



Status of Inland ENC's - BRAZIL

Lt. Cdr. Flávia Mandarino

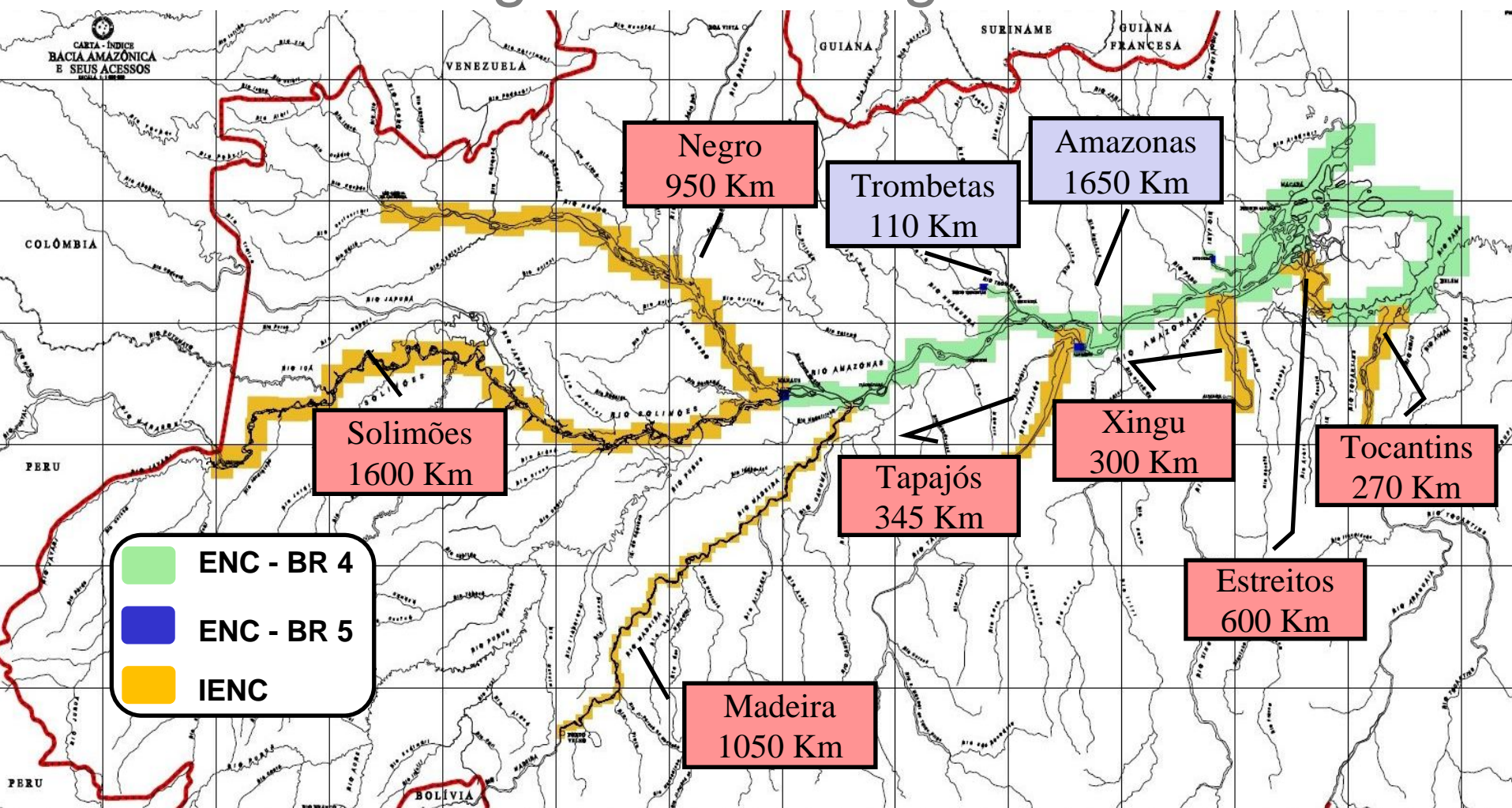
Directorate of Hydrography and Navigation (DHN)

