c`Y`k`Yj`Zā`Zi`Xdb`Wc`h`Vj`[j`g`Zi`°`b`Zhj`g`YZ`ā`j`g`kdj`i`dc`#AVkVgWVat` \`d`g`/e]`fj`Z`YZ`a`gdh`dc`Zi`YZ`a`cdcYVi`dc`YZh`X`iZh`Zhi`d`W`Zgk`Z!`b`Vh`ā`h`XVj`hZh`YZ`XZh`h`X]`b`Vh`he`Vi`Vj`m`h`dci`b`Vā`Xdb`egh`Zh`!`XZ`fj`^`Zb`e`X]`Z`Zc`g`/c`YZ`e`Vg`Z`idj`i`Z`eg`k`h`dc`Yj`Xdb`edg`Zb`Zci`[j`ij`g`Y`]`WV`Vi`h`e`Vg`Xj`ā`Zgh`#

D. Récifs coralliens tropicaux et subtropicaux

AVc`Van`h`Z`X`dci`Zcj`Z`YV`ch`ā`/`eg`h`Zci`Z`h`ZXi`dc`h`Z`[dc`YZ`hj`gā`X]`Ve`↑`g` ,`9`YZ`ā`/`YZj`m`b`Z`°`kVj`Vi`dc`°`b`dc`Y`Vā`Z`YZ`ad`X`Vc`#

1. INTRODUCTION

AV`YZj`m`b`Z`°`kVj`Vi`dc`°`b`dc`Y`Vā`Z`YZ`ad`X`Vc`Ve`edg`Z`YZ`cdj`kZā`h`c`[dgb`Vi`dch`hj`gā`i`Vi`YZh`°`g`X[h`Xdd`/ā`Zch`i`gle`XVj`m`Zi`hj`W`gle`XVj`m`YV`ch`e`ā`h`Zj`gh`g` \`dch`Zi`Xdci`Zci`j`cZ`YZh`Xgei`dc`°`YZ`ā`j`g`Y` \`g`/Y`Vi`dc`X`dchi`Vci`Zi`!`fj`^`h`Z`n`egb`Z`c`di`Vb`b`Zci`YV`ch`ā`/`b`dg`Vat`°`b`Vhh`k`Z`YZh`X`dd`/j`m`Yj`Z`Vj`m`k`V`Vj`Zh`YZ`X]`Vā`j`gb`Vg`c`Z`b`dc`Y`Vā`Z`h`Zi`ā`Y`Xā`c`YZ`ā`/`W`d`Y`k`Z`gh`↑`YZh`g`X[h`Xdd`/ā`Zch`#

2. INTÉRÊT

AZh`g`X[h`Xdd`/ā`Zch`i`gle`XVj`m`Zi`hj`W`gle`XVj`m`h`dci`YZh`°`X`dh`n`hi`b`Zh`k`Vj`m`fj`^`W`g`↑`Zci`Y`k`Z`gh`Zh`°`Zhe`X`Zh`b`Vg`c`Z`h`Zi`_`dj`Zci`j`c`g`ā`X`g`X`Vā`YV`ch`ā`/`eg`di`ZXi`dc`YZh`X`iZh`#`ā`h`dci`°` \`Vā`Zb`Zci`°`b`edg`Vci`h`Zc`i`Vci`fj`Z`h`dj`g`X`YZ`g`k`Zcj`h`!`c`di`Vb`b`Zci`YV`ch`ā`h`h`ZXi`Zj`gh`YZh`e`X]`Zh`Zi`Yj`°`idj`gh`b`Zi`Zi`h`d`Xā`YZ`a`YZci`↑`h`d`X`d`Xj`ā`j`g`ā`Z`#`B`Vā`g`ā`Zj`g`b`edg`Vc`XZ`°`X`dā` \`fj`Z`Zi`°`X`d`c`d`b`fj`Zi`°`ā`h`g`X[h`h`dci`Z`n`ed`h`h`°`YZ` \`g`/k`Zh`b`Zc`V`X`Zh`!`eg`c`X`e`Vā`Zb`Zci`Yj`Zh`Vj`m`X]`Vc`Zb`Zci`h`Xab`Vi`fj`Zh`°`Zi`V`k`°`Zi`!

1. INTRODUCTION

AZh`XdgVj mY ZVj [gd`YZ`hdcI`eg hZcih`YVch`z`b dcYZ`Zci`ZgZi`[dgb Zci`YZh`] VM`Vih`VXXj Z`a/ci` j cZ`g/cYZ`Y`kZgh` Ydg`Vc`hb Zh`b Vgch`#AZj gh` Xdhnhi b Zh`ci`Zg`^`hhZci`Y`g`Xi`Zb Zci`VkZX`z` b`azj`dX`Vc`fj`Z`hj`e`gZj`geVgXdj`ea`^`Z`VZci`] fj`Z`e`a`^`fj`Z`!`XdcigVY`Vci`Vj`g`hZVj`igde] fj`Z` YZh`g`/cYh`[dcYh`Zi`Vj`XnXz`YZh`cj`igb`Zcih`#

2. INTÉRÊT

AZh` Xdhnhi b Zh`YZ`XdgVj mY ZVj [gd`YZ`hdcI`b`edg`Vcih`edj`gá`W`NY`kZgh`^`b`VgcZ`!`á`k`W`W`at` °` YZh`e` X] Zh`!`z`hidX`V`Z`Yj`XVg`WdcZ`Zi`z`WZc`" igZ`] j b Vc`#`z`h`[dj`g`h`hZci`j`c`] VM`Vi`hZgkVci` Y`V`W`g`dj`YZ`cdj`gg`XZgZ`edj`gá`Zh`hidX`hYZ`ed`hhdch`Z`nead`^`h`Xdb`b`Zg`X`VaZb`Zci`!`XdcigVY`Vci`YZ` XZ`[V`^` °`aV`dei`dc`YZ`eg`/i`fj`Zh`YZ`e` X] Z`Yj`g`WZ`h`#`c`dj`igZ`!`z`h`XdgVj`mY`ZVj`[gd`YZ`XdcI`ZccZci` °` YZ`eg`X`Zj`hZh`g`hhdj`g`Zh`^`c`i`fj`Zh`b`Vgc`Zh`Zi`V`^`hhZci`Xdb`b`ZYZh`ej`^`h`YZ`XVg`WdcZ`!`e`^`Z`Vci` °` z`XVg`WdcZ`YZ`a`Vi`b`dhe] g`idj`i`Zc`Vii`cj`Vci`z`h`Z`[[Zih`YZh`X] Vc`Zb`Zcih`Xab`Vi`fj`Zh`#AZj`g` XdchZgkVi`dc`Zhi`ZhhZci`Z`az` °`á`egdi`ZXi`dc`YZh` °` Xdhnhi b Zh`b`Vgch`kj`æ`g`WZ`h`Zi`á`g`Vah`Vi`dc` °` YZh`d`WZ`Xi`[h`YZ`Y`kZ`adeeZb`Zci`Yj`g`WZ`a`h` °`á`XdchZgkVi`dc`Yj`b`azj`b`Vgc`!` °`á`h`Xj`g`^` °` Mab`Zci`V`g`Zi`Vj`mg`Zidb`WZh` °` Xdcdb`fj`Zh`edj`gá`Z`h`e`Vnh`fj` ^`Y`eZcYZci`YZh`g`hhdj`g`Zh`b`Vgc`Zh`#

