

Summary of 802.20 proposals and relationships between them

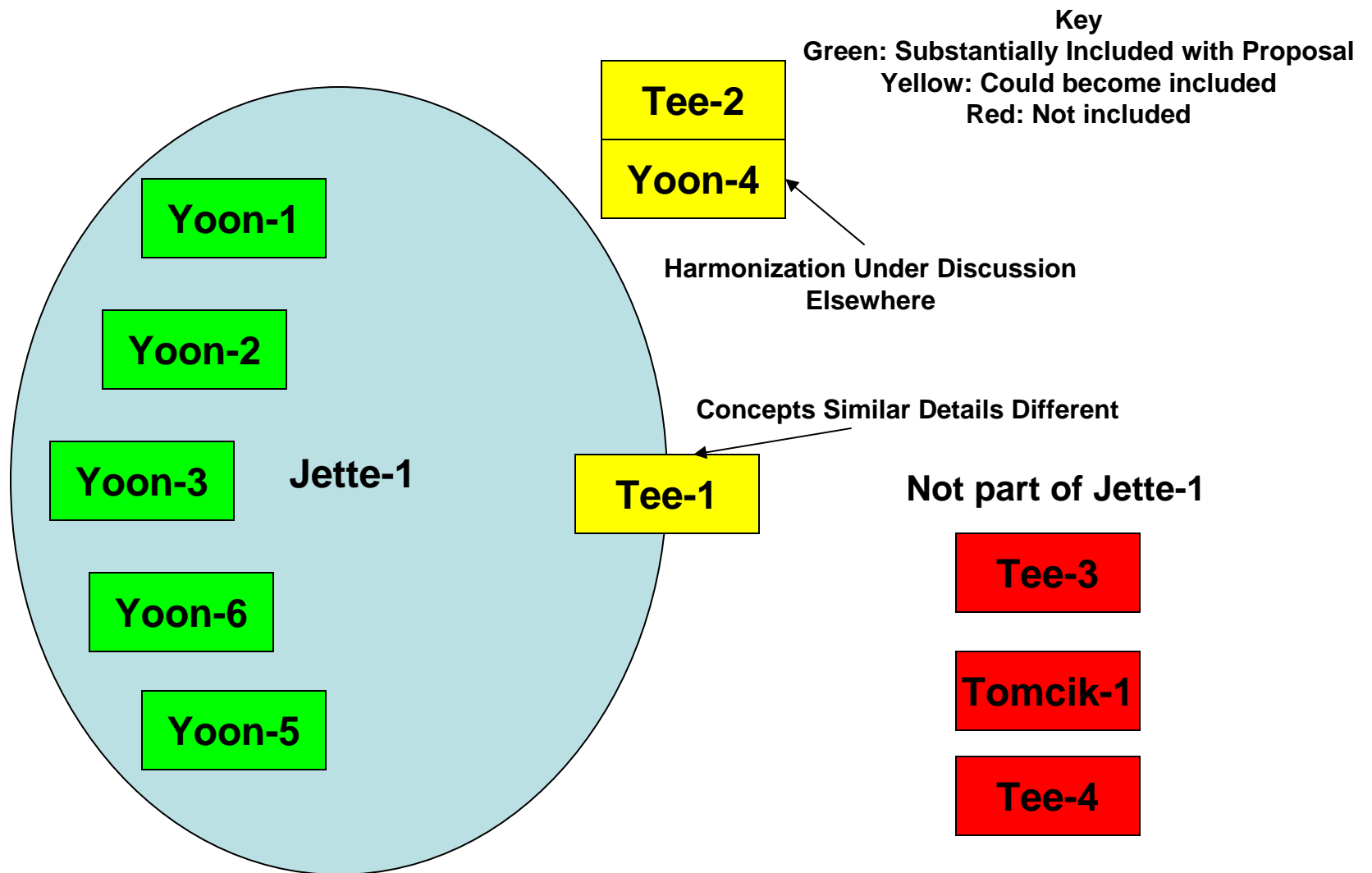
March 13, 2007

Proposals Received

- **Complete Proposal**
- Jette-1: Harmonization with UMBFDD
- **Partial Proposals**
- Tee-1: 07-19 Channel Multiplexing
- Tee-2: 07-16 (and 3 others contributions) LDPC Codes
- Tee-3: 07-xx Flexible Quasi Guard Subcarriers
- Tee-4: 07-yy IRA Codes for Short Blocks
- Yoon-1: 07-23 Silence Interval Offsets
- Yoon-2: 07-23 SSACH – (Also known as PDCAM?)
- Yoon-3: 07-23 SSCHACKCH
- Yoon-4: 07-23 Flexible LDPC Code
- Yoon-5: 07-23 MIMO
- Yoon-6: 07-23 Interlace Switching
- Tomcik-1: 07-21 RF Performance Parameters

