



SERVICIO DE HIDROGRAFÍA Y NAVEGACIÓN DE LA AMAZONÍA MARINA DE GUERRA DEL PERÚ



PERUVIAN INLAND WATERWAYS

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The background of the slide is a detailed map of Peru, showing its geographical features, rivers, and urban areas. The map is rendered in a light yellow and tan color scheme, with blue lines representing water bodies and brown lines for land features. The map is partially obscured by dark teal text boxes.

DIRECTORATE OF HYDROGRAPHY AND NAVIGATION OF THE PERUVIAN NAVY

Lima, Perú

300 staff

Marine Cartography and Hydrography

AMAZON HYDROGRAPHIC AND NAVIGATION SERVICE

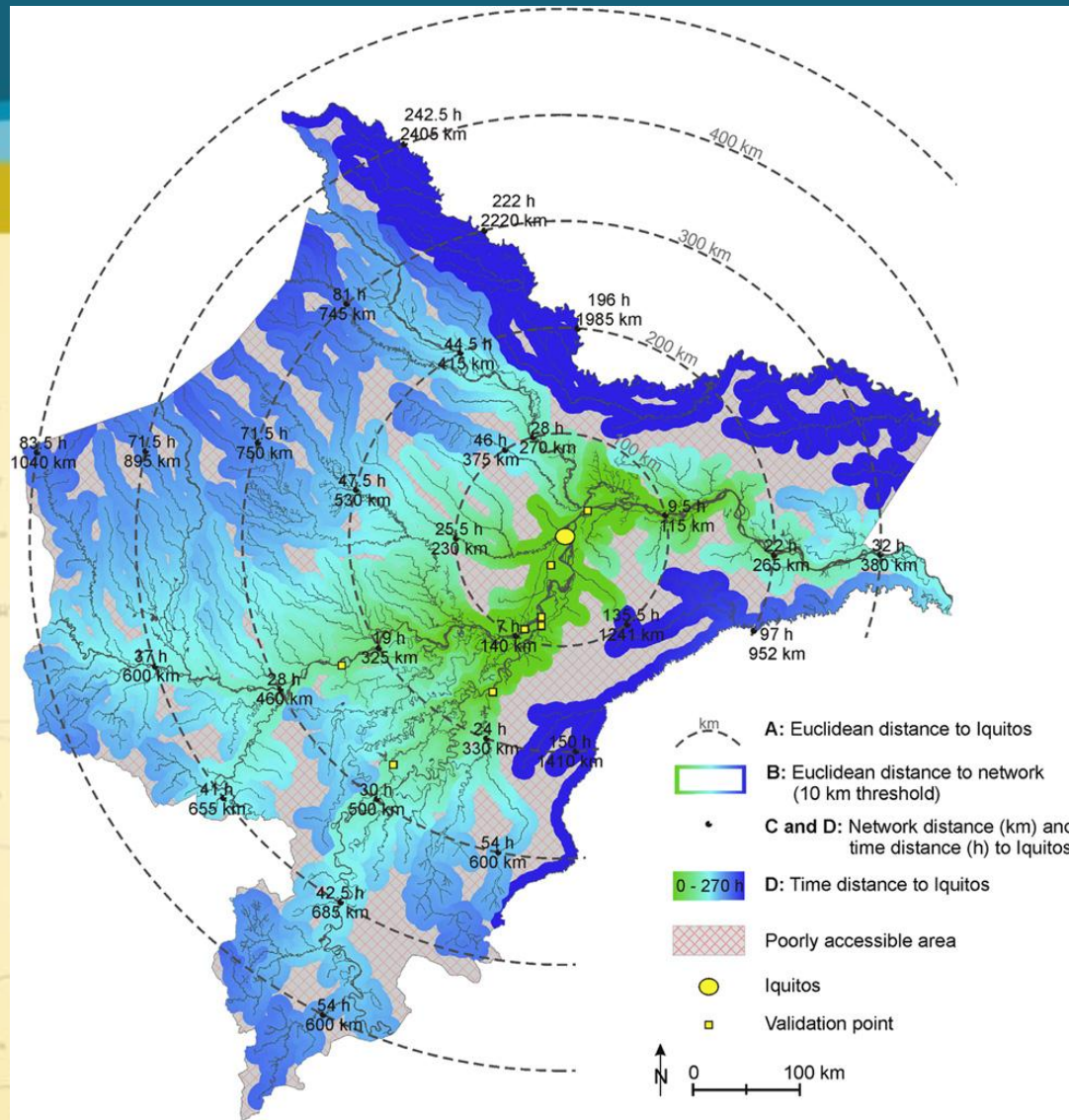
Iquitos, Perú

30 staff

Inland Cartography and Hydrography

Area of Perú's Inland Waterways





Critical distances: Comparing measures of spatial accessibility in the riverine landscapes of Peruvian Amazonia. Maria Salonen et. Al.