āh° k cZb Zcih°cVij gāh°Zi°āh°VXi°k↑ h°] j b V°cZh#B Vāg āh°eZgj g/Wi°dch°] j b V°cZh!°XZh°
b āZj m°WVj°Zci°j cZ°\g°cYZ°WdY°kZgh°↑ °Zi°YZh° Xdhnhi b Zh°kVg° h!°iZā°fj Z°YZh°b Vc°\gkZh!°
YZh°b Vg°/h°hVā°cih!°YZh°] Zg°WZgh°b Vgch°Zi°āh°odcZh°°ciZg°YVāh#°āh°hdc!°eg X°Zj medj gāh°
e X] ZgZh°Xdb b Zg°Vāh°Zi°āh°e X] ZgZh°YZ°h°j W°h°iVcXZ°fj °h°nY ead°Zci!V°ch°°fj Z°āh°VXi°k↑ h°YZ°
idj g°hb ZZi°YZ°āh°h°gh°fj °h°Vii°g°Zci!Zi°Xdcig°W°Zci°\g°cYZb Zci° °ā Xdcdb °Z°b dc°Y°Vā!°āZj gkVāZj g°
Xdcdb °fj Zi°di°Vā°Vn°Vci° °i Zhi°b Z° °ēā h°YZ°+&%%°b āVg°h°YZ°Ydā°gh°Zc° °&°) #AZb Wd°j X] j g°
YZh° Zj kZh°h°Zg°YZ°kd°Z°Y°VXX h° āZVj °Ydj XZ!°Vj n°cj igb Zcih!°Vj n°h° Y°b Zcih°Zi°Vj n°ēdā°j Vcih°Zi°
ZāZ°Zhi°Zh°h°Zci°ZāZ°ēdj gāh° Xdhnhi b Zh°b Vgch°Zi°X °i°Zgh°#

3. ÉTAT ACTUEL DE LA COUVERTURE DE LA COLLECTE DE DONNÉES

AZh°hnh°i b Zh°Y°dW°h°Zg°k°Vi°°dc!°iZā°fj Z°āh°h°ViZā°fZi°āh°g hZVj m°b dc°Y°Vj m°Y°dW°h°Zg°k°Vi°°dc°Zi°°āh°
Wd°j Zh!°Xdc j h°edj gh°V°h°g°ā kdā i°°dc°g°ve°YZ°YZh°Xdc°Y°↑°dch°Zck°g°d°cc°Zb Zci°Vāh°YZh°Zhij V°g°h°Zi°
YZh°YZā°Vh!°dci° °i °Vb ādg h°#8Zg°V°c°Zh°Y°^ Xj ā h°ēZgh°i°Zci°YVch°ā°\°Zhi°°dc°YZ°āj i°°h°Vi°°dc°YZh°
iZg°h°YVch°ā°h°Zhij V°g°h°Zi°āh°YZā°Vh!°cdi°Vb b Zci°Zc°XZ°fj °Xdc°XZ°g°Z°ā°eg k°h°dc°YZh° k cZb Zcih°
Zm°g b Zh°Zi°āh°Z°[[Zih°Yj °g°ve°YZ°Y kZā°ēē°Zb Zci°YZh°°ci°Zg°Zci°°dch°] j b V°cZh°#AV°Xdb eg] Zch°dc°
YZ°ā°\°Xdc°h°Zg°k°Vi°°dc°YZh°°odc°Zh°] j b °YZh°X °i°^ g°h°YVch°ā°h°g°\°dch°°d °ZāZ°ēZj i°°Veedg°Zg°ā°ēā°h°
YZ°WZc[V°h°°dj °Vii° °cj Zg°ā°W°h°d°c°°Y°dj kg°\°Zh°YZ°egdi°ZXi°°dc°c° XZh°h°↑°Z°YV°k°Vci°V°Z°YZ°Yd°cc° Zh°#
AVb ādg°i°°dc°YZ°ā°/°hj g°Z°ā°V°c°XZ°Zi°ā°ēk°Zhi°°h°h°Zb Zci°YVch°ā°/°g°X] Zg°X] Z°h°X°Zci°^ °fj Z°ēZg° Ziig°dci°YZ°

3. ÉTAT ACTUEL DE LA COUVERTURE DE LA COLLECTE DE DONNÉES

7 Zc°fj Z°adc°b Zhj g°YZ°eaj h°Zc°eaj h°a°b edjVcXZ°YZh°] ZgWZgh°b Vg°ch°Zi°YZh°hZg°XZh°
Xdhni b °fj Zh°fj °h°g°cYZci!°dc°b Vcfj Z°YZ°Ydcc Zh°heVi°VZh°Zi°iZb edgZaZh°edj g°YZ°
cdb WZj hZh°g \ °dch#AZh°XVgZh°YZ°g eVg °dc°YZh°] ZgWZgh°b Vg°ch°Yd°kZci° ig°eaj h°Y iV°a Zh°
Zi°ac°ZmhiZ° °a] Zj g°VXij ZaZ°Vj Xj c°g [g°Zci°Za°YVch°aZ°fj Za°Zh°°c[dgb Vi°dch°eZj kZci° ig°
b °hZh°Zc°Xdb b j c° °YZh° X] ZaZh°eZg °ZciZh°hj gā°ea°c° Xdad\ °fj Z#: c°dj ig°!°aZh°ig°kVj m°YZ°
g°X] Zg°] ZhdX°dXj aj gZaZ°Zi° Xdcdb °fj Z°eg hZciZci°YZh°a°Xj cZh°Zc°b Vi°^ g°YZ°XdccV°hhVcXZh°#
AZh°V°kVcX Zh°iZX] cda\ °fj Zh°iZaZh°°fj Z°a°i a Y iZXi°dc°Zi°a°b dY ahVi°dc!°VhhdX^ Zh° °YZh°
VeegdX] Zh°ciZg°h°X°eac°V°Zh!°eZgb Ziig°ci°YZ°b °Zj m°Xdb eg°ZcYg°aZh°°ciZg°/Xi°dch°Xdb eaZnZh°
Zci°g°aZh°] ZgWZgh°b Vg°ch°Zi°aZj gZck°g°lccZb Zci°Zi°Y°Zc°Xdj g°\Zgā°g°XZchZb Zci°YZh°hdaj i°dch°
edhh°WZh°YZ°eg kZci°dc°YZ°idj iZ°eZgZ°hj eea b ZciV°g°#

H. Mangroves

AVcVahZ°XdcicZj Z°YVch°a°eg hZciZ°hZXi°dc°hZ°[dc°YZ°hj gā°X] Ve°gZ° , = YZ°a°/YZj m°iYY Z Y°





