Harmonization Adhoc Report

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Purpose:

Update to 802.16e TG on progress made by the Harmonization Adhoc group

IEEE 802.16e: Harmonization Adhoc Report

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Harmonization Adhoc Background

- Adhoc was recommended and approved at the Portland meeting
- Open to all TG members
- Goal: Deliver consensus text for inclusion in 802.16e draft related to
  - Idle and sleep modes, handover (including SHO/FBSS), paging, scanning, association, ranging, NBR-ADV, MBS
  - Scope was limited to current letter ballot recirculation

- Most of the work since was done via regular conference calls and email reflector discussions
  - Adhoc contributions at http://harmony.wirelessman.org

Consensus Contributions

Contribution Number	Description
C80216e-04_297r1	Enhanced paging with assigned ranging code
C80216e-04_280r1	Enhancements on Neighbor Advertisement message
C80216e-04_245r1	Idle mode harmonization
C80216e-04_330	Sleep mode supporting periodic ranging with compressed format of SLP ID field in MOB_TRF-IND
C80216e-04_271	Enhancement to normal mode to sleep mode transition
C80216e-04_304	Enhancement of Association using SCAN REQ/RSP

Contributions that were harmonized but not marked as Consensus

Contribution Number	Description
C80216e-04_359r1	MBS Harmonization
C80216e-04_320r2	PHY Profile ID
C80216e-04_281	Fast paging and broadcast configuration update indication
C80216e-04_332	Fast anchor BS switching feedback report mechanism and sleep mode support for SHO and FBSS

Other Contributions Proposed to Adhoc but no decision made

Contribution Number	Description
C80216e-04_305r1	Fast DCD/UCD synchronization for sleep mode MSS
C80216e-04_300r1	Enhanced initial ranging and BW request ranging
C80216e-04_250r1	A method of shortening the duration of scanning neighbor BSs
C80216e-04_353r2	Compression of neighbor BS ID using MOB_NBR-ADV message
C80216e-04_306	Load balancing in initial entries and handovers in multi FA systems