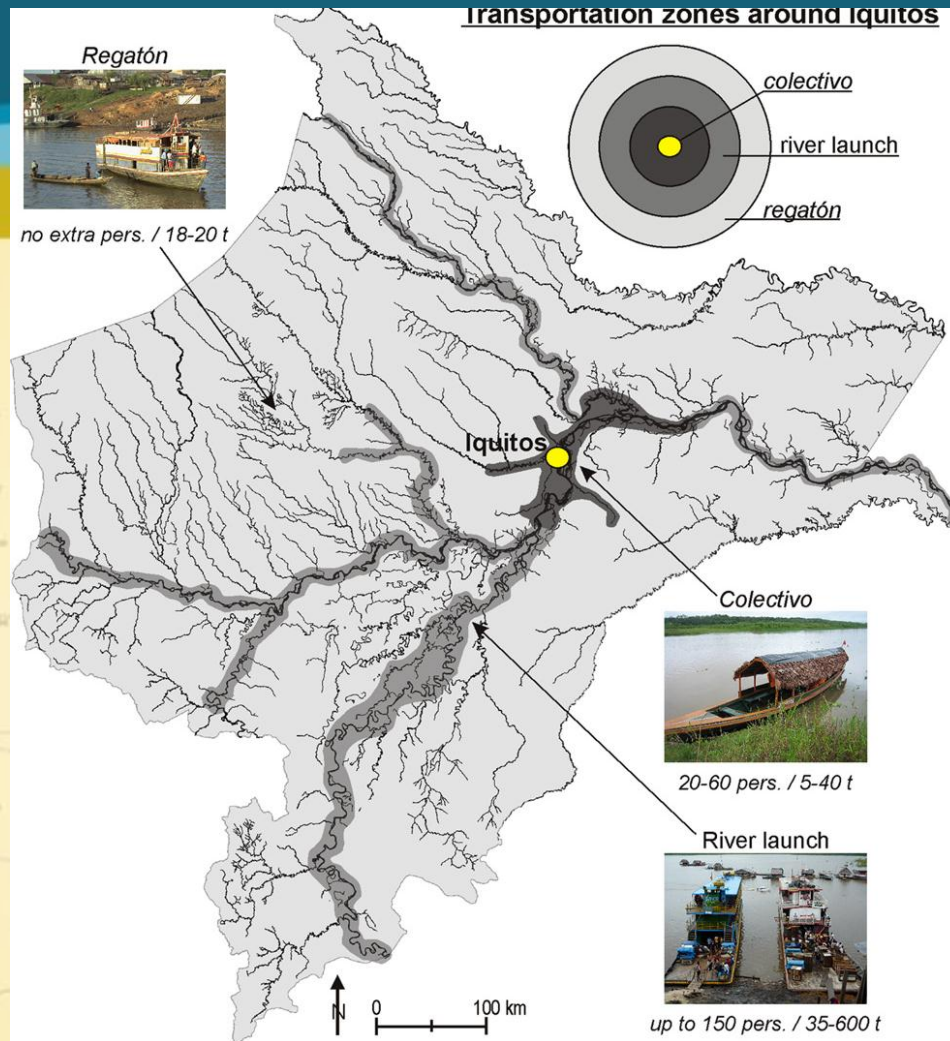
