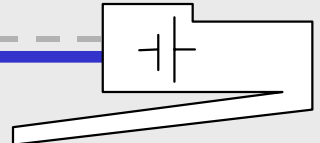


Welcome
to the
March 2003
Plenary Meeting
of the
802.3af DTE Power
via
MDI Task Force
Runway 27R, DFW Airport, TX

Steve Carlson, TF Chair

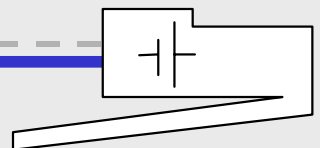
March 10 - 14, 2003

DTE Power via MDI TF



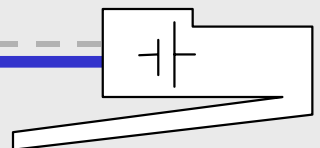
Agenda

- Welcome and Introductions (New People)
- Select Recording Secretary
- Review / Approve Agenda
- Document Distribution (electronic)
- E-mail Reflector, Web Site, and Miscellaneous Information



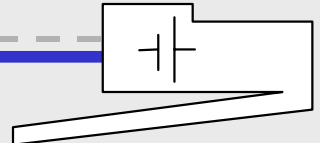
Objectives for this Meeting

- Comment Resolution for D4.1
 - Editorial Comments
 - Technical and TR Comments
- Create D4.2 and recirculate
- Registration – do it!



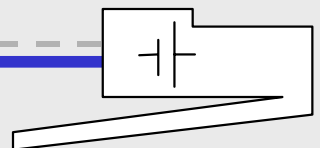
Objectives for this Meeting

- Other business
 - Approve Vancouver/Milpitas minutes
 - Adopt D4.1 resolutions and charter D4.2
 - Sign-off on D4.0 unsatisfied TR's
 - Thaler
 - Grow
 - McCormack
 - Steve Carlson to present on behalf of Mike McCormack



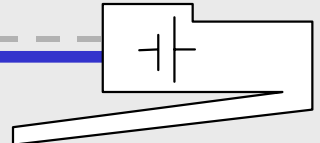
Objectives for this Meeting

- Tuesday
 - Report on Sponsor Ballot Recirculation
 - Votes
 - Next Recirculation
 - Editor's Report
 - Status of E, T, TR
 - Comment Breakdown
 - Ad Hoc to resolve State Machine comments
 - David Law MIB Report
 - Plug Fest 2003 – IOL, April 7 - 11, 2003
 - Comment resolution



Objectives for this Meeting

- Wednesday morning
 - Continue comment resolution
- Wednesday afternoon
 - Edit D4.2
- Thursday morning
 - Edit D4.2
 - Approve minutes from Vancouver/Milpitas
 - Motions to accept D4.1 comment resolution, charter editor to create D4.2, and Recirculate to the Sponsor Ballot Group



Future Meetings

Future Meetings

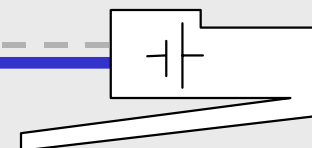
Possible April Interim – IOL, Durham, NH

