

586 /wsm:TerminateSequence/wsm:Identifier/@{any}
587 This is an extensibility mechanism to allow additional attributes, based on schemas, to be added
588 to the element.

589 /wsm:TerminateSequence/{any}
590 This is an extensibility mechanism to allow different (extensible) types of information, based on a
591 schema, to be passed.

592 /wsm:TerminateSequence/@{any}
593 This is an extensibility mechanism to allow additional attributes, based on schemas, to be added
594 to the element.

595 **3.6 Closing A Sequence**

596 There may be times during the use of an RM Sequence that the RM Source or RM
597 Destination will wish to discontinue using a Sequence. ~~even if some of the messages~~
598 ~~have not been successfully delivered to the RM Destination.~~

599 ~~In the case where the RM Source wishes to discontinue use of a sequence, while it~~
600 ~~can send a TerminateSequence to the RM Destination, since this is a one-way~~
601 ~~message and due to the possibility of late arriving (or lost) messages and~~
602 ~~Acknowledgements, this would leave~~Simply terminating the Sequence discards the
603 ~~state managed by the RM Destination, leaving~~ the RM Source unsure of the final
604 ranges of messages that were successfully delivered to the RM Destination. To
605 ensure that the Sequence ends with a known final state both the RM Source and RM
606 Destination may choose to 'close' the Sequence before terminating it.

607 If the RM Source wishes to close the Sequence then it sends ~~To alleviate this, the RM~~
608 ~~Source can send~~ a <wsm:CloseSequence> element, in the body of a message, to
609 the RM Destination. ~~This message indicates to indicate~~ that the RM Destination MUST
610 NOT receive any new messages for the specified sequence, other than those already
611 received at the time the <wsm:CloseSequence> element is interpreted by the RMD.
612 Upon receipt of this message the RM Destination MUST send a
613 SequenceAcknowledgement to the RM Source. Note, this
614 SequenceAcknowledgement MUST include the <wsm:Final> element.

615 While the RM Destination MUST NOT receive any new messages for the specified
616 sequence it MUST still process RM protocol messages. For example, it MUST respond
617 to AckRequested, TerminateSequence as well as CloseSequence messages. Note,
618 subsequent CloseSequence messages have no effect on the state of the sequence.

619 In the case where the RM Destination wishes to discontinue use of a sequence it may
620 'close' the sequence itself. Please see wsm:Final above and the SequenceClosed
621 fault below. Note, the SequenceClosed Fault SHOULD be used in place of the