3. ÉTAT ACTUEL DE LA COUVERTURE DE LA COLLECTE DE DONNÉES

AZh[°]ZVj mēgd[dcYZh[°] iVci[°]Y[^] X[°]Zh[°] °ViiZ[°]cYgZ![°]ā[°]eā[°]eVg[°]YZh[°]XVcndch[°]Zi[°]YZh[°]iVā[°]h[°]g[°]hiZci[°]
°cZnēadg h![°]Zc[°]eVg[°]Xj aZgVj m[°]b Vg[°]Zh[°]YZh[°]eVnh[°]Zc[°]Y kZāleeZb Zci[°]#Fj Zā[°]j Z[°]++/[°]YZh[°][dcYh[°]
b Vg[°]chYZh[°]iVā[°]h[°]Xdci[°]cZciVj m[°]Zci[°]g[°]* %[°]%[°]Zi[°]&[°]%[°]%[°]b i[°]g[°]h[°]cZ[°]h[°]dci[°]eVh[°]ZcXdg[°]XVgd[°]\d[°]e[°]] ^ h![°]i[°]dj i[°]
Xdb b Z[°], ' / YZ[°]XZj m[°]h[°]ij h[°]Zci[°]g[°]&[°]%[°]%[°]Zi[°]([°]%[°]%[°]b i[°]g[°]h![°]Zi[°]j cZ[°]odcZ[°]ZcXdg[°]eā[°]h[°]kVhiZ[°]cV[°]Vb V[°]h[°]
kj h[°]V[°]Wā[°]d[°]\Z[°] ij Y[^]Z[#]: c[°]dj i[°]g[°]![°]ā[°]Zh[°]Y[°]hēVg[°] h[°]Zc[°]b Vi[^]g[°]YZ[°]XdccV[°]h[°]VcXZh[°]Zi[°]YZ[°]iZX] cdā[°]\Z[°]h[°]
h[°]dci[°]Xdch[°]Y g[°]V[°]Zh[°]Yj cZ[°]g[°]\[°]dc[°] ā[°]Vj i[°]g[°]#

K. Glaces des hautes latitudes

AVcVanhZ[°]XdciZcj ZYVch[°]ā[°]eg hZciZ[°]hZXi[°]dc[°]hZ[°][dcYZ[°]h[°]gā[°]X] Ve[°]ā[°]g[°], @YZ[°]ā[°]YZj m[°]b Z[°] kVā[°]Vi[°]dc[°]
b dcY[°]Vā[°]YZ[°]adX Vc#

1. INTRODUCTION

9Vch[°]ā[°] kVā[°]Vi[°]dc[°]b dcY[°]Vā[°]YZ[°]adX Vc![°]~\ā[°]/XZ[°]YZh[°]] Vj iZ[°]h[°]ā[°]i[°]ij YZ[°]h[°] Zhi[°]Zb eā[°]n[°] Xdb b Zj c[°]iZ[°]g[°]Z[°]
\ c g[°]fj Z[°]edj g[°]Y h[°]\cZgj cZ[°]Y[°]kZgh[°] Y] V[°]M[°]Vih[°]b Vg[°]chYZh[°]] Vj iZ[°]h[°]ā[°]i[°]ij YZ[°]h[°]fj ^g[°]k iZci[°]j cZ[°]
°b edgVcXZ[°]Xg[°]fj Z[°]Zi[°]Zc[°]\ā[°]VZci[°]ā[°]h[°]eā[°]iZ[°][d[°]g[°]Zh[°]YZ[°]\ā[°]/XZ[°]!ā[°]/V[°]Wcfj h[°]Zi[°]ā[°]/\ā[°]/XZ[°]YZ[°]b Zg[°]Zi[°]ā[°]/ā[°]h[°]^g[°]
YZ[°]h[°]\ā[°]/XZ[°]h[°]ig h[°]b d[°]Wā[°]#AZh[°]] V[°]M[°]Vih[°]\ā[°]/X[°]V[°]g[°]h[°]YZh[°]] Vj iZ[°]h[°]ā[°]i[°]ij YZ[°]h[°]h[°]dci[°]XVg[°]/Xi g[°]h[°]eVg[°]j cZ[°]
Y[°]b °cj i[°]dc[°]°b edgVciZ[°]i[°]b V[°]h[°] \ d[°]\d[°]e[°]] f[°]j Z[°]b Zci[°]kVgV[°]Wā[°]!YZ[°]ā[°] iZc[°]Yj ZYZ[°]ā[°]/\ā[°]/XZ[°]YZ[°]b Zg[°]XVj h[°]Z[°]
eVgā[°]Z[°]h[°]X] Vc[°]\Z[°]b Zci[°]h[°]Xab Vi[°]fj Zh[°]#AVYZj m[°]b Z[°] kVā[°]Vi[°]dc[°]b dcY[°]Vā[°]YZ[°]adX Vc[°] ā[°]d[°]↑[°]ā[°] ij YZ[°]YZ[°]h[°]
Zck[°]g[°]ccZ[°]b Zci[°]h[°]YZ[°]ā[°]/\ā[°]/XZ[°]YZ[°]b Zg[°]YZ[°]h[°]] Vj iZ[°]h[°]ā[°]i[°]ij YZ[°]h[°]Zc[°]n[°]cXā[°] Vci[°]YZ[°]h[°]Xdch[°]Y g[°]/i[°]dc[°]h[°]ij gā[°]Z[°]h[°]
] V[°]M[°]Vih[°]Vh[°]hdX[^] h[°]Vj m[°]XZ[°]VZ[°]g[°]h[°]Zi[°]Vj mēā[°]iZ[°][d[°]g[°]Zh[°]YZ[°]\ā[°]/XZ[°]#

2. INTÉRÊT

AZh[°]] V[°]M[°]Vih[°]YZ[°]h[°]eā[°]iZ[°][d[°]g[°]Zh[°]YZ[°]\ā[°]/XZ[°]Zi[°]YZ[°]h[°]XZ[°]VZ[°]g[°]h[°]eg hZciZci[°]YZ[°]h[°]\cVij g[°]Z[°]h[°]b Vg[°]cZ[°]h[°]
j c[°]fj Zh[°]Zi[°]dci[°]j cZ[°]c[°]X[°]YZcXZ[°]h[°]gā[°]dX Vc[°]Zck[°]g[°]ccVci[°]fj ^Y[°]↑[°][g[°]YZ[°]XZ[°]ā[°]YZ[°]ā[°]/\ā[°]/XZ[°]YZ[°]b Zg[°]#AV[°]
[dciZ[°]YZ[°]h[°]XZ[°]VZ[°]g[°]h[°]Veedg[°]YZ[°]h[°]cj ig[°]b Zci[°]h[°]Zi[°]YZ[°]h[°]b Xgd[°]Xdchi[°]ij Vci[°]h[°]fj h[°]i[°]b j ā[°]ci[°]ā[°]/eg[°]Yj Xi[°]k[°]↑[°] °
YZ[°]h[°] Xdhn[°]i b Zh[°]#AVY \g[°]/YVi[°]dc[°]YZ[°]ā[°]/eā[°]iZ[°][d[°]g[°]Z[°]\ā[°]/X[°]V[°]g[°]Zi[°]ā[°]X] dj V\Z[°]YZ[°]h[°]XZ[°]VZ[°]g[°]h[°]dci[°]YZ[°]h[°]
Z[[Zi[°]h[°]c \Vi[°]f[°]h[°]ij gā[°]Zck[°]g[°]ccZ[°]b Zci[°]!Zc[°]eVg[°]Xj aZ[°]gh[°]ij gā[°]Z[°]h[°] Xdhn[°]i b Zh[°]VZci[°]] f[°]j Zh[°]X i[°]Zg[°]h[°]Zi[°]ā[°]h[°]
dg[°]Vc[°]h[°]b Zh[°]b Vg[°]ch#: c[°]dj i[°]g[°]![°]ā[°]/Y[°]b °cj i[°]dc[°]YZ[°]h[°]kdā[°] b Zh[°]YZ[°]\ā[°]/XZ[°]YZ[°]b Zg[°]g[°]Yj g[°]/ā[°]VXX h[°]YZ[°]h[°]
edej ā[°]/i[°]dc[°]h[°]ā[°]dXVā[°]Z[°]h[°]Vj nēdhh[°]Wā[°] hYZ[°]X] Vh[°]ZYZ[°]h[°]V[°]h[°]iVcXZ[#]9Vch[°]ā[°]Z[°]b b Zi[°]Zb eh[°]!ā[°]/Y[°]b °cj i[°]dc[°]
YZ[°]ā[°] iZc[°]Yj ZYZ[°]h[°]\ā[°]/XZ[°]YZ[°]b Zg[°]YVch[°]ā[°]g[°]ki[°]fj ZVXXgd[°]i ā[°]Z[°]hēdhh[°]Wā[°] hYVXi[°]k[°]↑[°] h[°]] j b V[°]cZ[°]h[°]iZā[°]Z[°]h[°]
fj Z[°]ā[°]/e X] Zi[°]ā[°]/cV[°]k[°]\Vi[°]dc[°]Zi[°]ā[°]/eg[°]l[°]hēZXi[°]dc[°]Y] nYgd[°]XVg[°]/Yj g[°]Z[°]h[°]#



