

# Updates on applicable regulation on EU Inland Waterways – EU Stage V and other related topics

CIMAC WG 5 on  
3rd November 2022  
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RRPS

# Today's Agenda:

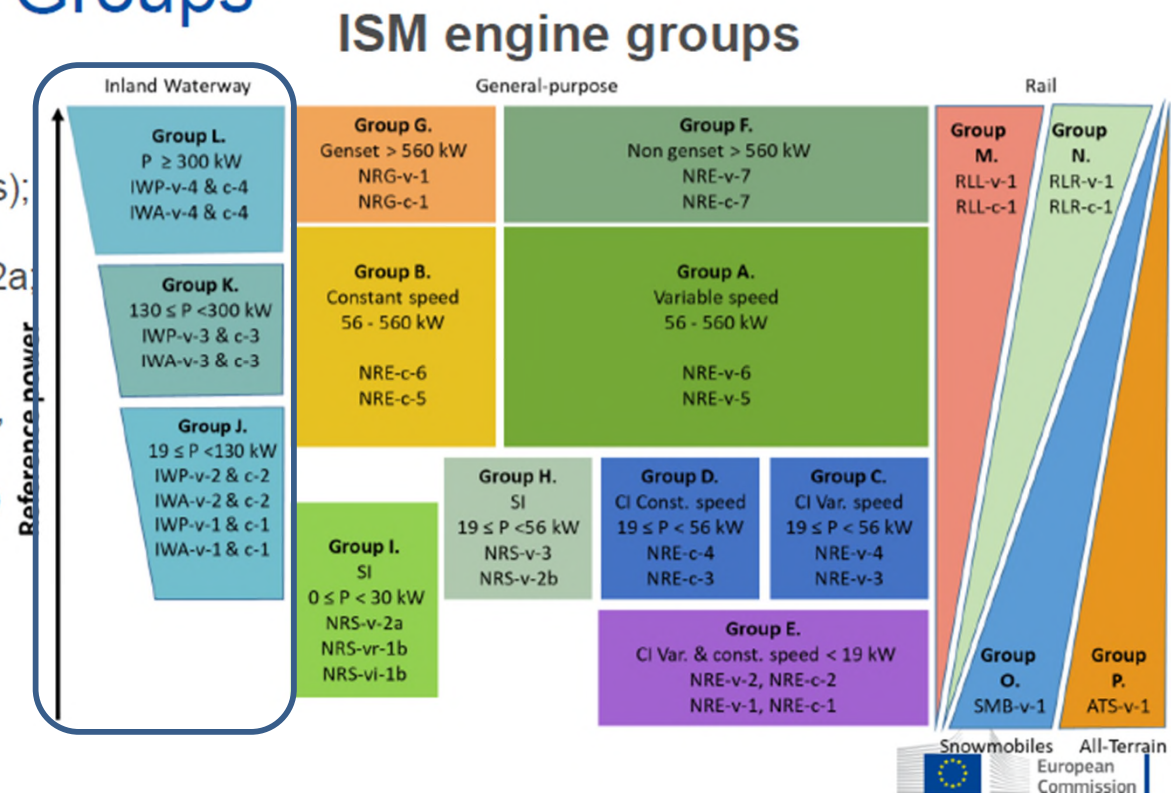
- Status & Updates ISM under (EU) 2016/1628  
„EU Stage V“
- CESNI / ES-TRIN
- FAQ

# Status & Updates ISM under (EU) 2016/1628 „EU Stage V“

- Latest amendment contains ISM requirements for IWT (and other currently not included engine categories → initial ISM covered only Group A.)

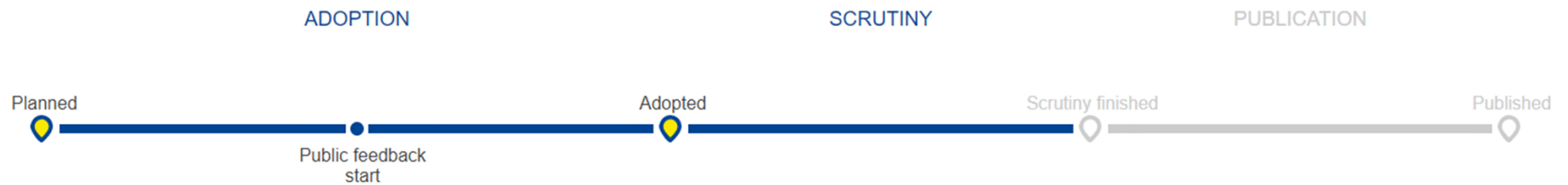
## ISM: Engine Groups

- NRE & NRG (all sub-categories);
- NRS-vr-1b, NRS-vi-1b NRS-v-2a, NRS-v-2b & NRS-v-3;
- IWP & IWA (all sub-categories),
- RLL & RLR (all sub-categories)
- Snowmobiles (SMB-v-1)
- All-Terrain Vehicles (ATS-v-1)