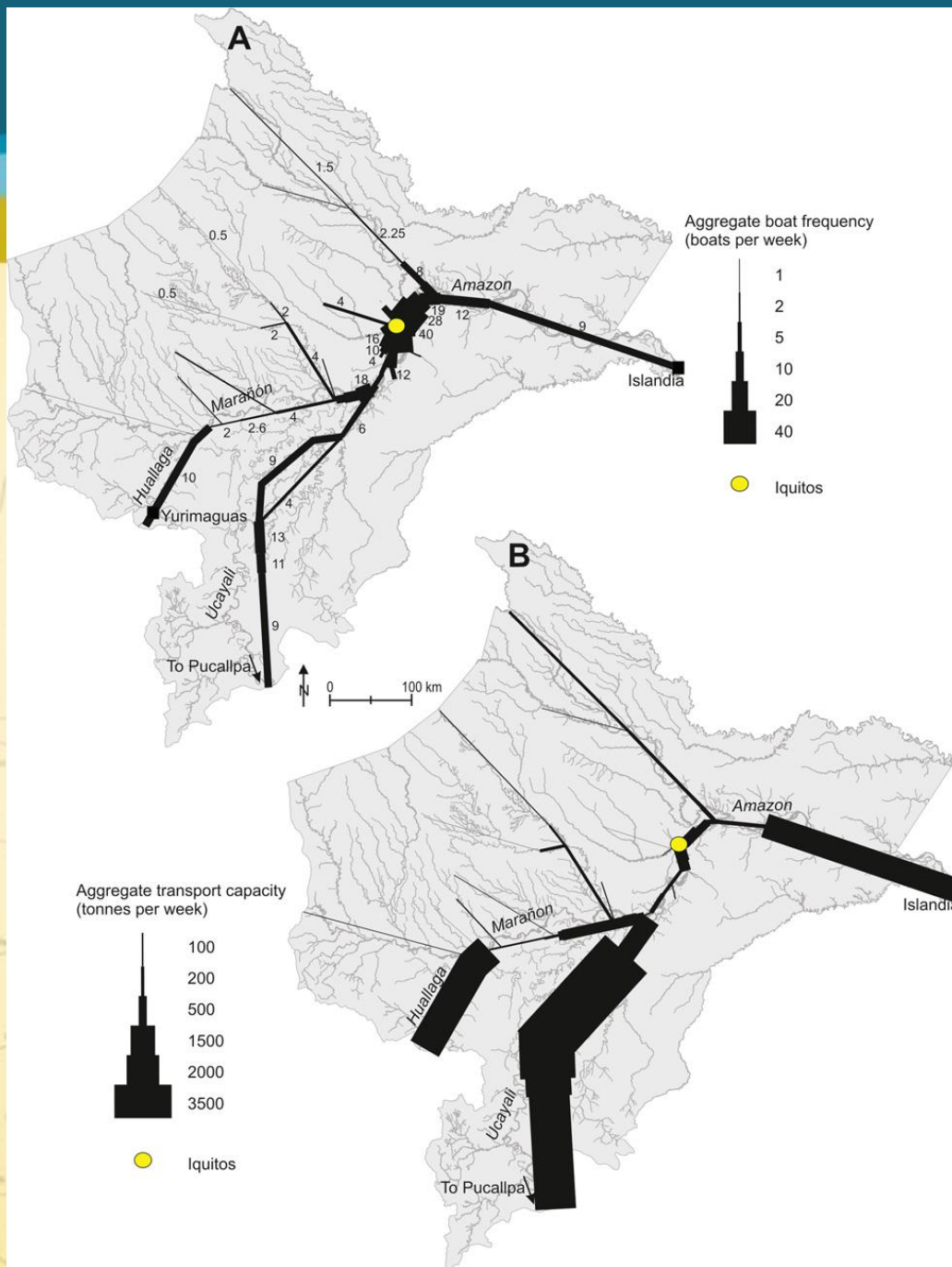
