STANDARDIZATION STRATEGIES FOR FUTURE MARITIME WIRELESS COMMUNICATION TECHNOLOGIES

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FUTURE MARITIME WIRELESS COMMUNICATION

- Radiocommunication: LEO satellite, VLEO satellite, HAAPS
- Optical communication: Laser, Infrared, Visual light
- Electromagnetic communication: MS@MS

STANDARDIZATION BODIES









STANDARDIZATION BODIES AS LEGALLY BINDING



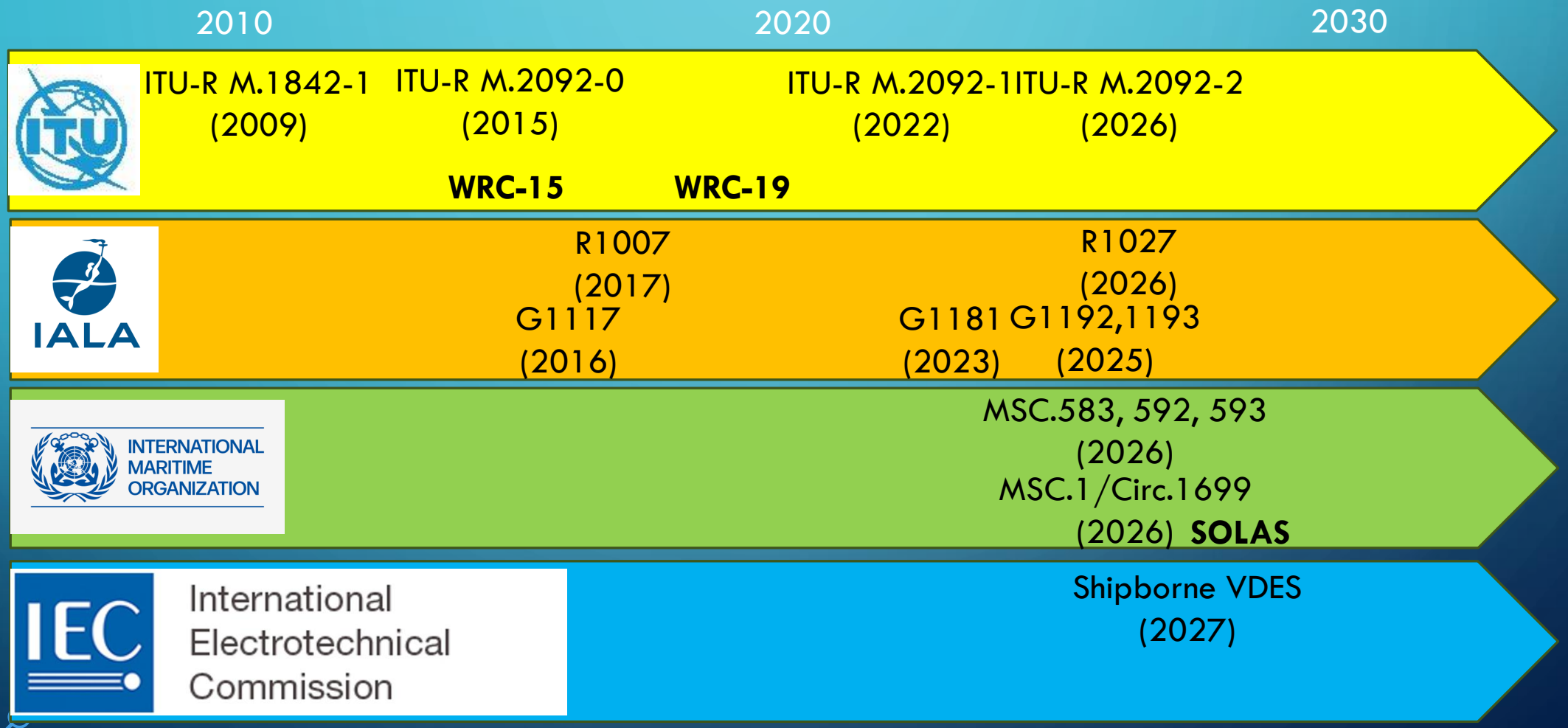
- SOLAS
- Non-SOLAS

STANDARDIZATION BODIES AS LEGALLY BINDING



- Public service
- Maritime service
- GMDSS

STANDARDIZATION CASE - VDES



CONSIDERATION

- What IGO/NGO should be involved
- SOLAS and/or non SOLAS
- Implementation
- Mandatory or voluntary



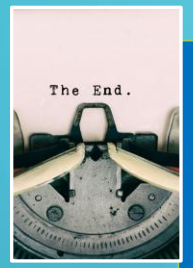
CONSIDERATION

User requirement

Functional requirement

Expected performance

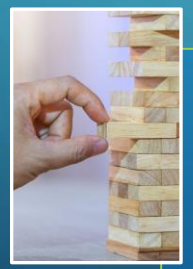
STRATEGY



Goal based



Technology neutral



User driven

THANK YOU

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