



Status of Inland ENC's - BRAZIL

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Directorate of Hydrography and Navigation (DHN)

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Directorate of Hydrography and Navigation (DHN) of the Brazilian Navy is responsible for:

- ✓ Defining guidelines and authorizing the establishment, modifications or permanently cancellation of aids to navigation; and
- ✓ producing **official nautical charts** for **maritime and inland waters.**

Main Inland waterways in Brazil



Madeira – 1056 km

Solimões – 1630 km

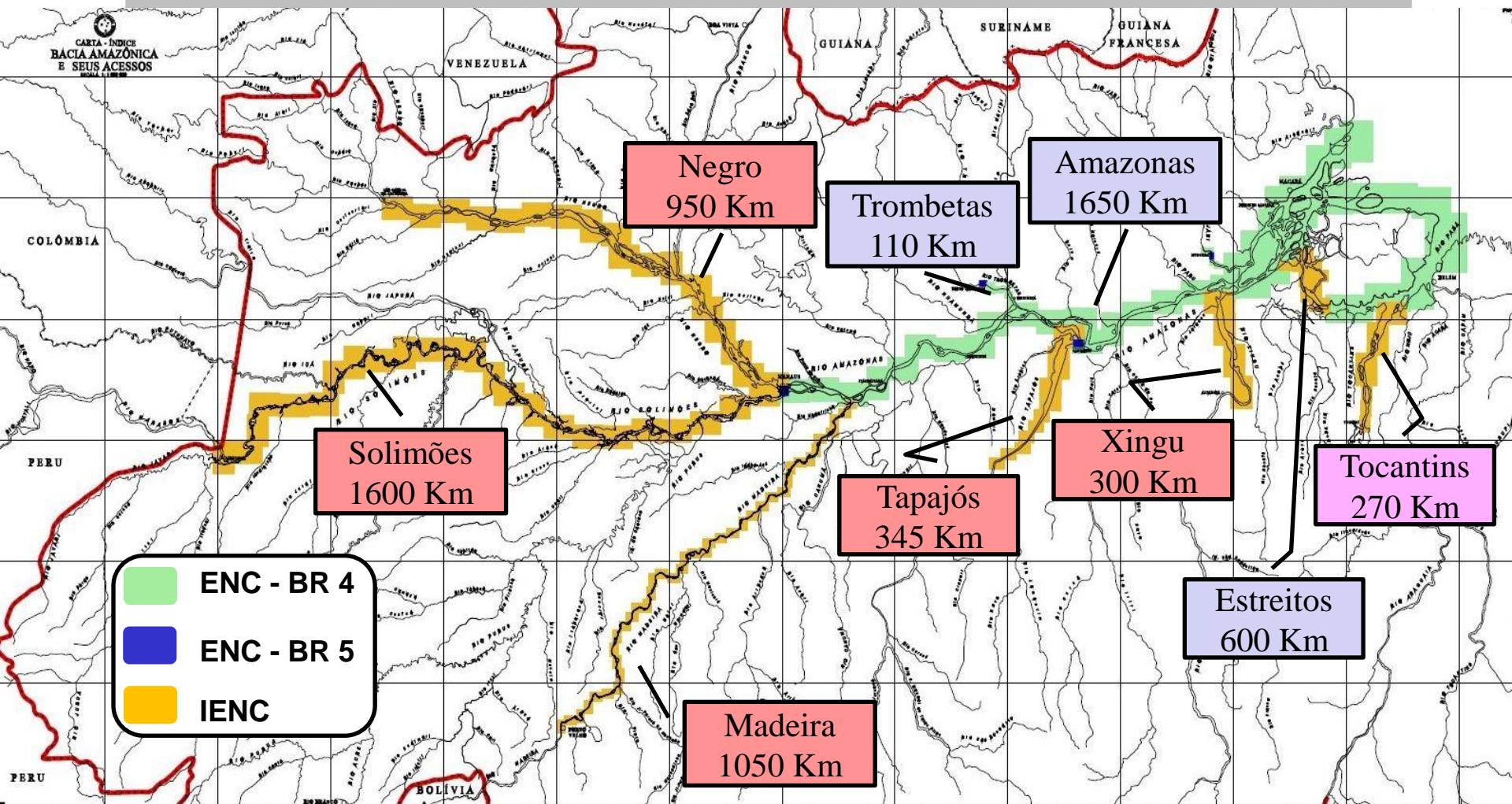
São Francisco – 1371 km

Tocantins-Araguaia – 2250 km

Tietê-Paraná – 2400 km

Paraguay (BR) – 1278 km

ENCs & IENCs - Amazon Region



planned

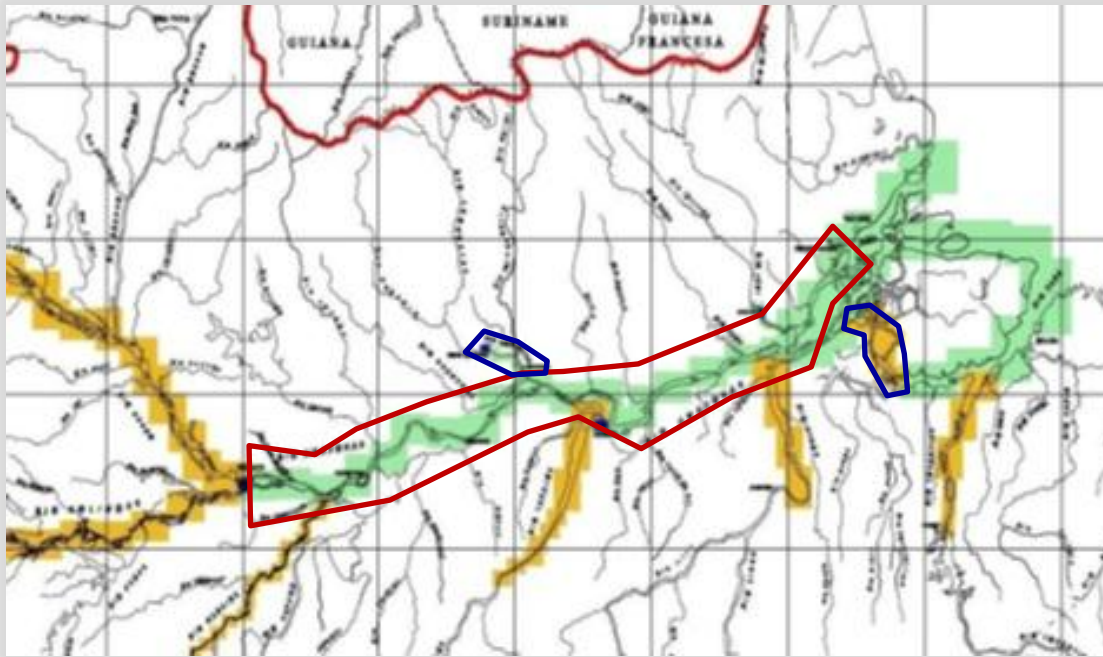


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under construction

Coverage of Inland ENC's / ENC's Amazon Basin - Production




Amazonas River – 12 ENC's (IC-ENC/ PRIMAR)

