Area:	Description of Need	Next step/Content
CLAUSE 1.3 - NORMATIVE REFERENCES	Check rest of document	**(ongoing review)**
CLAUSE 45.5 - NEEDS CONTENT	Clause 45 PICS need to be done.	PICS - just need comment
CLAUSE 78 - NEEDS CONTENT	All content adds are TBD - see 802.3bp for required timing fields	
CLAUSE 98 TBDs		
CL 98.5.2 (P60 L6)	2 TBD slots (for microsecond units) in break_link_timer description.	See Graber_3cg_01_0418.pdf
CL 98.5.2 (P60 L39)	TBD inserted for link_fail_inhibit_timer description. (see editor's note at L 31)	See Graber_3cg_01_0418.pdf
CL 98.5.2 (P61 L1, L2)	2 TBD slots (for microsecond units) in rx_wait_timer description.	See Graber_3cg_01_0418.pdf
CL 98.5.6.3 (P63 L11, L17)	2 TBD slots inserted: one for detection_timer and one for failure_timer.	See Graber_3cg_01_0418.pdf
CL 98.6.8 (P64 L10, L36, L48, L49)	6 TBD slots inserted in table for timing variables on break_link_timer, link_fail_inhibit _timer, and rx_wait_timer *PICS CORRESPONDING TO THE	PICS - just need comment
CL 98 - GENERAL	Need to check how Figure 98-11 state diagrams relate to existing Clause 98 text. The concept is there, implementation looks like it needs work. An overview presentation would be helpful necessary.	**(ongoing review)**
CL 98 (Annex 98B) - GENERAL	Need autoneg bits assigned and described	See Graber_3cg_01_0418.pdf
CLAUSE 104 TBDs		
CL 104.6.2 (P69 L43)	146.8.xxx is listed as fault tolerance reference. Needs reference and expansion to include 10BASE-T1S.	**(review and comment needed)**
Table 104-8 (P73 L12)	TBD.	**(review and comment needed)**
CLAUSE 146 - TBDs		
CL 146.1.2.x (P79 L13)	Editor's note says content of 146.1.2.1 - 146.2 was added to D1.1 without review, needs to be checked & editors note deleted.	**(review and comment needed)**
CL 146.2 - P81 L10	CL 146.2 needs content on descriptions of service primitives	**(Graber presentation in process)**
CL 146.5.4.4 (P107 L4)	Editor's note says PSD mask and power level values are TBD - need review and removal of note.	**(review and comment needed)**
CL 146.5.5.3 - P109 L3	Editor's note to be removed prior to D 2.0 appears to have been resolved.	comment to delete
CL 146.5.5.3 - P109 L34	Editor's note issues need to be closed	**(review and comment needed)**
CL 146.5.6 - P109 L50	Delete editor's note with a suggestion	comment to delete
CL 146.6.1 - NEEDS CONTENT P110 L47	Editor's note - need to define autoneg parameters and force mode options	comment to delete
CL 146.7.1.5 (P114 L31, L37, L38, L47)	TBD inserted after IEC document reference. Then all coupling attenuation values are TBD. Also editors note aknowledging TBD's for coupling attenuation; followed by table 146-6 in which the TBD's are listed	comment to delete
Table 146-7 (P115 L6)	TBD's in "radiated RF- AM" slots of the table.	**NEED PROPOSAL**
CL 146.8 - 146.10 (P116 L23)	Editor's note has served its purpose - text is now under review and was commented on in D1.2 - delete or identify specific needs of attention	comment to delete
CL 146.8.1 (P116 L43, L44)	3 TBD's entered related to connector selection for 'applications with lower environmental requirements' , including pin specifications of connections.	**NEED PROPOSAL**

146.8.3 (P117 L7 through P117 L22)	MDI return loss proposals needed per editor's note, and note on line 19 saying values are 'preliminary'...	**NEED PROPOSAL (Graber & Stewart working)**
CL146.9.1	Editor's note specified entire section as TBD and subject to work in the isolation and ad hoc. - Need to check with Jon Lewis and update	**(review and comment needed)**
CL 146 (P77 L23, P78 L41, P79 L5, P85 L36, general) - NEEDS CONTENT	EEE specification (LPI mode description, wake signal?, refresh signal?, timers)	**NEED PROPOSAL**
CLAUSE 147 - TBDs		
CL 147.1 (P129 L25)	Editor's note instructing task force to define EEE operation per objectives. - More likely - EEE is inherent in the objectives as half-duplex operation. We need proposals to include text regarding how the PHY responds to LPI from the MAC.	**(review and comment needed)**
CL 147.1.2 (P129 L45, L46, L53)	3 TBD's inserted for description of 10BASE-T1S PHY operations.	**NEED PROPOSAL**
CL 147.3.5 (P.142 L21)	Timeout for detecting collision needs to be added according to Editor's note.	**NEED PROPOSAL**
Cl 147.4 (P143 L33)	The PMA Figure (like 146-12) needs to be developed according to Editor's note.	**NEED PROPOSAL**
CL 147.4.2 (P143 L3, L7)	The 10BASE-T1S PMA Transmit function signal flow Figure needs to be developed according to Editor's note, and Figure is not yet in the draft (TBD on line 29 would be the xref). Figure should be like 146-13 - need proposalsThe PMA transmit Figure needs to be developed according to Editor's note. Also instructions to improve clarity (i.e its relationship to the PCS state diagram, and	**NEED PROPOSAL**
Table 147-2 (P144 L44, L45)	4 TBD's inserted in table for DME Timings.	**NEED PROPOSAL**
