



Swedish Civil
Contingencies
Agency



Three country cross border collaboration with ISI-FINOSE talk groups

Appendix to FISE, FINO and NOSE guidelines





Three country cross border collaboration with ISI-FINOSE talk groups

Introduction

This document is an attachment to the bilateral Cross Border communication guidelines (FINO, FISE and NOSE). FINOSE ISI follows the routines, structures and methods in the Norway/Sweden, Finland/Sweden and Norway/Finland guidelines and agreements.

Our ability to cooperate during cross border accidents, crises and events is strengthened by connecting the networks between Finland (Virve), Norway (Nødnett) and Sweden (Rakel). First responders and other organisations communicate and cooperate daily with colleagues in neighbouring countries. Robust and secure radio communication enables first responders to handle incidents faster and more efficient. This document describes three country co-operation through common talk groups.

Criteria for using FINOSE ISI

Access to FINOSE ISI services follows the routines, structures and methods in the Norway/Sweden, Finland/Sweden and Norway/Finland bilateral ISI-services. Approved users for the bilateral ISI services are automatically provisioned the corresponding three country talk groups. Migration of radio terminals is part of the bilateral agreements.

The FINOSE-CO talk groups can be used by all responder organisations for communication and cooperation when resources and reinforcements from the neighbouring country are required to manage an incident. The FINOSE-CO talk groups can also be used for national cooperation for those that don't have access rights for the migration service.

How ISI works in the three countries

How ISI works

Each FINOSE talk group and INT (national/local) talk group is created separately to each TETRA network. FINOSE talk groups are then connected over ISI and INT talk groups are national, speech sent to a FINOSE talk group is delivered to all three networks.

Usage rights of talk groups

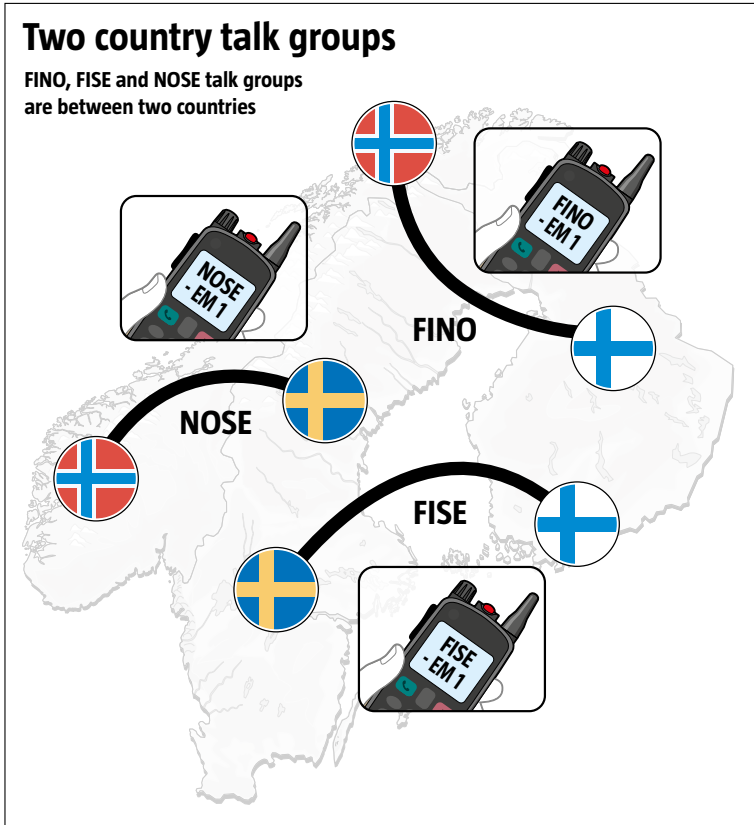
Each FINOSE talk group is configured to each network and has usage permission definitions. FINOSE-CO talk groups are open for all users in all three networks.

Two country talk groups

FINO, FISE and NOSE talk groups are used between two countries. Separate guidelines have been produced to explain the usage of the bilateral talk groups and this document does not explain how to use FINO, FISE and NOSE talk groups.

Two country talk groups

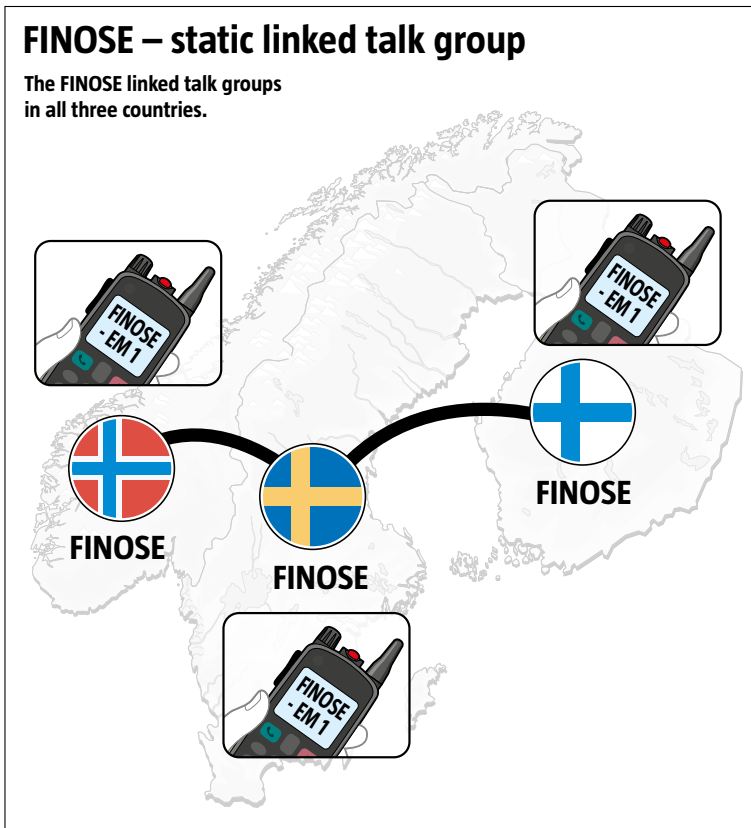
FINO, FISE and NOSE talk groups are between two countries



Three country talk groups FINOSE

FINOSE – static linked talk group

Finland-Norway-Sweden: FINOSE talk groups are available for use in all Three countries. The routines stated by the bilateral cross border communication guidelines (FISE, FINO and NOSE) should be followed.



