

New Participant Orientation

IEEE 802.11 Vice-Chair

Al Petrick

IEEE 802.15 Vice-Chair

Jim Allen

IEEE 802.18 Chair

Carl Stevenson

IEEE 802.19 Chair

Steve Shellhammer

IEEE 802.20 Chair

Jerry Upton

IEEE 802.21 Chair

Ajay Rajkumar

IEEE 802.11 Officers...Primary Roles

Wireless LANs

- Stuart J. Kerry, Chairman
- Al Petrick, Vice-Chair... Attendance record and Treasury
- Harry Worstell, Vice-Chair... Documentation, Voter Database
- Tim Godfrey, Secretary ... Working Group Minutes and Wireless Network Lead.

IEEE 802.15 Officers...Primary Roles

Wireless PANs

- Bob Heile, Chairman, Documentation
- Jim Allen, Vice-Chair...
- Pat Kinney, Secretary ... Working Group Minutes
- Mike McInnis, Asst Secretary
- James Gilb, Parliamentarian
- Rick Alfvin, Webmaster/Docmaster/Attendance
- John Barr, Treasury

IEEE 802.18 Officers...Primary Roles

Radio Regulatory TAG

- Carl Stevenson, Chairman, Documentation
- Denis Kuwahara, Vice-Chair/Secretary
 - WG minutes
 - Attendance

IEEE 802.20 Officers...Primary Roles

Mobile Broadband Wireless Access

- **Jerry Upton, Chairman, Documentation, Voting Rights**
- **Gang Wu, Vice-Chair, Voting Tokens**
- **Rao Yalla Pragada, Secretary ...Working Group Minutes, Attendance**

IEEE 802.21 Officers...Primary Roles

Media Independent Handover Services

- **Ajay Rajkumar Chairman, Documentation, Voting Rights, Voting Tokens**
- **Vice-Chair, OPEN**
- **WG Secretary, OPEN**

IEEE-SA Standards Board Bylaws on Patents

in Standards

6. Patents

IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard. This assurance shall be provided without coercion and prior to approval of the standard (or reaffirmation when a patent becomes known after initial approval of the standard). This assurance shall be a letter that is in the form of either

- a) A general disclaimer to the effect that the patentee will not enforce any of its present or future patent(s) whose use would be required to implement the proposed IEEE standard against any person or entity using the patent(s) to comply with the standard or
- b) A statement that a license will be made available without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination

This assurance shall apply, at a minimum, from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable during that period.

Approved by IEEE-SA Standards Board – March 2003, May 2004

Inappropriate Topics for IEEE WG Meetings

- Don't discuss licensing terms or conditions
- Don't discuss product pricing, territorial restrictions or market share
- Don't discuss ongoing litigation or threatened litigation
- Don't be silent if inappropriate topics are discussed... do formally object.

**If you have questions,
contact the IEEE Patent Committee Administrator
at patcom@ieee.org**

Approved by IEEE-SA Standards Board – December 2002

General Information

- Meetings governed by Roberts Rules of Order. latest edition
- Meetings operated under published IEEE 802 and IEEE 802.11/.20 Policies and Procedures
 - IEEE 802.11 Policies and Procedures
 - document: IEEE 802.11-00/331r7 (on the 802.11 Website)
 - IEEE 802.15 Policies and Procedures
 - document: 99001r6P802-15_Policies and Procedures
 - IEEE 802.20 Policies and Procedures
 - document: 802.20 – PD -05
- Participation and Representation
- Individual representation and voting.... Not by company!!!
- Open participation with conference fee
 - www.IEEE802.org/11 802.11 working group web page
 - www.IEEE802.org/15 802.15 working group web page
 - www.IEEE802.org/18 802.18 working group web page
 - www.IEEE802.org/19 802.19 working group web page
 - www.IEEE802.org/20 802.20 working group web page
 - www.IEEE802.org/21 802.21 working group web page
- Photography not permitted unless approved by WG Chair
- Audio taping of IEEE 802.11/.15 meetings is NOT allowed
- Media – Press and Analyst briefings
 - Only the 802.11/.21 Chair and Vice-Chairs are allowed to give verbal statements/interviews to the media on behalf of IEEE 802.11/.21 WG

Old Document – Submissions for 802.11

- The file name starts with:
- File names and document format: `gg-yy-sss[l]r(n)-G-HumanName.ext`
- where
 - "gg" is the 802 group
 - "yy" is the last digit of the year
 - "sss" is the sequence number of the document
 - "l" is an optional letter "A" added to the document number
 - (for companion documents as a Power Point Presentation on
 - a Word document submission
 - "r" is the letter r
 - "n" is the revision number
 - "G" is the group to which the document assigned to (see above
 - in the document list)
- The human name should be as short as possible.
- (please use either a dash or underscore for the coupling letter)
- Try to avoid adding the TG in the name.
- **Example:**

[11-01-462r8-W-New-Participant-Orientation.ppt](#)

See Harry Worstell – Vice Chair for document – submission numbers

Document – Submissions for 802.15

- File names and document format: yysssrnP802-15_TGx-title.ext
- where
 - "yy" is the last digit of the year
 - "sss" is the sequence number of the document provided by the Chair
 - "r" is the letter r
 - "n" is the revision number
 - "x" is the group to which the document assigned to (see above
 - in the document list, e.g. TG3, SG3a or WG)
- The title should be as short as possible with dashes between all words.
- Try to avoid adding the TG in the name.
- **Example:**
 - 01273r0P802-15_TG3-sample-document.doc
- **Boiler Plate is available, copyright statement MUST be on all submissions.**

Document – Submissions for 802.18

- The file name starts with:
- File names and document format: `gg-yy-sss[1]r(n)-G-HumanName.ext`
- where
 - "gg" is the 802 group
 - "yy" is the last digit of the year
 - "sss" is the sequence number of the document
 - "1" is an optional letter "A" added to the document number
(for companion documents as a Power Point Presentation on a Word document submission)
 - "r" is the letter r
 - "n" is the revision number
 - "G" is the group to which the document assigned to (see above in the document list)
- The human name should be as short as possible.
- (please use either a dash or underscore for the coupling letter)
- Try to avoid adding the TG in the name.
- **Example:**