April 7 - 9, 2003

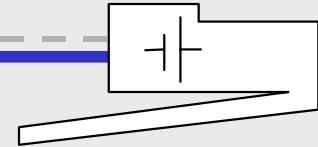
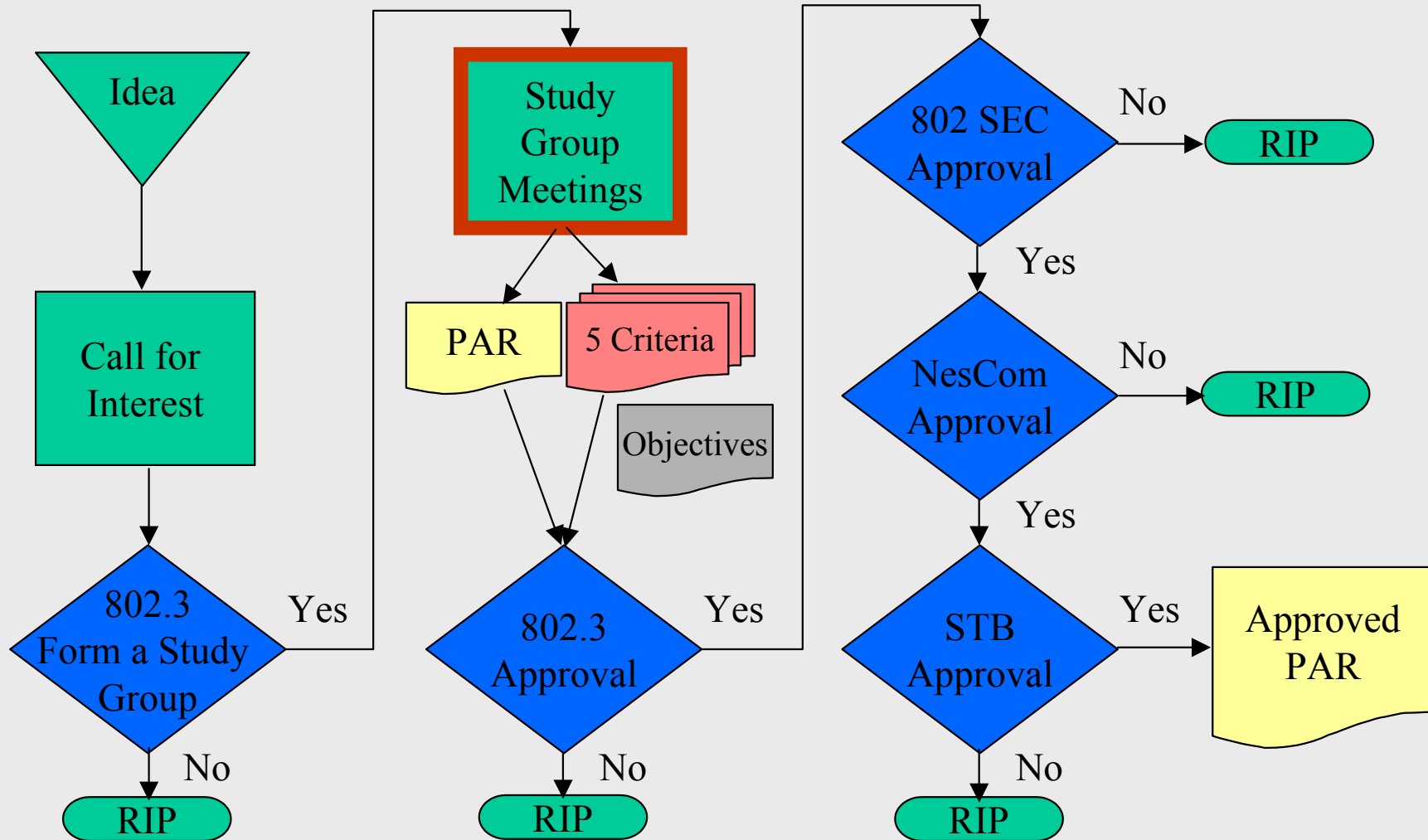
July Plenary – Hyatt Regency, San Francisco, CA

