Residence Time Measurement
draft-mirsky-mpls-residence-time-07

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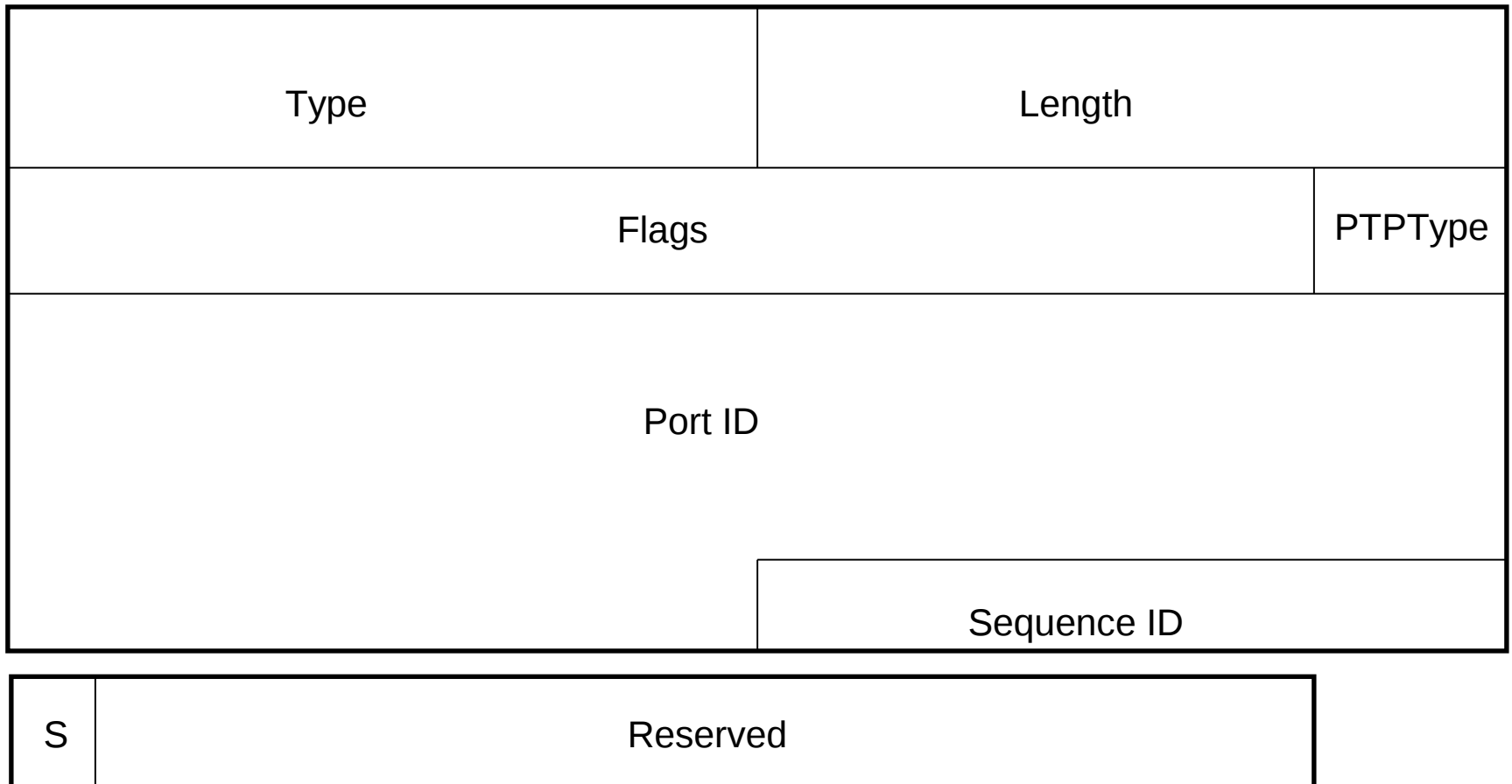
Eric Gray

Alexander Vainshtein

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Stewart Bryant

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Update from -05

- Review by Loa Andersson
- Text tightening and clarification
- Updated PTP sub-TLV and Flags field formats