Trombetas River – not available yet

Estreitos Region – not available yet

Paraguay River Inland ENC's

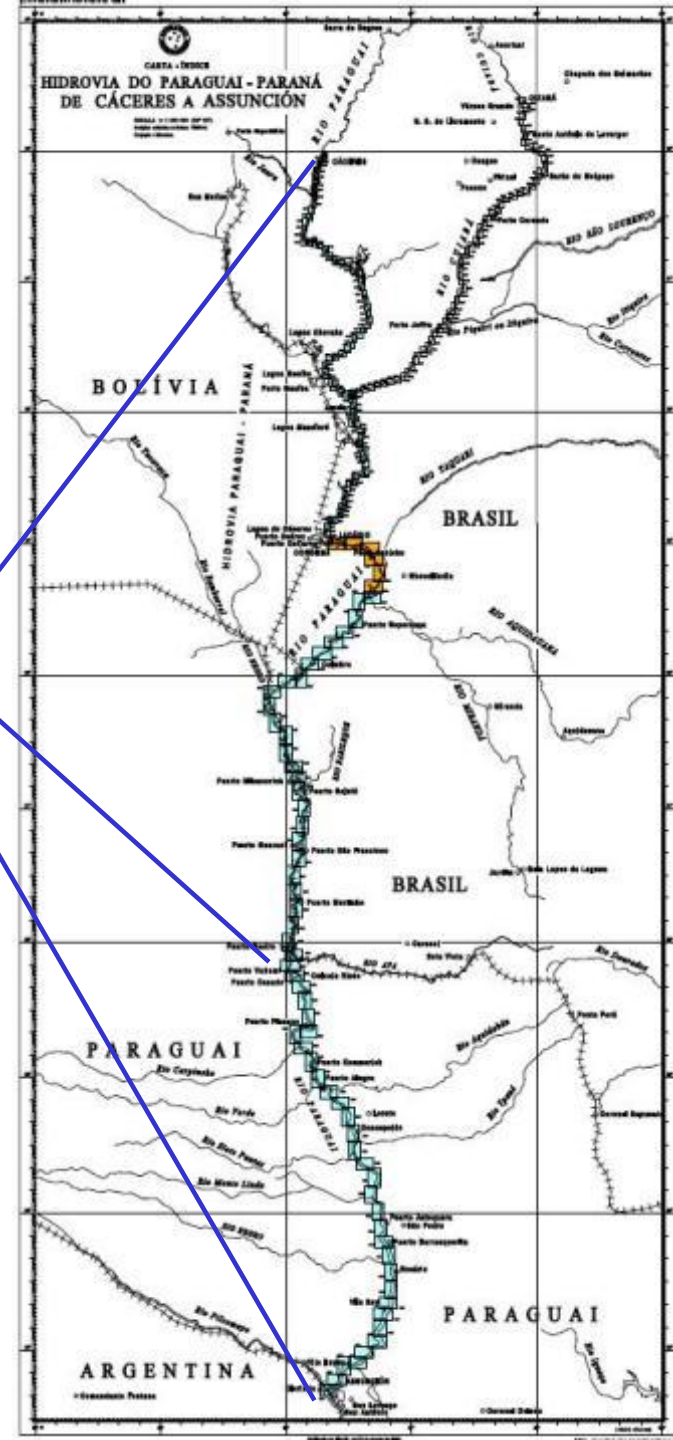
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 6 IENCs – prototype

