

TRAFICOM

Finnish Transport and Communications Agency

COLREG, TONNAGE and LL

IMSAS

Session 9

COLREG, TONNAGE and LL in Finnish administration



Location of COLREG, TONNAGE and LL at Traficom

TRANSPORT SAFETY AND SERVICES

MARITIME TRANSPORT

Sanna Sonninen

MARITIME SAFETY AND MARINE ENVIRONMENT

Toni Karppinen

HYDROGRAPHIC OFFICE

Jouni Lappalainen

SEAFARERS AND BOATING

Henri Wallenius

MARITIME INSPECTIONS AND SURVEYS

Thomas Lundström

SHIP TECHNOLOGY

Sten Sundberg

MARINE ENVIRONMENT

Ville-Veikko Intovuori

HYDROGRAPHIC SURVEYS

Vesa Nori

DEPTH DATA PROCESSING

Outi Rondaij

NAUTICAL CHART PRODUCTION AND MAINTENANCE

Mika Vuoristo

DEVELOPMENT OF NAUTICAL CHART PRODUCTS AND SERVICES

Susanna Jansson

MARITIME QUALIFICATIONS

Santeri Lunkka

STATE AID, REGISTERS AND BOATING

Max Wilhelmson

FAIRWAYS

Maarit Mikkelsen

MARITIME INTER-AUTHORITY COOPERATION AND INFORMATION SERVICES

Aleksi Uttula

COORDINATION OF INTERNATIONAL MARITIME AFFAIRS AND R&D

Juha-Matti Korsi

Organisational structure

TRANSPORT SAFETY AND SERVICES

MARITIME SAFETY AND MARINE ENVIRONMENT

Toni Karppinen

MARITIME INSPECTIONS AND SURVEYS

Thomas Lundström

Helsinki

Johansson Hans
Stenbäck Dan
Sällsten Sami
Ihalainen Jukka

Maarianhamina
Karlsson Henrik
Mannerström Jonas

Oulu

Heinonen Ari
Hautala Aku

Kotka
Suomalainen Juha
Holmroos Kai

Vaasa

Halin Juuso
Lindström Tomas
Valkonen Jukka

Turku

Welander Jan-Christian
Huhtanen Jukka
Lauren Carl-Henrik
Yli-Heikkilä Hannu
Sorsa Johan

Lappeenranta
von Bonsdorff
Henrik
Wikström Ben

SHIP TECHNOLOGY

Sten Sundberg

Koneistot
Sundberg Sten

Pelastautumisvälineet
Kokoi Tuomas

Jääluokat
Tuominen Aki

Sähkö
Virtanen Heikki

Paloturvallisuus
Berntsson Christer

Hyberturvallisuus
Haavaste Kristian

Radio ja navigointi
Bussman Patrik

Alusten vakavuus, lastiviiva ja runko sekä jääluokat
Häyrynen Ville

Vaihtoehotiset polttoaineet
Konttori Jari

Lakimies

MARINE ENVIRONMENT

Ville-Veikko Intovuori

IMDG/VAK
Grönlund Miina

Irtolastit/kontit
Vähätalo Jyrki

PA SHIP
Harju Milla-Emilia
Vesterinen Sami

VA-melu
Syrjälä Joonas

Ilmansuojelu
Merisalo Jarkko

KHK-päästöt
Kuurma Satu

Päästökauppa
Elina Kari

Päästöt veteen/PRF
Ikonen Mirja

IMSAS
Suutarla Hanna

Lakimies
Mittler Cea

Vakuutusasiat
Laine Jaana

Vieraslajiasiat
Ville-Veikko
Intovuori

COLREG in national legislation

- ▶ [Decree 30/1977, Amendments](#)
- ▶ [Water Traffic Act 782/2019](#)
- ▶ [Vessel Traffic Service Act 623/2005](#)
- ▶ [Maritime Act 674/1994](#)
- ▶ [Act on Marine Equipment](#)

- ▶ [National regulation on equipment and shapes of watercraft](#)

- ▶ Responsible authorities:
 - ▶ Traficom; ships, exemptions 1(e)
 - ▶ Fintraffic reports in accordance with Vessel Traffic Service Act, 20 §.
 - ▶ Finnish Transport Infrastructure Agency (FTIA)
 - ▶ Finnish Border Guard, Customs, police