July 20 - 24, 2003

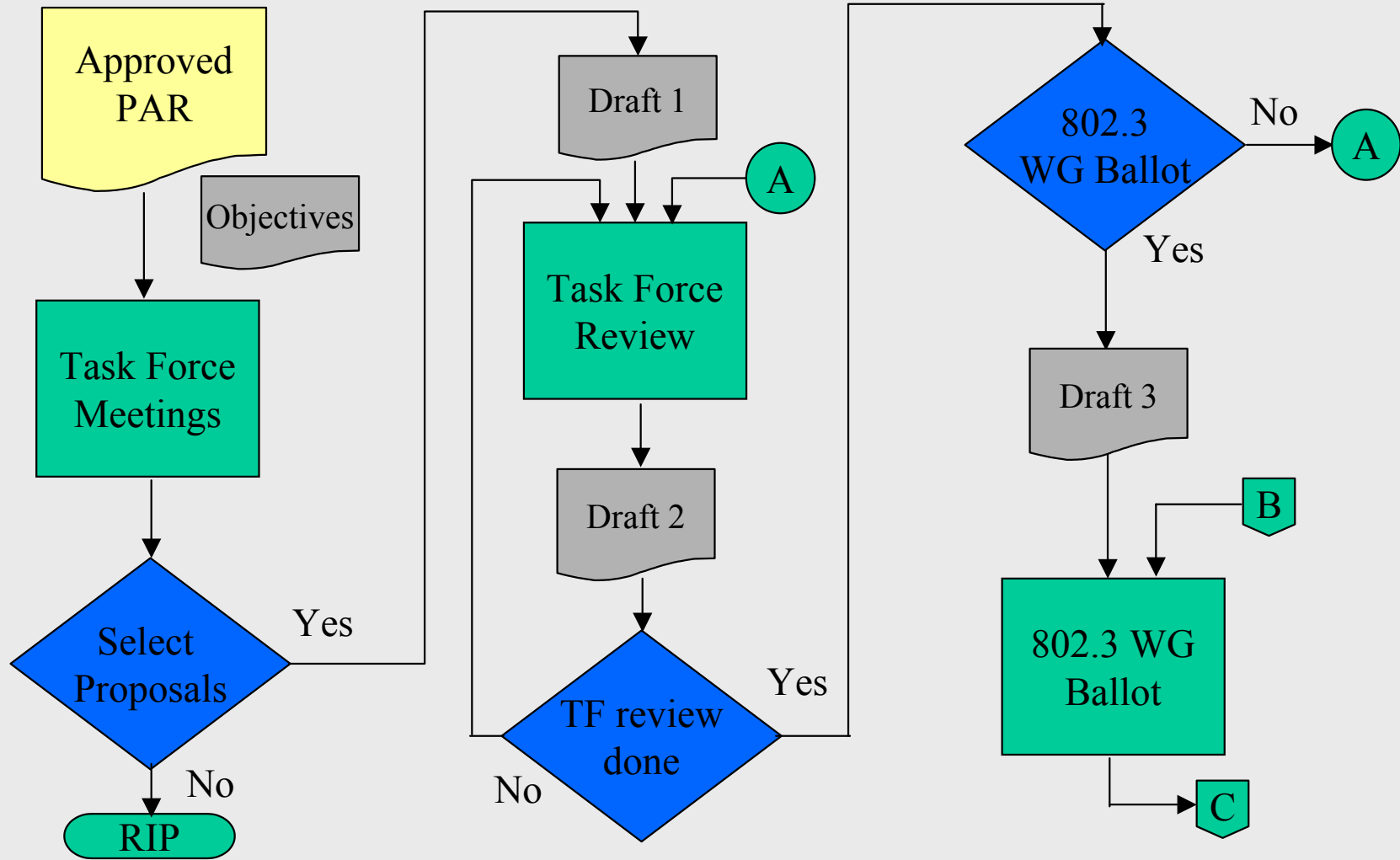
<http://grouper.ieee.org/groups/802/meeting/future.pdf>



