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1  <?xml version="1.0"?>
2  <Dataset xmlns="http://www.iho.int/S127/gml/1.0" xmlns:xsi=
   "http://www.w3.org/2001/XMLSchema-instance" xmlns:gml="http://www.opengis.net/gml/3.2"
   xmlns:S100="http://www.iho.int/s100gml/5.0" xmlns:s100_profile=
   "http://www.iho.int/S-100/profile/s100_gmlProfile" xmlns:xlink=
   "http://www.w3.org/1999/xlink" xsi:schemaLocation="http://www.iho.int/S127/gml/1.0
   http://localhost/navpub/fihoUpload/html/S100/schemas/S127/1.0.1/20200101/S127.xsd"
   gml:id="FIHO.GML.6565f89f96024">
3    <gml:boundedBy>
4      <gml:Envelope srsDimension="2" srsName="urn:ogc:def:crs:EPSG:4326">
5        <gml:lowerCorner>58 19</gml:lowerCorner>
6        <gml:upperCorner>61 22</gml:upperCorner>
7      </gml:Envelope>
8    </gml:boundedBy>
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10     <S100:encodingSpecification>S-100 Part 10b</S100:encodingSpecification>
11     <S100:encodingSpecificationEdition>1.0</S100:encodingSpecificationEdition>
12     <S100:productIdentifier>INT.IHO.S127.X.X</S100:productIdentifier>
13     <S100:productEdition>X.X</S100:productEdition>
14     <S100:applicationProfile>1.0</S100:applicationProfile>
15     <S100:datasetFileIdentifier>S127_SPEED_RESTRICTION_TEST.gml
16     </S100:datasetFileIdentifier>
17     <S100:datasetTitle>S127 test dataset, FINLAND</S100:datasetTitle>
18     <S100:datasetReferenceDate>2023-11-28</S100:datasetReferenceDate>
19     <S100:datasetLanguage>eng</S100:datasetLanguage>
20     <S100:datasetAbstract>Test dataset NOT FOR NAVIGATION by
21     stefan.engstrom@traficom.fi, TRAFICOM, FINLAND</S100:datasetAbstract>
22     <S100:datasetTopicCategory>transportation</S100:datasetTopicCategory>
23     <S100:datasetPurpose>base</S100:datasetPurpose>
24     <S100:updateNumber>0</S100:updateNumber>
25   </S100:DatasetIdentificationInformation>
26   <RestrictedAreaNavigational gml:id="fiho.s100.S127.RestrictedAreaNavigational.0001">
27     <fixedDateRange>
28       <dateEnd>20231115</dateEnd>
29       <dateStart>20230419</dateStart>
30     </fixedDateRange>
31     <featureName>
32       <name>Canadian Static Zone</name>
33     </featureName>
34     <textContent>
35       <information>
36         <text>&#xD;
37         From April 19th to November 15th 2023, all vessels above 13 m in length overall
38         (LOA) must proceed at a speed of not more than 10.0 knots over the ground in the
39         Static Zones.&#xD;
40         Air cushion vessels operated by or on behalf of the Government of Canada that are
41         engaged in ice-clearing activities from April to June in and around Chaleur Bay
42         are exempted when in operation.&#xD;
43         Vessels engaged in any commercial fishing activity may proceed at a safe
44         operational speed in waters not more than 36.57 m (20 fathom) deep. When a NARW
45         is detected in a static zone&#xD;
46         this exemption no longer applies, and the speed restriction will remain in effect
47         following the 15 day rule described above.</text>
48       </information>
49     </textContent>
50     <permission xlink:href="#fiho.s100.S127.Applicability.0008" xlink:arcrole=
51     "http://www.iho.int/S127/gml/1.0.0/roles/permission">
52       <PermissionType>
53         <categoryOfRelationship>required</categoryOfRelationship>
54       </PermissionType>
55     </permission>
56     <permission xlink:href="#fiho.s100.S127.Applicability.0014" xlink:arcrole=
57     "http://www.iho.int/S127/gml/1.0.0/roles/permission">
58       <PermissionType>
59         <categoryOfRelationship>not required</categoryOfRelationship>
60       </PermissionType>
61     </permission>
62     <permission xlink:href="#fiho.s100.S127.Applicability.0020" xlink:arcrole=
63     "http://www.iho.int/S127/gml/1.0.0/roles/permission">
64       <PermissionType>
65         <categoryOfRelationship>not required</categoryOfRelationship>
66       </PermissionType>
67     </permission>

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55     </PermissionType>
56 </permission>
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58 </RestrictedAreaNavigational>
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60 <information>
61 <text>All vessels above 13 m in length overall (LOA) must proceed at a speed of
62 not more than 10.0 knots</text>
63 </information>
64 <vesselsMeasurements>
65 <comparisonOperator>greater than</comparisonOperator>
66 <vesselsCharacteristics>length overall</vesselsCharacteristics>
67 <vesselsCharacteristicsValue>13</vesselsCharacteristicsValue>
68 <vesselsCharacteristicsUnit>metre</vesselsCharacteristicsUnit>
69 </vesselsMeasurements>
70 </Applicability>
71 <Applicability gml:id="fiho.s100.S127.Applicability.0014">
72 <periodicDateRange>
73 <dateEnd>----0601</dateEnd>
74 <dateStart>----0401</dateStart>
75 </periodicDateRange>
76 <information>
77 <text>Air cushion vessels operated by or on behalf of the Government of Canada
78 that are engaged in ice-clearing activities from April to June in and around
79 Chaleur Bay are exempted when in operation.</text>
80 </information>
81 </Applicability>
82 <Applicability gml:id="fiho.s100.S127.Applicability.0020">
83 <categoryOfVessel>fishing vessel</categoryOfVessel>
84 <information>
85 <text>Vessels engaged in any commercial fishing activity may proceed at a safe
86 operational speed in waters not more than 36.57 m (20 fathom) deep. When a
87 NARW is detected in a static zone&#xD;
88 this exemption no longer applies, and the speed restriction will remain in effect
89 following the 15 day rule described above.</text>
90 </information>
91 </Applicability>
92 <RestrictedAreaNavigational gml:id="fiho.s100.S127.RestrictedAreaNavigational.0026">
93 <featureName>
94 <name>Canadian Dynamic Zone</name>
95 </featureName>
96 <textContent>
97 <information>
98 <text>&#xD;
99 &#xD;
100 When a NARW is detected in a dynamic shipping zone all vessels will be notified
101 via a NAVWARN and those above 13 m in LOA must proceed at a speed of not more
102 than 10.0 knots over the ground. &#xD;
103 The speed restriction will remain in effect following the 15 day rule described
104 above.</text>
105 </information>
106 </textContent>
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108 "http://www.iho.int/S127/gml/1.0.0/roles/permission">
109 <PermissionType>
110 <categoryOfRelationship>required</categoryOfRelationship>
111 </PermissionType>
112 </permission>
113 <restriction>speed restricted</restriction>
114 </RestrictedAreaNavigational>
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116 <information>
117 <text>All vessels above 13 m in length overall (LOA) must proceed at a speed of
118 not more than 10.0 knots IN CASES WHEN the Dynamic area is activated by a
119 NAVWARN.</text>
120 </information>
121 <vesselsMeasurements>
122 <comparisonOperator>greater than</comparisonOperator>
123 <vesselsCharacteristics>length overall</vesselsCharacteristics>
124 <vesselsCharacteristicsValue>13</vesselsCharacteristicsValue>
125 <vesselsCharacteristicsUnit>metre</vesselsCharacteristicsUnit>
126 </vesselsMeasurements>

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115     </Applicability>  
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