



*Our Vision: The NGEC will provide national leadership in standardization, acquisition, and management of passenger rail equipment.*

## SECTION 305 NGEC Executive Board

MINUTES

NOVEMBER 15, 2022

11:30 EASTERN

CONFERENCE CALL

<b>FACILITATOR</b>	<i>Ray Hessinger, Chair S305 NGEC Executive Board</i>
<b>ATTENDEES</b>	<b>Board Members:</b> Ray Hessinger, George Hull, Tim Ziethen, Jeff Gordon, Kyle Gradinger, Jon Dees for Jason Orthner, Jason Biggs, Jason Biggs also as proxy for Troy Hughes, Amanda Martin, and John Oimoen, Mike Jenkins, Brian Beeler II <b>Support Staff and Colleagues:</b> Steve Hewitt, Joe Paul, Dave "Mr. Emeritus/Cone" Warner, Mike Murray, Tammy Krause, Strat Cavros, Larry Salci
<b>ABSENTEES</b>	<b>Board Members:</b> Ron Pate, John Oimoen, Troy Hughes, Amanda Martin, Richard Kedzior, Jason Orthner <b>Support:</b> Shayne Gill, Rebecca Anger, Patrick Centolanzi

### DECISIONS MADE

**1.**

**Welcome – Ray Hessinger, Chair, S305 NGEC Executive Board:**

Chairman Ray Hessinger, NYSDOT, opened the meeting and asked Steve Hewitt to call the roll.

**2.**

**Roll Call –Steve Hewitt, NGEC Program Manager:**

Following the roll call, Steve Hewitt confirmed the presence of a quorum.

**3.**

**Action items Review – Steve Hewitt:**

Steve Hewitt briefly reviewed the status of open action items not covered under the agenda this week and noted they will be included on the next call agenda, and the status of each is included in today's minutes 11-15-22.

**Industry Participation:**

Industry involvement continues to be consistent at just over two hundred participants.

**2022 NGEC two-pager Handout Flyer:**

The 2022 version of the two-page educational flyer remains available in both electronic and hard copy.

To date 625 copies have been distributed.

The FASC has provided recommended updates for the 2023 version of the two-pager. These recommendations will be discussed under agenda item 9 b.

**VIA Rail Equipment Procurement:**

On 2-25-22 – during the 12<sup>th</sup> NGEC Annual Meeting, VIA Rail provided a comprehensive update on its vehicle procurement.

The PowerPoint presentation was distributed and is posted to the website.

---

Steve Hewitt will reach out to VIA Rail to invite them to attend and give an update presentation at the 13<sup>th</sup> NGEAC Annual Meeting on 2-3-23.

**Next Update: As Appropriate**

**Connecticut DOT Rail Car Procurement:**

On 10-12-22, Marci Petterson reported that they have just finished answering the second round of questions and are now going into the third round. The request for proposals deadline has been extended until January 2023.

**Next Update – as appropriate**

**Metro-North Dual Mode Locomotive Procurement:**

On 11-1-22, Ray Hessinger, NYSDOT, reported that the timing of his updates based on when he receives them from Metro-North are about a month old. He expects to get the next update soon.

By the beginning of October, Siemens had submitted all FDR documents to Metro-North. There were 33 documents submitted. Of those, 14 topics are closed with 19 under review. A series of meetings were scheduled throughout the month of October to continue the review of the 19 open topics.

**Amtrak Vehicle Procurements:**

On 11-1-22, George Hull, Amtrak, reported on the following Amtrak procurements:

On the Charger Long Distance Service (ALC-42) Locomotive:

They are progressing well with an outstanding cab signal issue being worked out. There are 16 units in service and more shipments are planned once the cab signal issue is resolved.

The locomotives in service are being run on the City of New Orleans, California Zephyr, and on the Empire Builder. All-in-all it is going well.

On the new Acela:

They continue to progress qualifications with the FRA and are doing testing to support modeling. Service is anticipated for late 2023 or early 2024.

On the Intercity Trainset (ICT):

Final Design Review (FDR) is progressing well. Amtrak is looking at facilities to support the ICT's as well.

**4. Approval of the Minutes from the 11-1-22 NGEAC Executive Board Meeting – Ray Hessinger, NYSDOT:**

On a motion by Brian Beeler II for Maine DOT, and a second by Jason Biggs for WSDOT, the minutes from the Executive Board Meeting held on 11-1-22 were approved as submitted.

