Service Following

Preserving the listening experience

WorldDAB Automotive Event

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Panelists

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What is Service Following?

Link together transmissions of the **same** or **similar** programmes so that a listener does not have to manually retune when moving between coverage areas.

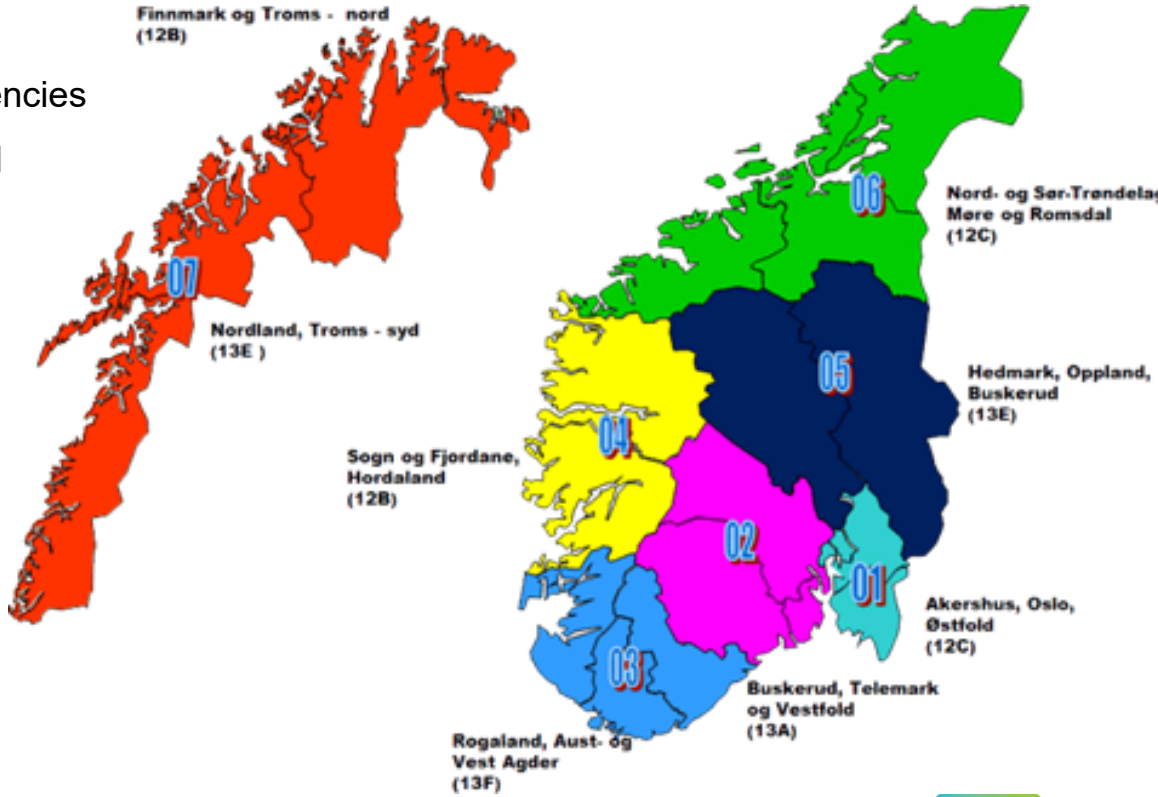
Synonymous with existing functionality in FM using PI code alignment and AF (Alternative Frequencies).

Implementation of Service Following is important so that listeners do not experience a **regression** of experience when moving to DAB from FM

Examples of Service Following

Norway - Regional NRK ensembles

- 7 regional ensembles with different frequencies
- Each region has one or more regionalized versions of the service NRK P1
- Each region has its own Traffic station
- All other stations are similar in all regions



