

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	<b>Text for Resolution of Session 18 Comments #777, #897, #898, #916</b>	
Date Submitted	<b>2002-03-18</b>	
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Re:	Session 18 Comment Resolution.	
Abstract	At session 18, the author was charged by the TGa MAC group to provide text for inclusion in IEEE P802.16a/D3-2002 to resolve comments #777, #897, #898, #916 . This document contains that text.	
Purpose	Text for inclusion in IEEE P802.16a/D3-2002.	
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## Text for Session 18 Comment Resolution

*Bob Nelson  
Raze Technologies*

### **Comment #777**

*Insert the following definition in clause 3 (D2 page 20) at the appropriate location:*

**3.x ARQ Fragment:** A distinct unit of data that is carried on an ARQ-enabled connection. Such a unit is assigned a sequence number, and is managed as a distinct entity by the ARQ state machines. An ARQ fragment may be a complete SDU or may be a portion of an SDU that has been partitioned in accordance with the MAC rules for SDU fragmentation.

### **Comment #897, #898, #916**

*Replace the paragraphs between lines 12 and 24, page 52 with the following:*

The actions to be taken by the transmitter state machine when an ARQ Reset Message is received are provided in Figure 6.xx, ARQ Reset Message Dialog – Receiver Initiated. The actions to be taken by the transmitter state machine when it wants to initiate a reset of the receiver ARQ state machine are provided in Figure 6.xx, ARQ Reset Message Dialog – Transmitter Initiated.

Initiating a reset of the ARQ state machines shall be undertaken as a final response to abnormal conditions such as fragments being discarded at a high rate. The precise conditions when to initiate a reset are out of the scope of the standard and left to the discretion of each implementation.

*Replace the paragraphs between lines 17 and 29, page 54 with the following:*

The actions to be taken by the receiver state machine when an ARQ Reset Message is received are provided in Figure 6.xx, ARQ Reset Message Dialog – Transmitter Initiated. The actions to be taken by the receiver state machine when it wants to initiate a reset of the transmitter ARQ state machine are provided in Figure 6.xx, ARQ Reset Message Dialog – Receiver Initiated.

Initiating a reset of the ARQ state machines shall be undertaken as a final response to abnormal conditions such as repeated synchronization loss or a high rate of reception of fragments outside the active receive window. The precise conditions when to initiate a reset are out of the scope of the standard and left to the discretion of each implementation.

*Insert the figures on the following pages at a “convenient” location near the above text references (they were built and can be edited with Word PowerPoint editor):*