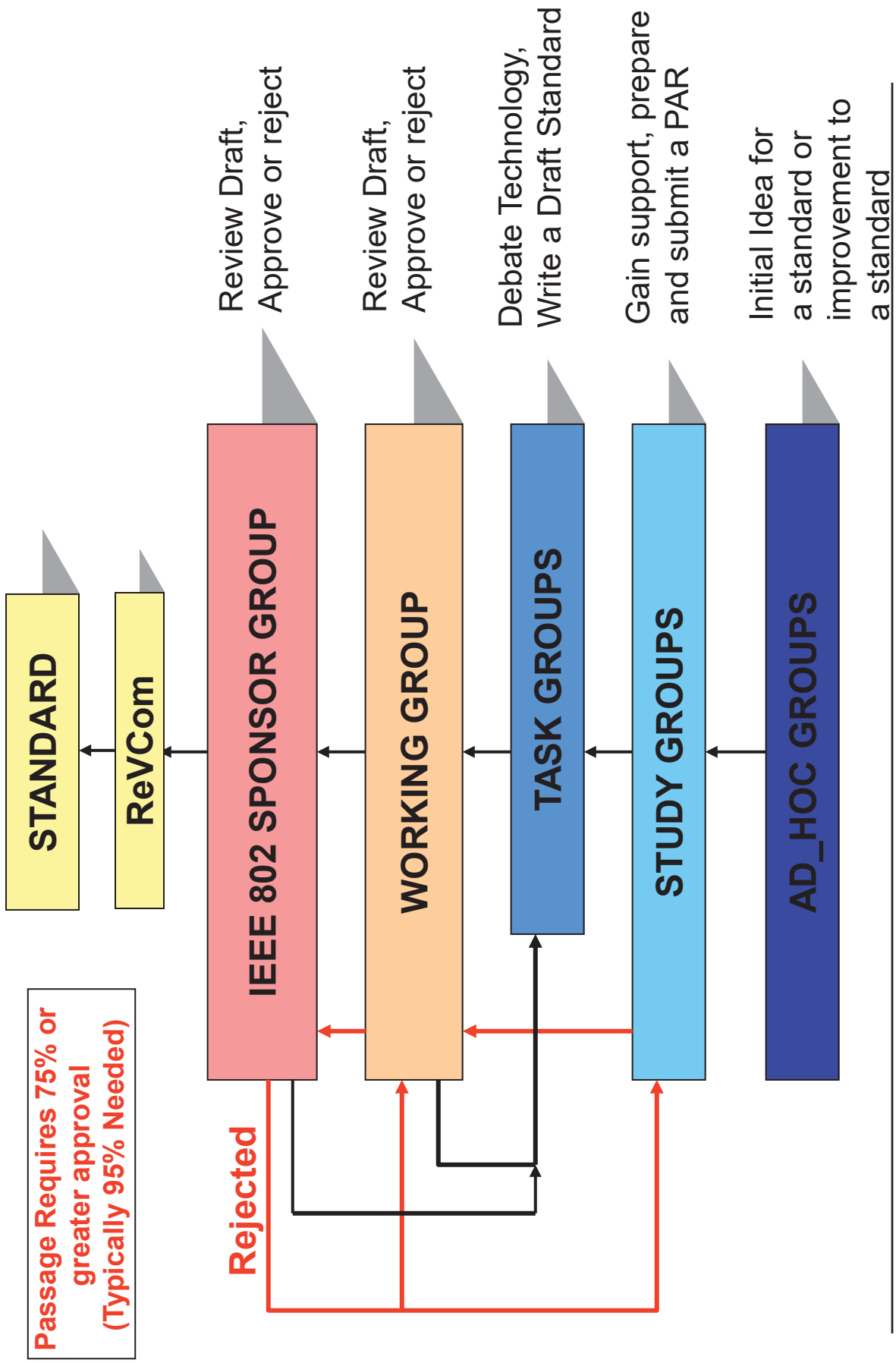
[18-01-462r5-W-New-Participant-Orientation.ppt](#)

See Carl Stevenson – Chair for document – submission numbers

Voting Rights

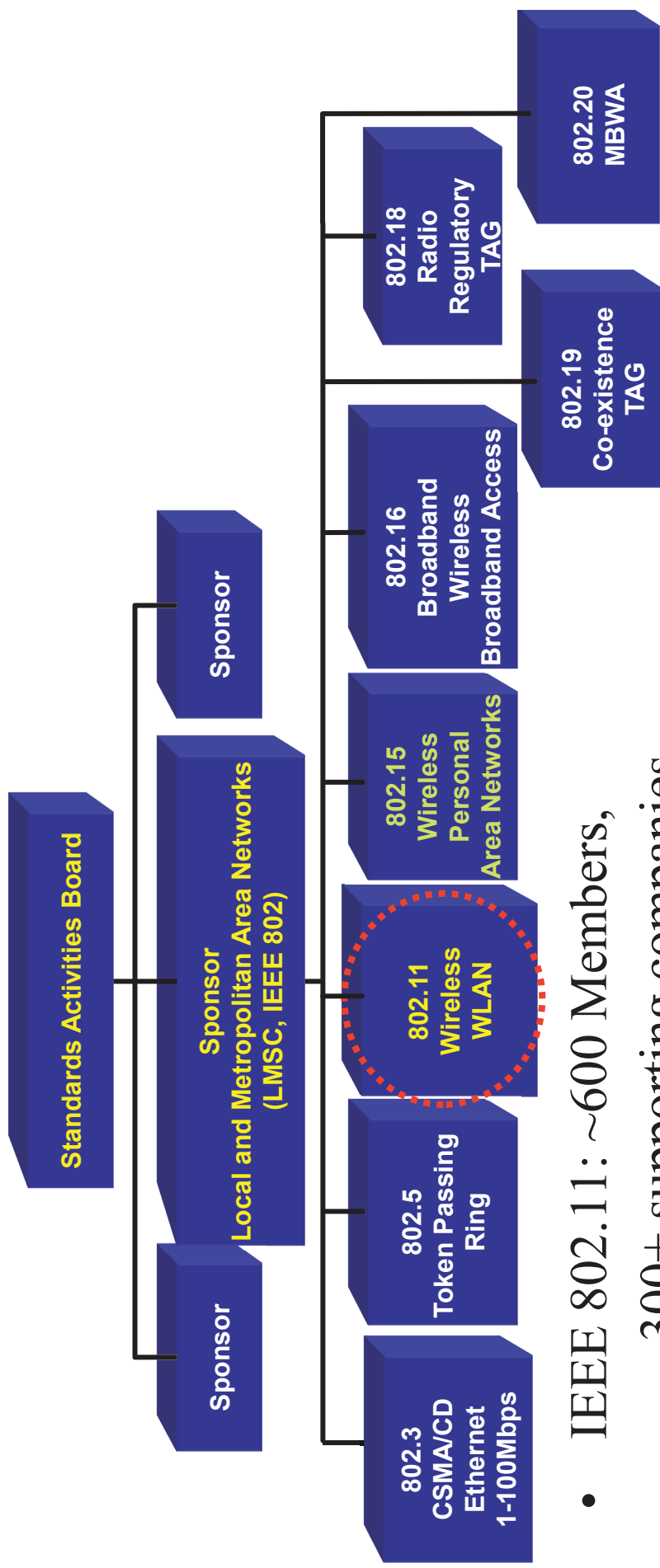
- Earned by attending and participating in meetings for each session in progress.
- Two (2) types of meeting sessions
 - Plenary: ...3 sessions per calendar year (March, July, November)
 - Organized by IEEE 802
 - Interim: .. Currently 3 sessions per calendar year (January, May, September)
 - Organized by working group IEEE 802.11/.20 and sponsored by a host
- Voting rights can be earned by participation in [2 plenary sessions within 4 consecutive plenary sessions](#)
 - One (1) Interim session may be substituted for a plenary
 - Definition of [participation](#).....
 - Must be present in at least 75% of ALL meetings in a session
- 802.11 and 802.15 voters [attending 802.18](#) will receive voting credit for maintaining voting rights in 802.11 and 802.15

