Project	**IEEE 802.20 Working Group on Mobile Broadband Wireless Access** <http://ieee802.org/20/>
Title	**Proposed Inputs to 802.18 for IMT.Advanced**
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Re:	Requested Inputs from 802.18 regarding IMT Advanced
Abstract	This contribution proposes 802.20 inputs for 802.18 consideration regarding ITU IMT Advanced.
Purpose	For consideration of 802.20 in response to inputs request from 802.18 regarding ITU IMT Advanced.
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Introduction

The IEEE 802.18 TAG is seeking input from all interested 802 Working Groups toward the development of a contribution to ITU-R Working Party 8F on Requirements for IMT-Advanced.
The 802.20 Chair issued a call for contributions on February 20, 2007, regarding proposed technical requirements and any other appropriate content that should be proposed by 802.20 for an overall IEEE 802 contribution on requirements for IMT-Advanced.

Proposed Technical Requirements Contribution to 802.18

The proposal is that the 802.20 Working Group submit the approved Systems Requirements document to the 802.18 TAG for consideration in the harmonization/consolidation of a requirements input to ITU-R Working Party 8F on Requirements for IMT-Advanced.

The Systems Requirements document is posted at:
http://www.ieee802.org/20/P_Docs/IEEE%20802.20%20PD-06r1.doc

Given there is not yet a template for the IMT-Advanced requirements, the complete document should be viewed as an input. If the proposal is adopted by the Working Group, volunteers should be identified to attend the 802.18 meeting and present the input.

Proposed Additional Material for 802.18

The proposal is that the 802.20 Working Group also submit the approved Channel Models document to the 802.18 TAG for consideration in the harmonization/consolidation of inputs to ITU-R Working Party 8F on methodologies for IMT-Advanced. The 802.20 Channel Models document represents a state of the art approach to modeling both SISO and MIMO channels, and proposes a methodology to relate the two types of channel models.

The Channel Models document is posted at:

http://www.ieee802.org/20/P_Docs/IEEE%20802.20%20PD-08.doc

Given there is not yet a template for the IMT-Advanced methodology and modeling, the complete document should be viewed as an input. If the proposal is adopted by the Working Group, volunteers should be identified to attend the 802.18 meeting and present the input.