COLREG – enforcement, penalties

- ▶ Vessel Traffic Service Act
 - ▶ 28 § Supervision,
 - ▶ 29 § Admonition and Caution

- ▶ Water Traffic Act
 - ▶ 8 § Authorities monitoring water traffic (police, Border Guard, Customs, Traficom)
 - ▶ 120 § Water Traffic Offence
 - ▶ 122 § Imposition of a water traffic penalty fee (police, Border Guard, Customs)
 - ▶ 123 § General violations by the master of a watercraft
 - ▶ 124 § Violation of the speed limit

FBG COLREG Investigations

- Act on Crime Prevention by the Border Guard
 - 8) acts punishable under chapter 20 of the Maritime Act (674/1994) and under Waterway Traffic Act (463/1996) and causing a traffic hazard in waterway traffic referred to in chapter 23, section 1 of the Criminal Code, causing a serious traffic hazard referred to in section 2, waterway traffic intoxication referred to in section 5, relinquishing a vehicle to an intoxicated person referred to in section 8, operation of a vehicle without a licence referred to in section 10 and interfering in traffic referred to in section 11a;
- Norma pre-trial investigation
- Approximately 5-10 investigations / year (commercial traffic)
- All types of vessels included
 - smaller tugboats to larger cargo ships / tankers
- Close co-operation with Traficom
 - Request for statement from expert (usually SCTW competencies and to specify acts in question if not under FBG jurisdiction)
- All pre-trial investigations related to commercial waterway traffic, where foul is suspected, are subject to special maritime prosecutor for consideration of charges

Tonnage in national legislation

- ▶ [Decree 31/1982, 2013 amendment](#)
- ▶ [Act on Technical Safety and Safe Operation of Ships 1686/2009, 63 §](#)
- ▶ [National Regulation on Measurement of Ships](#)

- ▶ Traficom acts as responsible authority in collaboration with ROs and nominated tonnage admeasurers.
 - ▶ Criminal investigations by Finnish Border Guard or police.
- ▶ Penalties 91§, ship safety offence

Load Lines in national legislation

- ▶ [Decree 52/1968, Amendments](#)
- ▶ [Act on Technical Safety and Safe Operation of Ships 1686/2009, 27 §](#)
- ▶ [National Regulation on Load Lines](#) for non-convention ships.

- ▶ Traficom acts as responsible authority in collaboration with ROs.
 - ▶ Criminal investigations by Finnish Border Guard or police.
- ▶ Exemptions reported through GISIS
- ▶ [National interpretations](#)
- ▶ Penalties 91§, ship safety offence

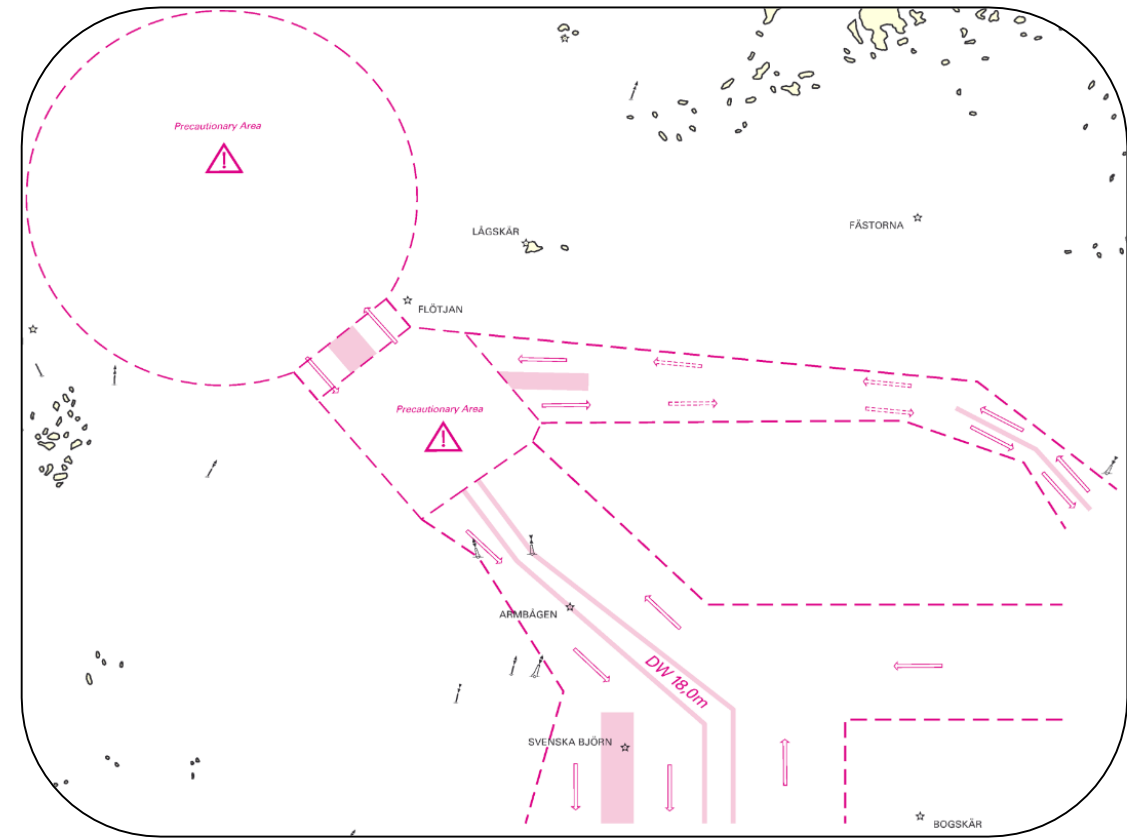
COLREGs – examples of actions by authorities