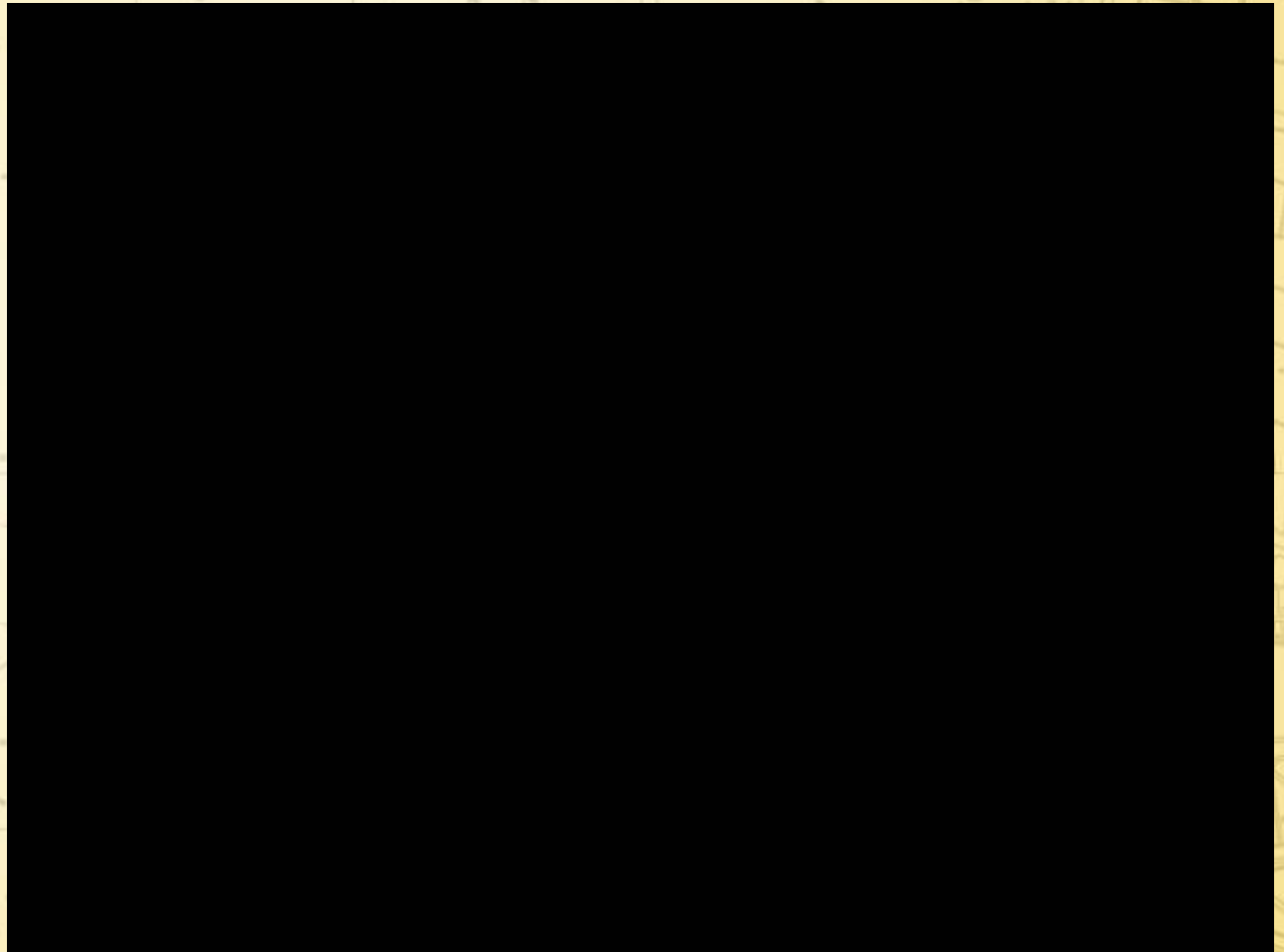