Cl 147.4.3 (P145 L27-29)	The 10BASE-T1S PMA Receive function signal flow Figure needs to be developed according to Editor's note, and Figure is not yet in the draft (TBD on line 29 would be the xref). Figure should be like 146-14 - need proposals	**(review and comment needed)**
Cl 147.5 (P145 L54)	Copy or reference clauses 146.5.1.1 and 146.5.1.2 here as they apply as well for 10BASE-T1S according to Editor's note.	**(review and comment needed)**
CL 147.5.1 (P146 L22)	Editor's note - Need to determine how to generate sequence below this clause. - This appears to be completed in the text. Is it? If so, propose deleting editor's note, if not, propose what else is needed.	comment to delete
CL 147.5.2.1 (P147 L4)	Editor's note: Are additional requirements and test fixtures needed to test the transmitter	**(review and comment needed)**
CL 147.5.3.1 (P147 L18)	Transmitter output voltage to be aligned with PSD mask specifications. Nominal voltage should be 1V, to be discussed in the group; according to Editor's note.	**(review and comment needed)**
Figure 147-10 (P146 L52)	included).	**(review and comment needed)**
CL 147.5.3.1 (P147 L21)	3 TBD's inserted; 1 for unfinished reference in figure-147-TBD, and 2 for peak to peak differential on transmitter output voltage.	**(review and comment needed)**
CL 147.5.3.2 (P147 L36)	Unfinished reference to figure 147-TBD inserted again	**(review and comment needed)**
Figure 147-11 (P147 L46)	The 10BASE-T1S transmitter only has a single transmitter level. The control bit text either needs to be deleted or a description of select-able transmit levels needs to be added to clause 147 (according to Editor's note).	**(review and comment needed)**
Figure 147-11 (P148 L5)	Copy or reference clause 146.5.4.2 here as it applies as well for 10BASE-T1S (according to Editor's note).	**(review and comment needed)**

Cl 147.5.3.4 (P149 L25) - NEEDS CONTENT	Need content for Receiver electrical specs, including receiver alien crosstalk tolerance. Also need to determine if there is a PMA local loopback function. See Editor's note instructing task force discussion of: 1. Copy or reference clause 146.5.x.x Alien Crosstalk Noise Injection here as it applies as well for 10BASE-T1S. 2. Copy or reference clause 146.5.7 PMA local loopback here as it applies as well for 10BASE-T1S. 3. Copy or reference clause 146.5.5 Receiver electrical specifications here as it applies as well for 10BASE-T1S.	**NEED PROPOSAL**
CL 147.5.3.4 (P148 L44)	TBD inserted for ppm in range of symbol transmission rate.	**(review and comment needed)**
CL 147.8 (P151 L47)	Review initial mixing segment specifications (based on the point to point link segment requirements) as well as terminations and PHY requirements, especially MDI return loss when transmitting and other MDIs in high impedance state.	**(review and comment needed)**
CL 147.9.2.1 (P151 L30)	TBD inserted for frequency range in MHz of MDI Return Loss	**NEED PROPOSAL**
CL 147.10 (P153 L3) - NEEDS CONTENT	General, environmental and network safety is all blank...	**NEED PROPOSAL**
CL 147.11 (P153 L16) - NEEDS CONTENT	Need to determine delay constraints. This matters for full duplex and for multidrop timing delay as it will determine the maximum segment length	**NEED PROPOSAL**
CL 147.12.3 (P155 L1) - PICS	Need PICS for 10BASE-T1S	PICS - just need comment
Clause 148 TBD's		
CL 148.2 (157 L21) - NEEDS CONTENT	According to Editor's note: high level description of the operation and specification of PLCA is needed here (description only, no Requirements).	**NEED PROPOSAL**
CL 148.3 (P155 L28) - NEEDS CONTENT	note.	**NEED PROPOSAL**
CL 148.4.4.2.4 (P163 L4)	Editor's note requesting commentators review description in text and state diagram of early receive indication and its behavior to valid correctness and conciseness of both the diagram and the text.	**(review and comment needed)**
CL 148.4.5.1 (P161 L20)	TBD".	**NEED PROPOSAL"**
CL 148.4.5.2 (P165 L4, L9, L45)	3 TBD's inserted: 1 for register on plca_reset, 1 for register on plca_en, and 1 for register on MAX_ID. (PLCA peramters marked for negotiation in editor's note).	**NEED PROPOSAL**
Cl 148.4.5.2 (P167 L39) - NEEDS CONTENT	Specify whether and how PLCA parameters may be negotiated (e.g., Clause 98). Specified in two Editor's notes.	**NEED PROPOSAL**
CL 148.4.5.4 (P166 L30)	TBD inserted for register on TO_TIMER	**NEED PROPOSAL**
CL 148.4.6.1 (P166 L51)	TBD inserted for PLCA Data State Diagram as figure 148-TBD.	**NEED PROPOSAL**
Bibliography (P177 L10)	Any new informative references to be added here. (currently blank)	**(review and comment needed)**
CL 200A.1.1.2.1 (P185 L50)	Task Force has not yet agreed on powered trunk DCR characteristics (According to Editor's note).	**NEED PROPOSAL**
CL 200A.1.1.2.2 (P186 L1)	Task Force has not yet agreed on powered trunk class power requirements (According to Editor's note)	**NEED PROPOSAL**
CL 200A.1.10 (188 L1) - NEEDS CONTENT	All tables on this page are blank; needs content.	**NEED PROPOSAL**