

Revision of MARPOL Annex IV – a preview

MARPOL Annex IV Regulations for the prevention of pollution by sewage from ships

History

Current Annex IV provisions in focus of revision

Draft amendments

Technology development

History of Annex IV

- *A part of the MARPOL 73/78 Convention*
- *Entry into force: 2003*
- *Revisions:*
 1. *2004 – clarifying amendments after entry into force*
 2. *2006 – inclusion of Port State Control requirement*
 3. *2007 – minor amendment of Discharge requirement*
 4. *2011-2016 – inclusion of requirements concerning Special Area in Annex IV*
 5. *2019 –*

Current provisions in Annex IV in focus

1. *Surveys, ISPP Certificate*
2. *Equipment requirements*
3. *Discharge requirements*
4. *Port reception facilities*

Revision of Annex IV, draft provisions

1. *Surveys, ISPP Certificate*

- *commissioning and performance testing of equipment (STP)*

2. *Equipment*

3. *Discharge requirements*

4. *Operational requirements*

- *sewage record book*
- *sewage management plan*
- *indicative monitoring*

Technology development and Annex IV

Continuously
developing
technologies
enhancing
treatment
processes
of sewage

Past:

- *additional effluent testing standards in TA process for STPs*
- *STPs with treatment of nutrients for Special Areas*

Present:

- *additional effluent testing standard in TA process for STPs (turbidity)*
- *device for indicative monitoring of STP to improve performance of STP*

Future:

- *?*