

# Proposals for Potential Interference Detection

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Purpose:

Introduce proposals proposed in interference management ad hoc for further consideration

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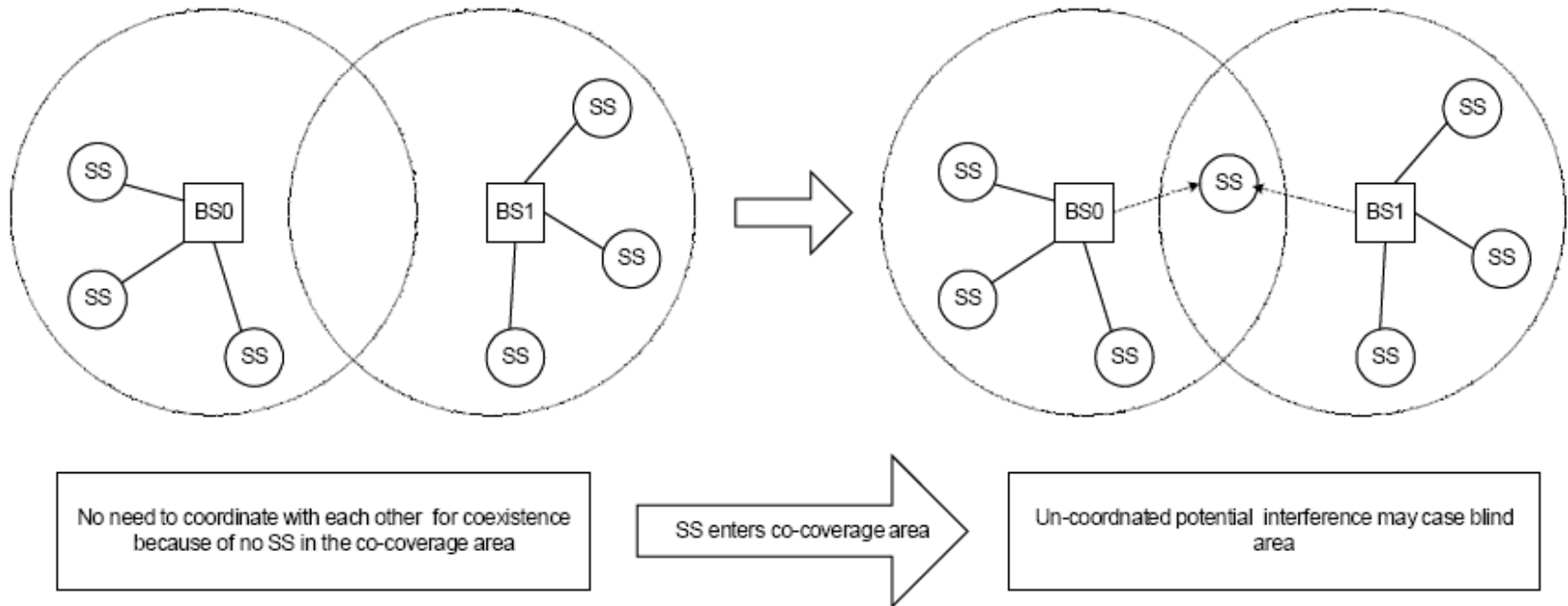
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# Outline

- Main topic in interference management ad hoc group
- Consistent Opinions
- Proposals have been discussed in ad hoc group
- Conclusion

# Main topic in interference management ad hoc group

- Interference detection is via the help of SSs in co-coverage area
- Undetected potential interference may cause blind area
- SSs in blind area can't enter network



# Consistent Opinions

- Potential interference should be detected and solved first
- A periodic quiet slot should be reserved for SSs in blind area

Proposals have been discussed in ad hoc group

- **Use DL CMI channel for detecting interference and UL CMI channel for reporting interference**
  - **feasibility** needs to be considered
- **Reserve a zone during master sub-frame**
  - May be inefficient
- **System works on more than one channel**
  - May be complex

# Conclusion

- Select one of schemes proposed in ad hoc or
- Continue the ad hoc

Thank

John, Mariana, Avi ,Xuyong,  
Jiezhen