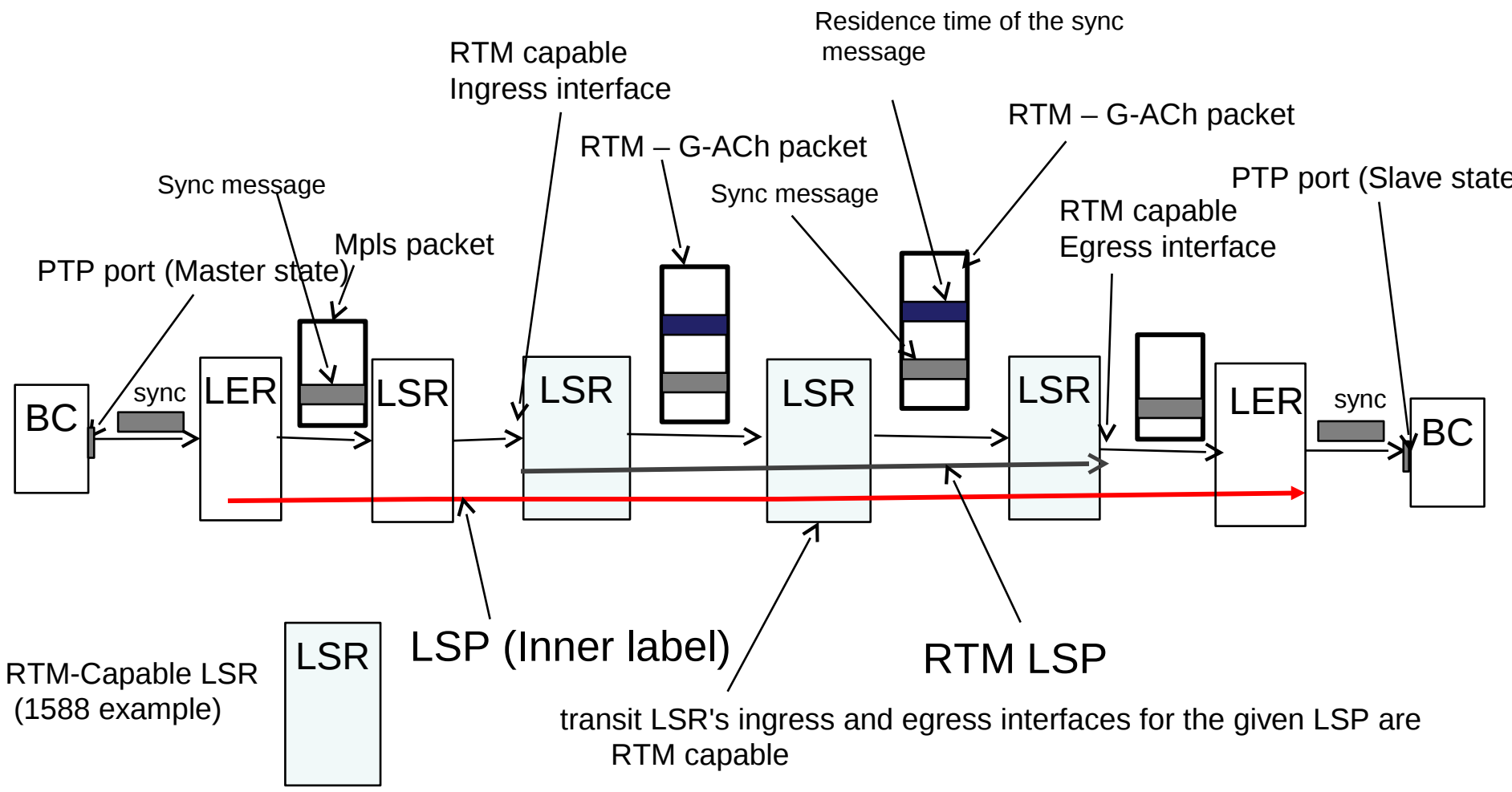| Type	Length	
Flags		PTPType
Port ID		
	Sequence ID	

S	Reserved

Update from -06

- Reviewed by MPLS-RT

    Many thanks to Lucy Yong, Eric Osborne, Markus Jork and Yaakov Stein, who volunteered their time and expertise

- Changed scope – only RSVP-TE signaled LSPs are in scope

- We've tried to overcome limitations of ASCII-art to express in Figure 5 the following …

Residence time of the sync message

RTM capable
Ingress interface

RTM – G-ACh packet

RTM – G-ACh packet

PTP port (Slave state)

RTM – G-ACh packet

Sync message

Sync message

RTM capable
Egress interface

Mpls packet

PTP port (Master state)

BC

sync

LER

LSR

LSR

LSR

LSR

LER

sync

BC

LSR

LSP (Inner label)

RTM LSP

RTM-Capable LSR
(1588 example)

transit LSR's ingress and egress interfaces for the given LSP are
RTM capable

Next steps

- Ready for WG Adoption
- Comments are always welcome