- ▶ Fintraffic observes a COLREG violation -> reports to Traficom
 - ▶ Traficom acts in accordance with its internal instruction TRAFICOM/38286/00.00.02/2019
- ▶ Temporary suspensions of Traffic Separation Schemes due ice conditions
 - ▶ Fintraffic proposes to FTIA that a suspension is needed
 - ▶ FTIA makes the decision in collaboration with EE and RU or SE
 - ▶ Suspension is communicated by GOFREP or Turku Radio to mariners
 - ▶ Traficom reports to IMO.

Routeing measures (1/3)

A.572(14) – General Provisions on Ships' Routeing

- ▶ Flag States should ensure that their ships comply with routeing systems
 - ▶ Competent Authority: Finnish Transport and Communications Agency
 - ▶ Monitoring and reporting: Finnish Transport Infrastructure Agency and Finntraffic Ltd
- ▶ Flagstate should ensure that ships crew is trained to follow routing regulations
 - ▶ Competent Authority: Finnish Transport and Communications Agency



Routeing measures (2/3) EHDOTUS

A.858(20) – Procedure for the Establishment and Review of Ship's Routeing Systems

- ▶ Flag States should actively participate in the establishment and review of routeing systems
 - ▶ Competent Authority: Finnish Transport and Communications Agency
 - ▶ Monitoring and reporting: Finntraffic Ltd
 - ▶ National Icebreaking Authority: Finnish Transport Infrastructure Agency
- ▶ Mandatory Ship reporting system
 - ▶ MSC.139(76) adopted in accordance with SOLAS reg V11, MRS in the Gulf of Finland (implemented 1.7.2004)
 - ▶ MSC 231(82) adopted amendments to the existing MRS (in force 1.7.2007)
 - ▶ Safety assessment, post evaluation of GOFREP (2017), MSC 98/INF.11
- ▶ Traffic Separation Schemes
 - ▶ Gulf of Finland: Off Kallbådagrund lighthouse, Off Porkkala Lighthouse, Off Hankoniemi - Last amendments adopted MSC87 2010: Colreg.2/Circ.61 2010 (implemented 1.12.2010)
 - ▶ The Åland Sea - New scheme adopted MSC87 2010: Colreg.2/Circ.60 2010 (implemented 1.12.2010)
 - ▶ In Norra Kvarken – New scheme adopted MSC90 2012: Colreg.2/Circ.63 2012 (implemented 1.5.2013)
 - ▶ Temporary suspension of TSS due to ice conditions – Winter Navigation Cooperation Guide
- ▶ The process for monitoring and reporting to IMO could be more systematic. Last report to IMO (*MSC 98/INF.11 4 April 2017, Experience gained from implementation of the mandatory ship reporting system In the Gulf of Finland*)



Routeing measures (3/3)