IEEE 802: Standardization Process



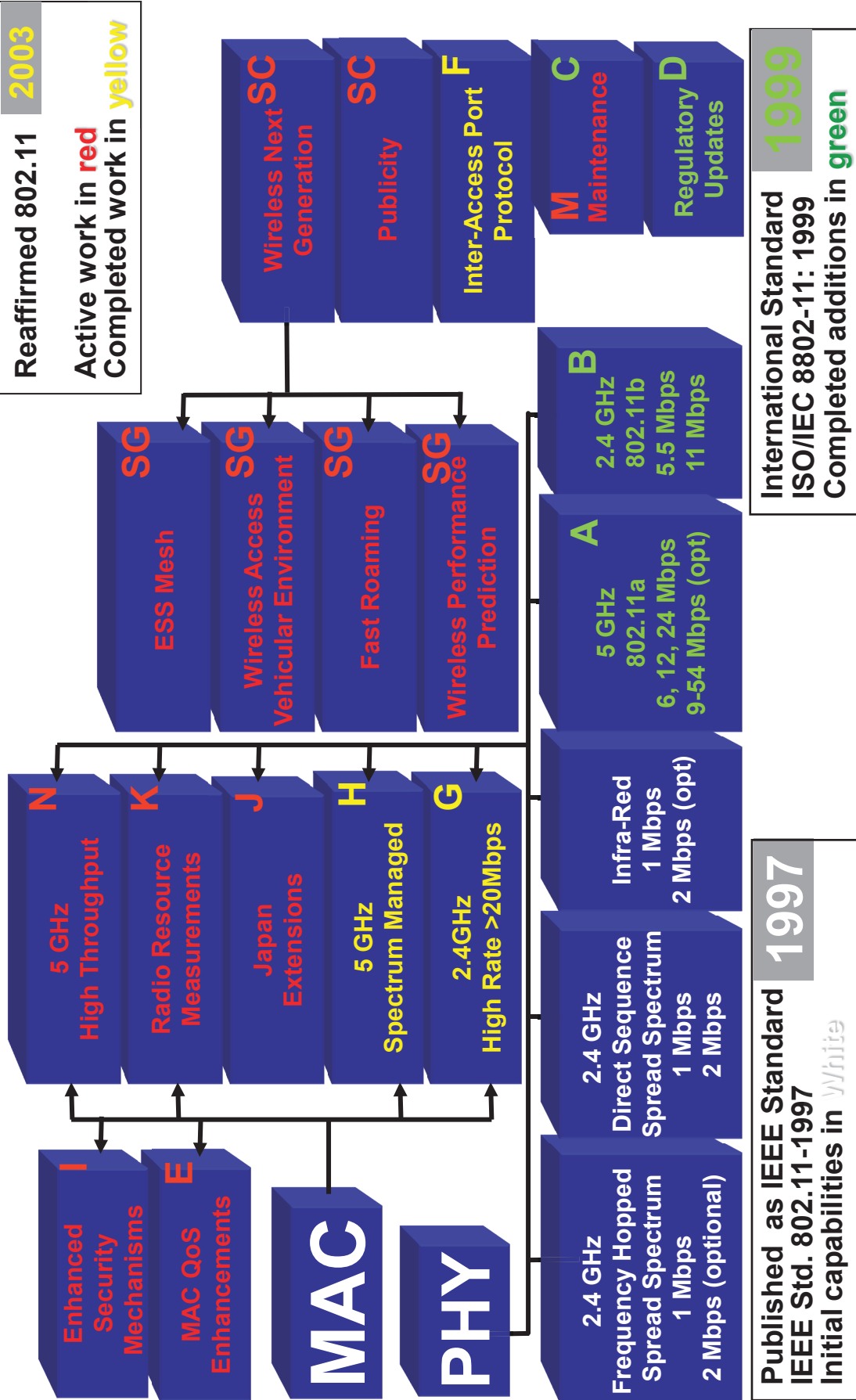
802.11: Standards Organization in IEEE

IEEE Standards Association

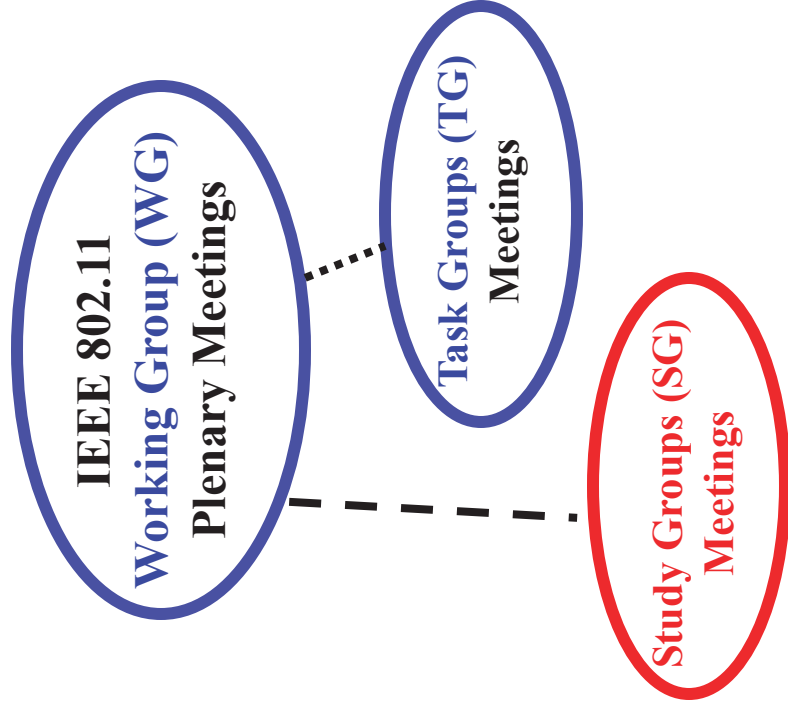


- IEEE 802.11: ~600 Members, 300+ supporting companies
- www.ieee802.org/11

IEEE 802.11 Architecture



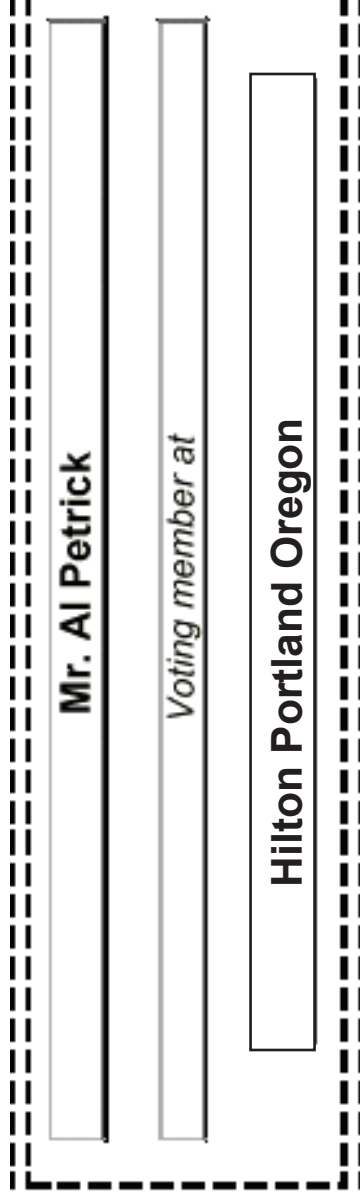
Voting Rights (cont.)



- Must be present at a session to VOTE
- Participation in debates, Motion(s) moved, seconded is only permitted by VOTING members in ALL 802.11,.15,18,19,20 meetings
- However **WG & TG** Chairs may permit observers/attendees to participate in debates and discussions....
- In **Study Groups** ALL attendees and have VOTING rights

Voting Tokens

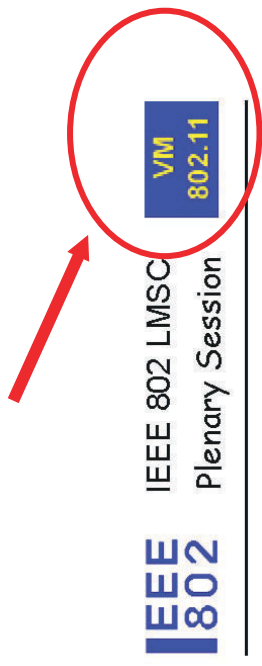
- Once you become a Voter, a Voting “token” will be printed for each session and can be obtained at the opening of a session, providing you have paid your attendance fee!
- Display session Badge at ALL times
- If you loose your Voting token during a session please see Al Petrick, Harry Worstell or Stuart J. Kerry for a replacement in 802.11.
 - See Rick Alfvin for 802.15 voting tokens
 - See Carl Stevenson for 802.18 voting tokens
 - See Steve Shellhammer for 802.19 voting tokens
 - See Gang Wu for 802.20 voting tokens
- Voters are required to use this “token” when a vote in progress on a Motion.
Acrobat Document



Voting Tokens

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- Display session Badge at ALL times
- If you loose your Voting token during a session please see Al Petrick, Harry Worstell or Stuart J. Kerry for a replacement in 802.11.

Registration badges are Voting Tokens for 802.11



- Acrobat Document**
- See Bill Alfoni for 802.15 voting tokens
 - See Carl Stevenson for 802.18 voting tokens
 - See Jerry Upton for 802.20 voting tokens
- Voters are required to use this “token” when a vote in progress on a Motion.