September, 2010

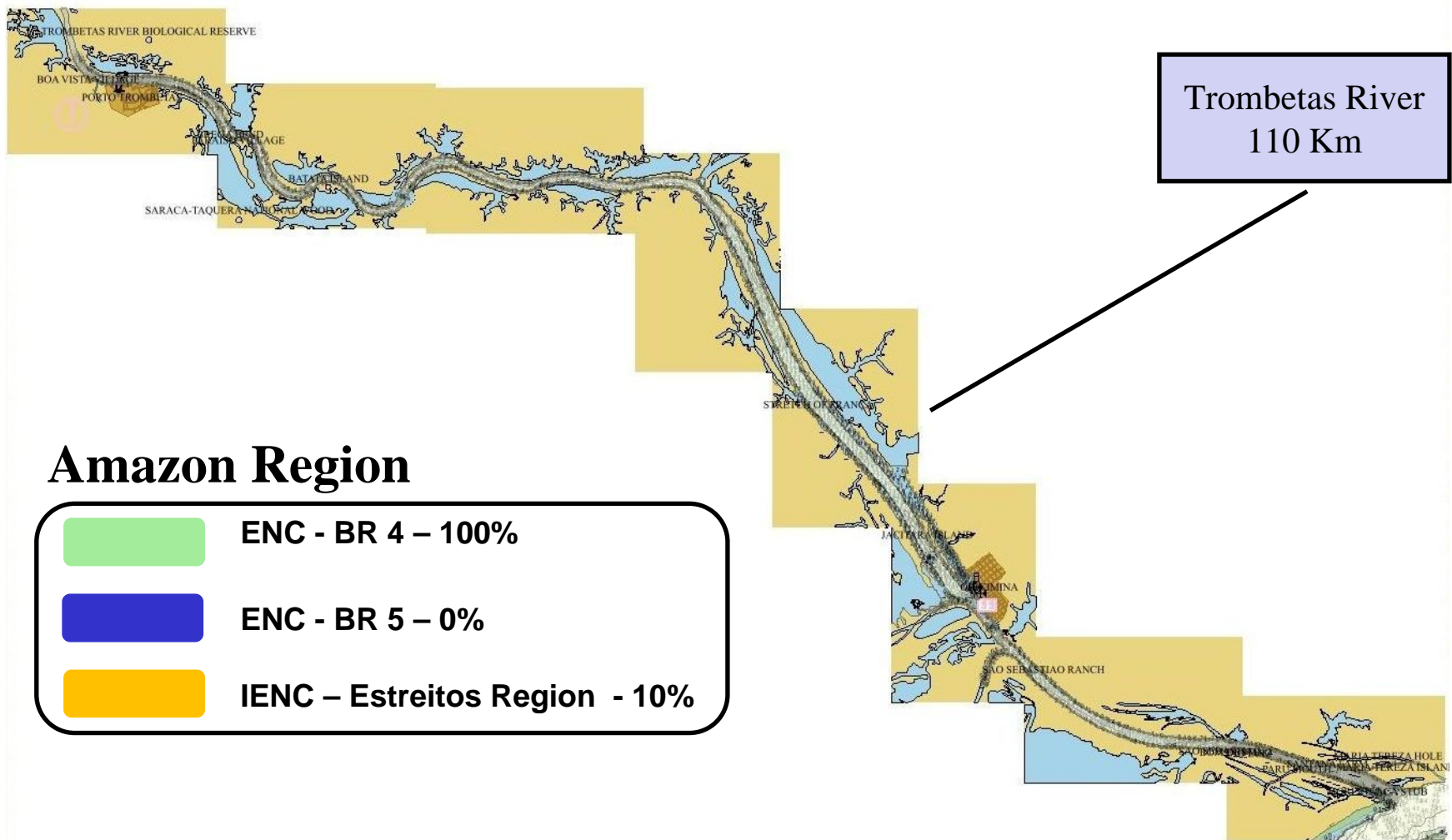
Legal status of Inland ENC's - BRAZIL

- Directorate of Hydrography and Navigation (DHN) is responsible for:
 - Defining guidelines and authorizing the establishment, modifications or permanently cancellation of aids to navigation NORMAN-17; and
 - producing official nautical charts for maritime and inland waters.

