

## 1/ HAVANNAH passage

<b>Passage</b>		Havannah passage
<b>WGS 84 position</b>		22° 20.23' S / 167° 03.66' E
<b>Limits</b>	<b>LOA max</b>	<b>Nil</b>
	<b>Draft max</b>	<b>10,50 meters (tankers 10 meters)</b>
<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 STATION 2</b>
<b>Pilot disembark point</b>		22° 22.20' S / 166° 58.80' E. abeam Port Boisé <b>PILOT STATION 3</b>
<b>Night and day time</b>		Accessible day and night
<b>Tankers instructions</b>		Day transit only for tankers carrying over 20,000 m t of white products or over 1800 m t of black products. <b>Max draft 10 meters</b> <b>Max deadweight 55 000 tons</b> Night and day transit only for tankers carrying less than 20,000 Dwt of white products or less than 1800 Dwt of black products.
<b>Pilot boarding position for tanker</b>		22° 18.80' S / 167° 07.40' E <b>PILOT STATION 1</b>
<b>Distance</b>		from GORO lighthouse : Ø to main harbor entrance (Grande Rade) : 43 M. Ø to small roadstead (Petite Rade) : 39 M. Ø to GORO NICKEL wharf (Prony bay) 14 M. 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.
<b>Others</b>		Official pilot boarding ground for eastern access to NOUMEA harbours, PRONY Bay, ISLE of PINES and for vessels heading to EAST COAST ports. Day and night transit to and from NOUMEA, PRONY Bay, ISLE of PINES, BOULARI passage, DUMBEA passage and UITOE passage. Day coastal transit only to and from OUNIA, OUNNE and THIO (no night beaconage available in coastal channel).

**INSTRUCTION**  
**LIMITES USUELLES**  
**SOUTH AREA SEA PASSAGES**

## 2/ BOULARI Northern passage

<b>Passage</b>		Boulari Northern passage
<b>WGS 84 position</b>		22° 30.00' S / 166° 26.40' E
<b>Limits</b>	<b>LOA max</b>	<b>250m.</b> <i>Restricted to 205m. for vessels leaving Nouméa with no stern vision</i>
	<b>Draft max</b>	<b>11, 70 m for Nouméa</b> <b>14, 00 m for Woodin canal / Prony bay.</b>
<b>Pilot boarding position</b>		22° 31.117' S / 166° 24.936' E  2 Nm SW of passage, 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>		
<b>Night and day time</b>		Accessible day and night by inbound and outbound vessels.
<b>Tankers instructions</b>		No tankers access
<b>Pilot boarding position for tanker</b>		Nil
<b>Distance</b>		from passage to : <ul style="list-style-type: none"> <li>• main harbour entrance (Grande Rade): 17,5 Nm.</li> <li>• small roadstead (Petite Rade): 13 Nm.</li> </ul>
<b>Others</b>		

### 3/ BOULARI central passage

<b>Passage</b>	Boulari central passage	
<b>WGS 84 position</b>	22° 31,10' S / G. 166° 26,70' E	
<b>Limits</b>	<b>LOA max</b>	<b>No restriction.</b>
	<b>Draft max</b>	<b>14, 00 m for Prony Bay 10, 60 m for Havannah Passage or Isle of Pines 11,70 m for Noumea</b>
<b>Pilot boarding position</b>	22° 31,767' S & G. 166° 24,083' E	
	3 Nm of the passage. 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.	
<b>Night and day time</b>	Accessible day and night by inbound and outbound vessels	
<b>Tankers instructions</b>	<p><b>Max deadweight 55 000 tons to Prony bay.</b></p> <p>Day transit only for tankers carrying over 20,000 m t of white products or over 1800 m t of black products.</p> <p>Night and day transit only for tankers carrying less than 20,000 Dwt of white products or less than 1800 Dwt of black products.</p> <p><b>Tankers must use deep fairway.</b></p>	
<b>Pilot boarding position for tanker</b>	22° 32,00' S / G. 166° 23,70' E – 3 Nm of the passage.	
<b>Distance</b>	from passage to : <ul style="list-style-type: none"> <li>• Prony bay (Goro Nickel): 30 Nm.</li> <li>• Havannah passage: 41 Nm.</li> <li>• Kuto (Pines island) : 65 Nm.</li> </ul>	
<b>Others</b>	Max. draft through direct channel: 10 m. Max. draft through deep fairway: 14 m.  <b>Deep fairway for tankers and draft more than 10 meters.</b>	

### 4/ DUMBEA passage

<b>Passage</b>	Dumbea passage
<b>WGS 84 position</b>	22° 21,30' S / G. 166° 15,20' E
<b>Limits</b>	<b>LOA max</b> No restriction
	<b>Draft max</b> <b>Through direct channel: 9.5 m (low patch 10.6m)</b> <b>Through tanker channel (north of TENDU islet): 14 m.</b>
<b>Pilot boarding position</b>	22° 22.871' S / 166° 13.792' E
	2 Nm SW of passage.
<b>Pilot disembark point</b>	Before the passage beam to green beacon n°3 (Lareignère Islet).
<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 10.0 m.  Day transit only for tankers carrying over 20,000 m t of white products or over 1800 m t of black products.  Night and day transit only for tankers carrying less than 20,000 Dwt of white products or less than 1800 Dwt of black products.
<b>Pilot boarding position for tanker</b>	22° 23,50' S / G. 166° 13,00' E  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 Nm via direct channel or 12.5 Nm via tanker channel.</li> <li>• Small roadstead (Petite Rade): 11 Nm via direct channel or 13.5 Nm via tanker channel.</li> <li>• TONTOUTA anchorage: 24 Nm.</li> </ul> <i>(Ore-carriers bound for TONTOUTA mining port normally use DUMBEA passage, unless otherwise requested)</i>
<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.
<b>Others</b>	Official outward passage for westbound vessels to NOUMEA harbours or TONTOUTA anchorage.

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### 5/ UITOE Passage

<b>Passage</b>	Uitoé passage	
<b>WGS 84 position</b>	22°10, 40' S / G. 166° 05, 86' E	
<b>Limits</b>	<b>LOA max</b>	<b>No restriction</b>
	<b>Draft max</b>	<b>Tontouta Anchorages : 11,70 m.</b> <b>Nooumea using indirect route : 11,20 m.</b> <b>Nooumea using direct route : 8,1m.</b>
<b>Pilot boarding position</b>	<i>Embarking only by helicopter</i> 22 09,95 S — 166 04,03 E	
<b>Pilot disembark point</b>	<i>Outside Uitoe passage</i>	
<b>Night and day time</b>	Day and night transits.	
<b>Tankers instructions</b>	No access	
<b>Pilot boarding position for tanker</b>	N/A	
<b>Distance</b>	NOUMEA (Grande Rade): 18 Nm. TONTOUTA : 10 Nm.	
<b>Others</b>	<i>No pilot station there.</i>	
<b>Others</b>		