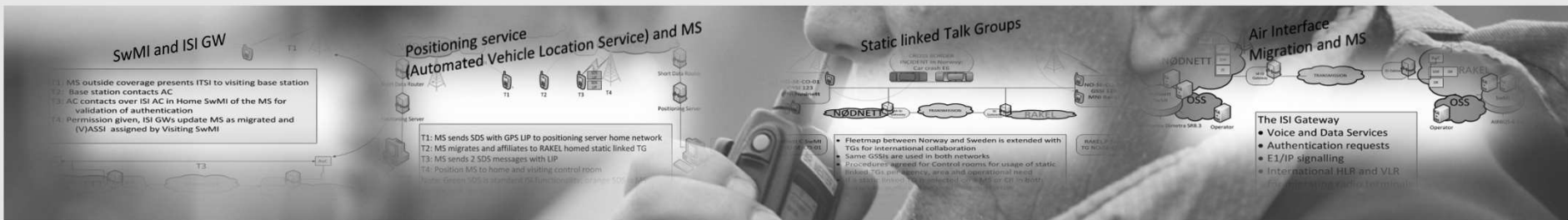




Radio Terminals – ISI

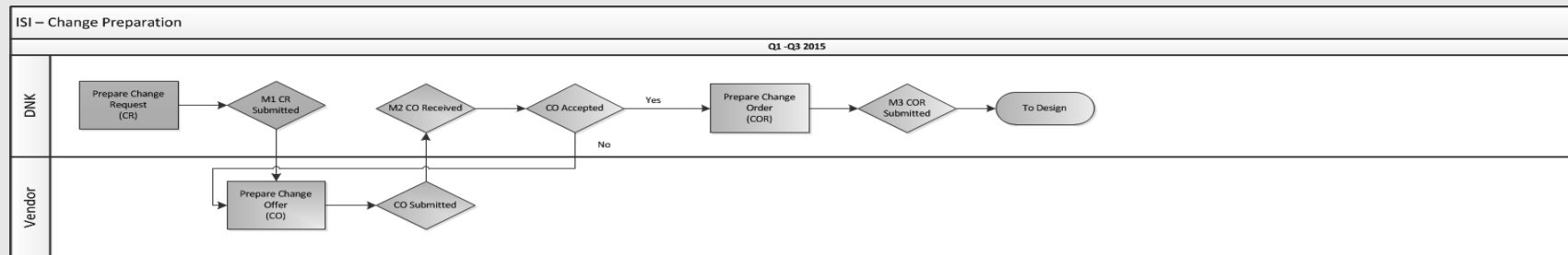
Status 24.09.2015



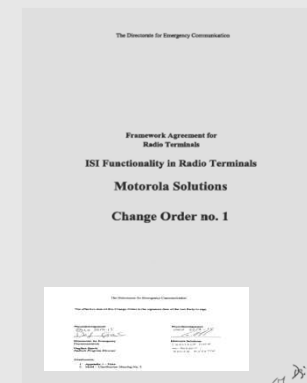
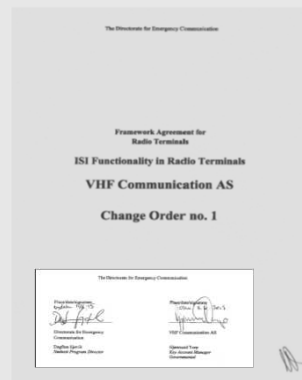
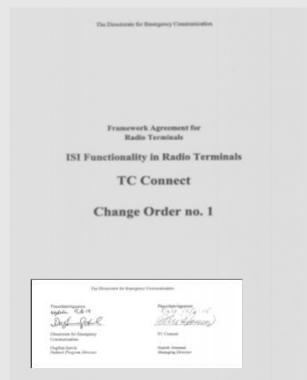
ISI enabled radio terminals

- Radio Terminal Requirements for ISI
 - 21 requirements compiled by DNK and MSB, May 2014
- Most important functions:
 - Air Interface Migration (req #1)
 - Use of full ITSI (req #4)
- DNK and MSB have the goal that all radio terminals used in Nødnett and Rakel can migrate.
- DNK and MSB has different approaches towards Vendors for acquiring ISI functionality in Radio Terminals
- Motorola and Airbus will offer all radio terminal suppliers the possibility for ISI IOP testing.

