



|   |   |  |
|---|---|--|
|  | <b>INSTRUCTION</b><br><br><b>LIMITES USUELLES</b><br><br><b>SOUTH AREA SEA PASSAGES</b> | <b>Réf:</b> IT35.1<br><b>Version:</b> E<br>Page 1 sur 5. |
|---|---|--|


## 1/ HAVANNAH passage

|   |  |                                  |
|---|--|----------------------------------|
| <b>Passage</b>                            | Havannah passage   |                                  |
| <b>Limits</b>                             | <b>LOA max</b>   | NA                               |
|   | <b>Draft max</b>   | 10,50 meters (tankers 10 meters) |
| <b>Pilot boarding position</b>            | 22° 20.65' S / 167° 02.90' E   |                                  |
|   | Abeam GORO lighthouse, Cape NDUA three leading lights bearing 247°   |                                  |
| <b>Pilot disembark point</b>              | On the leading 067° after loro reef  |                                  |
| <b>Night and day time</b>                 | Accessible day and night   |                                  |
| <b>Tankers instructions</b>               | <p><b>Max draft 10 m</b><br/> <b>Max deadweight 55 000 T</b></p> <p>Day transit only for tankers carrying over 20.000 tonnes of white products or over 1.800 tonnes of black products or harmful liquid substance.</p> <p>Night and day transit only for tankers carrying less than 20.000 tonnes of white products or less than 1.800 tonnes of black products or harmful liquid substance.</p> |                                  |
| <b>Pilot boarding position for tanker</b> | 22° 18.81' S / 167° 07.40' E   |                                  |
| <b>Distance</b>                           | from GORO lighthouse:<br>Ø to main harbor entrance (Grande Rade) : 43 M<br>Ø to small roadstead (Petite Rade) : 39 M<br>Ø to GORO NICKEL wharf (Prony bay): 14 M<br>Ø to KUTO (Pines island) : 42 M  |                                  |
| <b>Others</b>                             | It is essential to strictly maintain the vessel on the leading line as transverse tidal streams may be strong at times, especially when a spring tide occurs simultaneously with a fresh trade wind. Tidal patterns are complex in this area, due to the convergence of lagoon and ocean systems. RACON "G" on GORO lighthouse.  |                                  |
|   | Official pilot boarding ground for eastern access to NOUMEA harbours, PRONY Bay, ISLE of PINES and for vessels heading to EAST COAST ports.<br>Day and night transit to and from NOUMEA, PRONY Bay, ISLE of PINES, BOULARI passage, DUMBEA passage and UITOE passage.<br>Day coastal transit only to and from OUNIA, OUNNE and THIO (no night beaconage available in coastal channel).           |                                  |

|   |   |  |
|---|---|--|
|  | <b>INSTRUCTION</b><br><br><b>LIMITES USUELLES</b><br><br><b>SOUTH AREA SEA PASSAGES</b> | <b>Réf:</b> IT35.1<br><b>Version:</b> E<br>Page 2 sur 5. |
|---|---|--|


## 2/ BOULARI Northern passage

|                                |   |   |
|--------------------------------|---|---|
| <b>Passage</b>                 | Boulari Northern passage  |   |
| <b>Limits</b>                  | <b>LOA max</b>  | 250m.<br>Restricted to 205m for vessels leaving Nouméa with no stern vision or poor manoeuvrability |
|                                | <b>Draft max</b>  | 11, 70 m for Nouméa<br>14, 00 m for Woodin canal / Prony bay.                                       |
| <b>Pilot boarding position</b> | 22° 31.12' S / 166° 24.94' E  |   |
|                                | Amédée lighthouse bearing 050°. The leading line should be kept slightly open to the south to clear a 9.4 m patch laying 60 m NW of the leads.                  |   |
| <b>Pilot disembark point</b>   | Outside passage   |   |
| <b>Night and day time</b>      | Accessible day and night by inbound and outbound vessels.   |   |
| <b>Tankers instructions</b>    | No tankers access   |   |
| <b>Distance</b>                | from passage to: <ul style="list-style-type: none"> <li>• main harbour entrance (Grande Rade): 17,5 M</li> <li>• small roadstead (Petite Rade): 13 M</li> </ul> |   |
| <b>Others</b>                  |   |   |

|   |   |  |
|---|---|--|
|  | <b>INSTRUCTION</b><br><br><b>LIMITES USUELLES</b><br><br><b>SOUTH AREA SEA PASSAGES</b> | <b>Réf:</b> IT35.1<br><b>Version:</b> E<br>Page 3 sur 5. |
|---|---|--|