Fig. 2. Transportation zones around the city of Iquitos, principal means of transport within each zone, and typical capacities for passengers (pers.) and cargo (tonnes) in each transport vessel. Regatones operate beyond the river launch zone.



IIRSA

Legal and
technical
procedures
to develop.



IIRSA NORTE: PAITA – YURIMAGUAS (955 KM.)

US\$ 258 millones de inversión



- US\$ 258 millones de inversión.

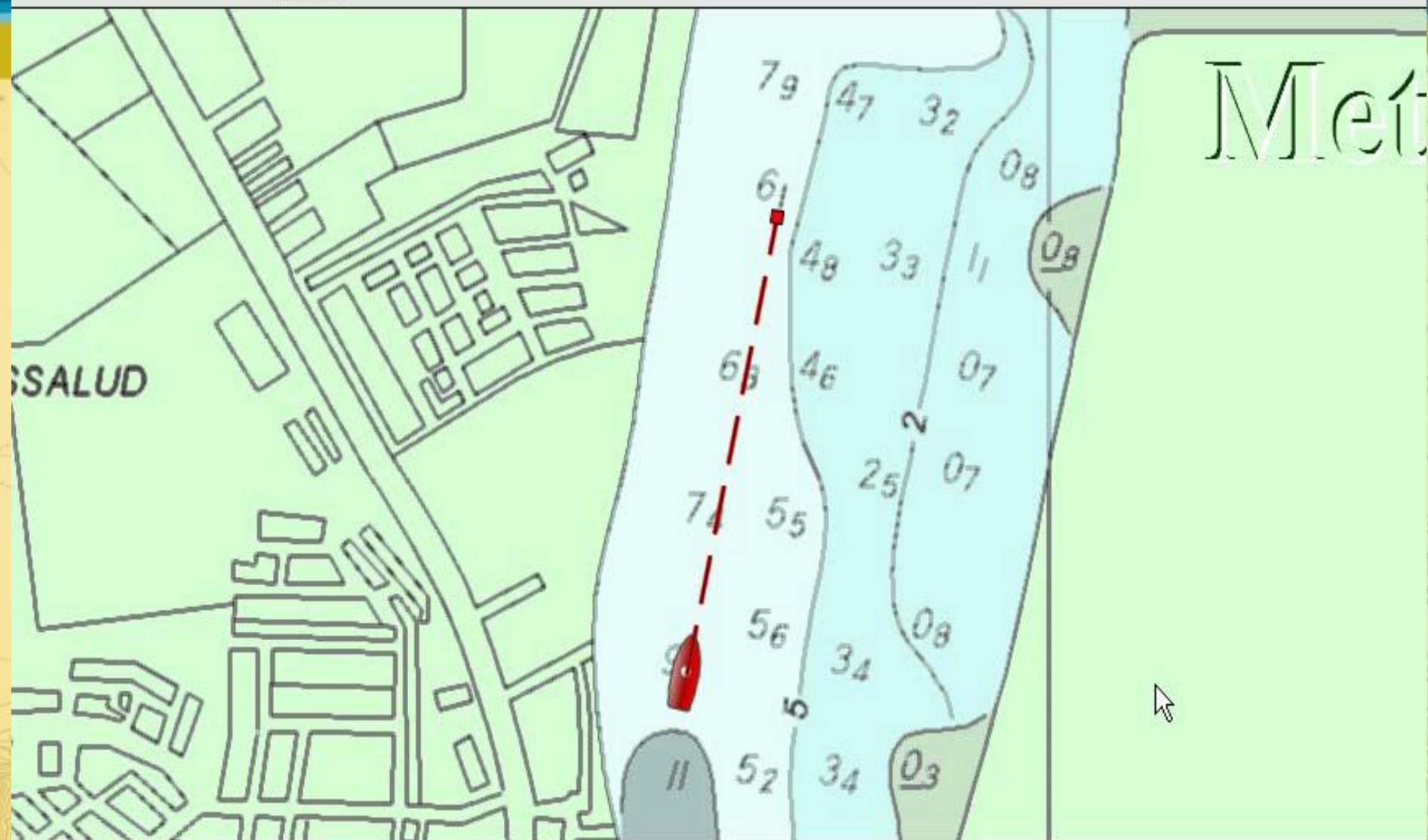
- 114 km asfaltados, 235 km rehabilitados y transitabilidad de toda la vía.

- 94% de avance.

- 13 horas de reducción de tiempo de viaje.

- 13 millones de ciudadanos beneficiados.

This map illustrates the Marañón River basin, a significant geographical feature in Peru. The river originates in the Andes and flows through a region characterized by diverse terrain, including mountains, valleys, and lakes. The map highlights the river's path, showing its confluence with the Amazon River. Key towns and cities are marked, providing a clear view of the region's urban landscape. The map also depicts various lakes and smaller water bodies, contributing to a comprehensive understanding of the basin's hydrology. The color-coding effectively distinguishes between land and water, enhancing the map's readability.