IEEE Standards Process

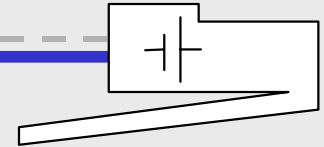


IEEE Standards Process

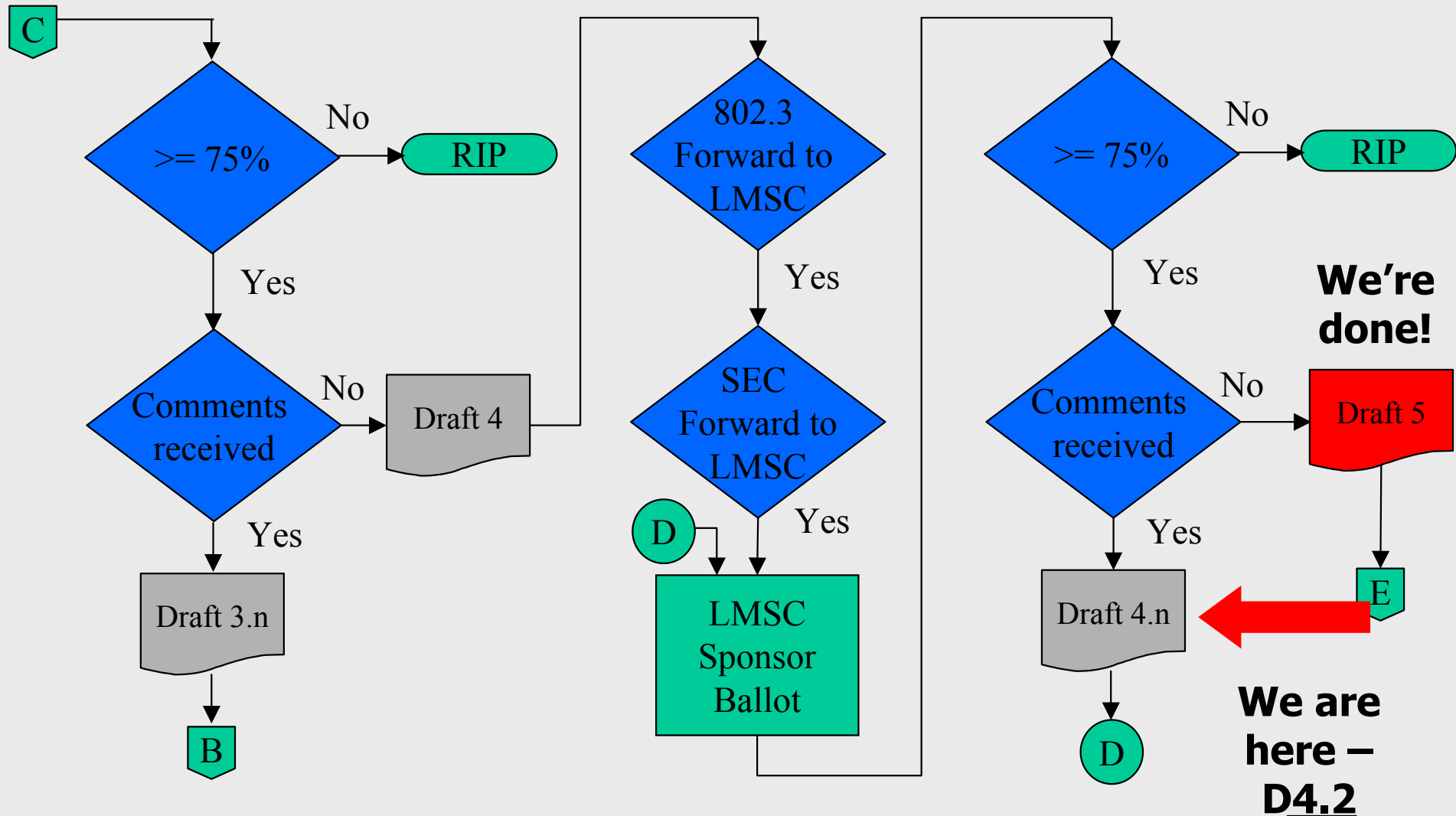


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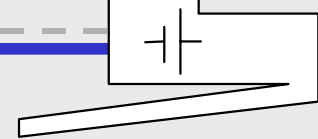