AI
PETRICK
IceFyre

July 2004 Portland

Becoming a Voter

- Pay conference fee
- Provide contact/email information



• “Participate” in 75% of ALL meetings of 1st session

- Get added to the IEEE 802.11 email reflectors

• Must attend 75% of ALL meetings of a session

• “Participate” in 2 out of 4 consecutive Plenary sessions

- However you can substitute (1) Interim for a Plenary session
- Get access to “Members Only” IEEE 802.11/.15 WG
- If present, at this session, you become a Voting member

- Participate in Working Group Letter Ballots
- Open to Nomination for Officers, & Chair

Access to the Website

- When you become an “Aspirant”
 - Your email address is added to the technical reflector
 - Stds-802-11
- When you become a “Nearly Voter”
 - You get access to the “Members Only” private section of the website
 - Member ID and Password
 - Includes documents of draft standards for the “task groups

Achieving Voting Rights

If you start on a “Interim”

2004		2004		2004	
May Interim	July Plenary	Sept Interim	Nov Plenary	B- E-	New Part. Aspirant
B- E-	B- E- Aspirant Nearly Voter	B- E- Nearly Voter Nearly Voter	B- Voter		

B = Beginning
E = End

Substitute an **“Interim”** for a Plenary
Must participate in 2 out of 4 Plenary Sessions

Note: 802.11/20 voter rights begin at the **“start”** of the plenary.

Achieving Voting Rights

If you start on a “Plenary”

2004	2004	2004
July Plenary	Sept Interim	Nov Plenary
B- New Part. E- Aspirant	B- Aspirant E- Nearly Voter	B- Voter

B = Beginning

E = End

Substitute an **“Interim”** for a Plenary

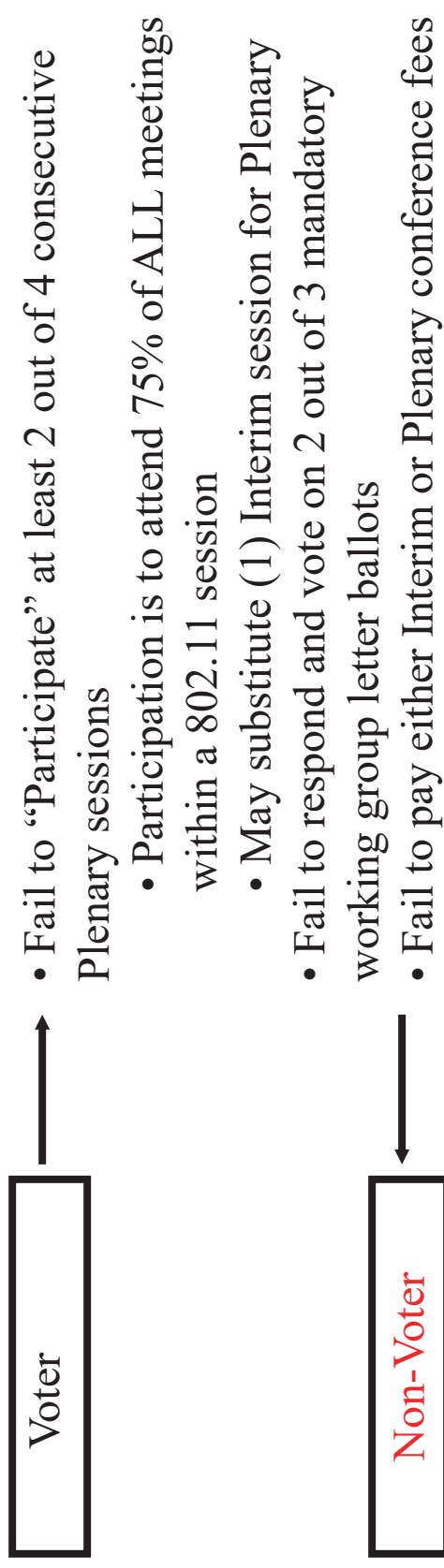
Must participate in 2 out of 4 Plenary Sessions

Note: 802.11/20 voter rights begin at the **“start”** of the plenary.

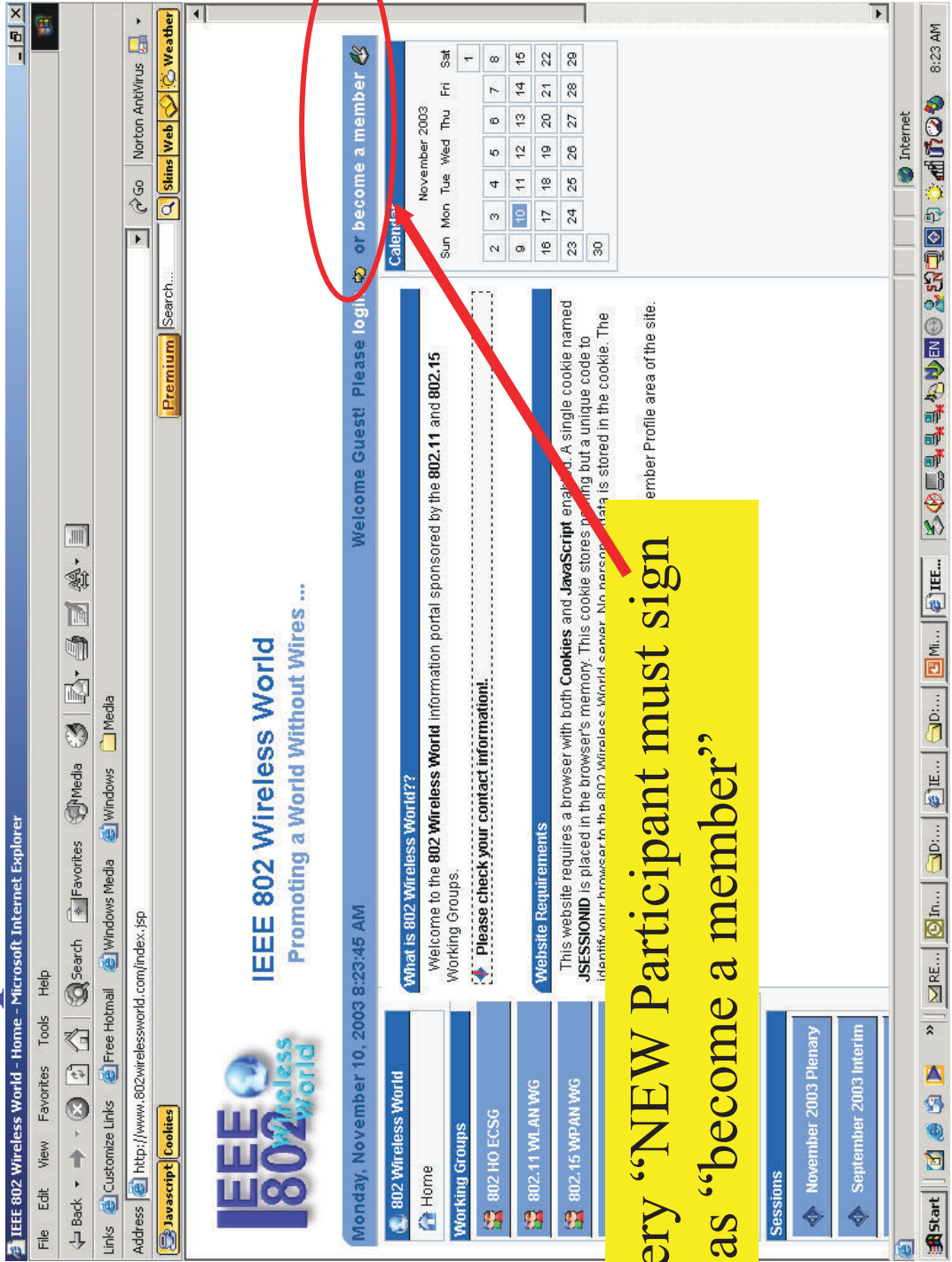
Maintaining Voting Rights

- Every voter is responsible for keeping track of their voting status as recorded on the electronic attendance server www.802wirelessworld.com
- In the Event of Discrepancies...bring it the attention of Al Petrick - 802.11, Rick Alfvín for 802.15, Carl Stevenson – 802.18, Jerry Upton - 802.20

• How to loose voting rights.....