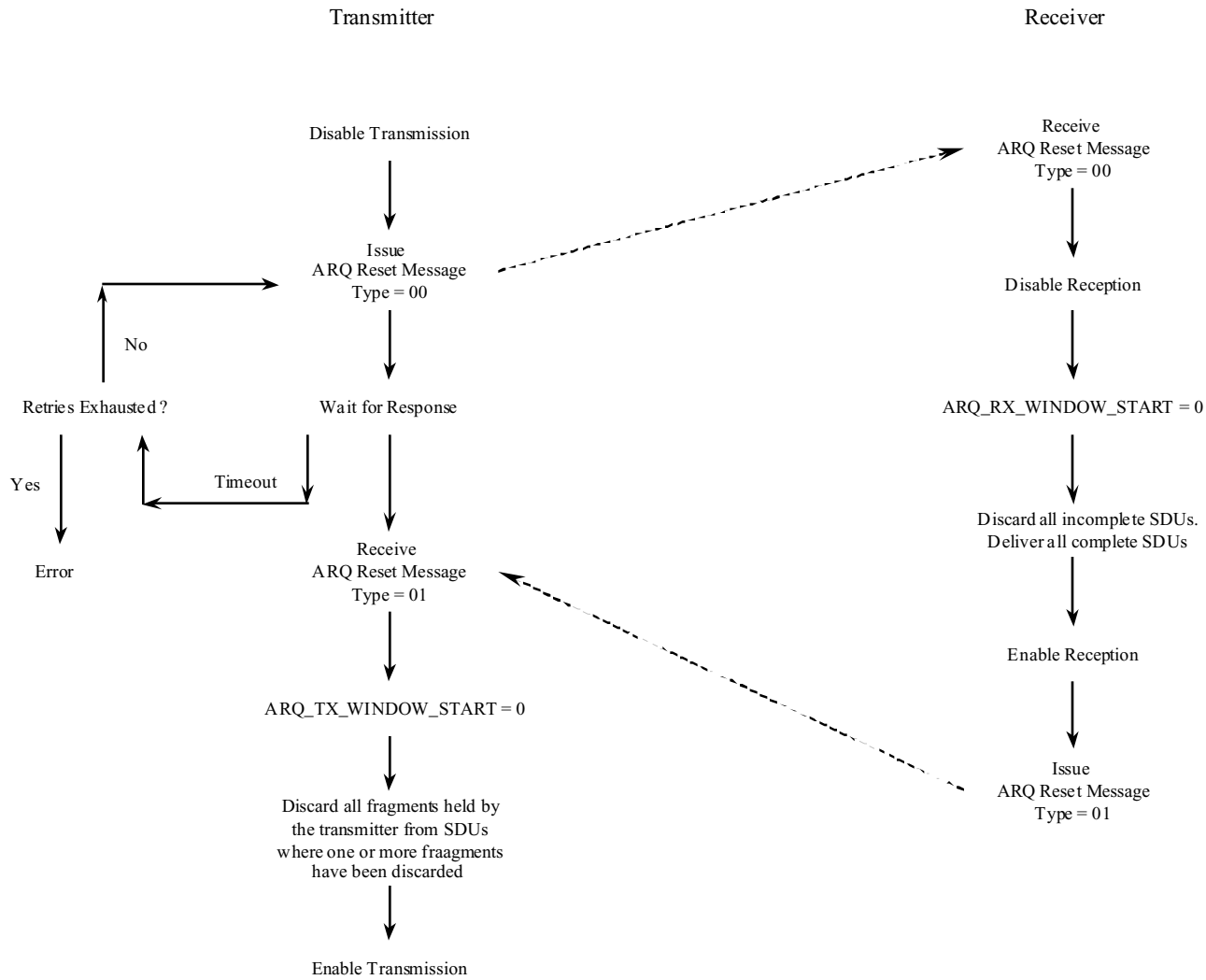


Figure 6.xxx -ARQ Reset Message Dialog—Transmitter Initiated

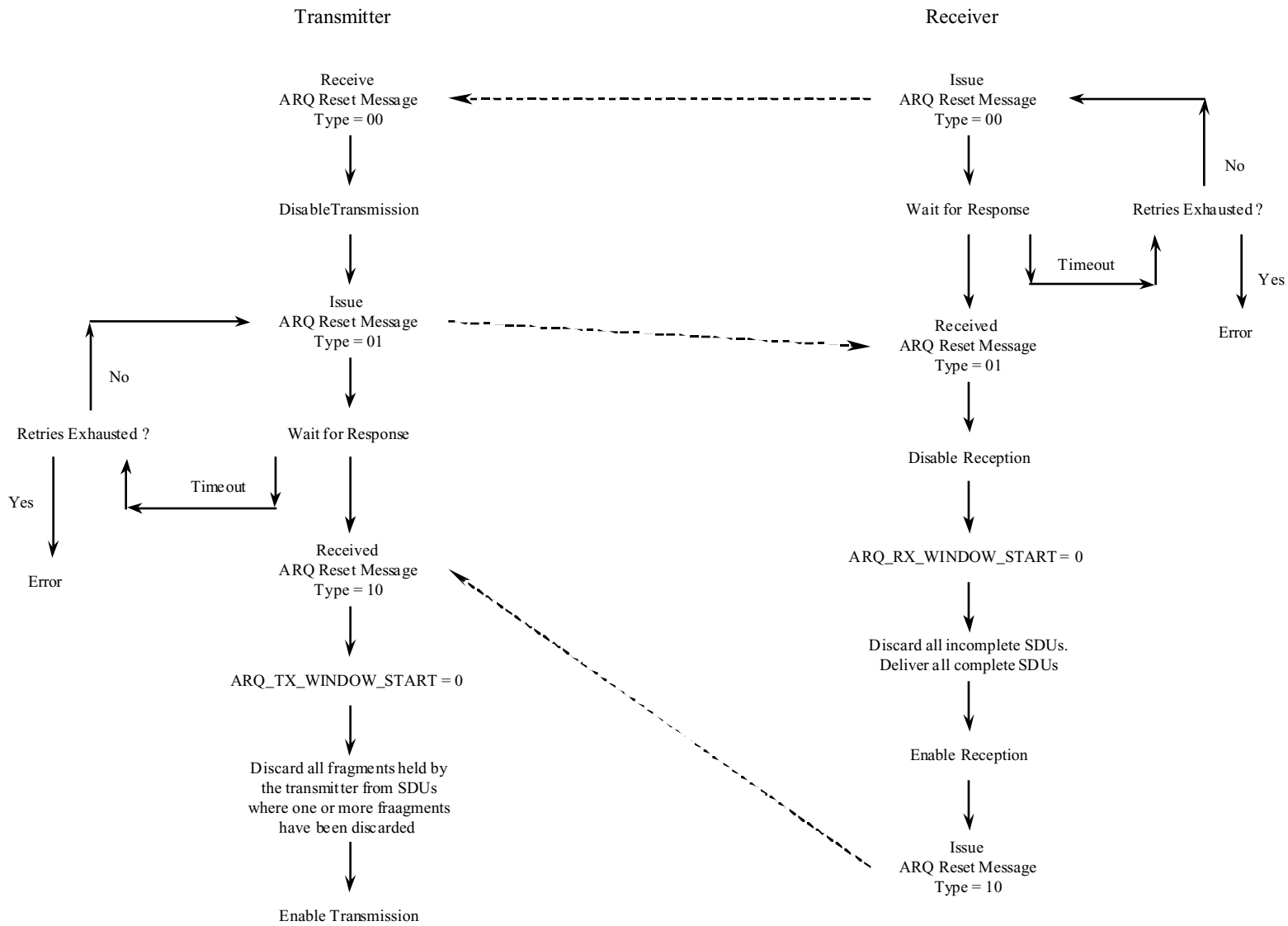


Figure 6.xxx -ARQ Reset Message Dialog—Receiver Initiated