### 3/ BOULARI central passage

|   |  |  |
|---|--|--|
| <b>Passage</b>                            | Boulari central passage  |  |
| <b>Limits</b>                             | <b>LOA max</b>   | No restriction.  |
|   | <b>Draft max</b>   | 14, 00 m for Prony Bay<br>10, 50 m for Havannah Passage or Isle of Pines<br>11,70 m for Noumea |
| <b>Pilot boarding position</b>            | 22° 31,12' S / 166° 24,94' E   |  |
|   | On the lead to 050° on Amédée lighthouse and on the lead to the central passage.   |  |
| <b>Pilot disembark point</b>              | Before the passage, beam to Amédée lighthouse, course 252°   |  |
| <b>Night and day time</b>                 | Accessible day and night by inbound and outbound vessels   |  |
| <b>Tankers instructions</b>               | <b>Max deadweight 55 000 tons to Prony bay.</b><br><br><b>Tankers must use deep fairway.</b><br><br>Day transit only for tankers carrying over 20.000 tonnes of white products or over 1.800 tonnes of black products or harmful liquid substance.<br><br>Night and day transit only for tankers carrying less than 20.000 tonnes of white products or less than 1.800 tonnes of black products or harmful liquid substance. |  |
| <b>Pilot boarding position for tanker</b> | 22° 32,16' S / 166° 23,67' E   |  |
| <b>Distance</b>                           | from passage to: <ul style="list-style-type: none"> <li>• Prony bay (Goro Nickel): 30 M</li> <li>• Havannah passage: 41 M</li> <li>• Kuto (Pines Island): 65 M</li> </ul>  |  |
| <b>Others</b>                             | Max. draft through direct channel: 10 m<br>Max. draft through deep fairway: 14 m<br><br><b>Deep fairway for tankers and draft more than 10 meters.</b>   |  |

|   |   |  |
|---|---|--|
|  | <b>INSTRUCTION</b><br><br><b>LIMITES USUELLES</b><br><br><b>SOUTH AREA SEA PASSAGES</b> | <b>Réf:</b> IT35.1<br><b>Version:</b> E<br>Page 4 sur 5. |
|---|---|--|

#### 4/ DUMBEA passage

|   |                  |  |
|---|------------------|--|
| <b>Passage</b>                            |                  | Dumbea passage   |
| <b>Limits</b>                             | <b>LOA max</b>   | NA   |
|   | <b>Draft max</b> | Through direct channel: 9.5 m (low patch 10.6m)<br>Through tanker channel (north of TENDU islet): 14 m.  |
| <b>Pilot boarding position</b>            |                  | 22° 22.95' S / 166° 13.80' E   |
|   |                  | 2 Nm SW of passage.  |
| <b>Pilot disembark point</b>              |                  | Before the passage between beam to green beacon n°5 & n°3  |
| <b>Night and day time</b>                 |                  | Accessible day and night by inbound and outbound vessels.  |
| <b>Tankers instructions</b>               |                  | Tanker channel (north of TENDU islet) must be used by tankers or vessels with a draft over 9.5 m.  |
|   |                  | Day transit only for tankers carrying over 20.000 tonnes of white products or over 1.800 tonnes of black products or harmful liquid substance.<br><br>Night and day transit only for tankers carrying less than 20.000 tonnes of white products or less than 1.800 tonnes of black products or harmful liquid substance. |
| <b>Pilot boarding position for tanker</b> |                  | 22° 23,50' S / 166° 13,00' E<br><br>Tankers may embark pilot on request 3 Nm SW of passage.  |
| <b>Distance</b>                           |                  | from passage to: <ul style="list-style-type: none"> <li>• Main harbour (Grande Rade): 10 M via direct channel or 12.5 M via tanker channel.</li> <li>• Small roadstead (Petite Rade): 11 M via direct channel or 13.5 M via tanker channel.</li> <li>• TONTOUTA anchorage: 24 M.</li> </ul>                              |
| <b>Others</b>                             |                  | DUMBEA passage is marked with a lighted cardinal west spar buoy on its east side and with a lighted lateral red buoy on its west side.   |
|   |                  | Official outward passage for westbound vessels to NOUMEA harbours.   |

|   |   |  |
|---|---|--|
|  | <b>INSTRUCTION</b><br><b>LIMITES USUELLES</b><br><b>SOUTH AREA SEA PASSAGES</b> | <b>Réf:</b> IT35.1<br><b>Version:</b> E<br>Page 5 sur 5. |
|---|---|--|

### 5/ UITOE Passage

|                                |                  |   |
|--------------------------------|------------------|---|
| <b>Passage</b>                 |                  | Uitoé passage   |
| <b>Limits</b>                  | <b>LOA max</b>   | No restriction  |
|                                | <b>Draft max</b> | Tontouta Anchorages: 11,70 m<br>Noumea using indirect route: 11,20 m (sounding 12,2 and 12,3m on the way)<br>Noumea using direct route: 8,10m |
| <b>Pilot boarding position</b> |                  | Embarking only by helicopter<br>22 09,95 S / 166 04,03 E  |
| <b>Pilot disembark point</b>   |                  | Just before Cardinal and green buoys of Uitoé passage   |
| <b>Night and day time</b>      |                  | Day and night transits.   |
| <b>Distance</b>                |                  | NOUMEA (Grande Rade): 18 M<br>TONTOUTA: 10 M  |
| <b>Others</b>                  |                  |   |