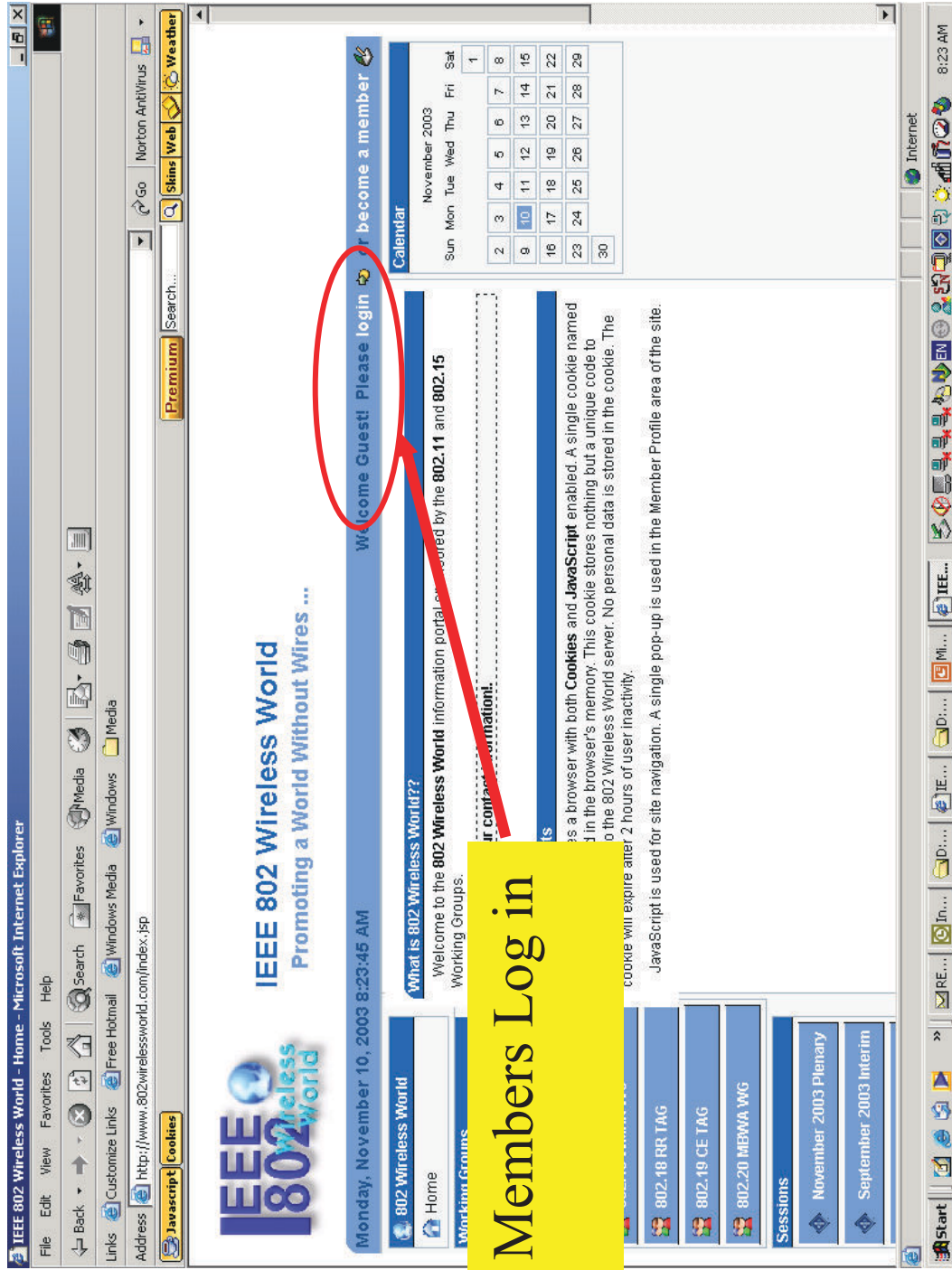


<http://www.802wirelessworld.com>



Every "NEW Participant must sign in as "become a member"