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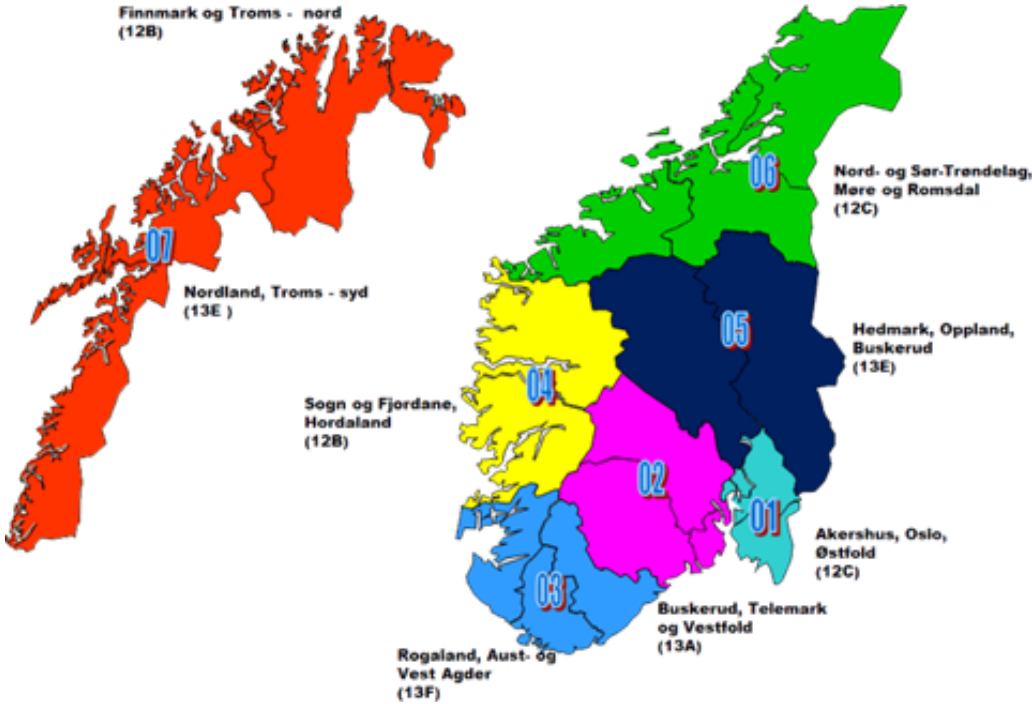
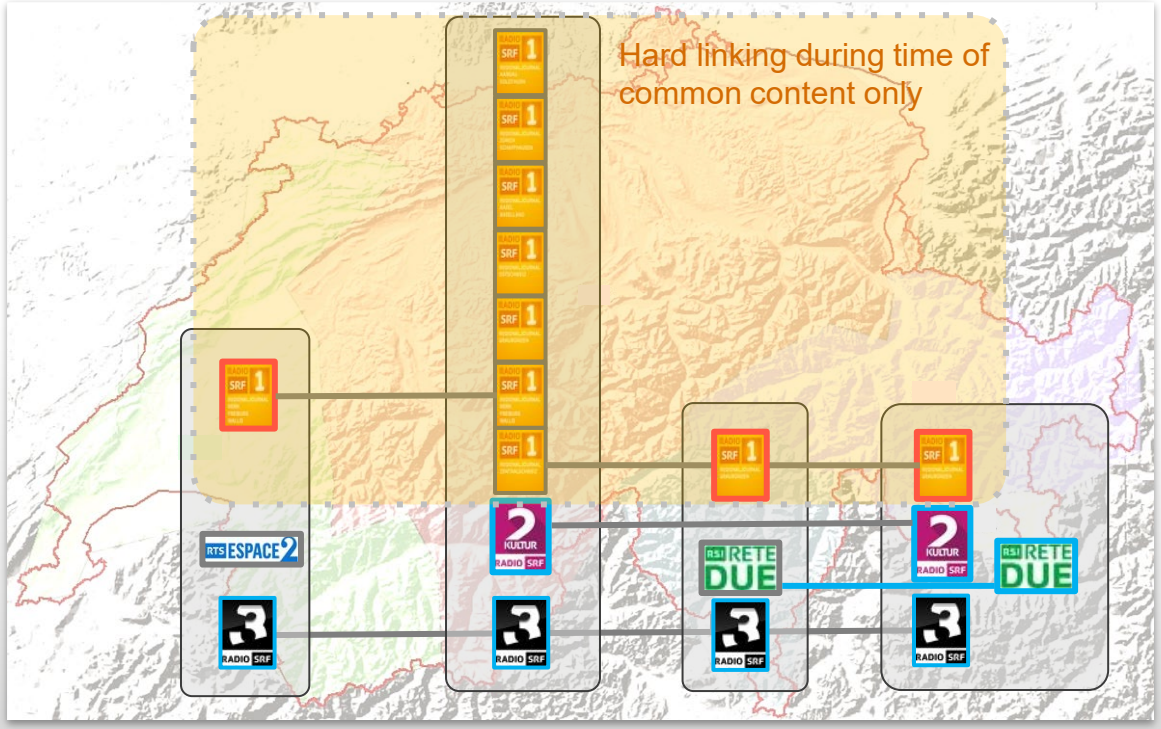
Implicit linking