1. INTRODUCTION

AZh`b dcih`hdj h`b Vgch!kdaVch`hj Wb Zg` h`h` aZkVci Vj "YZhhj hYj`ea/cX] ZgdX Vc`fj Z!Xdj kgZci` j`hfj` " %/ Yj [dcY`b Vgc`Zi`eg hZciZci`j cZ`ided\g/e] Z`Zi`j cZ`hig Xij gZ`e] nh`fj Zj c`fj Zh`#

2. INTÉRÊT

AZh`b dcih`hdj h`b Vgch`hdc`i`YZ`] Vj ih`aZj m`YZ`a`V`WdY`kZgh`!`VXXj Z`aZci`j c`\g/cY`cdb WgZ` YZhe XZhZcY` b`fj ZhZi`[dj g`hZci YZh`hZg`XZh` Xdhni b`fj ZhYZ`\g/cYZ`kVaj g`h`WgZci` YZ`gX] Zh`edej a`i`dc`h`WZci` f`j Zh`Zi`Vab`ZciZci`a`h`e` X] Zh`Xdb b`Zg`Vazh`#AZ`[V`WZ`cdb WgZ` Y` X] Vci`adcc\Zh`ab`↑XZeZcYVci`cdig`Xdb eg`] Zch`dc`YZ`a`b`edgVcXZ` Xda`\fj ZYZh`b dcih`hdj h`b Vgch`Zi`a`/k`j`a`g`Waf` Vj nb`ZcVXZh`f`j`^Zhi`a`a`Zj`g`

3. ÉTAT ACTUEL DE LA COUVERTURE DE LA COLLECTE DE DONNÉES

9Z`g XZcih`egd`g/b`b`Zh`YZ`gX] ZgX] Z`dci`Xdcig`WY` °`Vb`adg`g`cdig`Z`XdccV`hhVcXZ`YZh` Xdhni b`Zh`YZh`b dcih`hdj h`b Vgch!`n`Xdb egh`aZj`gh`Z[[Zih`hj`g`a`X`gX] a`i`dc!`a`eg`Yj`Xi`k`↑` °`egb`V`gZ`i`a`g`eVg`↑`dc`YZh`Zhe`XZh`#`dj`iZ[d`h!`i`Vci`Ydcc`a`Z`ig`h`[V`WZ`cdb WgZ`YZ`b`dcih`hdj h`b Vgch`ij`Y`^`h`a`X] ZaZ`b`dcY`VaZ!`ag`Zhi`YZh`a`Xj`cZh`b`edgVciZh`YVch`a`/Xdb`eg`] Zch`dc`hX`Zci`^`fj`Z`YZ`a`iZcYj`Z`Zi`YZh`XVg/Xi`g`hi`fj`Zh`YZ`a`V`WdY`kZgh`↑`YZh`b`dcih`hdj h`b Vgch`Zi`YZ`aZj`gg`h`aZcXZ`[VXZ`Vj`mX] Vc\Zb`Zcih`Xab`Vi`fj`Zh`Zi`Vj`m`VXi`k`↑`h`] j`b`V`cZh`#`a`Xdck`Zci`YZ` déployer des efforts de collecte de données plus poussés pour combler les lacunes en matière de connaissances.

M. Plaines abyssales

AVcVahZ`Xdc`i`Zc`j`Z`YVch`a`/eg`hZci`Z`hZXi`dc`hZ`[dc`YZ`hj`g`a`X] Ve

b 9Z kVhiZh°dcZh°YZh°[dcYh°b Vgch°WWhhVj mcdci°eVh° i ° X] Vci°adcc Zh#A °d °an°
dci° i ° X] Vci°adcc h!Zh°c[deg Vi°dch°hj gá/iVn°l°c°d°b Z°Zi°á°W°d°Y°k°Z°g°↑ °YZb°Zj°g°Zci°ab°↑ Zh°



Zi hndci XdchY g hXdb b Z'eaj h'gX] ZhZc'gZhdj gXZhZnead↑WZh'fj Z'azhYdghVzh'dX Vc'fj Zh# AZh'[dhhZh'hndci YZh'Y egZhh'dch'ad'c\j Zh'Zi' igl'Z'h'Yj '[dcY'b Vgch'hdj kZci'ig h'egld[dcYZh'Zi' Y'hnb igf'j Zh!Vj m' VcXh'gZ'ali kZb Zci ZhXVge h#9Z' ch'h Y'b Zcih'hVXXj b j azci'hj ghdc[dcY' ea/i#AZh'[dhhZh'hZ'[dgb Zci'adgh'fj Z'azh'ea/fj Zh'dX Vc'fj ZhZci'gZci Zc'Xdah'hd'c VkZX'azh'ea/fj Zh' Xdci'cZciVzh'Ozh'ea/fj Zh'dX Vc'fj Zh'eaj h'ad'j gZ'h'hndci Valgh'hj Wj Xi Zh!Xg Vci j cZ'[dhhZ#

2. INTÉRÊT

A kvaj Vi'dc'YZh'XVg/Xi ghi'fj Zh'YZh'\g/cYh'[dcYh'b Vgch'Zhi'WWhdj b Zci'c XZhhV'gZ'c' g/hndc'YZ'aVj \b ZciVi'dc'YZh'VXi'k' h']j b V'cZ'h'Zi'YZh'b ZcVXZh'fj ^edj gY/Zci'eZhZgXZh' odcZh' Xdad\ f'j Zb Zci'hZch'WZh#AV'b Zhj gZ'YZ'azj g'b edgVcXZ'Zi'a/Xdb eg] Zch'dc'YZ'azj gh' XVg/Xi ghi'fj Zh'eZgb ZiiZci'Y aWdg'gYZh'hig/i \Zh'YZ'XdchZgkVi'dc'Zi'YZ'\Zhi'dc'k'hVci' ° eg hZgkZga'WdY'kZgh' b VgchZ#

