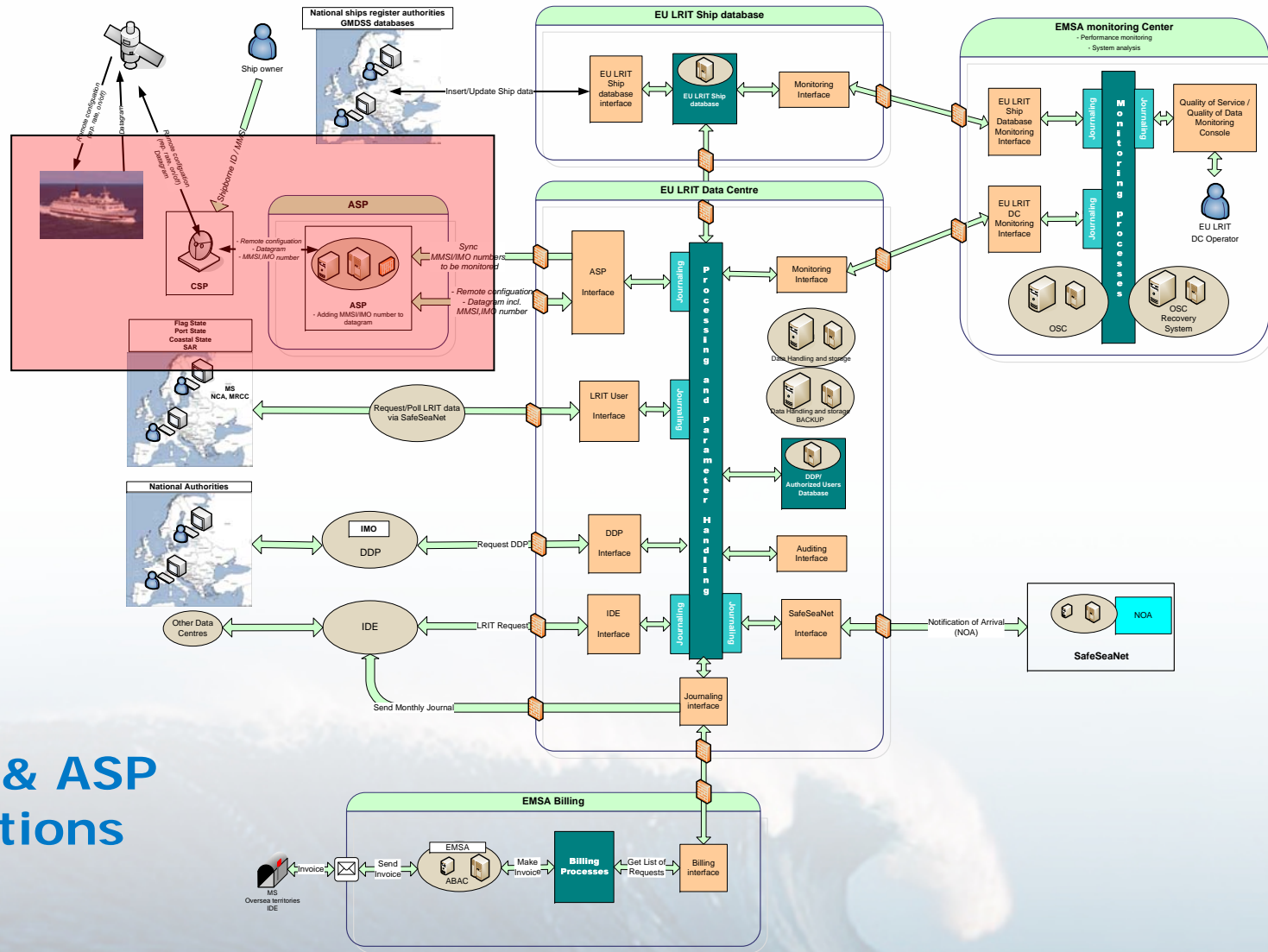# ASP/CSP

1st meeting EU LRIT Expert Group

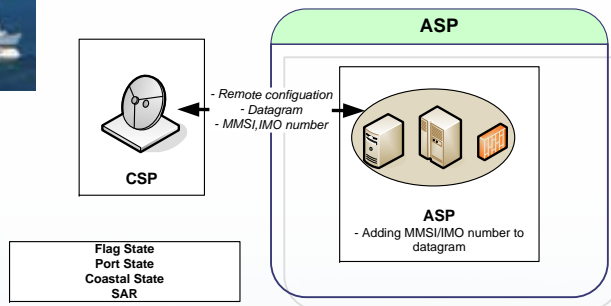**25 February 2008**

Leendert Bal

Head of EMSA LRIT Task Force

CSP & ASP functions

Shipborne equipment, CSP & ASP

- LRIT message transmitted from ship via its shipborne equipment through CSP to the ASP.

- ASP provides EU LRIT DC with complete LRIT info by adding MMSI & IMO #

- EU LRIT DC then completes ship ID with ship name

ASP/CSP function will be outsourced following public procurement

Outsourcing ASP/CSP

To benefit from existing structures:

- ASP has technical <u>infrastructure</u> in place

- ASP has <u>contracts</u> in place with Land Earth Stations and CSP's

- Adaptations for EU LRIT DC can be achieved in a short period of time

- All known DC's outsource ASP/CSP function

Requirements

- Shipborne equipment must be remotely controlled by ASP: polling up to 15 minutes

- LRIT message format should be delivered

Which satellite communication systems are suitable?

- Inmarsat C
  (may require updates, pole coverage lacking)

- Inmarsat D+
  (secure point-to-point communication with no access to other ASP's)

- Iridium?

- Others?

Tender requirements for ASP

- Systems have to meet functional requirements

- Open technology, open access

- Cost efficiency

What is expected from Flag States?

- Information on ship and shipborne equipment, etc. (ship DB)

- Type approval of shipborne equipment

- Testing of shipborne equipment

  EMSA has no mandate to interfere in this Flag State responsibility