- National services have the same Service Id in all regions.
- Before FM switch-off all DAB Service IDs were aligned with RDS PI codes.



Service Following for Swiss SRG radio stations
Selection of use cases as implemented today



SRF1 regional Content

SRF 1 language exchange

SRF 2 same services

RSI 2 same services

SRF 3 same services

implicit linking DAB+ / FM
same service DAB+

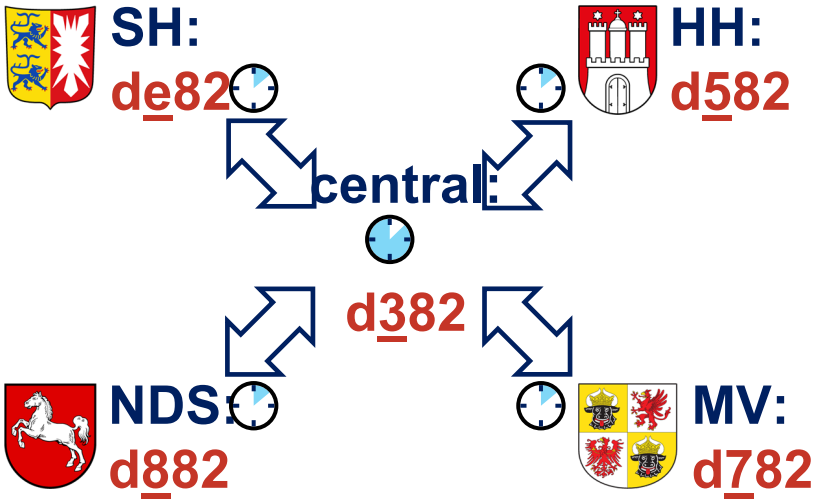
Hard linking linkage set

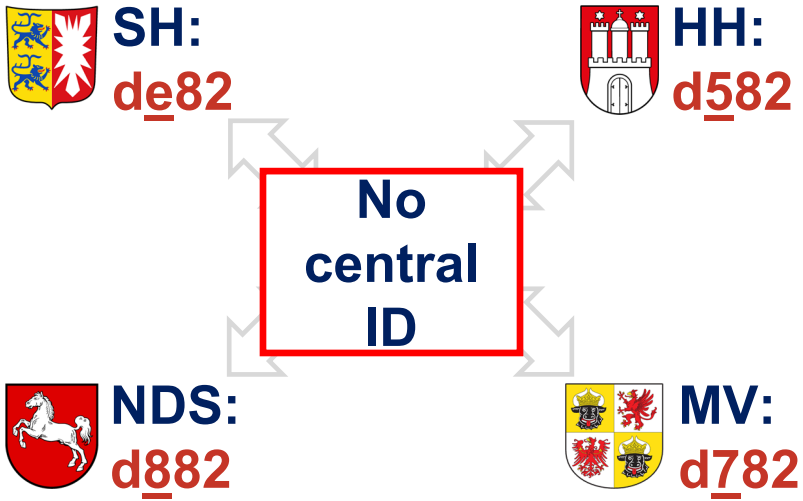
Regionale PI-Codes und Service-IDs

R·D·S

NDR 2

DAB+

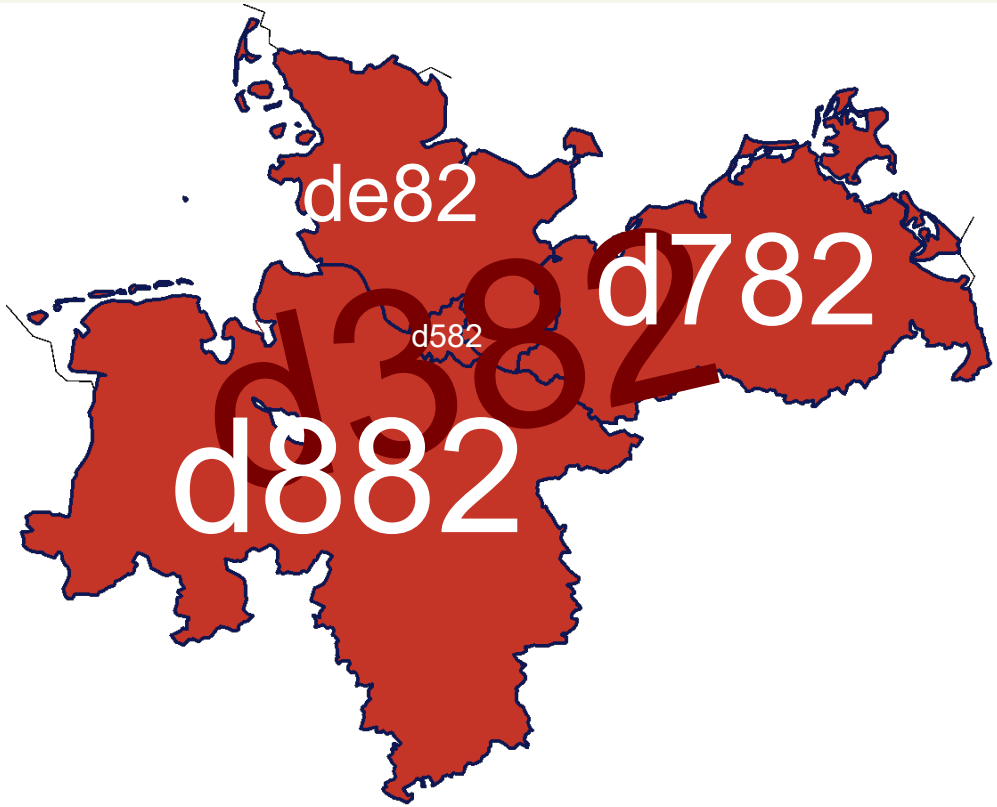




R·D·S

PI-Codes

NDR 2



1. country
- d = Germany

2. region
- 3 = central program
- 5 = HH
- 7 = MV
- 8 = NDS
- e = SH

3. & 4. program
- _1 = NDR 1
- **82 = NDR 2**
- 83 = NDR Kultur
- 84 = NDR Info
- 85 = N-JOY
- 54 = NDR Blue
- 87 = NDR Plus

DAB+ Service IDs

NDR 2

1. country
- d = Germany

2. region
- 5 = HH
- 7 = MV
- 8 = NDS
- e = SH

3. & 4. program
- _1 = NDR 1
- **82 = NDR 2**
- 83 = NDR Kultur
- 84 = NDR Info
- 85 = N-JOY
- 54 = NDR Blue
- 87 = NDR Plus

R·D·S

PI-Codes

NDR 1 Welle Nord

NDR 90,3

NDR 1 Radio MV

NDR 1 Niedersachsen

1. country
- d = Germany

2. Region
- 3 = central program
- 4 = capital of state
- 5…8 = supraregions

3. state
- 5 = HH
- 7 = MV
- 8 = NDS
- e = SH

4. Program
- **_1 = NDR 1**
- 82 = NDR 2
- 83 = NDR Kultur
- 84 = NDR Info
- 85 = N-JOY

Questions

What are the benefits and risks of Service Following?

How do you differentiate between Hard and Soft Link behaviours?

Should regulators be involved with Service Following?

Put your question to the panel
https://sli.do
Conference code is **S146**

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