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



Data capture for ENCs and Inland ENCs in Brazil - Status



Paraguay River Inland ENC's - Planning

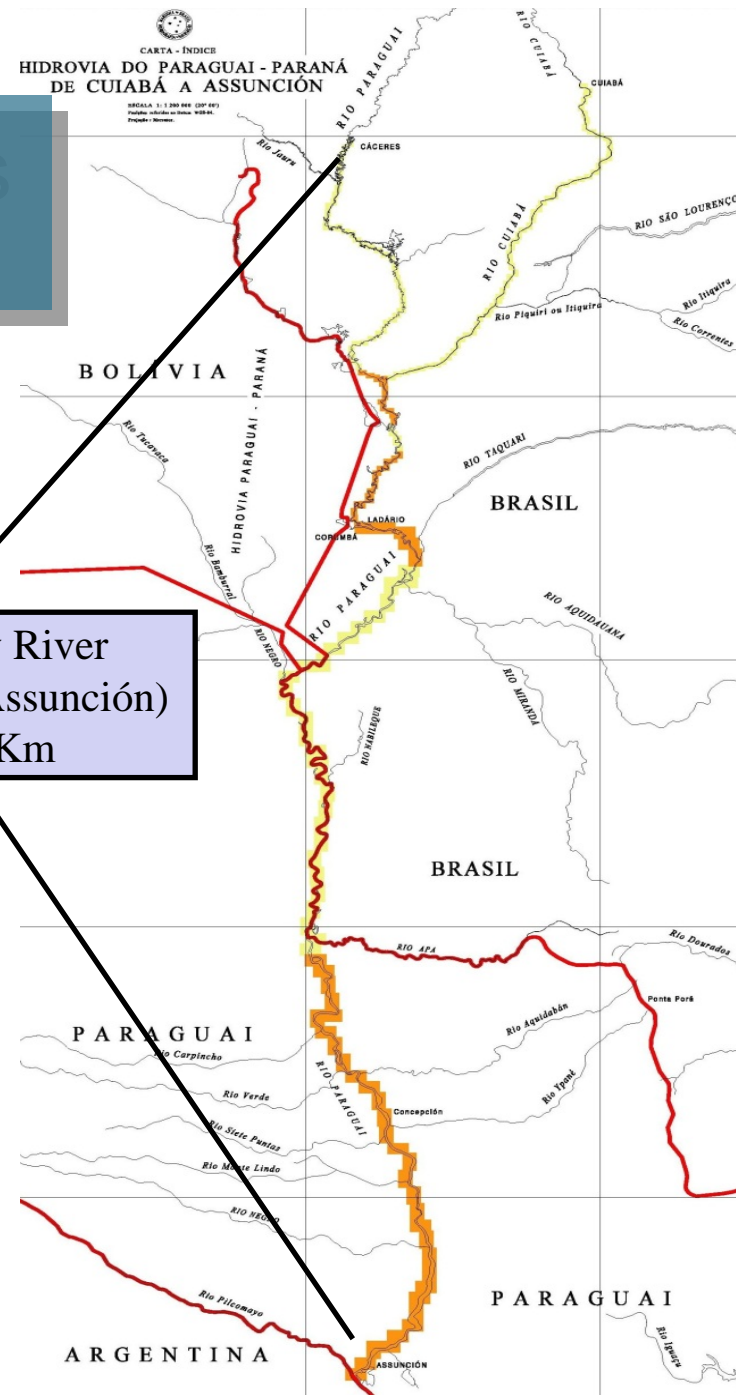


Planned

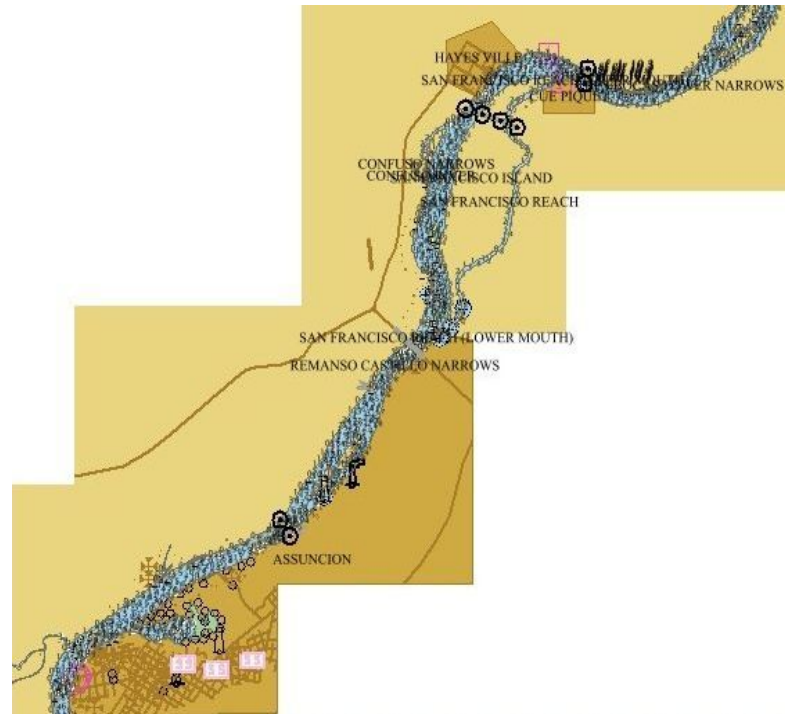
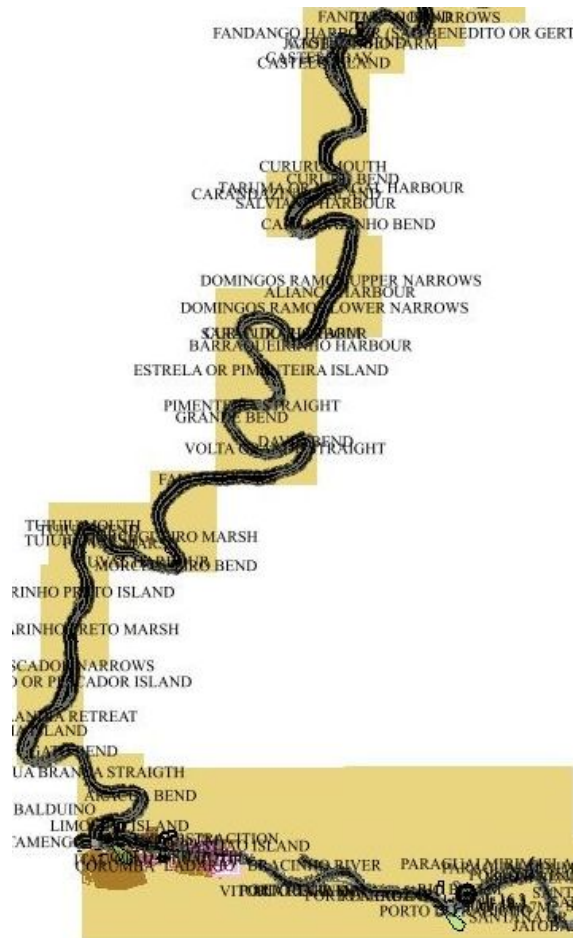