Current development projects

- ▶ EU funded OpenRisk2 project: Baltic adaptation of the Norwegian AISyRISK tool, including a new module for ice navigation risk
- ▶ Can be used e.g. to monitor risk levels within routing systems



 TRAFFIC	 ACCIDENTS	 FATALITIES
SELECT PERIOD >	SELECT PERIOD >	SELECT PERIOD >
COMPARE PERIODS >	COMPARE PERIODS >	COMPARE PERIODS >
SHOW TRENDS >	SHOW TRENDS >	SHOW TRENDS >

VTS Operational Manual - Incident and accident reporting

2.1.3.1 VTS-, GOFREP- ja ÅTSS-riike- ja poikkeamaraportointi

VTS-keskukset ovat velvollisia raportoimaan kaikki normaalista poikkeavat tilanteet ja tapahtumat, joista saavat ilmoituksen, tai jotka huomataan VTS-tilannekuvasta. Tällaisia tilanteita ja tapahtumia voivat olla esimerkiksi:

- Alusliikennepalvelulain 23 §:ssä¹⁾ mainitut vaaratilanteet ja onnettomuudet, joita ovat esimerkiksi:
 - yhteentörmäämiset, pohjakosketukset, aluksen vauriot ja toimintahäiriöt, koneviat, vuodot, lastin siirtymiset, rungon viat sekä rakenteelliset viat
 - aluksen ohjattavuuteen tai merikelpoisuuteen mahdollisesti vaikuttavat häiriöt
 - aluksen kuljetuskoneistoon, ohjauslaitteisiin, sähköntuotantolaitteisiin taikka navigointi- tai viestintälaitteisiin vaikuttavat viat
- Toimintakäsikirjan luvun [3.2 Ulkoinen poikkeama](#) alaisten toimintaohjekorttien mukaiset tapahtumat
- Ilmoittautumisvelvollisuuden täyttämättä jättäminen²⁾
- Meriteiden sääntöjen rikkomukset²⁾, ks. myös liite [6.3 Ohjeistuksia GOFREP- ja ÅTSS-riikeraportointiin](#)
- Alus on päästänyt öljyä mereen tai muulla tavoin aiheuttanut meren pilaantumista tai jos on perusteltua syytä olettaa näin tapahtuneen¹⁾
- Poikkeamat, jotka koskevat luotsinkäyttövelvollisuuden noudattamista, luotsin ohjauskirjan, linjaluotsinkirjan ja erivapauden käyttöä sekä luotsauspalvelujen tarjoamista³⁾, ks. myös toimintaohjekortti [3.1.5 Luotsaus](#)
- Alusliikenteen tilapäinen ohjaaminen erityistilanteissa⁴⁾ ja alus, jonka saapuminen VTS-alueelle viranomaisen on kieltänyt⁵⁾
- Mikäli aluksen päällikkö ei pysty osallistumaan alusliikennepalveluun tai ei pysty noudattamaan alusliikenteen tilapäiseksi ohjaamiseksi annettuja määräyksiä⁶⁾
- Myöhästynyt tai tiedottamatta jäänyt turvallisuusradion lähetyks.
- Saimaa VTS raportoi lisäksi kanava-alueella tapahtuvat poikkeamat, ks. liite [6.10.2 Tiedonkulku Saimaalla ja Saimaan kanavassa hätätilanteissa](#).
- Muut poikkeavat tilanteet, esim. viranomaisen avustaminen meripelastustoiminnassa.

Tapahtumat, joiden katsotaan aiheuttavan vaaraa merenkululle tai uhan merenkulun tai ihmisten turvallisuudelle tai ympäristölle, raportoidaan myös SafeSeaNet-järjestelmään⁷⁾. Tarkempi ohjeistus tästä löytyy toimintaohjekortista [2.1.3.4 SafeSeaNet-raportointi](#).

VTS Centres are obligated to report all violations and incidents to maritime authorities in accordance with the VTS Act e.g.:

- Any incidents or accidents affecting the safety of the ship, such as collisions, grounding, malfunction, any defects in ship's navigation equipment or communication equipment
- Any circumstances liable to cause pollution of the waters or shore, such as the discharge polluting materials into the sea
- COLREG violations
- The vessel fails to fulfill its reporting duties
- The vessel is unable to participate in the vessel traffic service

Lopetusdia

Täydentävä, mutta lyhyt
lisätietoteksti.