

# ENC Coverage and Availability

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# **“adequate coverage”**

***“ ... equivalent to the best available paper chart coverage of either a Hydrographic Office providing global coverage or the Hydrographic Office of the Coastal State ”***

IMO NAV54 June 2008



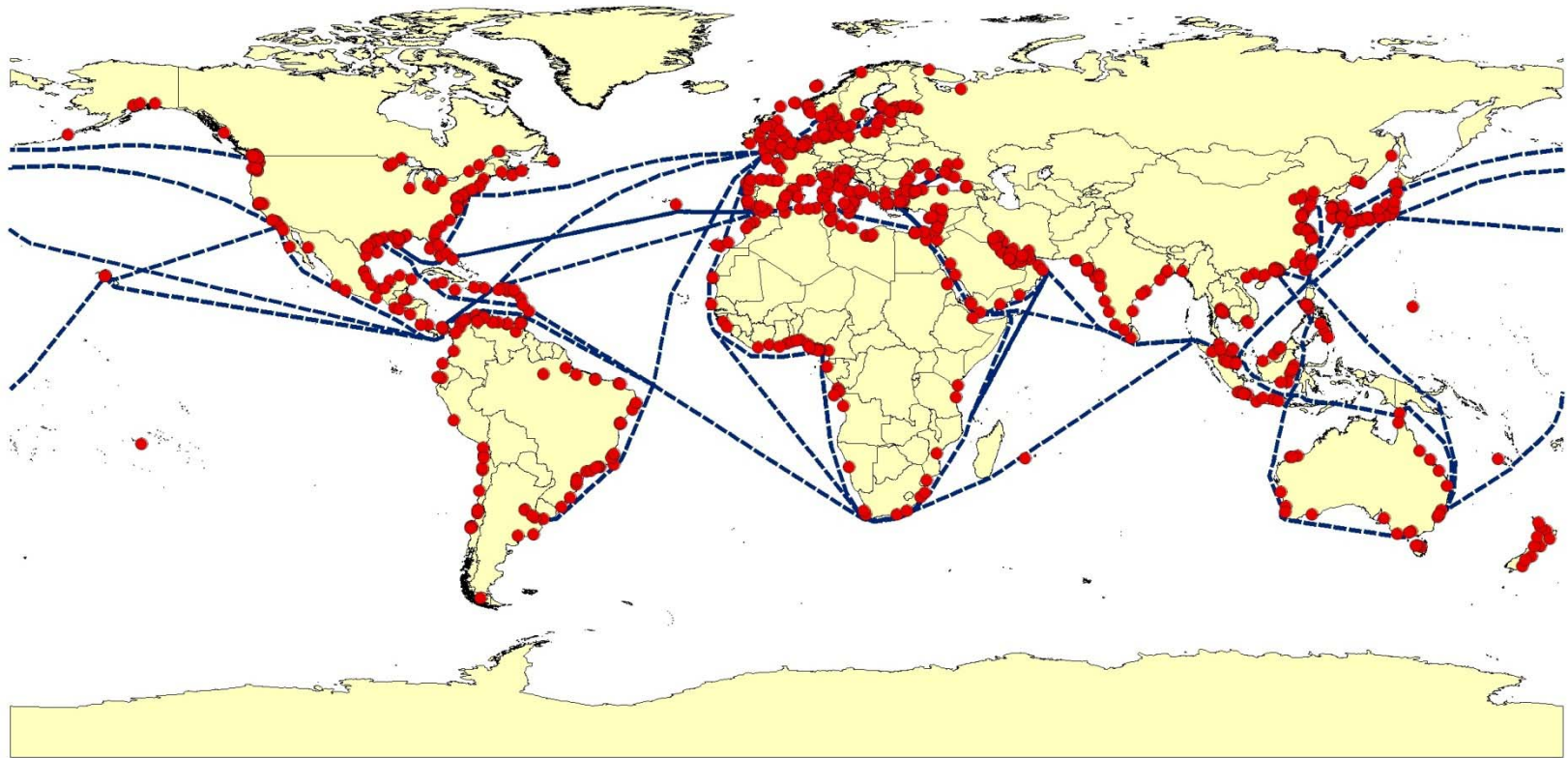
# “adequate coverage”

## Focus on international trade routes

- Major ports
- Major trade routes



# Top 800 Ports and Major Trade Routes



Source: Lloyds statistics



# Coverage Comparison - 2008

## Paper Charts ↔ ENCs

Chart Scale	% ENC Coverage
Small Scale (planning)	94 %
Medium Scale (coastal approach)	68 %
Large Scale (ports)	65 %