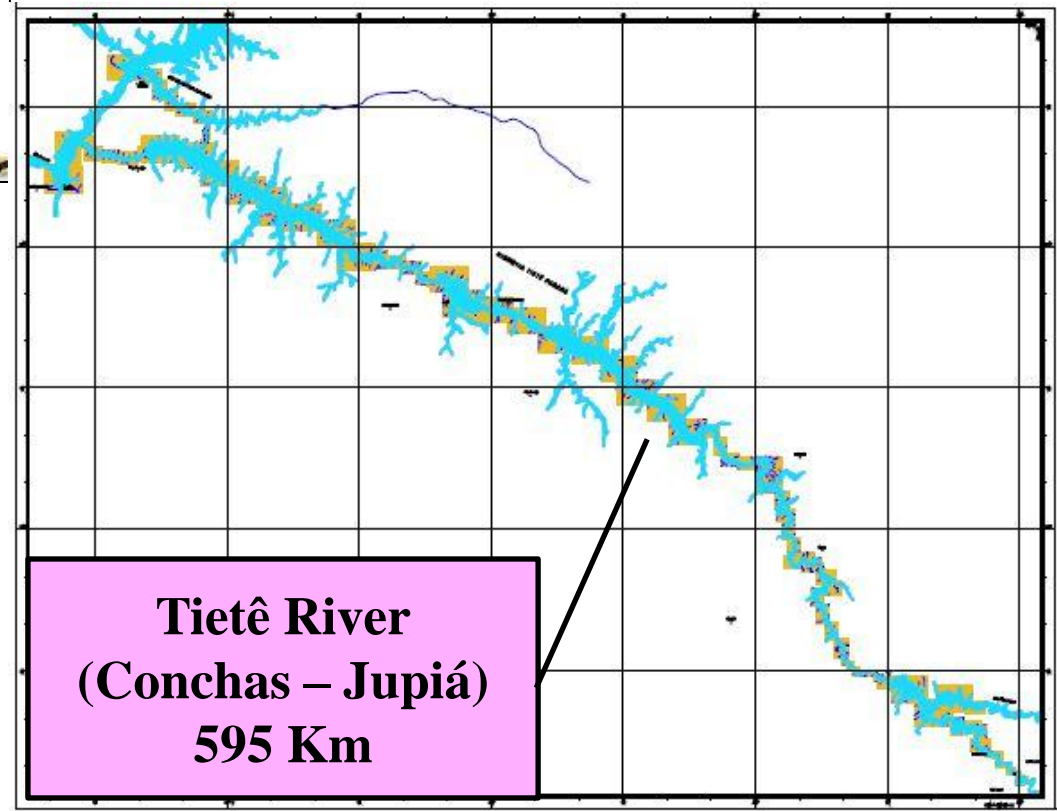


Paraguay River (Cáceres – Asunción)

- Brazilian section – 1278 km
- Paraguayan section - 554 km

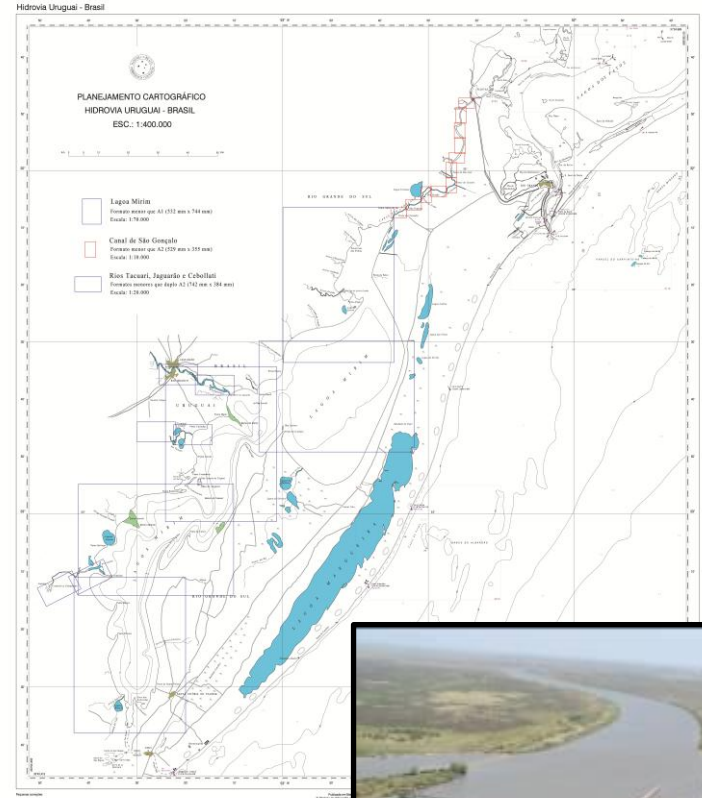


Tietê River - perspectives



 Data being encoded

Brasil – Uruguay Waterway - Possibilities



Extension: 320 km



Questions....