http://www.802wirelessworld.com

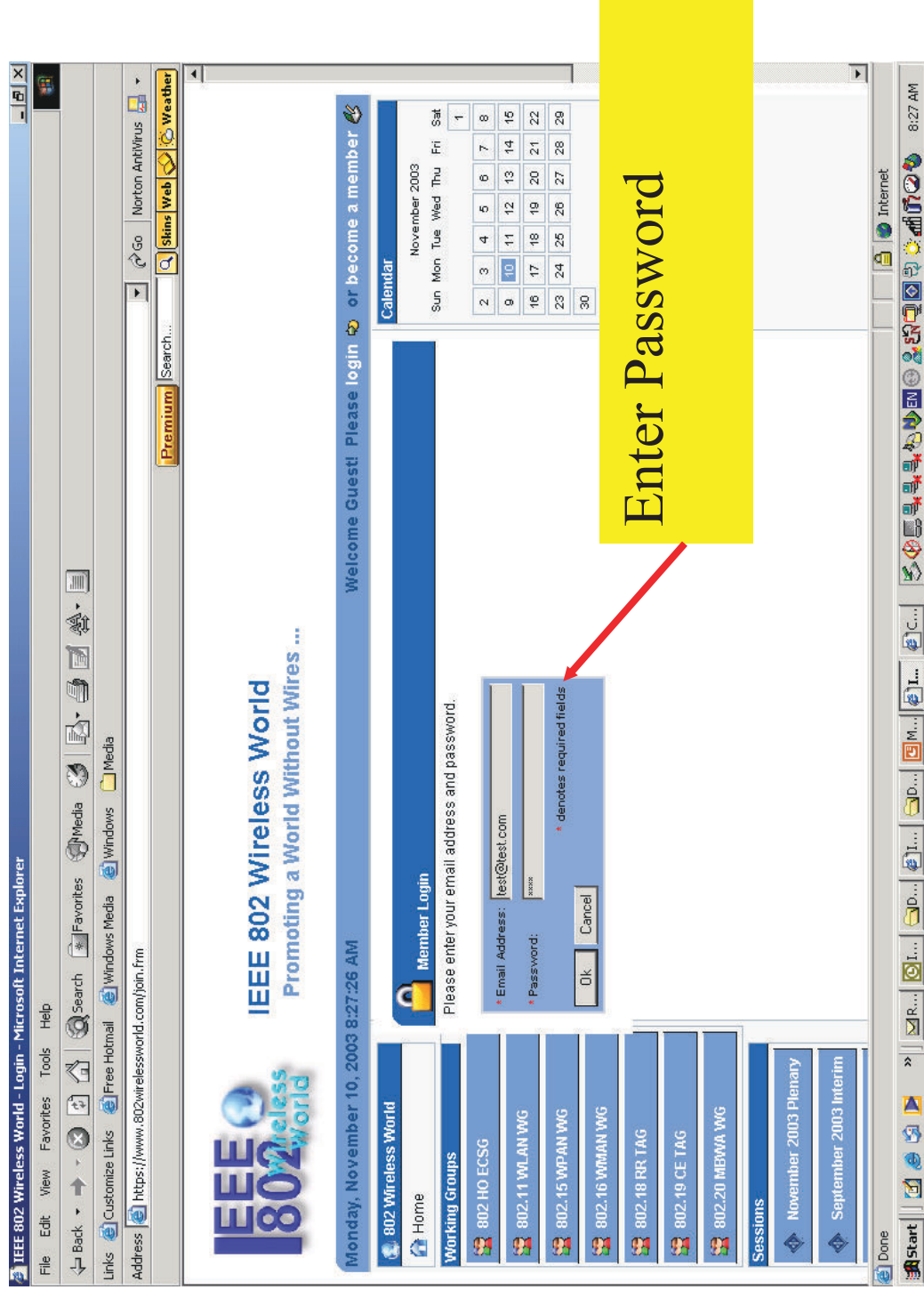


Existing Members Log in

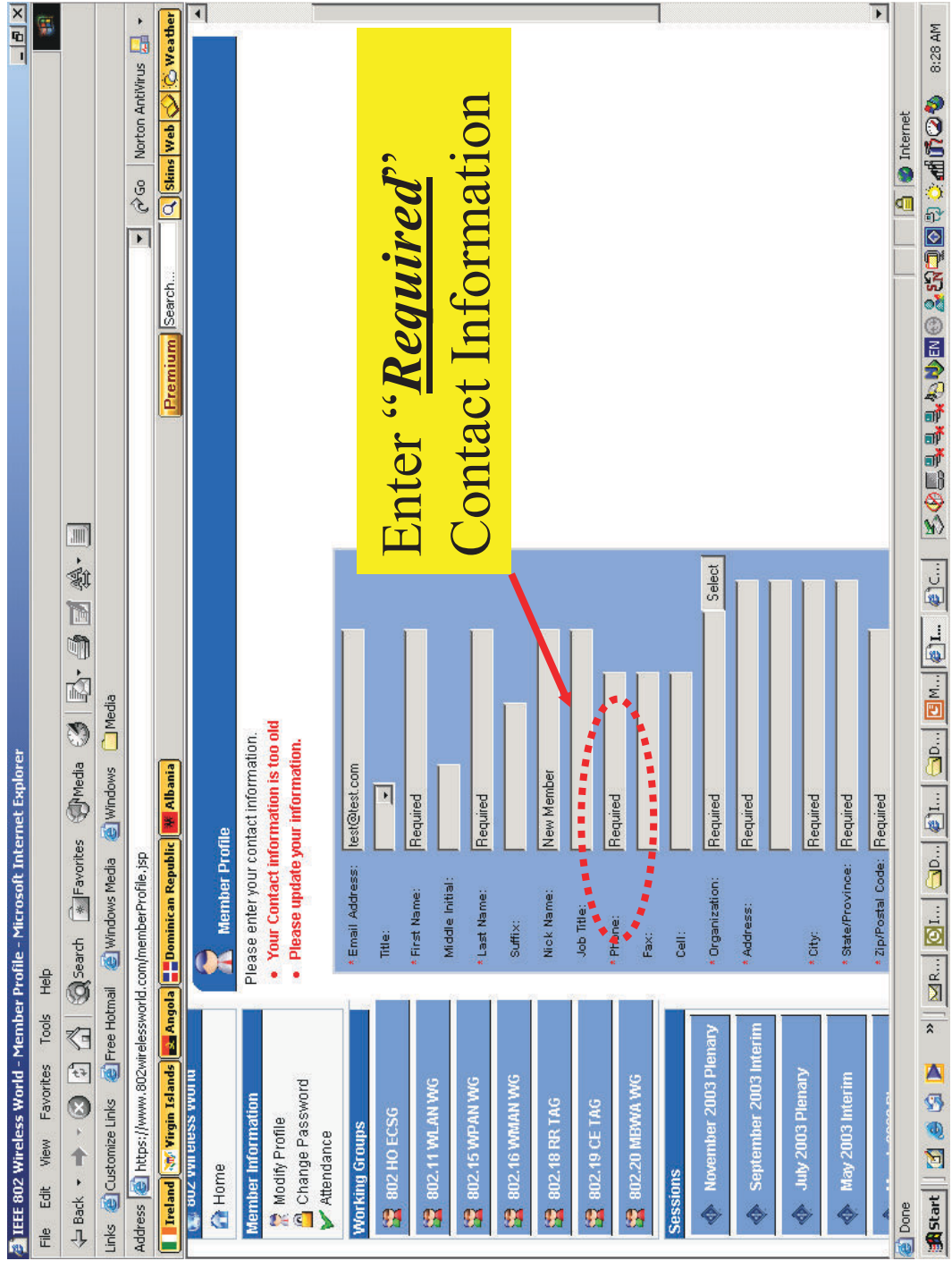
http://www.802wirelessworld.com

The screenshot shows a Microsoft Internet Explorer browser window displaying the IEEE 802 Wireless World website. The browser's address bar shows the URL <https://www.802wirelessworld.com/join.jsp>. The website header includes the IEEE 802 Wireless World logo and the tagline "Promoting a World Without Wires ...". A navigation menu lists various working groups and sessions. The main content area features a "Create an account" section with the following text: "You need an account to access some functions of this site. Please enter your email address and a password to create an account, and you will then be forwarded to the login page." Below this text is a registration form with three input fields: "Email Address:", "Email Address (again):", and "Password:". A red arrow points from a yellow callout box to the "Email Address:" field. The callout box contains the text: "Enter email address And Password Join as a New member". The form also includes "Ok" and "Cancel" buttons. A calendar widget for November 2003 is visible in the top right corner of the page content.