3. ÉTAT ACTUEL DE LA COUVERTURE DE LA COLLECTE DE DONNÉES

Fj Zaf'j Z'++/ 'YZh'[dcYh'b Vgch'YZh'iVaj h'Xdci'cZciVj m'YZ' °%% °&%%b igzh'YZ'egld[dcYZj g' c iVci'eVhZcXdg'XVgd\d'g/e] ^h'i'dj iXdb b Z; ' / YZ'XZj m'h'fj hZci'g'&%%zi' (%%b igzh'YZ' egld[dcYZj g'Zi'. (/ YZh'[dcYh'b Vgch'YZ'eaj h'YZ' (%%b igzh'YZ'egld[dcYZj g'j cZ'\g/cYZ'eVg'Z' YZh'[dcYh'b Vgch'cV'Vb V'h'k'j 'hV'Wdad'\Z' ij Y^Z!XZ'fj ^[V'YZh'ZVj m'WWhhVzh'a'~ Wd iZ' cd'gZ' " YZh'h'b j a/i'dch'b dY ah Zh' 'a X] ZaZ'b dcY'VaZ#HV\ hhVci'YZh'YdghVzh!YZh'ea/iZVj m' Zi'YZh'[dhhZh!azh'XdccV'hVcXZh'hndci'eVg'Xj a' gZb Zci'ab ↑ ZhZc'XZ'fj ^XdcXZ'gZ'azh'VheZXi'h' [dcYVb ZciVj m'YZ'a'WdY'kZgh' Zi'adc'b Vcf'j ZYZ'Ydcc Zh' Xdad\ f'j Zh'Zi'Zck'g'dccZb ZciVzh! f'j ^hndci'ZhhZci'Zazh'edj gVcVanhZg'azh'g edchZh'YZh' Xdhnhi b Zh'Vj meZgj g/Wi'dch#AVXX h' Vj m'g/cYh'[dcYh'b Vgch'Zhi'ab ↑ ° f'j Zaf'j Zh'eVnh'Y kZadee h'egc'X'eVazb Zci'edj gYZh'g/hndch' cVcX^ gZ'h'Zi'iZ] c'f'j Zh#9Zh'g hZVj m'YZ'gZ'X] Zg] Z'Xdad'Wd'g'i [h'Zi' °ciZg' h'X'ea'c'V'gZ'h'dci' i' egdedh h'Xdb b Z'j c'b dnZc'Z XVXZ'YZ'Xdb WZ'gXZiiZ'a/Xj cZ!' iVci'Ydcc 'f'j j cZ'\g/cYZ' eVg'Z'YZh'\g/cYh'[dcYh'b Vgch'hZ'i'g'j kZ'YVch'azh'odcZh' Xdcdb f'j Zh'Zn'Xj h'kZh'YZh'eVnh'Zc' Y kZadeeZb Zci'Zi'Zc'] Vj iZ'b Zg#

P. Événements hydrothermaux et suintements froids

AVcVanhZ'XdciZcj Z'YVch'a'eg hZci'Z'hZXi'dc'hZ'[dcYZ'hj gZ'X] Ve'fgZ', E'YZ'a/YZ] m' b Z' kvaj Vi'dc' b dcY'VaZ'YZ'adX Vc#

1. INTRODUCTION

AZh' kZcih'] nYgdi] Zgb Vj m'VeVg/hhZci'eVgdj i'd j cZ'h'dj gZ'YZ'X] Vazj gZci'g/ cZ'a'X'g'j a/i'dc'YZ' azVj YZ'b Zg' ig/kZgh'az'[dcY'h'dj h'b Vgch'#AZh'hj 'ciZb Zcih'[gd'Y'h'dj h'YZh'h'dj gZ'h'h'dj h'b Vgch'Z#

3. ÉTAT ACTUEL DE LA COUVERTURE DE LA COLLECTE DE DONNÉES

AZh° kZcih°] nYgdi] Zgb Vj mZi°āzh°h°j° ĉiZb Zcih°[gd°Yh°h°dci° \ c g°āb Zci°YZh°XVg°/Xi° ghi°fj° Zh°YZ° adX° Vc°egd°[dcY°#EVg°Xdch° fj° Zci°!āh°ā°/Xj° cZh°Zc°b° Vi°^ g°YZ°Ydcc° Zh°g°XZch° Zh°edj° g°Y°Vj° i°g°h° XVg°/Xi° ghi°fj° Zh°YZ°adX° Vc°egd°[dcY!° h°Vkd°g°āh°Xdcc°V°hh°Vc°XZh°e°Vg°Xj° a° g°b° Zci°ab° ↑ Zh°Zc°XZ° fj° ^Xdc°XZg°Z°āh°Vhe°ZXih°[dc°YVb° Zci°Vj° m°YZ°ā°/Wd°Y°k°Zg°↑ Zi°ā°b° Vcfj° Z°YZ°Ydcc° Zh° Xdā\°fj° Zh° Zi°Zck°gdcc°Zb° Zci°Vāh°!°fj° ^h°dci°Zh°h°Zci°Zāh°edj° g°Vc°Vah°Zgāh°g° edch°Zh°YZh° Xdh°ni° b° Zh°Vj° m° eZgj° g°Wi°dch°h°Veeafj° Zci° \Vāb° Zci°Vj° m° kZcih°] nYgdi] Zgb Vj mZi°Vj° m°h°j° ĉiZb Zcih°[gd°Yh°#

IV. État de la société humaine en rapport avec l'océan



C.



AV°b V_dgf °YZh° ij YZh°Xdb eVg/ci°a/hVci °YZh°Xdb b j cVj i h°X i^ gZh° °XZaZ°YZh°
Xdb b j cVj i h°ci gZj gZh°Z°hdcij hfj °eg hZci°ab ↑ Zh°Vj mēVnh°Y kZa°lee h#

9Zh° ij YZh°b Zc Zh°Zc°YZ°cdb WZj māZj mdcieZgp h°YZ°Y iZgp °Zggeg Xh b Zci°
a/b eāZj gYj ghfj Z°edj gā/hVci °j j b V°cZYj c°XdciVXi°VkZX°YZ°āZVj YZ°b ZgXdcicVci°
YZh°\Zcih°eVi]d\ cZh#A°cX°YZcXZ°\adWā°YZ°a/b Vj kVhZ°fj Vaf °YZ°aZVj °V° i °
Zn°vb °c ZYVch°ā°XWYg°Yj cZ° ij YZ°b Zc Z°eVgā°<gdj eZ°b h°iZ°Y ZneZgh°hj gāZh°VheZXih°

La restauration des barrières naturelles telles que les récifs.

