Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**Replacement TSS&TP Section 6.5.6**
Date Submitted	**2003-03-04**
Source(s)	Ken Stanwood Voice: +1 858 404 6559 Ensemble Communications Fax: +1 858 458 9860 9890 Towne Centre Dr. mailto:ken@ensemble.com San Diego, CA 92121
Re:	1802.16.2-03/01 Call for comments and contributions regarding C1802.16.2-03/01r1.
Abstract	Edited Structure Section to be more in line with rest of document.
Purpose	Replace current section 6.5.6
Notice	This document has been prepared to assist IEEE 802.16. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.
Release	The contributor grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE's name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE's sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that this contribution may be made public by IEEE 802.16.
Patent Policy and Procedures	The contributor is familiar with the IEEE 802.16 Patent Policy and Procedures <http://ieee802.org/16/ipr/patents/policy.html>, including the statement "IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard." Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair <mailto:chair@wirelessman.org> as early as possible, in written or electronic form, if patented technology (or technology under patent application) might be incorporated into a draft standard being developed within the IEEE 802.16 Working Group. The Chair will disclose this notification via the IEEE 802.16 web site <http://ieee802.org/16/ipr/patents/notices>.

Replacement TSS&TP Section 6.5.6

Ken Stanwood
Ensemble Communications

0.0.1 Reset and Re-Registration- BS

0.0.1.1 Capabilities

Table 1 Reset and Re-Registration **- Capabilities**

TP/BS/RER/RES/CA-000	Reference: Initial condition: Base Station is operational. At least 1 SS is operational. At least one bi-directional service active. Stimulus: Network management stimulated request to reset the SS. Expected behavior: BS sends the RES-CMD on the SS's basic CID. BS successfully accepts re-entry to the system by the SS. Service is disrupted then resumes.
TP/BS/RER/RES/CA-001	Reference: Initial condition: Base Station is operational. At least 1 SS is operational. At least one bi-directional service active. Stimulus: Network management stimulated request to deregister the SS telling it to go to another channel (action code 0x00). Expected behavior: BS sends the DREG-CMD on the SS's basic CID. Service is terminated.
TP/BS/RER/RES/CA-002	Reference: Initial condition: Base Station is operational. At least 1 SS is operational. At least one bi-directional service active. Stimulus: Network management stimulated request to deregister the SS telling it to wait for a RES-CMD (action code 0x01). Expected behavior: BS sends the DREG-CMD on the SS's basic CID. Service is disrupted.
TP/BS/RER/RES/CA-003	Reference: Initial condition: End of TP/BS/RER/RES/CA-002 Stimulus: Network management stimulated request to reset the SS. Expected behavior: BS sends the RES-CMD on the SS's basic CID. BS successfully accepts re-entry to the system by the SS. Service resumes.

Table 1 Reset and Re-Registration **- Capabilities**

TP/BS/RER/RES/CA-004	Reference: Initial condition: Base Station is operational. At least 1 SS is operational. At least one bi-directional service active. Stimulus: Network management stimulated request to deregister the SS telling it to go to listen only mode (action code 0x02). Expected behavior: BS sends the DREG-CMD on the SS's basic CID. Service is disrupted.
TP/BS/RER/RES/CA-005	Reference: Initial condition: End of TP/BS/RER/RES/CA-004. Stimulus: Network management stimulated request to re-register the SS (action code 0x03). Expected behavior: BS sends the DREG-CMD on the SS's basic CID. Service resumes.

0.0.1.2 Valid Behavior

There are no BV category tests for Reset and Re-registration at the BS.

0.0.1.3 Invalid Behavior

There are no BI category tests for Reset and Re-registration at the BS.

0.0.1.4 Inopportune Behavior

There are no BO category tests for Reset and Re-registration at the BS.

0.0.1.5 Timer

There are no TI category tests for Reset and Re-registration at the BS.

0.0.1.6 Message Formats

For all TP/BS/RER/RES tests ensure that messages transmitted by the BS contain the correct parameters in the correct order.