**5. Update: Multi-State Rail Car Procurement as of 11-15-22, Kyle Gradinger, Caltrans:**

Kyle Gradinger, Caltrans, provided the following update for inclusion in today's minutes (11-15-22):

*The remaining Cab Car FDRs are in the final review and closure stage and the Cab Car dynamic framing representative approach has been submitted to FRA for review. IDOT Café Car system level FDR reviews are nearly closed.*

*The Cab Car Collision and Corner Post Appendix F testing is complete, and the Rev B test report has been approved. The Cab Car emergency egress demo occurred on Tuesday, October 25 with Amtrak, and FRA in attendance. The Cab Car Coupler FAI is scheduled for December 12<sup>th</sup>.*

*117 cars are in production or have been produced at Siemens Sacramento Facility. Revenue Service relevant FMIs are in progress and open items related to Conditional Acceptance are being addressed. IDOT coaches are currently in revenue service and Caltrans is planning revenue start once all necessary agreements are in place.*

**6.**

**Update: Document Control as of 11-1-22 – Tammy Krause:**

Tammy Krause provided the following update for inclusion in today's minutes (11-15-22):

*The minor updates and formatting changes to the Bi-Level Specification are under way. The technical working groups are still reviewing their DCRs, and I am going to ask for their comments back by 11/23/22.*

*I am also proposing to send the entire list of changes to the entire technical subcommittee for their comments on 11/28/22. I have not put together an entire timeline yet. The goal will be to complete the specification update by the end of the year so it can be signed at the annual meeting.*

*I have provided some requested information to two working groups and one PRIIA member in the past week, and I also continue to meet with the Technical Writer weekly.*

**7.**

**Website Refresh - Status – Ray Hessinger:**

Ray Hessinger reported that there has not yet been a response or a new web design mock-up since extensive content changes and other comments were provided to the vendor.

Ray thanked George Hull, Amtrak, for providing some great photos of NGEC equipment (7 photos of various looks at Surfliners). George stated that he is also going to provide pictures of Mid-West locomotives as well.

Ray asked Steve Hewitt to send the photos on to iEngineering for inclusion on the website. Steve agreed and noted that he will also send pictures he received from IDOT and Caltrans, as well as any additional pictures he receives.

Steve Hewitt will also request a meeting/call with iEngineering for some time during the first two weeks of December to see where they are on making the changes.

**8.**

**NGEC 20230 Annual Meeting – Ray/Steve:**

Steve Hewitt and Ray Hessinger reviewed the DRAFT NGEC Annual Meeting agenda and requested input from Board members.

No changes were recommended. The key now will be to fill out the speakers. Steve will provide a clean version of the agenda now to members for use in requesting travel approval.

Mike Murray, FRA, will let Steve Hewitt know who will give the FRA update.

Tim Ziethen and George Hull will let Steve Hewitt know who will provide the Amtrak update.

Kyle Gradinger will reach out to Stadler Rail for a representative to give a presentation on Hydrogen Fuel Cell Multiple Unit Train.

The relevant states who will be presenting will let Steve know who will give the presentation and whether or not the manufacturer will be a part of the presentation.

Steve Hewitt will reach out to VIA Rail to invite them to give an update on their vehicle procurements.

Steve reminded all members to let him know if they are attending and, if so, bin-person or virtual.

**Hotel reservation link:**

Attendees can begin booking sleeping rooms here - <https://www.hvatt.com/en-US/group-booking/WASRW/G-RA1L>. Rooms must be booked by Monday, January 9<sup>th</sup>. Room Rate is \$188 per night plus 14.95% tax.

**Questions on Hotel room reservations – contact:**

**Kamasha Hendrickson, CMP, CGMP**

Senior Meeting Planner

American Association of State Highway and Transportation Officials (AASHTO)

555 12th St, NW, Suite 1000 \*NEW ADDRESS\*  
Washington, DC 20004  
Tel: 202-624-5403  
E-mail: [khendrickson@aaashto.org](mailto:khendrickson@aaashto.org)

**9.**  
**FASC Update and Treasurer's Report – Tim Ziethen:**

**a. Balance and Spend Rate:**

Total Initial Grant Amount: \$1,250,000.  
Expenses Incurred through September 2022: \$1,047,175.29  
Balance remaining: \$ 202,824.71  
Current Spend Rate per month (as info and used in calculating): \$14,544.10  
Estimated Balance at the end of the Extension Period (Contingency): \$28,295.49

Note: New web site design is authorized, and the cost will be deducted from ending projection shown. The cost of the website will be approximately \$12,000.00.

**b. Review FASC Recommendations for updating the NGEC two-pager – Tim/Steve:**

Steve Hewitt provided an overview of recommendations in concept and updates for the 2023 version of the NGEC two-pager.