IEEE Standards Process

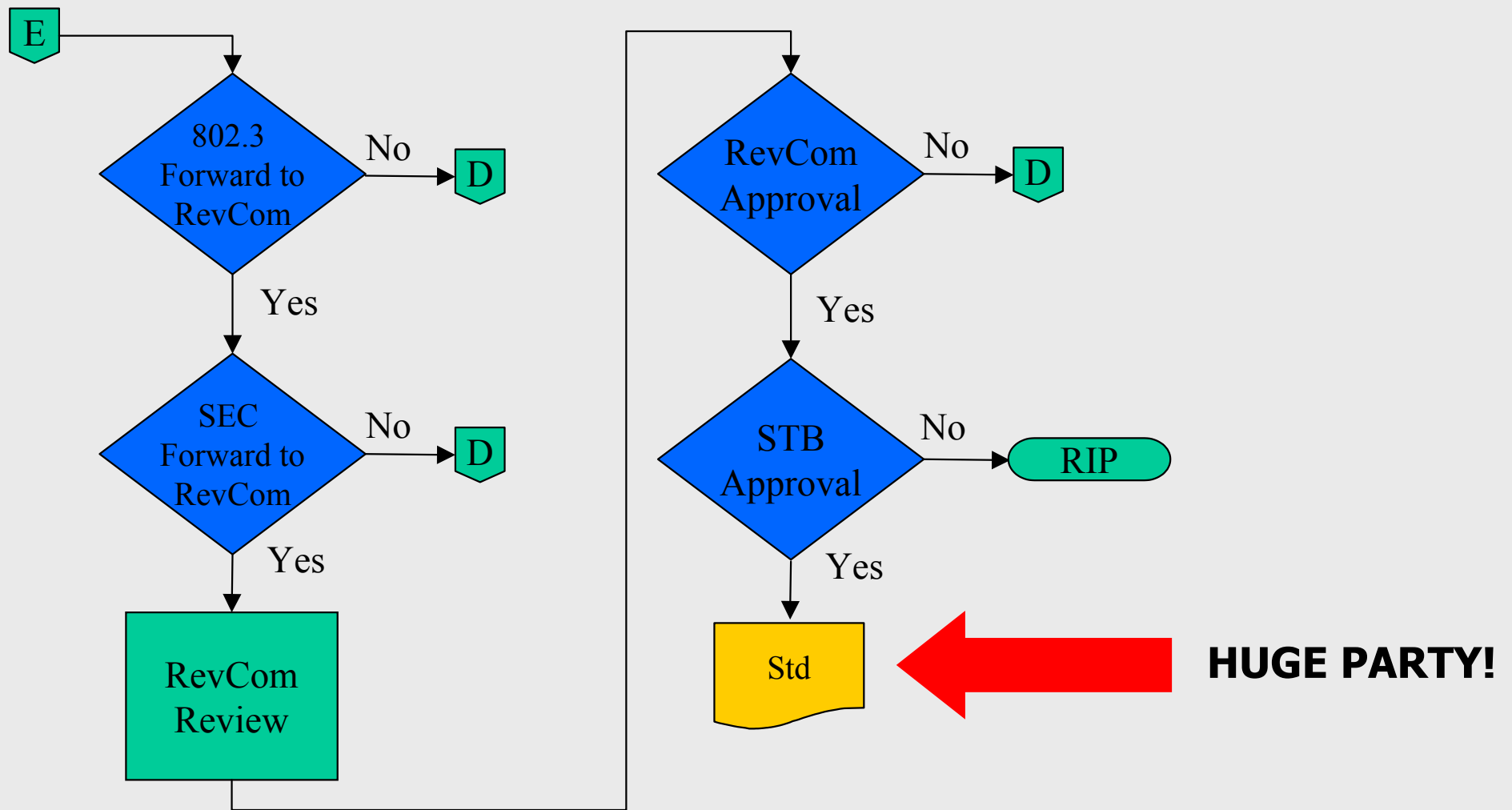


March 10 - 14, 2003

DTE Power via MDI TF

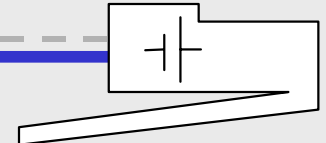


IEEE Standards Process



March 10 - 14, 2003

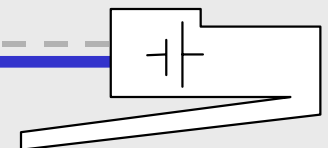
DTE Power via MDI TF



Task Force Status

- PAR approved by NesCom (1/30/2000)

P802.3af (C/LM) Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local & Metropolitan Area Networks - Specific Requirements - Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications - Data Terminal Equipment (DTE) Power via Media Dependent Interface (MDI)



E-mail Reflector

The IEEE has set up a reflector for this study group:

stds-802-3-pwrviampi@mail.ieee.org

The reflector can be used for announcements, comments, discussions, or dissemination of information related to the work of this study group

The reflector should not be used for recruiting, advertising, soliciting, flaming, whining, subscribing, or unsubscribing

To be added to the reflector, send an E-mail containing the following line:

subscribe stds-802-3-pwrviampi <your email address>
to

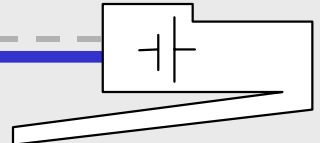
majordomo@ mail.ieee.org

To send a message to the DTE Power reflector use the email address:

stds-802-3-pwrviampi @ieee.org

Subscriptions are on an individual basis only

No proxy requests or reflectors will be subscribed



IEEE Web Site

**Typical Plenary Meeting Plan (DTE Power via MDI
will meet during "Task Force" slots):**

<http://grouper.ieee.org/groups/802/3/plenary.html>

802.3af 5 Criteria:

http://grouper.ieee.org/groups/802/3/power_study/public/nov99/802.3af_5criteria.pdf

802.3af PAR:

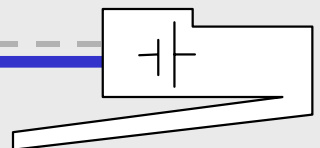
http://grouper.ieee.org/groups/802/3/power_study/public/nov99/802.3af_PAR.pdf

802.3 Voting Rules

<http://grouper.ieee.org/groups/802/3/rules/member.html>

802.3 Patent Policy

<http://grouper.ieee.org/groups/802/3/patent.html>



IEEE 802.3 Requirements for Working Group Voting Membership

If you wish to vote on 802.3 standards at the Working Group Ballot stage you need to become a Voting Member of Working Group 802.3.

Membership is by individual, not company.

To become a voter:

Attend and sign the attendance book at least **75% of the sessions of two Working Group 802.3 Plenary meetings (within the last four).**

Full attendance at a **two day or more duly constituted Working Group 802.3 Interim Meeting can be substituted for attendance at one plenary.**

Have complete and current contact information recorded in the Working Group 802.3 database.

