PHY High Level Block Diagrams – R02
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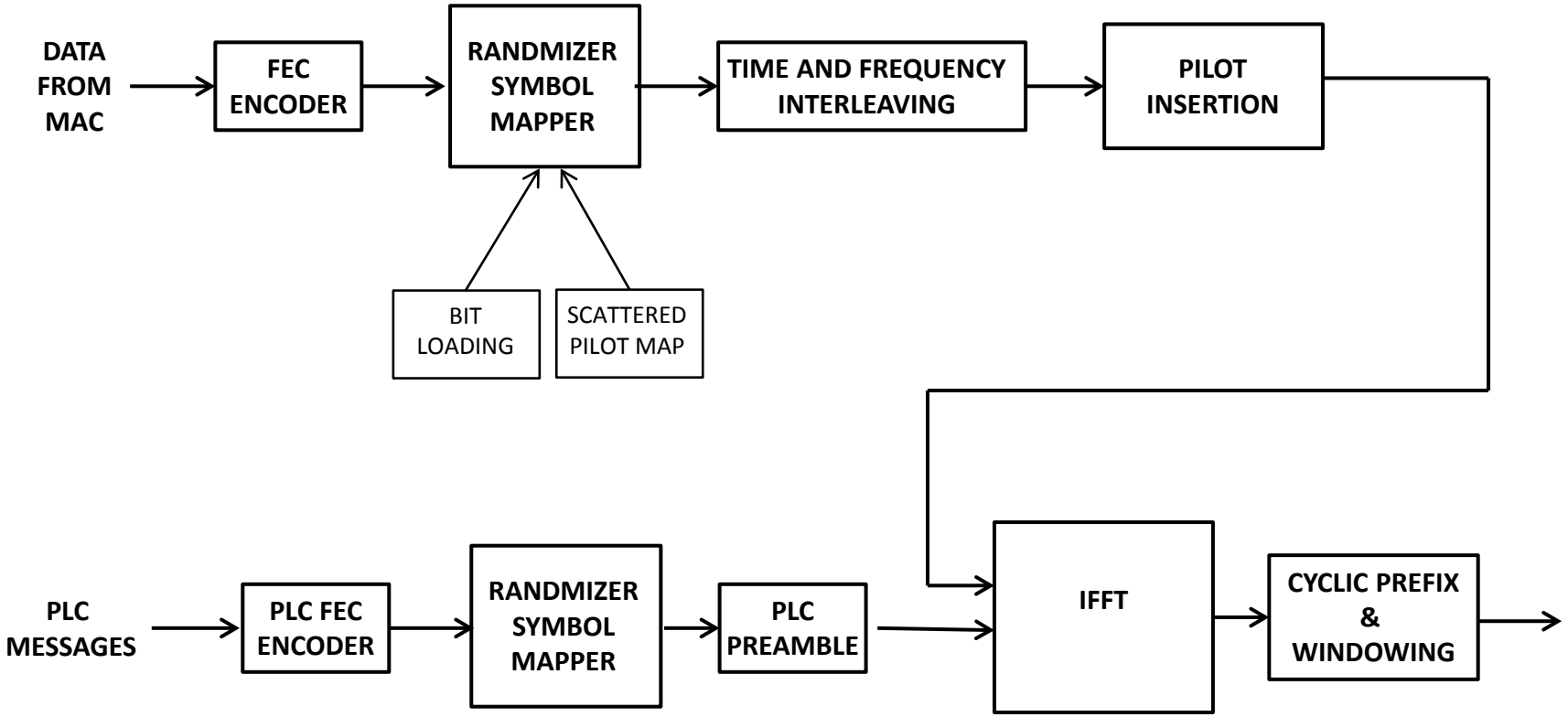
Avi Kliger, Mark Laubach