3. ÉTAT ACTUEL DE LA COUVERTURE DE LA COLLECTE DE DONNÉES

AZhdWZgkVi dch eVghVi ZafZ g k azci fj Z zhhkVj ZhYZX] Vaj gb VgcZ dci Ydj Wa YZ[g fj ZcXZ Zcigz & - ' Zi " %&+! Zi fj ZaZh h dci \ Vzb Zci YZkZcj Zh eaj h Yj g/WZh eaj h ciZchZh Zi eaj h iZcYj Zh! XZ fj ^Zhi aVgZb Zci b ej iVWZ aVj \b ZciVi dcYZ a/iZb e g/ij g b dnZccZ YZh dX Vch Yj Z Vj mX] Vc\Zb Zcih Xab Vi fj Zh cYj th eVg aVXi k^] j b V cZ #AZh hnh i b Zh Y Vaj g Z g/ e YZ! fj ^egYj hZci YZh eg k h dch WZh YZh kVj ZhYZX] Vaj gb VgcZ! eZj kZci XdcigWj Zg g Yj g zzhkj ac g/Wat hYZ a/ e X] Z! Yj idj ghb Z Zi YZ a/ XdchZgkVi dci! b Vh c dci eVh ZcXdg [V^ aj gh egj kZh g/cYZ X] ZaZ#



1. INTRODUCTION

2. INTÉRÉT

AZh`Y X] Zih`b Vgch`hdcieVg`Xj a` gzb Zci`cdb Wzj mihj gZhgkVZh!`d `h`hVXXj b j zci`hdj h`
aZ[[Zi`YZhXdj g/cih!`YZhkV\j Zh!`Yj kZci`Zi`Yj`Y`M`YZhXdj gh`YZVj # dj iZ[d`h!`zh`Y X] Zih`b Vgch!`
ZhhZci`Za`zb Zci`Xdb edh h`YZ`b Vi`^`g`Zhe`a`hi`fj Zh!`hZ`igdj kZci` `V`a`b Zci` `a`/hj g`VXZYZ`adX Vc`
YVch`a`h`ng`Z`h`dX Vc`fj Zh!`YVch`a`X`d`a`l`c`c`Z`Y`ZVj`Zi`Vj`[dcY`YZh`b Zgh!`V`ch`fj Z`YVch`a`W`di`Z`
b Vgch!`Vj fj Za`h`e`Zj kZci`XVj hZgYZhYdb b VZhY`g`Z`Xih`Zi!`adghfj`h`h`dci`Xdchdb b h!`e`Zj kZci`
cj`g`Z`YZhZhe`XZhYZ`c`k`ZVj`i`g`de] fj Zh`j e`gZj g`n`Xdb egh`a`i`g`] j b V`c`#AZh`Y X] Zih`b Vgch`
dci` `V`a`b Zci`YZh`Z[[Zih`hj g`Y`Vj i`g`Z`h`j i`h`Vi`d`ch`Yj`b`h`Zj`b Vgch!`cdi`Vb b Zci`a`/c`V`k`^`Vi`d`c!`a`
idj ghb Zi`a`Vfj VXj aj g`Zi`a`/e`X] Z`#A`ab`c`Vi`d`c`Y`a`W`g`Z`Y`Z`Y`X] Zih`dj`Y`Vj i`g`Z`h`b Vi`^`g`Z`h`Vj`c`Z`
c`X`Y`Z`c`X`Z`h`j g`Z`h` Xdhnhi`b Zh`b Vgch`Zi`Xg`Z`Y`Z`h`Y`h`Z`c`k`g`d`c`c`Z`b Zci`Vj`m`#

3. MRGMHIQ`p`p`p`p`MUE`p`MRPIR`p`p`p`NTROP`p`p`p`H`M`p`p`d`p`



g \ 'dch! 'idj i Z[d'h! 'Zi 'Zc 'eVg 'Xj aZg'YVch 'āzh 'eVnh 'Zc 'Y kZadeeZb Zci! 'āzh 'Ydccc Zh 'Y'hedc 'WZh°
YZb Zj g'Zci 'chj hVciZh'edj gā/ 'eghZ 'YZY X'h'dch'Vj 'c'kZVj 'adXVaZi'g \ 'dcVā'YZ'cdb Wg'Zj m'Zj m'
YZ'Ydccc Zh'c XZhh'Vci'j cZ'ciZgg iVi 'dc'eā' h'edj hh Z'Zi'j cZ'b Z'āzj g'g hdā i 'dc'heVi 'Vā' °
a X] Za'z' b dcY'Vā'z' #

AVcVanhZ'Xdcizcj Z'YVch'ā'eg hZciZ'hZXi 'dc'hZ [dcYZ'hj gā'X] Ve'f'g' &) YZ'ā/YZj m' b Z° kvā Vi 'dc°
b dcY'Vā'z'YZ'adX Vc#

1. INTRODUCTION

AVYZj m' b Z° kvā Vi 'dc b dcY'Vā'z'YZ'adX Vc'Xdciz'Zci YZh'c [dgp Vi 'dch'gā'i kZh'Vj m'X] Vc\Zb Zcih°
XdcXZgc'Vci 'āzh'c [g'hig Xij g'h'X i ^ g'h'Zi 'b Vg'f' b Zh'Zi' ° āzj gh'Z [[Zih'hj gā'h'Xdb b 'Vg/c

2. INTÉRÊT

AV'e X] ZYZXVeij g'YZb Zj g'j cZhdj gZ'Xg XVa'YZ'cj ig'lc Zi Y Zb ead'edj gzh'edej a/i dch/)!(b aVg'hYZ'eZgdccZh'Y eZcYZci YZ'a/e X] Z'Xdb b Z'hdj gZ'YZ'egdi cZh'Zi'&' %b a'dch' YZ'eZgdccZh'egVi fj Zci a/e X] ZYZXVeij g'YVch'a' b dcYZ!Ydci fj Zaf j Z: %/ YVch'a'XVYg'YZ' a/e X] Z'Vg hVcVZ#

3. ÉTAT ACTUEL DE LA COUVERTURE DE LA COLLECTE DE DONNÉES

AV'YZj m' b Z' kVj Vi d'c'b dcYVa'YZ'adX Vc [V' i Vi'YZ'eaj h'Zj gh'a/Xj cZh'Zc'b Vi ^ g'YZ' XdccV'hVcXZhZi Yj c'b Vcfj ZYZ'dcc Zh'XdccZn'zh'YVch'a'zh'Ydb V'cZh'hj kVcih/Xdb eg] Zch'dc' YZhZ[[ZihYZhX] Vc\Zb Zcih'Xab Vi fj Zh'hj gzh'e X] ZhYZXVeij g'Xdb eg] Zch'dc'YZ'a'b edgVcXZ' Xdad' fj Z'YVj ig'h'hidX h'ZcXdg'c'Znead' h'YVch'a'zh'ZVj megd[dcYZh Xdb eg] Zch'dc'YZ'a' capacité de rétablissement des fonctions initiales des écosystèmes.

