# Proposed Refinements to
# IEEE 802.3br Interspersed Express Traffic (IET) PAR Objectives

# Objectives (1) – Approved in SG

1. Preserve the IEEE 802.3 Ethernet frame format at the MAC client service interface.
2. Preserve minimum and maximum MAC frame size of the current IEEE 802.3 standard.
3. Use the Clause 4/4A MAC without alteration.
4. Require no changes to existing PHYs.
5. Support full duplex point-to-point operation only.
6. Support speeds of 100 Mb/s and higher, at the MAC/PLS service interface.
7. Preserve MAC/PLS service interface.
8. Do not degrade  Mean Time to False Packet Acceptance (MTTFPA) at the MAC Service Interface.
9. Reduce access latency for certain frames (express traffic) to  less than two times the minimum packet size plus IPG.

# Objectives (2) – Approved in SG

10. Assure that both ends of the link support IET (Interspersing Express Traffic) mode before enabling it.

11. Provide a primitive at the MAC Client Service interface to inhibit the transmission of non-express frames.

12. Provide two MAC service interfaces at each end of the IET link, as the means to distinguish between the express and the non-express frames.

13. Minimum fragment size shall be great than or equal to 64 bytes.

14. Fragments will be constructed such that they will not be recognized as valid frames by a non-IET-capable device.