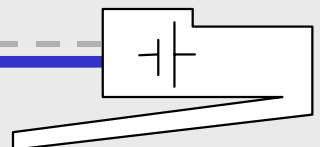
Request to become a voter during a Working Group 802.3 Opening or Closing plenary meeting when additions to the voter list are solicited by the Chair from the "Potential Voter" list.

To remain a voter you must:

Maintain current contact information in the Working Group 802.3 database.

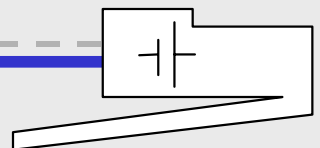
Have 75% attendance during at least two of the last four plenaries (Attendance at an interim can substitute for attendance at no more than 1 plenary).

Participate in Working Group ballots. You can be dropped for not returning or abstaining in two of the last three ballots.



Presentation Guidelines

- Requests for presentation time should be scheduled with the chair one week prior to the meeting
- Presentations should be supplied via e-mail as a PDF file one week before the meeting
- Avoid fussy backgrounds or other decorative graphics
- No animations, video clips, etc.
- Goal: to keep the PDF small enough to fit on a single floppy disk
- You must attend one meeting prior to presenting



The Attendance Books

SIGN "THE BOOK" EVERY DAY

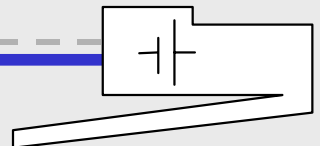
KEEP IT MOVING

IF YOU ARE NEW, SIGN THE NEW-BEES BOOK

Put business card in back or fill out address...

**Sign this book every day; no forward signing;
do NOT sign for someone else!**

**DO NOT REMOVE THE BOOK FROM THE ROOM;
DO NOT COPY THE BOOK**



DTE Power Objectives

November 10, 1999 as approved by DTE Power via MDI SG.

(1) Economically provide power over a twisted- pair link segment to a single Ethernet device. To be included:

10BASE- T,
100BASE- TX.

To be considered:

1000BASE- T.

(2) Select one power distribution technique for world- wide use

(3) Not cause damage and interoperate with compliant RJ- 45 MDI Ethernet devices including:

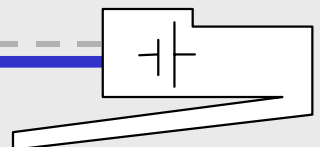
a. Switch- to- switch connections (both supplying power)

b. Cross- over cables

c. Common mode termination implementations

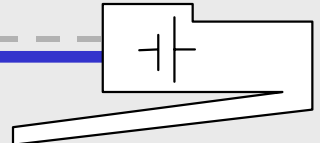
d. Shorted conductors, pairs or loop- back plug

(4) Define a capability detection function that works with a powered and an unpowered device



DTE Power Objectives

- (5) Select the voltage, minimum and maximum current and wattage to be supplied
- (6) Add appropriate management objects for power capability and status
- (7) Support current standard, 4- pair, horizontal cabling infrastructure for installed Cat 3 and Cat 5 cabling
- (8) Preserve the signal transmission and isolation characteristics of existing equipment and cabling
- (9) Maintain normal functionality of Link Integrity Test function in legacy and new devices
- (10) Consider mid- span power insertion, powering over the signal pairs, and interaction with other RJ- 45 interfaces: Token Ring, ATM, FDDI TP- PMD, 1000BASE- T, ISDN, networking test equipment, PBX, IEEE 1394, devices listed in ISO/ IEC 11801 : 1995 Annex G



P802.3af Motion 1

Move that the resolutions to all closed comments from the D4.1 comment resolution database be incorporated into D4.2, and to charter the Editor to produce D4.2 for 2nd recirculation ballot.

Technical 75%

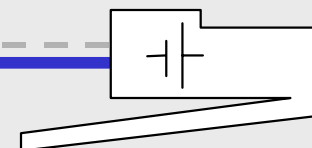
M: Dave Dwelley

S: Yair Darshan

Date: 03/13/2003

Time:

Y:8 N:0 A: 0 802.3 voters



P802.3af Motion 2

Move that the minutes from the TF meetings in Vancouver/Milpitas be approved.

Technical 75%

M: John Jetzt

S: Chad Jones

Date: 03/13/2003

Time:

Passes by acclamation 802.3 voters