AVcVanhZ'Xdcizcj Z'YVch'a'eg hZciZ'hXi d'c'hZ [dcYZ'hj g'a'X] Ve'g' &+YZ'a'YZj m' b Z' kVj Vi d'c' b dcYVa'YZ'adX Vc#

1. INTRODUCTION

AVfj VXj aj g'[V'g [g'cXZ' a'Xj aj g'Ydg\Vc'hb Zh'b Vgch'YVchYZhZck'gdccZb ZcihVfj Vi fj Zh' Xdcig a h' YZh' ch'Xdb b Zg'Va'zh'g Xg Vi kZh'dj ej Vaf j Zh#AVYZj m' b Z' kVj Vi d'c'b dcYVa'YZ'adX Vc'Xdb edgZj cZ'VcVanhZ'YZ'a'h'fj Vi d'c'Yj h'ZXiZj gYZ'avfj VXj aj g'#

2. INTÉRÊT

AVfj VXj aj g'XdcigWYZ' a'cj ig'lc'] j b V'cZ'Zi'avb adg'edj gzh'edej a/i dch'g g/a'zh'eVj kZ'h! Zc'eVg'Xj aZg'zh'b g'hZi'zh'Zj cZh'Zc[Vcih# aZ'Xdchi'fj Zj c'b dnZc'YZ'hj V'h'niVcXZ'Vj m'fj Vi g' Xd'ch'Yj b dcYZ#AZ'hZXiZj gYZ'avfj VXj aj g'hZY kZadeeZ'eaj h'g'e'YZb Zci fj Z'a'h'Vj ig'h'g/cYh' hZXiZj gh'YZ'a'eglyj Xi d'c'Vab ZciV'g'Zi'eglyj f'YZh'Vab Zcih'gX] Zh'Zc'egdi cZh'Zi'hdj gZ'hYZ' b Xgdcj igb Zcih'ZhhZci Z'h'eVgd'h'YVX'YZh\g'h'ZhhZci Z'h'fj c'Z'eZj kZci'eVh' ig'[VX'zb Zci' g'Zb ead' h'eVg'YVj ig'h'eglyj fh'Vab ZciV'g'h#

3. ÉTAT ACTUEL DE LA COUVERTURE DE LA COLLECTE DE DONNÉES



9Zcdb WZj hZhgZhdj gZhb c gZhhZhtj Zci YVchYZhXVgZh\ dad\ fj ZhZidX Vcd\g/e] fj Zh°
kVg^ hfj ^WZjZci j cZ^YkZgh^ YZ^Xdb b j cVj i h^Zi^YZ^ineZh^Y] W^Vi^#AV^Xdb eg] Zch^dc^YZh°
g eZg^j hh^dch^edhh^WZh^YZ^aZnead^Vi^dc^YZh^dcYh^b Vgch^hj gXZh^] W^Vi^h^eZp Ziig^Y k^Zg°
YZ^g Yj g^Zi^Y^Vii cj ZgZ^h^Z[[Zih^c \Vi^f^h^#

3. ÉTAT ACTUEL DE LA COUVERTURE DE LA COLLECTE DE DONNÉES

I VcYh^fj Z^aZnead^Vi^dc^b c^ g^YZh^dcYh^b Vgch^hj hX^tZ^YZ^eaj h^Zc^eaj h^Y^ci gi^Zi^fj Z^adc°
Vhh^hiZ^ j c^Y kZadeeZb Zci^XdchiVci^YZh^iZX] cdad\ Zh^k^h^Vci^ g^cYg^edhh^WZ^aZnead^Vi^dc°
b c^ g^YZh^dcYh^b Vgch^!aVXXZci^Zhi^b h^hj g^a^egh^YZ^Xdch^X^Zc^XZ^YZh^g eZg^j hh^dch^hj g^Zh°
Xdhnh^i b Zh^Zi^Zh^Zhe XZh^YZh^g/cYh^dcYh^b Vgch^#^aZhi^Ydc^X^YZkZcj^ k^YZci^fj^ a^Xdck^Zci°
Y^a^g^g^a^Xda^Z^Xi^Z^YZ^Ydcc Zh^YZ^g [g^cXZ^!c^di^Vb b Zci^Zc^XZ^fj^ ^Xdc^XZ^g^Z^a^XVg^Xi gh^Vi^dc°
YZh^ Xdhnh^i b Zh^Zi^YZh^ a b Zcih^fj^ ^aZh^Xdb edhZci^Zi^aZh^kVgVi^dc^c^Vij g^Zh^YZh^W^hZh^YZ°
g [g^cXZ^Zck^g^d^ccZb Zci^VaZh^!n^Xdb egh^edj g^a^ea^i^ZVj^ Xdci^c^Zci^VaZc^ZVj meZj^ egl^dc^YZh°
Zi^aZh^g/cYh^dcYh^b Vgch^#8Zh^c^d^g^ Vi^dc^h^ Xdad\ fj Zh^YZ^g [g^cXZ^h^dci^c^ XZh^h^Vg^Zh^ a^
eg Y^Xi^dc^YZ^a^b Vc^ g^Ydci^a^W^d^Y^kZgh^!^a^XdccZXi^k^t^ YZh^Zhe XZh^Zi^Zh^dc^Xi^dc^h^Zi°
hZg^XZh^ Xdhnh^i b fj Zh^g V^g^dci^Vj^ X] Vc^Zb Zci^#

L.



9Zh° ij YZh°dci° b dcig °fj Z°zh°e°a°/i°Z[dgb Zh°Vj °a/g°Z°Y°Zh°X iZh°Xdcig°Wj°Zci° °a/hig°Xij g°Yj g°YZ°



c XZhhVgZ#AVb adgi dcYZ'ā/Xdb eg J Zch'c\ dheVi Vā Zi iZb edgZāYZh'kZXiZj ghZi YZh°
kd'ZhY 'ckVh'dc'Zhi ZhhZci Zā'edj g Xā/gZgāhY Xh'dch'eda'fj Zh'Zi'ā'\Zhi'dc'gā'i kZh'Vj m°
Zhe XZh'b Vg'cZh'Vad\ cZh' ā'ci gZj gZi Vj "YZa YZh'odcZh'YZ'j.gY'Xi'dc'cVi'dc'Vā#

AVcVanhZ'XdcicZj ZYVch'ā'eg hZciZ'hZXi'dc'hZ [dcYZ'hj gā'X] Ve'gZ' (YZ'ā/YZj m° b Z° kVā Vi'dc°
b dcY'VāYZ'adX Vc#

1. INTRODUCTION

AV'cdi'dc'YZ'g'X] ZgX] Z'Zi YZnead'Vi'dc'YZh'g'hhdj g'Zh'\ c i'fj Zh'b Vg'cZh'[V'g [g'cXZ° ā'
Y Xdj kZgZi! 'āVcVanhZ'Zi° 'āveeaXVi'dc'YZ'b Vi gZā\ c i'fj ZY gk Ydg'Vc'hb Zh'b Vg'ch#8Zh°
g'hhdj g'Zh'Zc\adVZci'j c'ā/g'Z° kZciV'āY dg'Vc'hb Zh!'cdiVb b Zci YZh'b 'Xgd'dg'Vc'hb Zh!'YZh°
Vāj Zh!'YZh'ckZg Vg h'Zi YZh'ed'hhdch!Zi'eg hZciZci'j c [dg'ediZci Zā'edj gY'kZghZh'cYj higZh!
cdiVb b Zci ā'h'cYj higZh'e] Vgb VXZj i'fj Z!Xdhb i'fj Z'Zi 'WdiZX] cdad\ f'j Z#AV'g'X] ZgX] Z'Zi°
āZnead'Vi'dc'YZh'g'hhdj g'Zh'\ c i'fj Zh'b Vg'cZh'[dci'adWZi'Yj cZ'ViiZci'dc'XdchY g'WZ!YZej h°
fj Zā'fj Zh'Vcc Zh!'Zc'g'hdc'YZ'ā'j gY'kZgh' Wdad\ f'j Z'Zi'X] b f'j Z!V'ch'f'j ZYZ'ā'j gh'VkVci'VZh°
Xdcdb f'j Zh'Zi Zck'gdccZb ZciVj mēdiZci Zā#