Steve noted that changes to the front page would include:

Top left corner change [www.305ngec.org](http://www.305ngec.org) to [www.ngec.org](http://www.ngec.org) the new NGEC domain name secured as a part of the web refresh.

On the Timeline (right side of page one): we will update the date for completing the latest Bi-Level update (revision D). We will also update the number of Charger Locomotives and Venture cars currently in service. Today, I received those numbers from IDOT: 82 Chargers and 30 Venture cars.

As for photos: the plan is to try to have 4 new pictures – possibly one interior and 3 exterior including WSDOT, Midwest and Caltrans.

Steve asked that he, Ray, and Tim Ziethen take on the responsibility of working with MODOT graphic arts to select pictures and formatting.

No objections were noted, and the process will go forward. Steve Hewitt will also send the photos received for the NGEC two-pager on to iEngineering.

**c. Status – Amtrak – NGEC CRISI Grant Application - Tim:**

At this point, Ray Hessinger paused for a moment to give the FRA representatives on the call a moment to step off, due to potential conflict of interest as the discussion turned to Amtrak's NGEC CRISI Grant application.

Tim Ziethen reported that the support letter request will be going out from him either today or tomorrow to the industry and states. The request email will also include a form letter that can be used, or the recipient can write their own letters. The idea is to facilitate the process and make it easier. These letters of support are critical. Members of the States for Passenger Rail coalition will receive the request for support individually as well as a request for a letter from the Coalition as a whole.

Letters of support can be sent via email to Tim Ziethen or by US mail. The turnaround time is to be very short.

The letters will be included with the application package. The application is due to FRA by 12-1-22.

As for the application itself, Tim reported that the Amtrak grant writer is still working on it. He expects a draft today (11-15-22). The application is about 2 dozen pages, so it is fairly substantial. Tim is expecting to be able to send a draft to the NGEC Board members in a day or two with comments due within a few days. The turnaround is very short on this. Comments from Board members should go directly to Tim Ziethen.

Tim is serving as the point of contact, and he is providing support to facilitate the process.

**10.**

**Other – all:**

Ray Hessinger brought up the fact that he is unavailable for the 11-29-22 Executive Board call. George Hull, Vice Chair is also not available that day. Ray noted that the Board has met twice already in November and the call can be canceled unless there needs to be a final discussion on the CRISI grant application which will be due the next day.

Ray asked Tim Ziethen (NGEC Treasurer) to chair the meeting if it is necessary to hold. Steve Hewitt will inform Jeff Gordon and Mike Murray to take the call off their schedules as the only agenda item, if the meeting is held, will be related to the CRISI grant application. (FRA has recused itself from all such discussions due to potential conflict of interest).

The call will remain, as is on the calendar, with the understanding that it is likely to be canceled.

The next full NGEC Executive Board call will take place on 12-13-22.

With no other business forthcoming, Ray Hessinger adjourned the meeting at 12:15pm Eastern.

**Next meeting – tentative for 11-29-22 and on CRISI Grant App only**

**Next full Executive Board meeting will take place on 12-13-22.**

**Decisions/Action Items**

**Treasurer’s Report – 11-15-22:**

Total Initial Grant Amount: \$1,250,000.  
Expenses Incurred through September 2022: \$1,047,175.29  
Balance remaining: \$ 202,824.71  
Current Spend Rate per month (as info and used in calculating): \$14,544.10  
Estimated Balance at the end of the Extension Period (Contingency): \$28,295.49

Note: New web site design is authorized, and the cost will be deducted from ending projection shown. The cost of the website will be approximately \$12,000.00.

**2022 NGEC Backgrounder educational document as of 11-15-22:**

The 2022 version of the two-page educational flyer remains available in both electronic and hard copy.

To date 625 copies have been distributed.

On the 2023 version of the two-pager:

On 11-15-22, Steve Hewitt provided an overview of recommendations in concept and updates for the 2023 version of the NGEC two-pager.

Steve noted that changes to the front page would include:

Top left corner change [www.305ngec.org](http://www.305ngec.org) to [www.ngec.org](http://www.ngec.org) the new NGEC domain name secured as a part of the web refresh.

On the Timeline (right side of page one): we will update the date for completing the latest Bi-Level update (revision D). We will also update the number of Charger Locomotives and Venture cars currently in service. Today, I received those numbers from IDOT: 82 Chargers and e30 Venture cars.

As for photos: the plan is to try to have 4 new pictures – possibly one interior and 3 exterior including WSDOT, Midwest and Caltrans.

Steve asked that he, Ray, and Tim Ziethen take on the responsibility of working with MODOT graphic arts to select

---

pictures and formatting.