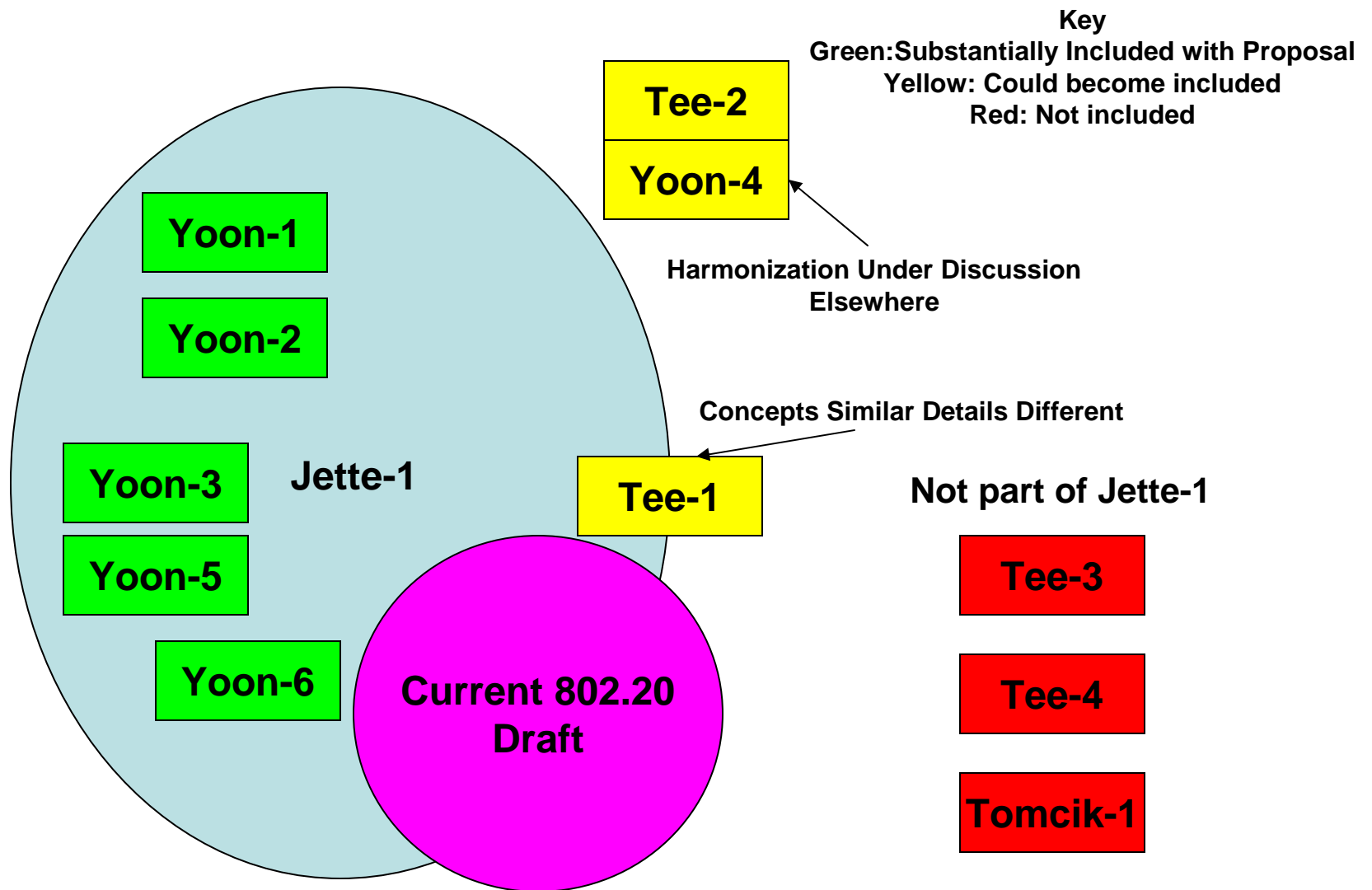
Relationships between Proposals

Note: No Scale Implied – Only Relationships



Relationships to the Draft

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Suggested plan for 802.20 Proposals

- **Harmonize 802.20 FDD with Jette-1**
 - Substantially Satisfies Yoon-1, Yoon-2, Yoon-3, Yoon-5, Yoon-6
- **Accept Tee-1 with details as specified in Jette-1**
 - Satisfies Tee-1 functionality
- **Defer Tee-2 and Yoon-4**
 - Until LDPC Harmonization Completes, then harmonize result in ballot
- **Accept Tomcik-1 (!!)**
- **Reject Tee-4**
 - No rate-compatible design provided.
 - No performance results on fading channels
- **Adjust 802.20 TDD Wideband Mode as needed**

What about TEE-3???

- The flexibility proposed in TEE-3 could also be considered included without additional work!
 - Why this is so...
 - “Multicarrier mode” does not apply to Jette-1, but...
 - There is “multicarrier operation” in Jette-1
 - If the service provider transmits each carrier at an appropriate center frequency and configures it with different number of guard subcarriers, then
 - Service provider can achieve a flexible carrier spacing and guard subcarrier flexibility
- Tee-3 is satisfied in spirit!

Proposed final status of the Draft

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