



Status of Inland ENC's - BRAZIL

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Directorate of Hydrography and Navigation (DHN)

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Legal status of Inland ENCs - BRAZIL

- Directorate of Hydrography and Navigation (DHN) is responsible for:
 - Defining guidelines and authorizing the establishment, modifications or permanently cancellation of aids to navigation;
 - producing official nautical charts for maritime and inland waters;

Main waterways in Brazil



Madeira – 1056 km

Solimões – 1630 km

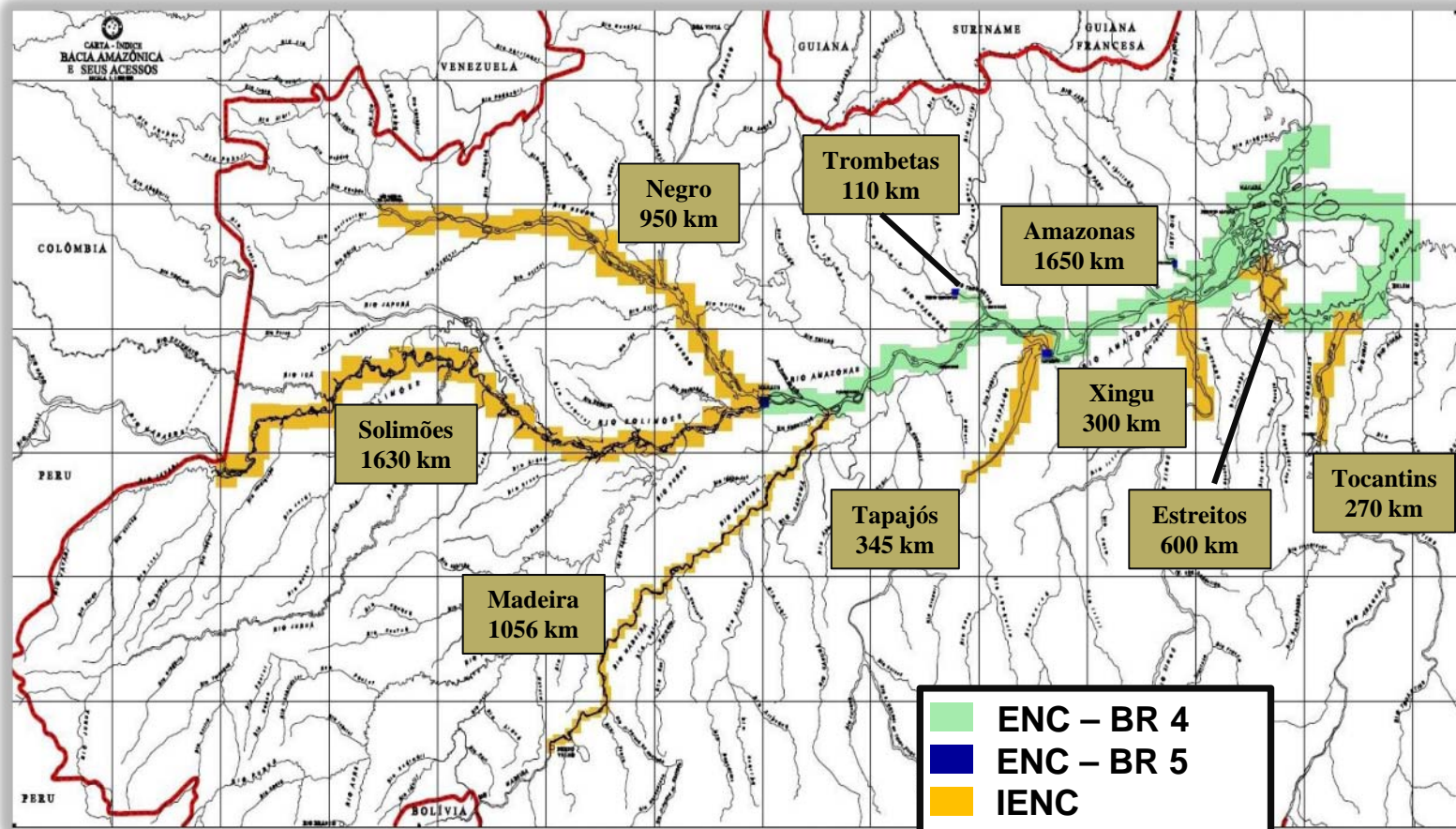
São Francisco – 1371 km

Tocantins-Araguaia – 2250 km

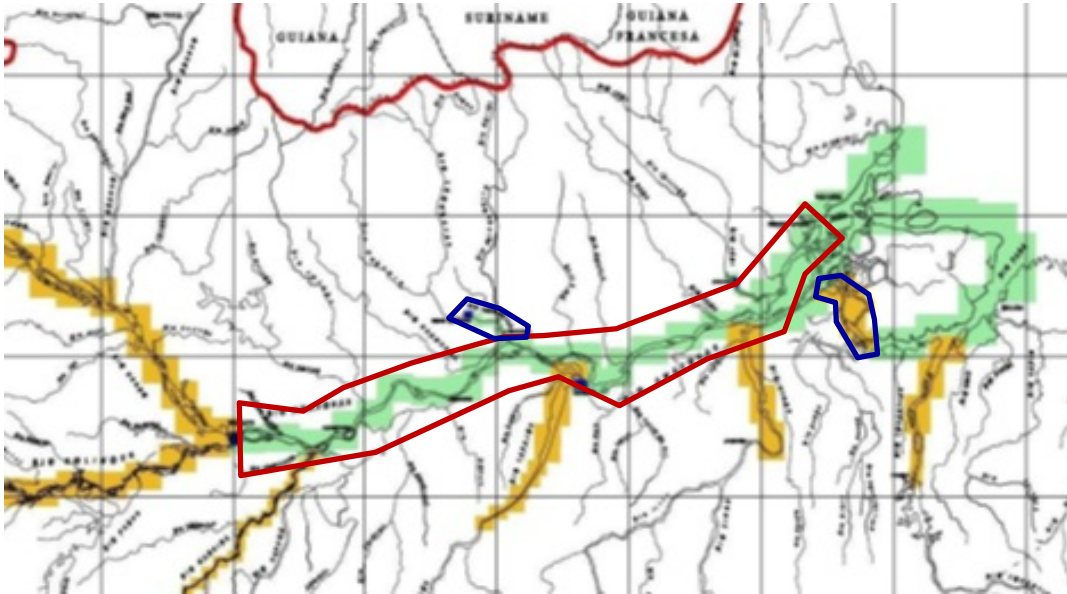
Tietê-Paraná – 2400 km

Paraguay (BR) – 1278 km

Coverage of Inland ENC's in Brazil Amazon Basin - Planning



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



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