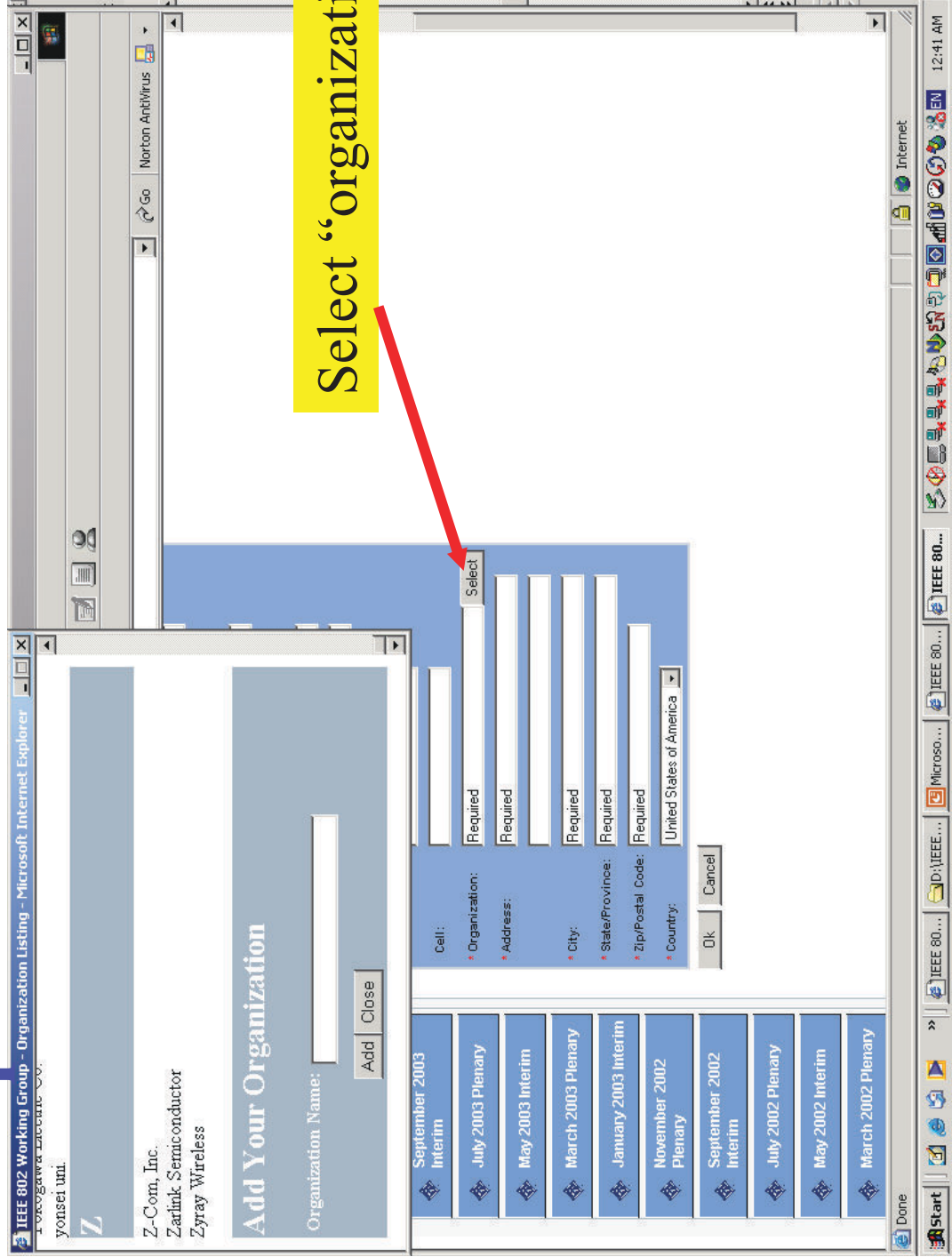
http://www.802wirelessworld.com



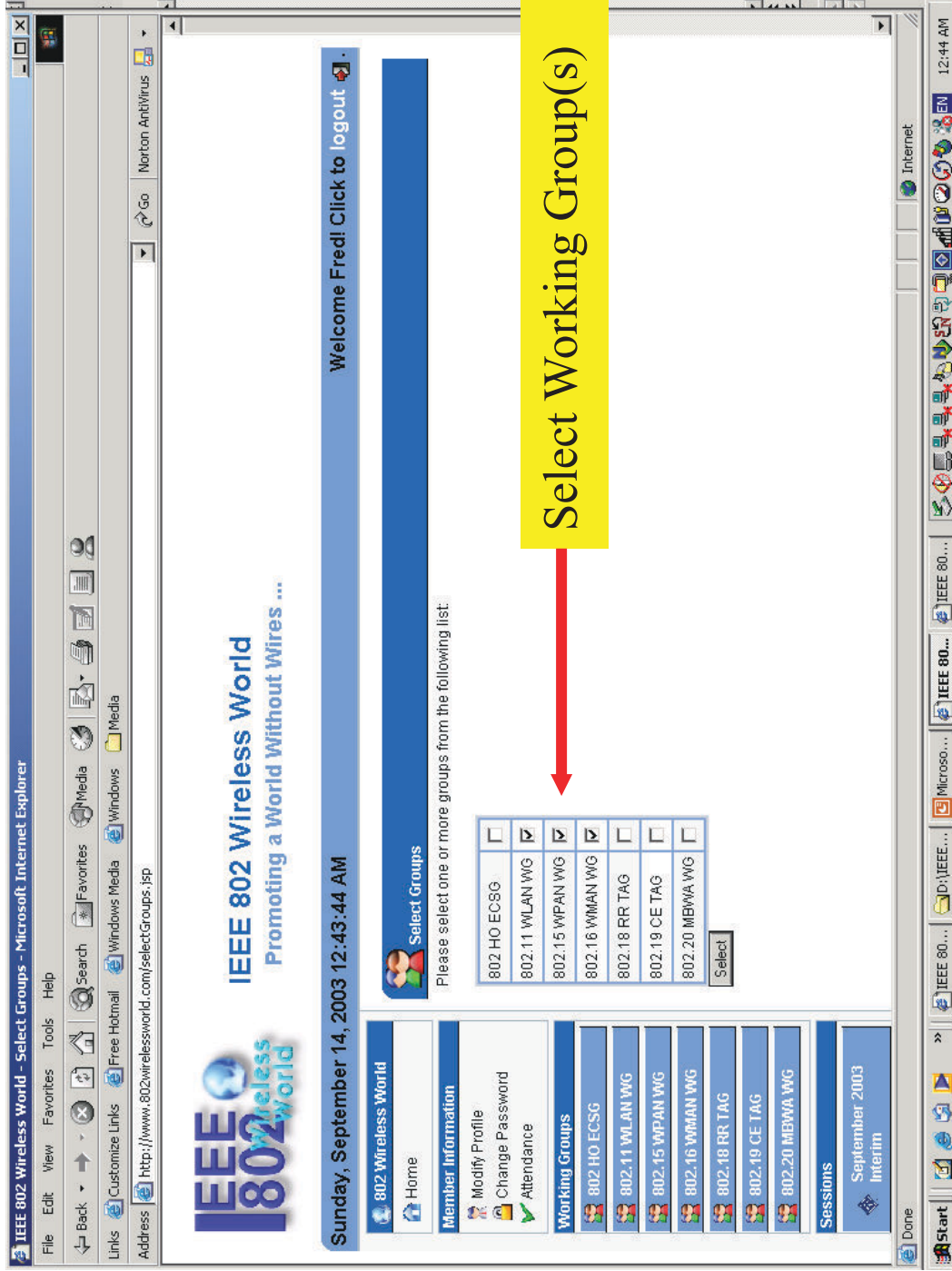
http://www.802wirelessworld.com



<http://www.802wirelessworld.com>



<http://www.802wirelessworld.com>



<http://www.802wirelessworld.com>

IEEE 802 Wireless World
Promoting a World Without Wires ...

Sunday, September 14, 2003 12:45:34 AM

Welcome Fred! Click to logout

Selected Meeting Attendance at September 2003 Interim for Fred, Fred - fred@bedrock.com

	Sep 15	Sep 16	Sep 17	Sep 18	Sep 19
AM1	Open	Open	Open	Open	Open
AM2	Open	Open	Open	Open	Open
PM1	Open	Open	Open	Open	Open
PM2	Open	Open	Open	Open	Open
Evening	Open	Open			

Daily Session Schedule

	Mon, Sep 15
AM1	PENDING
AM2	PENDING
PM1	PENDING
PM2	PENDING
Evening	PENDING

Voting Status Credit

Group	G	M
802.11 WLAN WG	0.00%	0.00%
802.15 WPAN WG	0.00%	0.00%
802.16 WMAN WG	0.00%	0.00%

Legend

- G - Gain Credit
- M - Maintain Credit

802 Wireless World

- Home
- Member Information
 - Modify Profile
 - Change Password
 - Attendance
- Working Groups
 - 802 HO ECSG
 - 802.11 WLAN WG
 - 802.15 WPAN WG
 - 802.16 WMAN WG
 - 802.18 RR TAG
 - 802.19 CE TAG
 - 802.20 MBWA WG
- Sessions
 - September 2003 Interim
 - Info

http://www.802wirelessworld.com

IEEE 802 Wireless World
Promoting a World Without Wires ...

Monday, November 10, 2003 8:31:51 AM

Selected Meeting Attendance at November 2003 Plenary for

	Nov 10	Nov 11	Nov 12
AM1	Open	Open	Open
AM2	Open	Open	Open
PM1	Open	Open	Open
PM2	Open	Open	Open
Evening	Open	Open	Open

Working Groups

- 802.10 ECSSG ✓
- 802.11 WLAN WG ✓
- 802.15 WPAN WG ✓
- 802.16 WMAN WG ✓
- 802.18 RR TAG ✓
- 802.19 CE TAG ✓
- 802.20 MBWA WG ✓

Daily Session Schedule
Mon, Nov 10

- PM1: CLOSED
- PM2: CLOSED
- Evening: PENDING

Voting Status Credit

Group	Gain Credit	Maintain Credit
802.10 ECSSG	0.00%	0.00%
802.11 WLAN WG	0.00%	0.00%
802.15 WPAN WG	0.00%	0.00%
802.16 WMAN WG	0.00%	0.00%
802.18 RR TAG	0.00%	0.00%
802.19 CE TAG	0.00%	0.00%

Callout Box:

- 16 official meetings for the session
- 1 credit per meeting
- Evening meetings count for 1 credit
- Must attend 12 meetings for 75% attendance

<http://www.802wirelessworld.com>

The screenshot shows a Microsoft Internet Explorer browser window displaying a website. A large yellow rectangular area is overlaid on the page, containing the following text:

- **G – Gain Credit**
- You will gain credit for each meeting you attend for the respective WG you are associated
- **M – Maintain Credit**
- If you attend 802.18 meetings you will maintain voting credit towards 802.11 or 802.15 (as long as you have voting rights Established in 802.11 or 802.15)

Below the yellow area, the browser window shows a table titled "Voting Status Credit" with the following data:

Group	G	M
802.11 WLAN WG	0.00%	0.00%
802.15 WPAN WG	0.00%	0.00%
802.16 WMAN WG	0.00%	0.00%

A legend below the table indicates:

- G - Gain Credit
- M - Maintain Credit

The browser window also displays a "Daily Session Schedule" for Monday, Sep 15, with sessions AM1, AM2, PM1, PM2, and Evening, all currently showing as "PENDING".



Sunday, July 20, 2003 6:52:48 P

802 Wireless World
Home

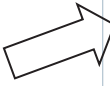
Member Information
Modify Profile
Change Password
Attendance

Working Groups

- 802 HO ECSSG
- 802.11 WLAN** WG ✓
- 802.15 WPDAM WG ✓
- 802.16 WWMAN WG
- 802.18 RR TAG
- 802.19 CE TAG
- 802.20 MEBWA WG

Doc Submissions Process

Click this tab



Document Listing | **Document Control Numbers**

Working Group Document Listing

View | Date and Time Submitted | Order | Descending | Update List

Date and Time Submitted	DCN	Document Title
FTP Access		
FTP access to the Document Server is also available with the following parameters:		
Host Name:	ftp.802wirelessworld.com	
Login:	ieee	
Password:	wireless	

Working Groups

- 802 HO ECSSG
- 802.11 WLAN WG ✓
- Info
- Membership status
- Documents**

Doc Submissions Process

Document Listing Document Control Numbers

Document Control Numbers

Your current limit of pending DCNs is **5**.
Use this form to request a Document Control Number.

