



*International Symposium on  
Advanced Radio Technologies*

*International Radar*

*Compatibility Panel*

NBP Fast Track Issues at  
3 GHz

# Certification Process for Maritime Electronics



IEC 62388

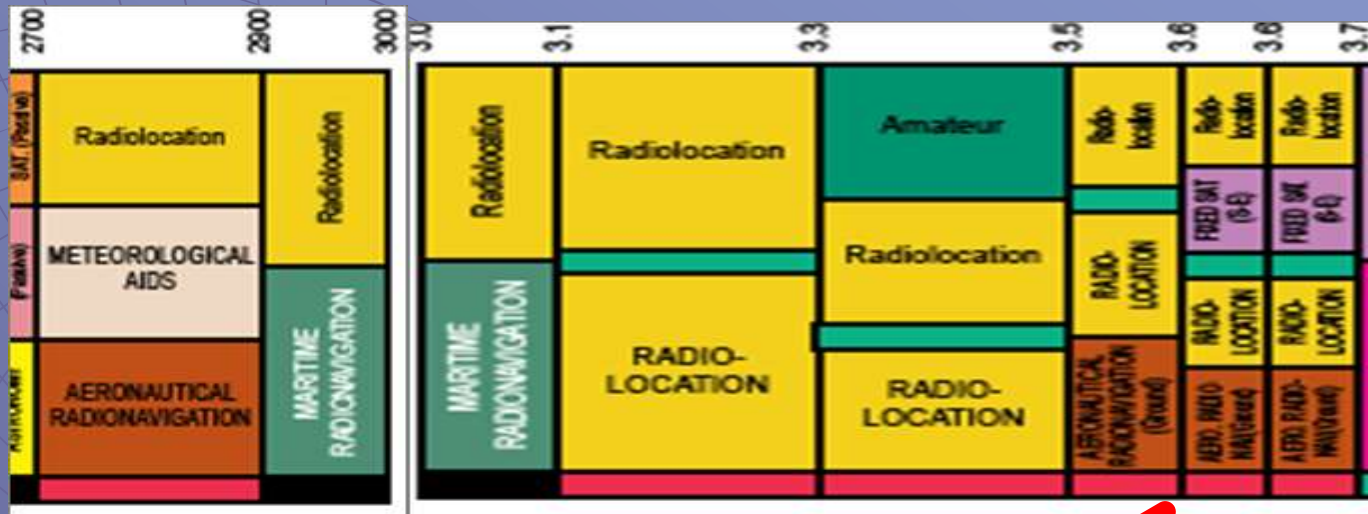
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## INTERNATIONAL STANDARD

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Maritime navigation and radiocommunication equipment and systems –  
Shipborne radar – Performance requirements, methods of testing and required  
test results

# S-band “under review”

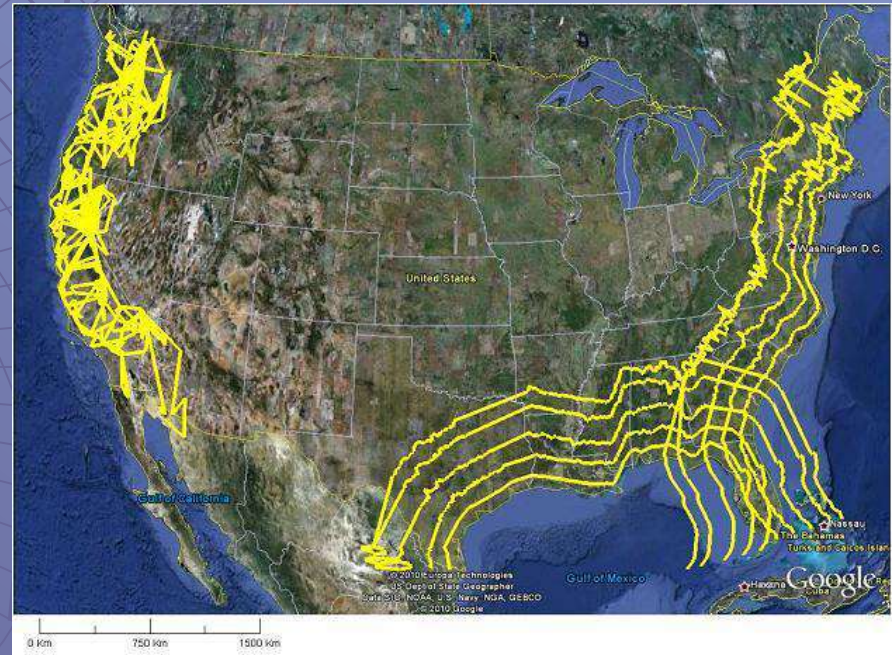


- ◆ Where can room be made for broadband?
- ◆ Can ATC/NEXRAD/marine/military better share?
- ◆ Can solid state/magnetrons better share?



# 3550-3650 MHz military radar band

- ◆ Radar band selected because spectrum already usable by WiMAX broadband
- ◆ WiMAX Incompatible with ship radar
- ◆ Broadband setback by FCC essential to protect military ship radars operating 10 km or more offshore



# 3550-3650 MHz military radar band

AN/SPN43 radar  
used for air traffic  
control during  
Deepwater Horizon