The speech in FINOSE talk groups is relayed to and audible in all three countries simultaneously.

FINOSE ISI-linked Talk Groups

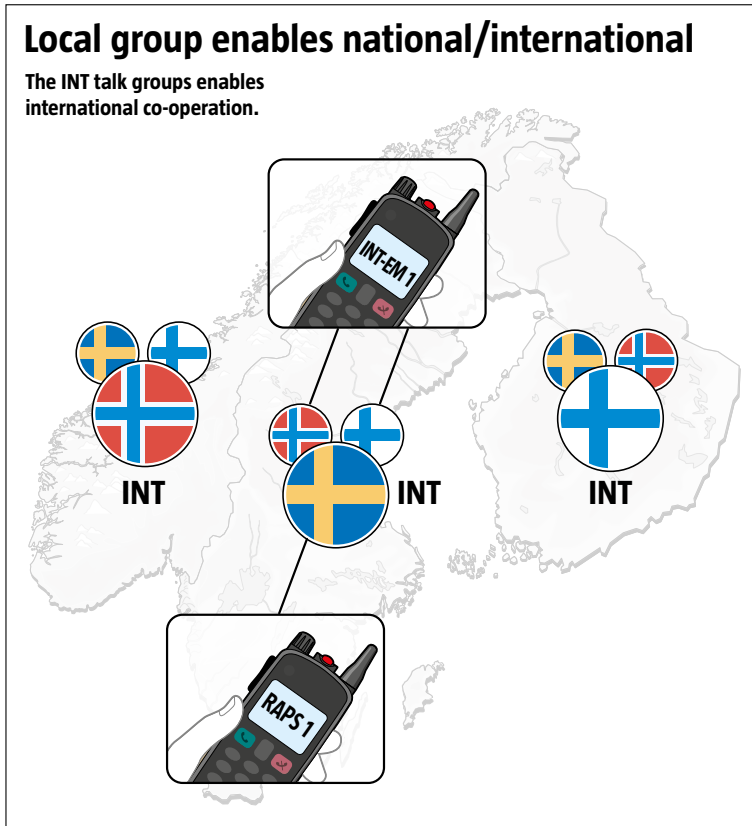
- FINOSE-AUT 1-3 (Finland Norway Sweden – Authority).
- FINOSE-GOV 1-3 (Finland Norway Sweden – Government).
- FINOSE-EM 1-9 (Finland Norway Sweden – Emergency).
- FINOSE-CO 1-9 (Finland Norway Sweden – Cooperation).
- FINOSE-SAR 1-9 (Finland Norway Sweden – Search and Rescue).
- FINOSE-PSAP 1 (Finland Norway Sweden – Control room).

International (INT) talk groups not static linked (Local/national talk groups)

The INT talk groups have been created to enable international cooperation within a country. All three countries have such talk groups available. Note that these groups do not transmit speech to other countries.

Note: There is two ways to use INT talk groups. Either all participants use the INT talk group when cooperating or the INT talk group can be combined with a national talk group.

Example: If Swedish first responders in Sweden use RAPS 1 (similar to MOVI and BAPS), then visiting responders will use INT-EM 1. INT-EM 1 is group combined with RAPS 1.



INT talk groups are open for permitted visiting users. The audio is only available in host country.

International Local/national talk groups

- INT-EM 1-8 (International Emergency).
- INT-CO 1-8 (International Cooperation).
- INT-SAR 1-8 (International Search and Rescue).
- INT-P 1-8 (International Police).
- INT-H 1-8 (International Health).
- INT-F 1-8 (International Fire).

Functionalities

Numbering and selection of FINOSE talk groups

FINOSE talk groups work the same way in all countries so that users can use any of them.

FINOSE talk groups are controlled either by Rakel or Virve.

The list below exemplifies different FINOSE-CO talk groups with responsible country.

MNEMONIC	CSWMI
FINOSE-CO-1	Rakel
FINOSE-CO-2	Virve
FINOSE-CO-3	Virve
FINOSE-CO-4	Rakel
FINOSE-CO-5	Virve
FINOSE-CO-6	Virve
FINOSE-CO-7	Rakel
FINOSE-CO-8	Virve
FINOSE-CO-9	Virve

It is preferable to use talk groups controlled by Rakel when using FINOSE-talk groups in Sweden or in Norway.

Text messaging

FINOSE doesn't support talk group text message. Read more about text messaging in the NOSE, FISE, FINO guidelines.

Direct mode

EURO-DMO has been defined to support direct mode in cross border activities. Please see the bilateral guidelines for more information.

Service management

All requests about the ISI services are handled according to the bilateral agreements.

A collaboration between:



Swedish Civil Contingencies Agency (MSB)
SE-651 81 Karlstad Phone +46 (0)771-240 240 www.msb.se/en
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