Types of Fluvial Transportation Vessels



Cargo



Passengers



Combined



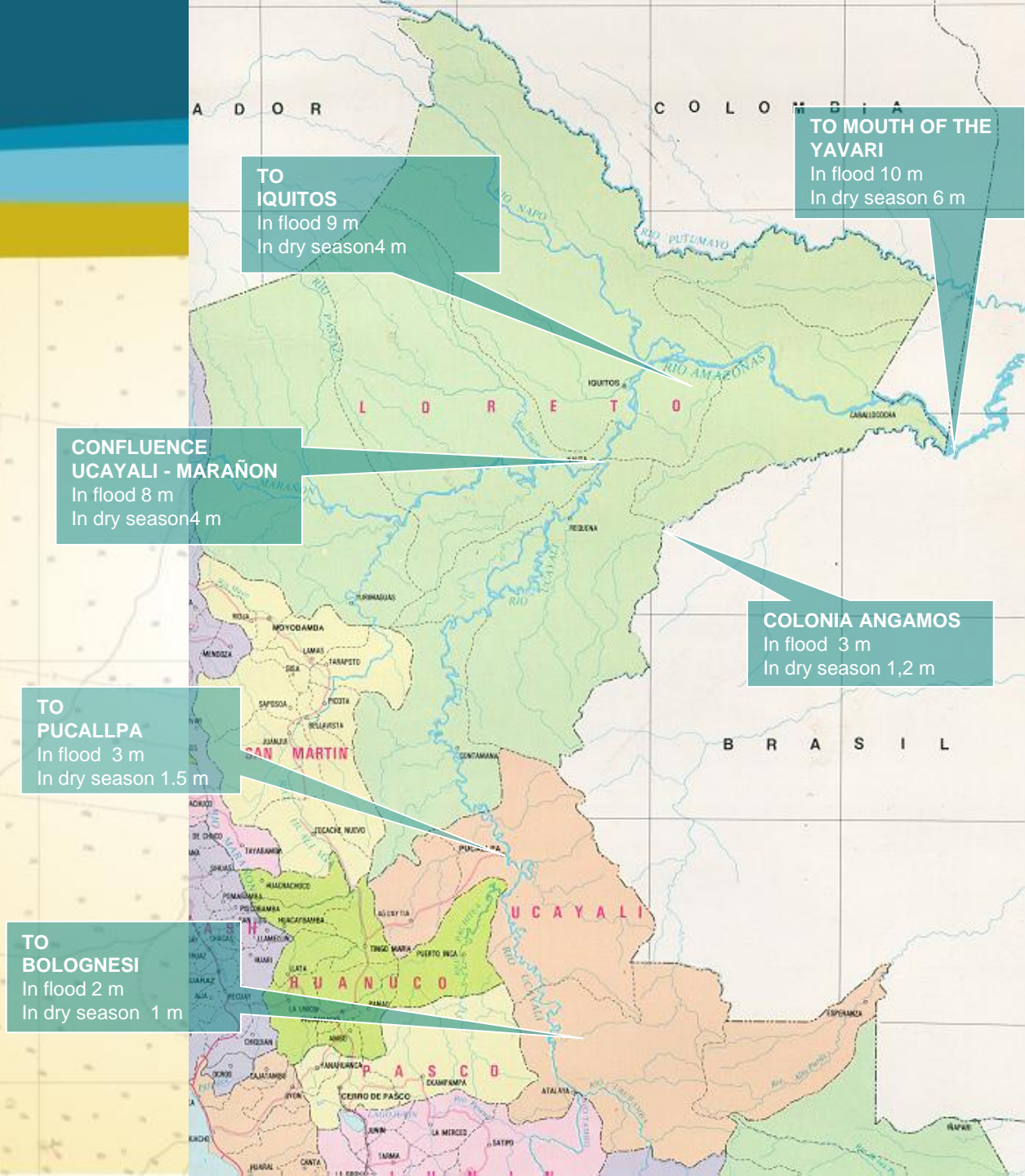
Tourist

VESSELS OPERATING IN THE DIFFERENT RIVERS OF THE AMAZON REGION



■ PUSHER BOATS	“E/F”	232
■ MOTOR BOATS	“M/F”	270
■ RIVER BOATS	“B/F”	1461
■ FISHING BOATS	“B/P”	156
■ MISCELLANEOUS	“A/F”	359
TOTAL VESSELS		2322

YAVARI



% TIME AND DRAFT

MAX DRAFT (feet)	30	15	10	8	6	5	4
AMAZONAS (hasta Iquitos)	58%	92%	100%	100%	100%	100%	100%
MARAÑÓN (hasta la boca del Huallaga)	0%	42%	75%	100%	100%	100%	100%
UCAYALI (hasta Pucallpa)	0%	25%	42%	75%	92%	100%	100%
MARAÑÓN (hasta Saramiriza)	0%	0%	17%	33%	75%	83%	100%
HUALLAGA (hasta Yurimaguas)	0%	0%	17%	33%	75%	83%	100%

PRINCIPAL HIDRAULIC PARAMETERS OF THE AMAZON RIVER

ANNUAL VARIATION IN RIVER LEVEL

- 12.63 METERS

VELOCITY

- DRY SEASON 1.5 M/S FLOOD 2.2 M/S

FLOW

- DRY SEASON 5,000 M³/S FLOOD 55,000 M³/S

SEDIMENT TRANSPORT

SUSPENDED+ BOTTOM varies between 150,000 to 4'000,000 TN/DAY

DEPTH : Between 10 and 50 meters

WIDTH: Between 1,000 and 3,000 meters

Signals

We have approximately 1153 villages settled on the banks of the rivers of our Amazon region. We have installed numerous :



Village Signs



Complementary River Aids



Lighthouses



Hydrographic Survey Vessel

Thank you,

We would like to invite you and look forward to seeing you in Iquitos, Perú for IEHG 10 in November 2012.



Commander Hugo Montoro

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