2. INTÉRÊT

AZh'dg'Vc'hb Zh'b Q

i^ Y



Q. Hydrates marins

AVcVanhZ XdcicZcj ZYVchā'eg hZciZ hZXi 'dc hZ [dcYZ hj gā'X] Ve↑g') YZ'ā/YZj m' b Z° kVā Vi 'dc° b dcYVā'YZ'adX Vc#

1. INTRODUCTION

AZh°] nYg/iZh°b Vgch°hdcic°YZh°Xdb edh h°XghiVā'ch°egc°X'eVā'Zb Zci°eg hZcih°hj gā'h°iVā' h° Xdci°c°ZciVj m'YZ°odcZh°d °ā'°XdcXZci g/i 'dc°YZ°b i] VcZ°Zhi° [dgZi°d °ā'°iZb e gVij g°Zhi° hj hVb b Zci°VWhhZ Zi°d °ā'°eg'hh°dc°hj hVb b Zci° ā'k Z#AV [dcb Z'ā'°eā' hXdj g/ciZ Y] nYg/iZ° b Vg°c°Zhi°a] nYg/iZ°YZ°b i] VcZ#AV°YZj m' b Z° kVā Vi 'dc°b dcYVā'YZ'adX Vc°Xdb edgZ°j cZ° kVā Vi 'dc°eā' hXdb ea iZ°YZ°aWdcYVcXZ°YZh°] nYg/iZh°b Vgch!°YZ°ā'j gēdiZci°ZaXdb b Z°hdj gZ° Y cZg°Z°Zi°YZh°ghfj Zh°edj gā'Vi b dhe] g°Zi°ā'°hiVWā' YZh° [dcYh°b Vgch°#

2. INTÉRÊT

EgdYj XiZj ghYZ°\Vo°cVij gā'ā'h°] nYg/iZh°b Vgch°edj gV/Zci°YZkZc°gVj cZ°cdj kZā'h°dj gZ°Y cZg°Z° d °ā'h°\hZb Zcih°hdcic°VWdcYVcih°#AZ°b i] VcZ°Zhi°idj iZ [d'h°j c°\Vo° Z[[Zi°YZ°hZgg°Ydci°dc°Zhi°'b Z° fj °ā'Vj cZ°c°X°YZcXZ° * [d'h°eā' h°ā'j gVZ°hj gā'h°XdcY°↑'dc°h°Xab Vi°fj Zh°fj Z°ā'Y°dmYZ°YZ°XVg°WdcZ°# ā'gZhh°dg°YZ°XZg°V°ch°i°g°/kVj m'YZ°g°X] Zg°X] Z°fj °ā'edj gV°↑°n°Vkd°g°j c°ā'Zc°Zci°g°ā'°g°X] Vj [[Zb Zci° eā'c iV°g°Zi°ā'°aWg°i°dc°YZ°b i] VcZ°YVch°ā'Vi b dhe] g°Zi° iVci°Ydcc° fj Z'ā'°hiVWā' YZh°] nYg/iZh° YZ°\Vo°Y eZc°YZ°ā'°iZb e gVij g°Zi°YZ°ā'°eg'hh°dc°#

3. LLEC39504D005682 00480049000460438.1 0048004 0056493.6 005200570000490004656493.04A4

1. INTRODUCTION

AVeā/c^ XVi^dc^YZ^aZheVXZ^b Vgc^k^hZ^ °g \āgāzh^Xdc^ fh^g^Xg^YZhXZcihfj^ ^hdcī^°b ej iWZh^ °
aVb eāj gXgd^hhVciZ^YZh^VXi^k^↑ h^]j b V^cZh^Zi^ °āj gh^g eZg^j hh^dch^hj gā^b āZj^ b Vgc^#

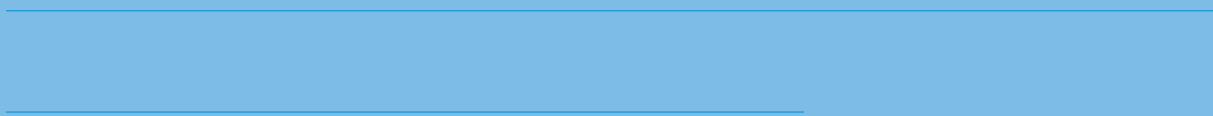
2. INTÉRÊT



3. ÉTAT ACTUEL DE LA COUVERTURE DE LA COLLECTE DE DONNÉES

AV°XdaZXiZ°YZ°Ydcc Zh°k°h°Vci° °Vnhj gZgá/\Zhi°dc°Yj °b °áZj °b Vgc°hZ°] Zj gZ°hdj kZci° °YZh°
dWhiVXáZh°Yj h°Vj °b Vcfj Z°YZ°fj Vat° Zi°YZ°fj Vci°↑ °YZ°ac°[dgb Vi°dc°#H°áZh°b i] dYZh°á Zh°Vj m°
b \WYdcc Zh°Zi°aj i°áhVi°dc°°ccdkVciZYZh°Ydcc Zh°h°dci°egdb ZiiZj hZh!°á°Xdb eg] Zch°dc°YZh°
XVj hZh°Zi°YZh°Z°[[Zih° Xdad°\°fj Zh°á°h°Vj m°eg°dg° h°hdX°d° Xdcdb °fj Zh°YZb Zj gZ°ab °↑ Z°YVch°
YZ°cdb WgZj hZh°g \°dch°#AV°Y°[j h°dc°YZh°XdccV°hhVcXZh°Zi°á°aWg°VXX h° °ac°[dgb Vi°dc°Yj c°
hZXiZj g° °aVj igZ°h°dci°Zh°h°Zci°Zá°edj gVb adgZgá/Y°hedc°Wá° °YZh°Ydcc Zh°#AZh°eg°\g°/b b Zh°
YZ°h°X°ZcXZ°eVg°X°e°Vi°kZ°\°\cZci°Zc°°b edgVcXZ°Zc°i°Vci°°fj Z°hdj gX°eg XZ°j hZ°YZ°Ydcc Zh°YZ°
hj gZ°á°cXZ°#AV°\Zhi°dc°Z° XVXZ°YZh° Xdh°h°i b Zh°°b Vgc°h°e°VhhZ°e°Vgá°°eghZ°Zc°°Xdb eiZ°YZh°
Y°heVg° h°g \°dcVáZh!°a°VXXgd°hhZb Zci°YZ°á°Y°hedc°Wá° °YZh°Ydcc Zh°Zi°á°Xdb eg] Zch°dc°YZh°

ANNEX II: MARINE GEOSPATIAL INFORMATION MANAGEMENT – SUCCESS STORIES AT NATIONAL AND REGIONAL LEVELS^{6A}



ANNEX III: MARINE GEOSPATIAL INFORMATION