Captured on Database

Paraguay River
(Cáceres – Assunción)
1832 Km



Data capture for Inland ENC's in Brazil - Status



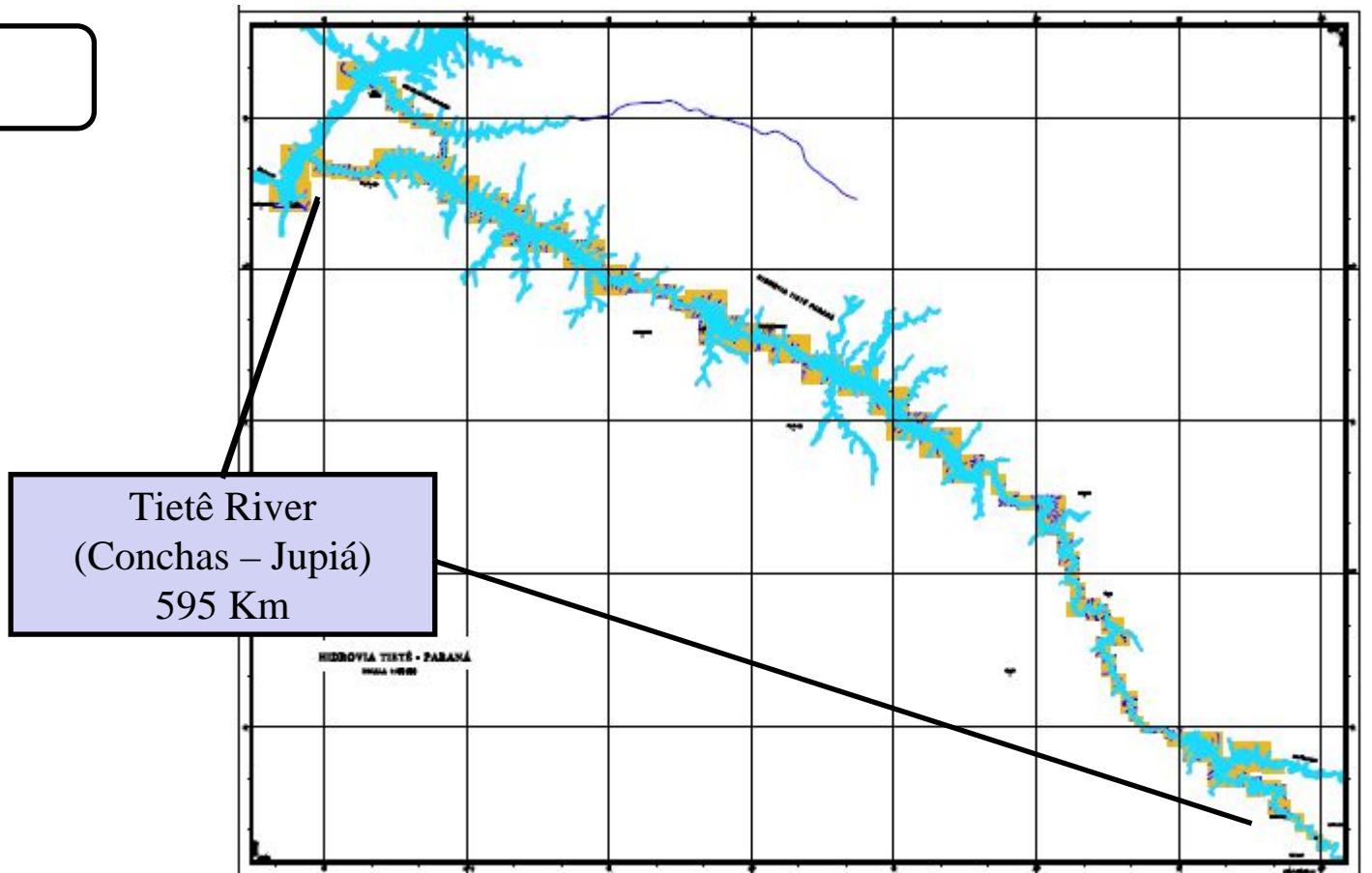
Paraguay River

Paraguayan section – 554km -100%

Brazilian section - 350/1278km – 27%

Coverage of Inland ENC's in Brazil

Tietê River - Planning



Thank you...