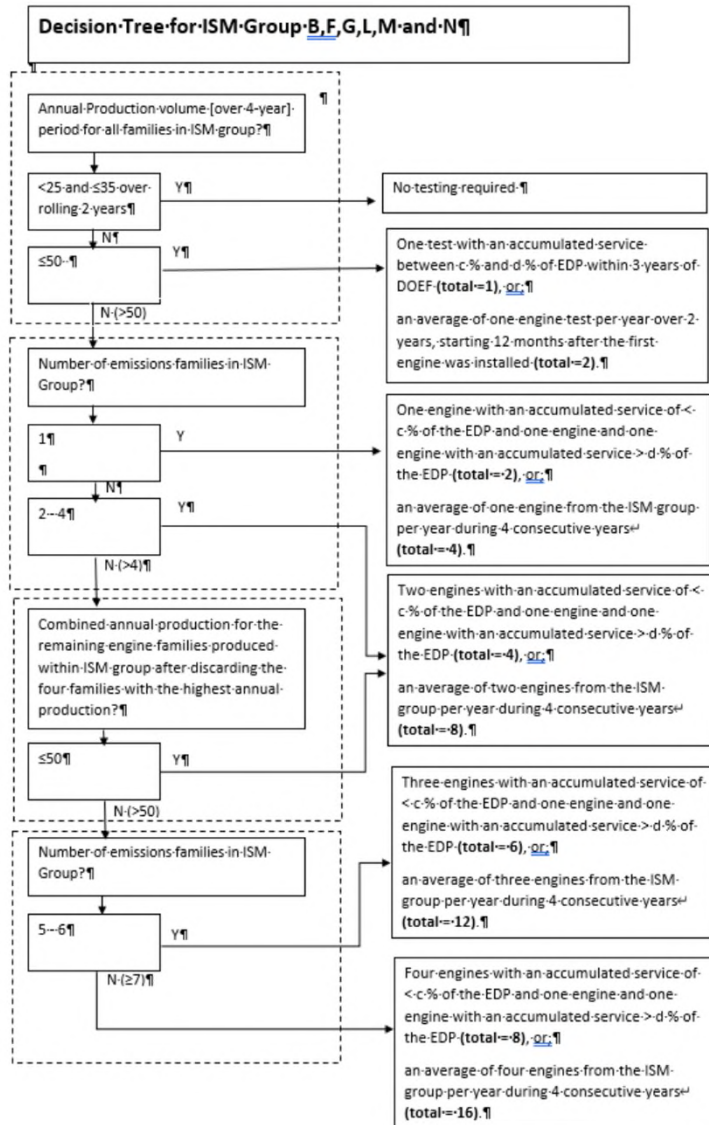
# Status & Updates ISM under (EU) 2016/1628 „EU Stage V“

- Final amendment text was adopted by EU COM end August and is now in scrutiny period Parliament and Council (normally 2 months)



- Publication in OJ expected latest of the year [Delegated act details - Register of delegated acts \(europa.eu\)](https://webgate.ec.europa.eu/regdel/#/delegatedActs/1090?lang=en)  
(<https://webgate.ec.europa.eu/regdel/#/delegatedActs/1090?lang=en>)
- Test plan for existing engine families needs to be provided + 6 months after entry into force and one month after start of production for new families
- EUROMOT plans to be provide updated FAQ document which reflects additional requirements and changes

# Status & Updates ISM under (EU) 2016/1628 „EU Stage V“



- Different testing schemes based on Emission Durability Period (EDP) or a 4 years' period
- Specific requirements on low-volume manufacturers

# CESNI / ES-TRIN

- Discussion in CESNI committee on application of test cycles – disagreement reported between suppliers and vessel inspectors
- „Which test cycle is the most representative for the specific application“?  
 → Same discussion for new advanced propulsion system solution designs at IMO  
 → Discussion under ToR of MEOP
- What applies if NRE (<560 kW) or EURO VI engines are used?
- CESNI asked for support to provide / extend FAQ
- EUROMOT will work on FAQ input

Table IV-5: NRSC test cycles for engines of category IWP

Category	Speed operation	Purpose	Sub-cat-egory	NRSC
IWP	variable	Variable-speed engine intended for propulsion that operates on a fixed-pitch propeller curve	IWP-v-1 IWP-v-2 IWP-v-3 IWP-v-4	E3
	constant	Constant-speed engine intended for propulsion that operates with a controllable-pitch or electrically coupled propeller	IWP-c-1 IWP-c-2 IWP-c-3 IWP-c-4	E2

Table IV-6: NRSC test cycles for engines of category IWA

Category	Speed operation	Purpose	Sub-cat-egory	NRSC
IWA	variable	Variable-speed engine intended for auxiliary use on inland waterway vessels	IWA-v-1 IWA-v-2 IWA-v-3 IWA-v-4	C1
	constant	Constant-speed engine intended for auxiliary use on inland waterway vessels	IWA-c-1 IWA-c-2 IWA-c-3 IWA-c-4	D2

# FAQ

- Jointly developed FAQ on IWT-related aspects how to apply EU NRMM regulation
- Available via homepage of EUROMOT  
(<https://www.euromot.eu/publication-and-events/publications/>)

**Thanks for your interest.**

Do not hesitate to contact me also via email:

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