Status Radio Terminals – ISI

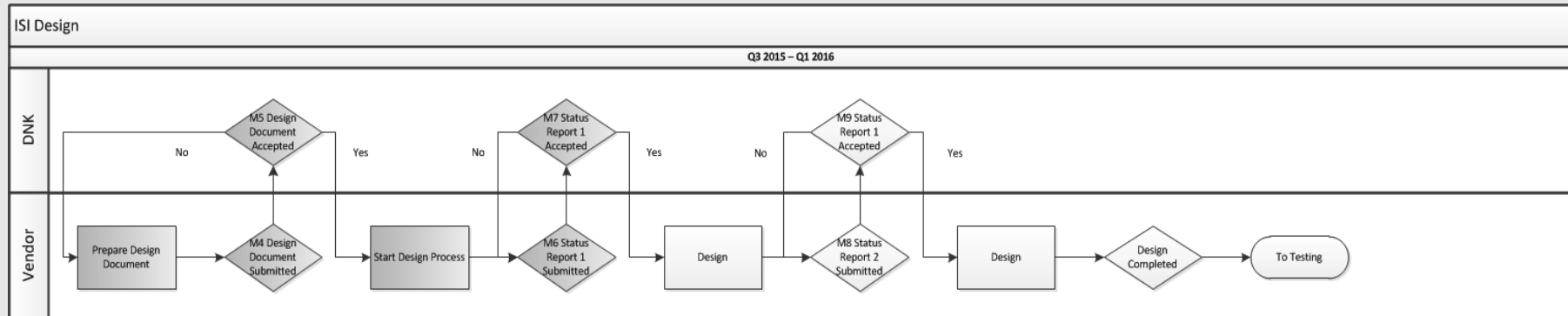


- First Phase completed
 - All three Vendors have signed Change Orders



Sikker kommunikasjon når det gjelder **Nødnett**

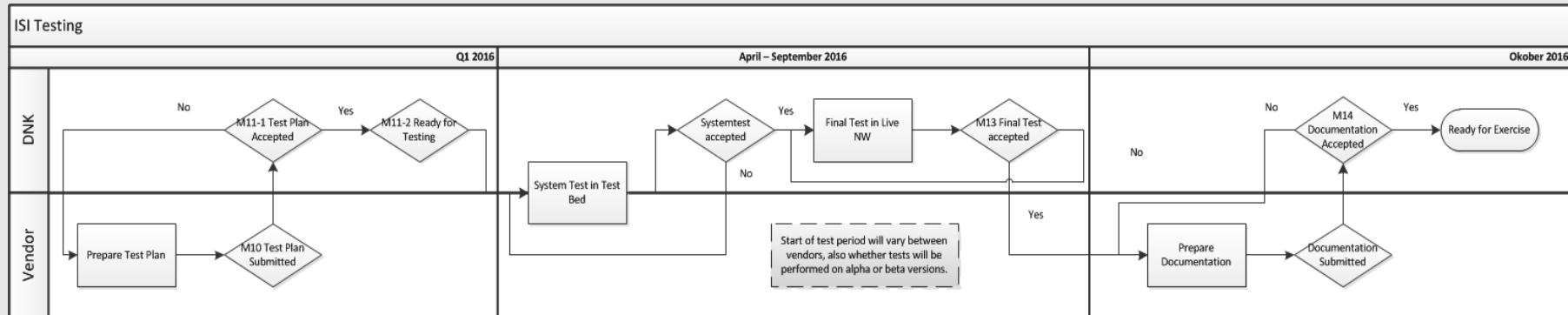
Ongoing activities (Design Process)



- **Status**

- One Vendor has reached Milestone M7 (Status Report 1 Accepted)
- One Vendor will submit their Design Document by the end of 09/2015 (M4)
- One Vendor will submit their Design Document Q4/2015 (M4)

Upcoming Activities (Test Process)



- Main activities
 - Preparation of Test Plan
 - Acceptance of Test Plan
 - System test in Test Bed (Reference System)
 - Testing of ISI features by Vendors; facilitated and supported by DNK (not commercial version)
 - Testing of ISI features in Live Network performed by DNK
 - Commercial or beta version of SW depending on Vendor
 - Documentation and released for Exercise
 - Commercial or beta version of SW depending on Vendor
 - Release of Commercial version if not available at the time of the Exercise (12/2015) (one Vendor)

The Swedish perspective

**How to change something you
don't own.**

Conditions

- User organisations own their hardware.
- The framework agreement with terminal vendors in most cases owned by Kammarkollegiet.
- MSB owns the network.

The Process

- User forums to establish their needs and wants for ISI based on the methods.
- Discussions with terminal manufacturers to translate user requirements to technical solutions.

Lessons learned

- Method rules over Technology
- The terminal must be able to change behaviour when migrated
- New functionality in the network can create costs for the users in form of software upgrade and sometimes even hardware.