1

2

Sub-Group	-- Working Group --
Document Title	Sample Document Name
Author (Company)	Somebody (somecompany)
Request DCN	

Pending Document Submissions

This area contains the **Document Control Numbers** which you have requested.
To change the records displayed, select the desired view: Pending

Document Submission

Use this form to submit documents to the Working Group.

File Name

Browse...

Submit File

Doc Submissions Process

Document Listing
Document Control Numbers

Document Control Numbers

Your current limit of pending DCNs is **5**.
Use this form to request a Document Control Number.

Sub-Group	-- Select --			
Document Title				
Author (Company)				
Request DCN				

Pending Document Submissions

This area contains the **Document Control Numbers** which you have requested.
To change the records displayed, select the desired view: Pending

Date Requested	DCN	File Name
2003-07-20	11-03-00-18-00-0000	sample-document-name
Document Title: Sample Document Name		
Author (Company): Somebody (some company)		

Document Submission

Use this form to submit documents to the Working Group.

File Name	Submit File
11-03-0018-00-0000-sample-document-name.ppt	Browse...

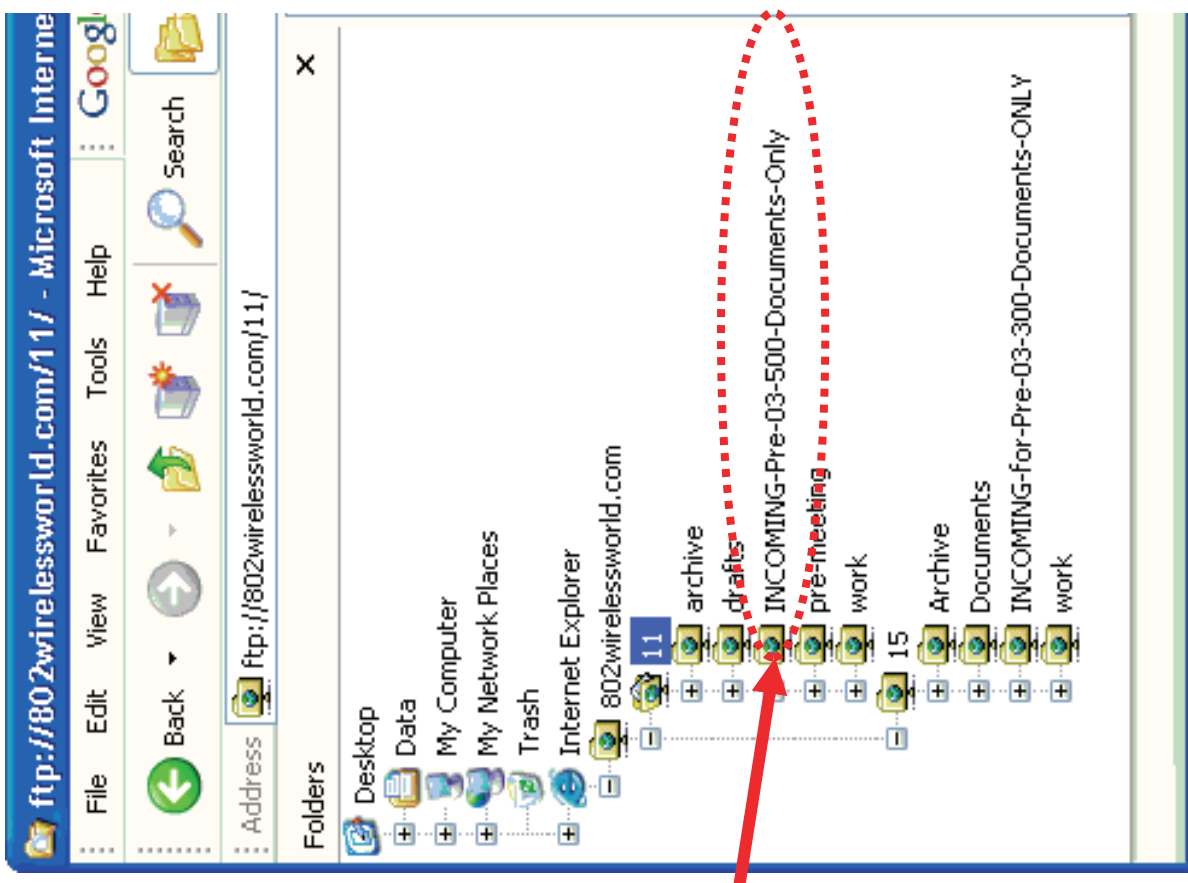
To submit a revised Document Change revision Number in the File name

Enter filename (as it is on your computer)

.....or..... just browse to the file on your computer, finally

Revised Doc Submission

- Revisions to documents should be transferred by FTP to the working area(s) on Pluto.
- <ftp://802wirelessworld.com/11>



Wireless Network Information

- Only 802.11b networks are available
- SSID (case sensitive)
 - IEEE
- Enable DHCP in the Netcard's TCP/IP properties
 - “Obtain IP Address Automatically”
- No WEP is being used. Be sure your WEP is disabled.
- Outgoing SMTP Server is 10.0.1.1
mail.802wirelessworld.com

Attendance Server

- Electronic Attendance and Document Number Server: 802WirelessWorld
 - Access in web browser as:
<http://www.802wirelessworld.com/>
 - Static IP of local server is 10.0.1.3
- This site will continue to be available on the Internet between meetings.

File Server information (new)

- Meeting File Server (802.11 and 802.15)
 - PLUTO 10.0.1.3 (AKA 802wirelessworld)
 - Meeting Document Access (only via FTP)
 - FTP Login - **user: IEEE** **password: wireless**
 - [ftp://pluto](ftp://pluto or ftp://www.802wirelessworld.com) or <ftp://www.802wirelessworld.com>
 - Contains multiple Working Group directories
 - Document Submissions
 - Via web site at www.802wirelessworld.com
 - Documents link under your working group link
 - Note – some Working Groups may not use this for document submissions yet. Currently, 802.11, 802.15, and 802 Handoff SG are using this method. Other servers are still on-line for other Working Groups. Check with your WG for status.

Other WG server information

- 802.15: MARS
 - Replaced by <ftp.802wirelessworld.com>
- 802.18, 19, and 20: 802-18-19 10.0.1.18
 - 802.18 Radio Regulatory \\802-18-19\RadioReg
 - 802.19 Coexistence \\802-18-19\Coexistence
 - 802.20 MBWA \\802-18-19\MBWA
 - 802.20 MBWA \\802-18-19\MBWA-Subm

Troubleshooting

- Make sure your wireless association is to **SSID: IEEE**
 - There are several other wireless networks in the area
- Make sure you have an IP address
 - Run IPCONFIG and be sure your IP address is 10.0.x.x
- If you can't access or find a particular server
 - Ping it – is the address being pinged in some other range than our local network 10.0.x.x? Is the name being pinged something like pluto.yourcompany.com? That means you have some other host with the same name on your home network.
 - To solve, run: IPCONFIG /flushdns from a command prompt to flush your DNS cache.

Network and Electronic Assistance

- Help desk
 - Outside of the Ballroom
 - During regular IEEE 802 registration hours
 - 8AM til 5PM
 - See Doug Hock or Tony Awtrey
 - IDEAL Corporation

IP and Virus Protect!

- Enable DHCP and **Do NOT** configure your wireless card with a static IP address!
- **Do NOT** enter the wireless network without having the most current
 - Virus Protection installed,
 - Firewall installed
 - Microsoft security updates

and turned on !

*Enjoy IEEE 802
at the
Hilton Towers
Portland, Oregon*