Broadcom

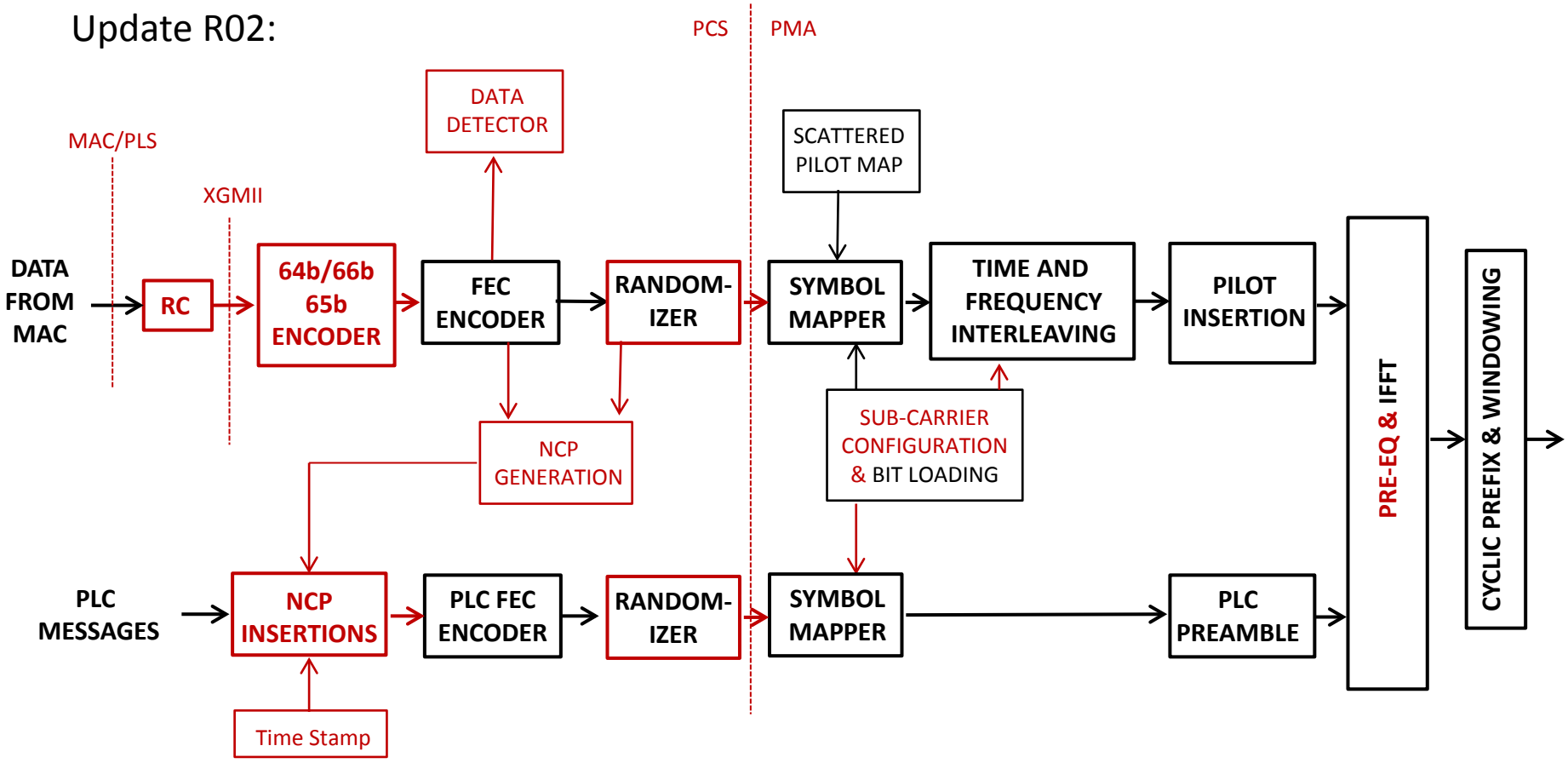
Previous (old original):



EPoC Downstream Transmitter Block Diagram (starting point)

NOTE: All digital domain

Update R02:



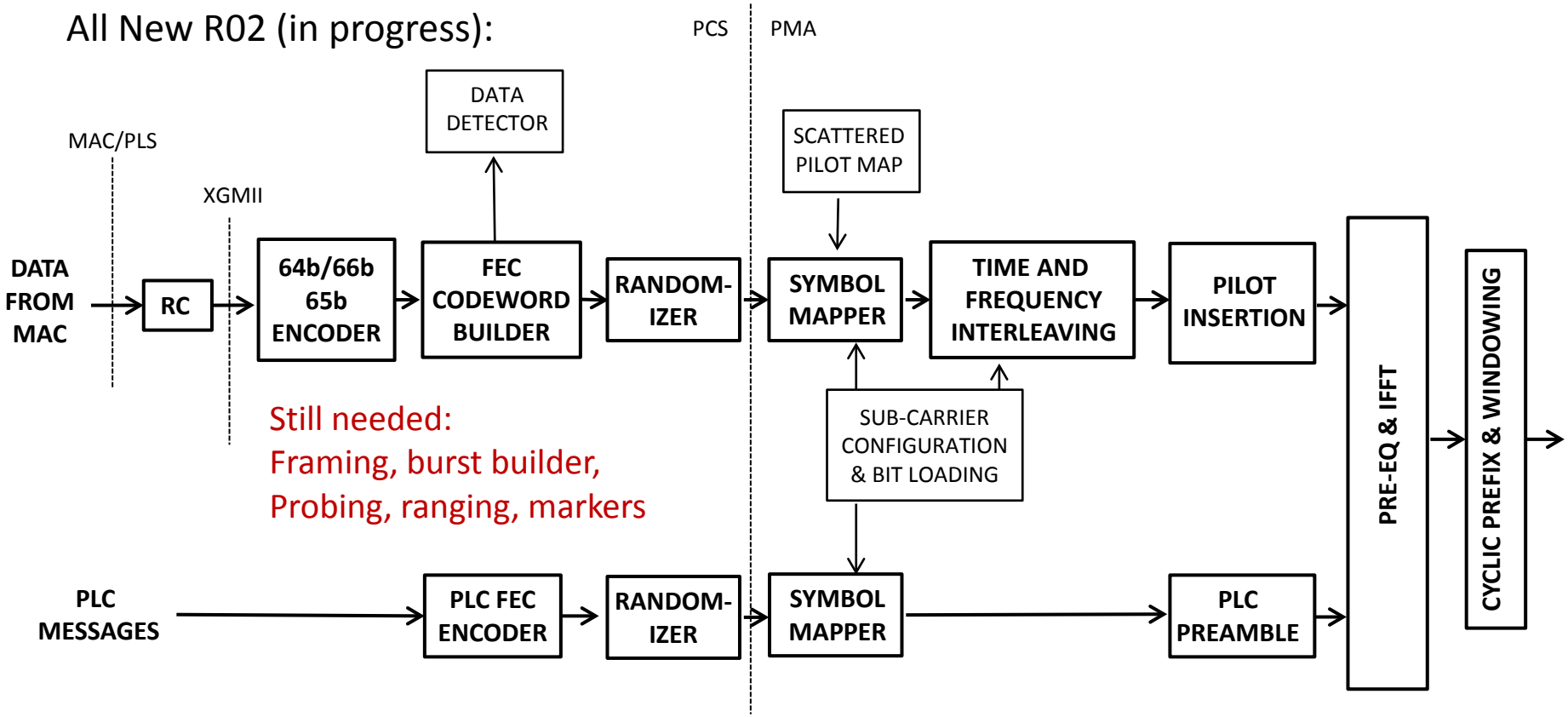
EPoC Downstream CLT Transmitter Block Diagram

NOTE: All digital domain

NOTE: Sub-Carrier Configuration includes sub-carrier use and QAM mapping

NOTE: Not converted yet to IEEE 802 Vertical Form

All New R02 (in progress):



Assumption: Upstream PLC will be similar to downstream, with added functionality to control bursts separate from data

EPoC Upstream CNU Transmitter Block Diagram

NOTE: All digital domain
NOTE: Sub-Carrier Configuration includes sub-carrier use and QAM mapping
NOTE: Not converted yet to IEEE 802 Vertical Form

Summary

- Downstream CLT Transmitter near complete
- Upstream CNU Transmitter
  - Work in progress
- Needed: PHY path block delays
  - Work in progress

THANK YOU