

RTCP Extensions for SSM Sessions with Unicast Feedback

Julian Chesterfield

Eve Schooler

Jörg Ott

AVT WG - 19 March 2003

Changes

- 1.XR Packet alignment completed**
- 2.Clarified the alignment and subsequent Payload numbering**
- 3.Introduced further summary types**
- 4.Clarifications + examples of security requirements**
- 5.IANA considerations**

XR Packet Alignment

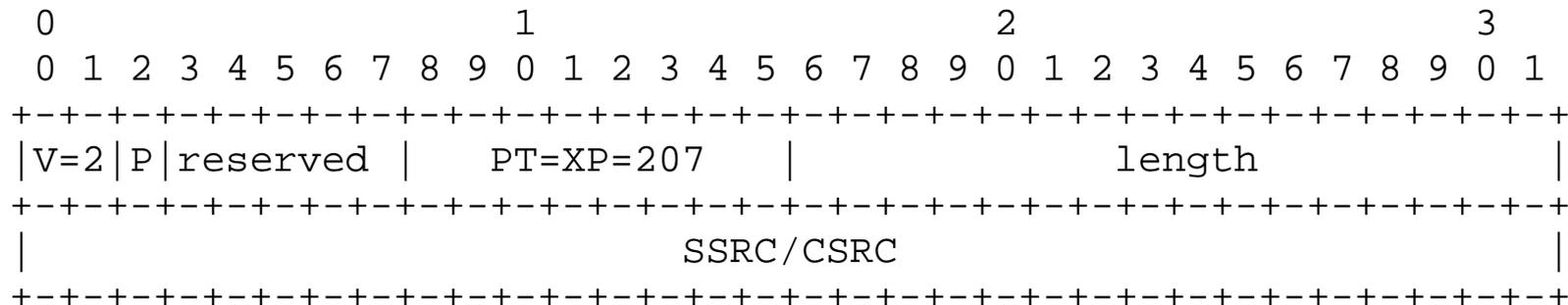
RSI defined as XR packet format, Block type=10.

Attached to RSI are the following Sub-block types:

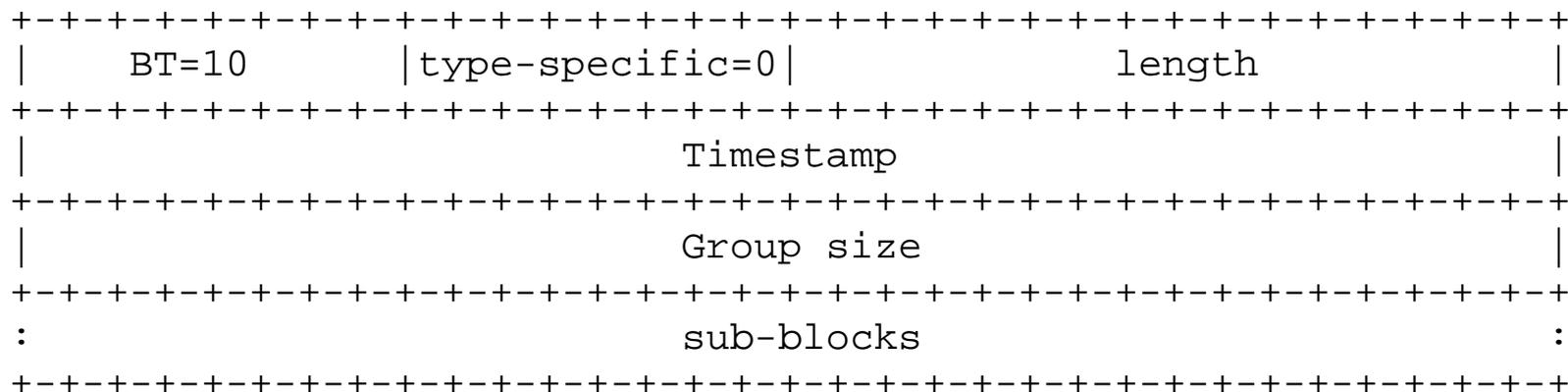
Sub-block Type	Description	ID number
-----	-----	-----
IPv4 Address	IPv4 Unicast Feedback address	0
IPv6 Address	IPv6 Unicast Feedback address	1
DNS name	DNS name for Unicast Feedback	2
-	- reserved -	3
Jitter	Jitter distribution	4
RTT	Round trip time distribution	5
Cumulative loss	Cumulative loss distribution	6
Loss	Loss distribution	7
Collisions	SSRC collision list	8
BYE	BYE list	9
Stats	General statistics	10
Receiver BW	RTCP Receiver Bandwidth	11
-	- reserved -	12 - 255

Example of XR Alignment

XR Packet Header



RSI Block



Other Changes

- **Example references to implementation of security requirements in SIP and RTSP**
- **IANA considerations**

Open “Issues” / Next Steps

- **Clarification of sender reporting frequency for correct operation of timer reconsideration rules, *e.g. Sender must forward group size report whenever group size changes (statistics report not necessary)***
 - **Consideration of sample group/receiver report aging as a function of source reporting frequency *i.e. receiver coverage in summarisation reports***
 - **Move away from XR format due to limited applicability?**
 - **Any implementations of unicast feedback/summarisation?**
- => Once these issues are addressed...ready for last call?**