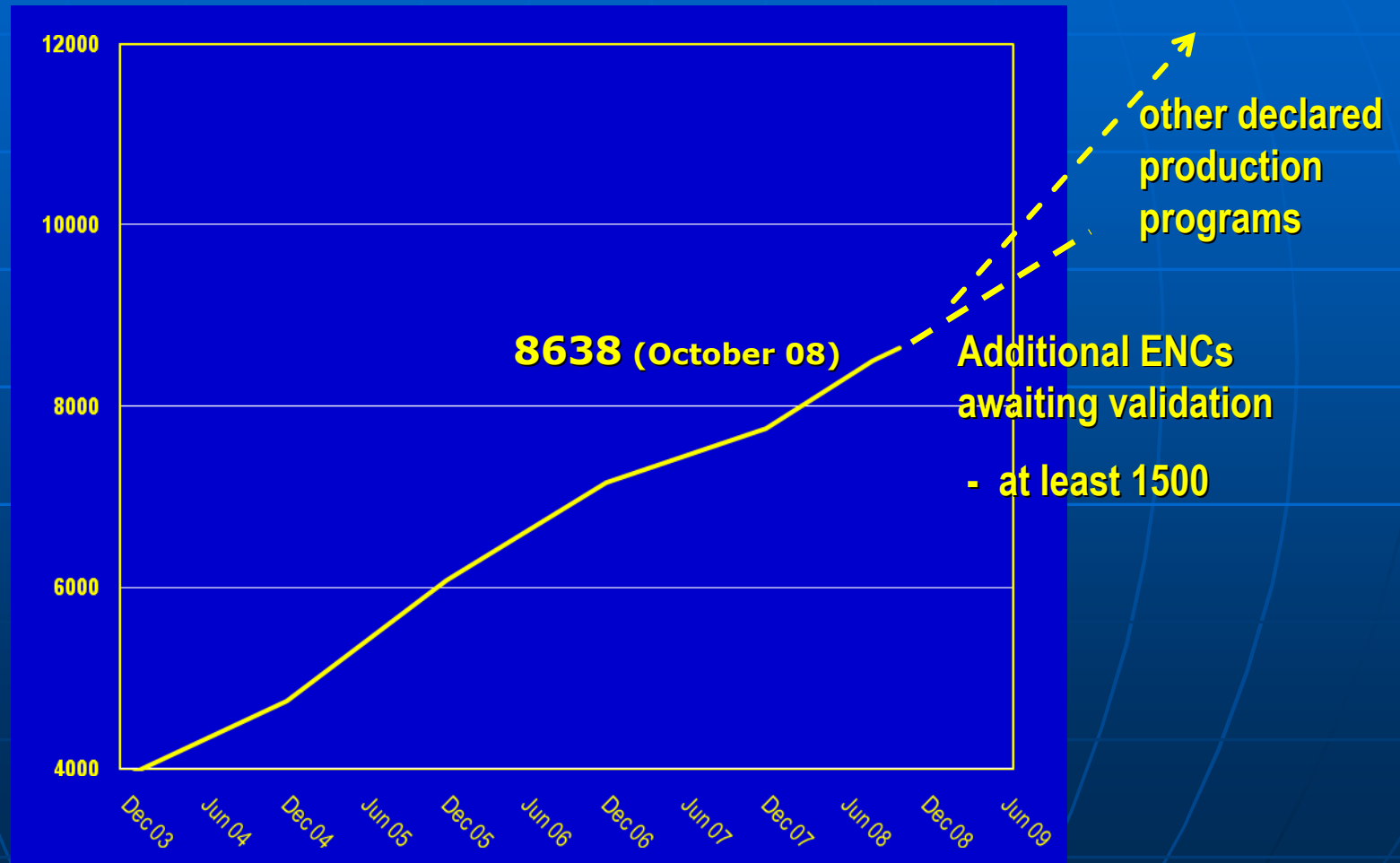
# ENC Coverage – September 2008





# Growth in Availability

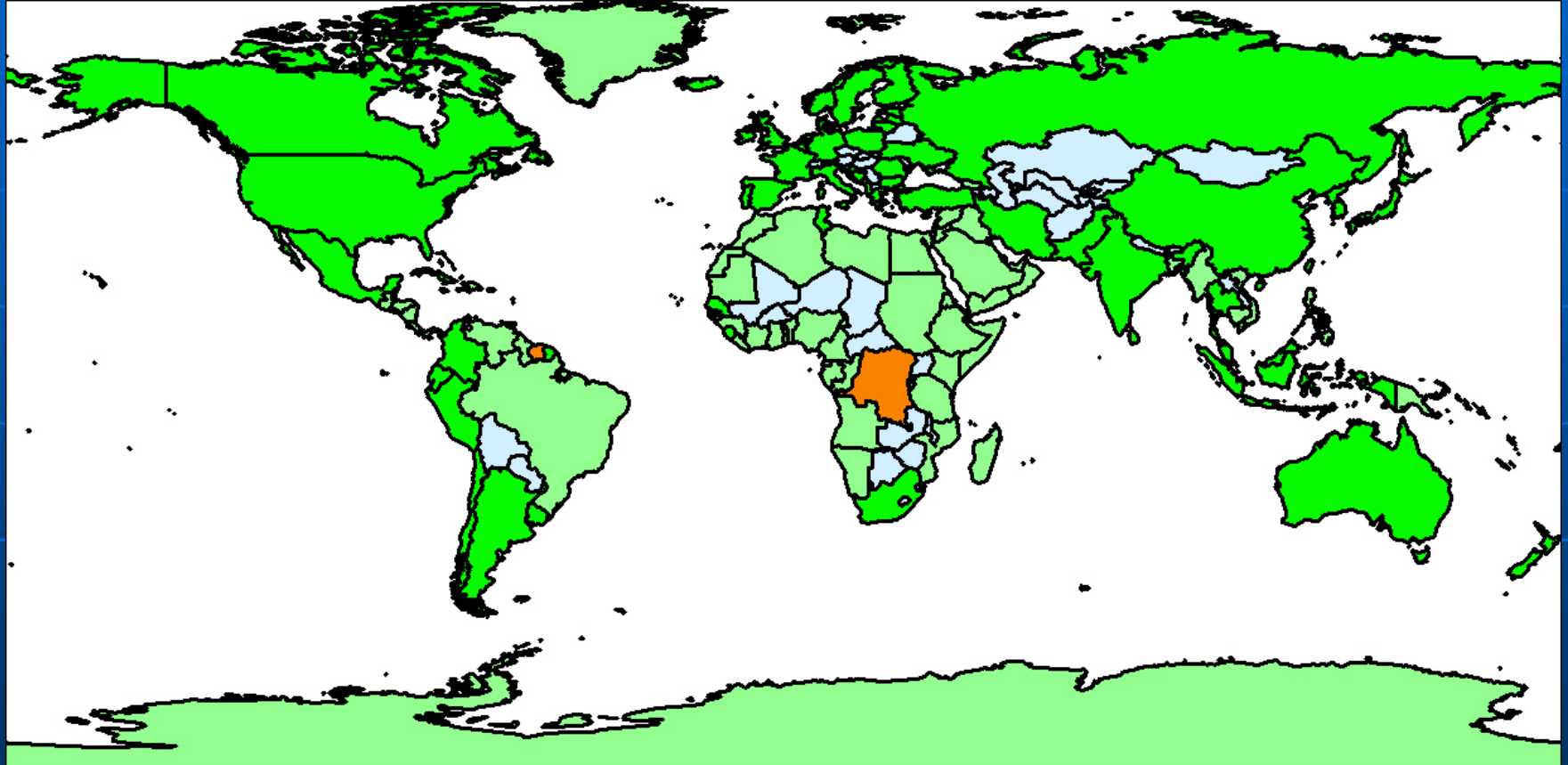
- ENC's Available to Purchase





## Coastal States:

*.....Will your international ports and routes be covered by ENCs in 2010?*



State will complete ports and routes by 2010



State will complete ports and routes by 2010 with assistance



No information provided (as yet)



# ENC Prediction - 2010

## Paper Charts

vs

## ENCs

Chart Scale

% ENC Coverage

Small Scale (planning)

100 %

Medium Scale (coastal approach)

> 95 %

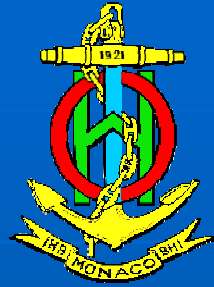
Large Scale (ports)

> 95 %



# Report to IMO

*“Adequate ENC coverage  
will be achieved by 2010”*



# ENC Coverage and Availability