Response to ERL comments against clauses 136 and 137:

Apply the changes to 93A, adding 93A.5 as presented in http://www.ieee802.org/3/cd/public/Jan18/8023cd-anx93A-ERL-proposal.pdf.

Add new subclause 137.9.2.1 (under "Transmitter characteristics") "Effective return loss" with content recommending an ERL better than 19.5 dB, calculated per 93A with the parameter values:
beta_x=10.7e9, and rho_x=0.33, PTDR T_r=18.9 ps, measured at TP0a. Tfx is twice the delay from TP0 to TP0a.

Add new subclause 137.9.3.1 (under "Receiver characteristics") "Effective return loss" with content recommending an ERL better than 19.5 dB, calculated per 93A with the parameter values:
beta_x=10.7e9, and rho_x=0.33, PTDR T_r=18.9 ps, measured at TP5a. Tfx is twice the delay from TP5 to TP5a.

Add new subclause 137.10.3 (under "Channel characteristics") "Effective return loss" with content recommending an ERL better than 9.5 dB, calculated per 93A with the parameter values:
beta_x=10.7e9, and rho_x=0.11, PTDR T_r=18.9 ps, measured at TP0 and TP5. Tfx is 0.

For the new clause 137 subclauses, other parameters take values from the existing COM table for clause 137, use N=200 and Nbx=Nb.

Add new subclause 136.9.3.3 (under "Transmitter characteristics") "Effective return loss" with content recommending an ERL better than 9 dB, calculated per 93A with the parameter values:
beta_x=10.7e9, and rho_x=0.3, PTDR T_r=18.9 ps, measured at TP2. Tfx is twice the delay associated with the HCB.

Add new subclause 136.9.4.5 (under "Receiver characteristics") "Effective return loss" with content recommending an ERL better than 9 dB, calculated per 93A with the parameter values:
beta_x=10.7e9, and rho_x=0.3, PTDR T_r=18.9 ps, measured at TP3. Tfx is twice the delay associated with the HCB.

Add new subclause 136.11.8 (under "Cable Assembly characteristics") "Effective return loss" with content recommending an ERL better than 10.5 dB, calculated per 93A with the parameter values:
beta_x=10.7e9, and rho_x=0.35, PTDR T_r=18.9 ps, measured at TP1 and TP4. Tfx is twice the delay associated with the MCB.

For the new clause 136 subclauses, other parameters take values from the existing COM table for clause 136, use N=200 and Nbx=Nb.

At each of the new subclauses in 136 and 137, add an Editor's note stating that the ERL specifications are work in progress and are intended to become normative and replace RL and SNR_ISI in a future draft, pending task force decision.

Do not delete the existing RL and SNR_ISI specifications.

Implement with editorial license.