Trombetas River – est. 2012

Estreitos Region – est. 2012

Paraguay River Inland ENCs - Planning

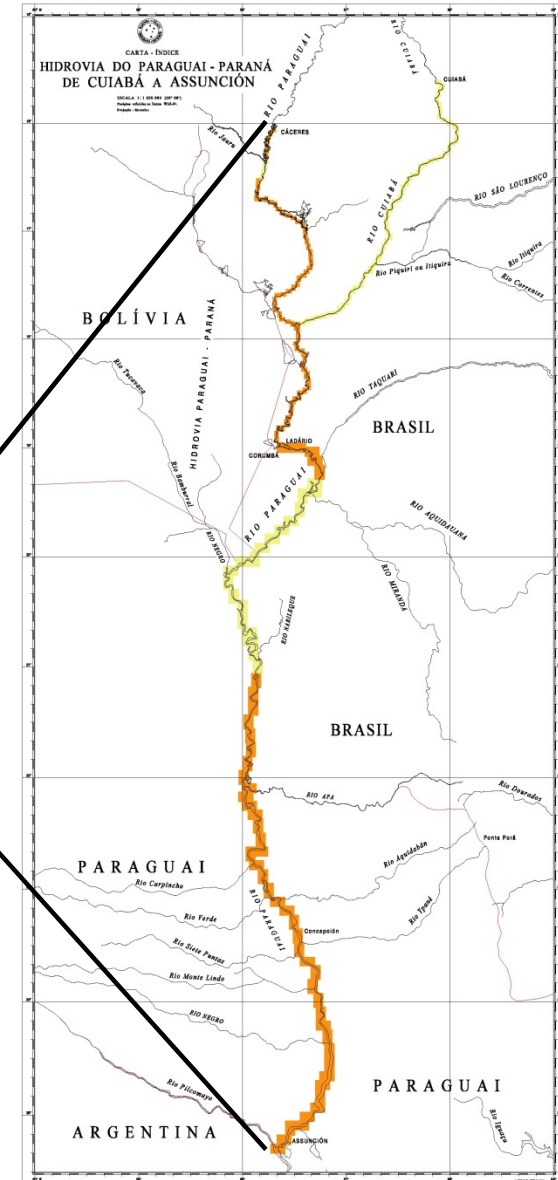
 **Planned (est. 2012)**

 **Captured on database**
Paraguayan section – 100 %
Brazilian section – 80%



Paraguay River (Cáceres – Asunción)

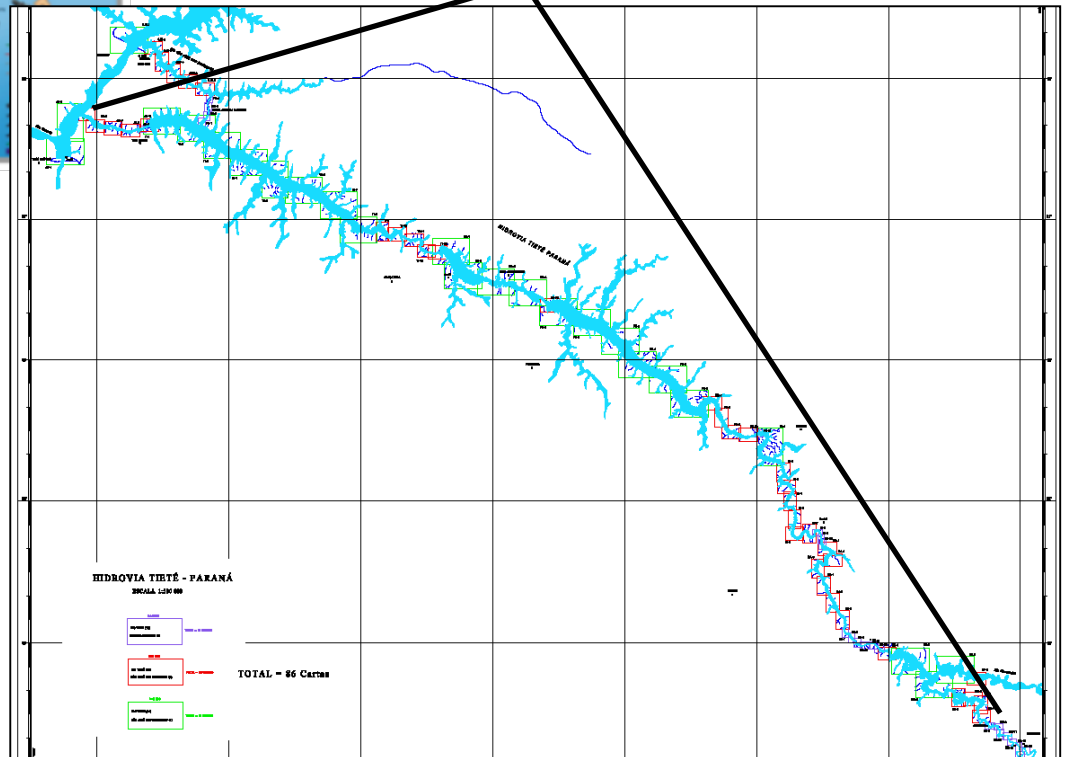
- Paraguayan section - 554 km
- Brazilian section – 1278 km



Tietê-Paraná Waterway - Planning



Tietê River
(Conchas – Jupiá)
595 km



Thank you....