No objections were noted, and the process will go forward. Steve Hewitt will also send the photos received for the NGEC 2-pager on to iEngineering.

**NGEC Website Refresh as of 11-15-22:**

On 11-15-22, Ray Hessinger reported that there has not yet been a response or a new web design mock-up since extensive content changes and other comments were provided to the vendor.

Ray thanked George Hull, Amtrak, for providing some great Photos of NGEC equipment (7 photos of various looks at Surf liners). George stated that he is also going to provide pictures of Mid-West locomotives as well.

Ray asked Steve Hewitt to send the photos on to iEngineering for inclusion on the website. Steve agreed and noted that he will also send pictures he received from IDOT and Caltrans, as well as any additional pictures he receives.

Steve Hewitt will also request a meeting/call with iEngineering for some time during the first two weeks of December to see where they are on making the changes.

**Status – Multi-State Rail Car Procurement:**

Status as of 11-15-22:

*The remaining Cab Car FDRs are in the final review and closure stage and the Cab Car dynamic framing representative approach has been submitted to FRA for review. IDOT Café Car system level FDR reviews are nearly closed.*

*The Cab Car Collision and Corner Post Appendix F testing is complete, and the Rev B test report has been approved. The Cab Car emergency egress demo occurred on Tuesday, October 25 with Amtrak, and FRA in attendance. The Cab Car Coupler FAI is scheduled for December 12<sup>th</sup>.*

*117 cars are in production or have been produced at Siemens Sacramento Facility. Revenue Service relevant FMIs are in progress and open items related to Conditional Acceptance are being addressed. IDOT coaches are currently in revenue service and Caltrans is planning revenue start once all necessary agreements are in place.*

**Next Update – 12-13-22**

**Status: – Connecticut DOT Rail Car Procurement:**

On 10-12-22, Marci Petterson reported that they have just finished answering the second round of questions and are now going into the third round. The request for proposals deadline has been extended until January 2023.

**Next Update – as appropriate**

**Status - Metro-North Dual Mode Locomotive Equipment:**

As of the beginning of October, Siemens had submitted all FDR documents to Metro-North. There were 33 documents submitted. Of those, 14 topics are closed with 19 under review. A series of meetings were scheduled throughout the month of October to continue the review of the 19 open topics.

**Next Update: 12-13-22**

**Status - Amtrak Vehicle Procurements:**

As of 11-1-22:

On the Charger Long Distance Service (ALC-42) Locomotive:

They are progressing well with an outstanding cab signal issue being worked out. There are 16 units in service and more shipments are planned once the cab signal issue is resolved.

The locomotives in service are being run on the City of New Orleans, California Zephyr, and on the Empire Builder. All-in-all it is going well.

---

On the new Acela:

They continue to progress qualifications with the FRA and are doing testing to support modeling. Service is anticipated for late 2023 or early 2024.

On the Intercity Trainset (ICT):

Final Design Review (FDR) is progressing well. Amtrak is looking at facilities to support the ICT's as well.

**Next Update: 12-13-22**

**Status - Document Control Management:**

*The minor updates and formatting changes to the Bi-Level Specification are under way. The technical working groups are still reviewing their DCRs, and I am going to ask for their comments back by 11/23/22.*

*I am also proposing to send the entire list of changes to the entire technical subcommittee for their comments on 11/28/22. I have not put together an entire timeline yet. The goal will be to complete the specification update by the end of the year so it can be signed at the annual meeting.*

*I have provided some requested information to two working groups and one PRIIA member in the past week, and I also continue to meet with the Technical Writer weekly.*

**Next Update – 12-13-22**

**VIA Rail Equipment Procurement:**

On 2-25-22 – during the 12<sup>th</sup> NGEC Annual Meeting, VIA Rail provided a comprehensive update on its vehicle procurement.

The PowerPoint presentation was distributed and is posted to the website.

Following the meeting, Steve Hewitt received an email from Joe DiLiello, VIA Rail thanking him for the invitation to VIA Rail. Although Joe and his colleagues participated virtually, he said it was a great meeting – it had good flow, was timely and all presentations were informative and well done.

Action: Steve Hewitt will reach out to VIA Rail to invite them to give an update at the 2023 NGEC Annual meeting on 2-3-23 either in-person or virtually.

**Next Update: As Appropriate**

**Status CRISI Grant Application:**

On 11-15-22, Tim Ziethen reported that the support letter request will be going out from him either today or tomorrow to the industry and states. The request email will also include a form letter that can be used, or the recipient can write their own letters. The idea is to facilitate the process and make it easier. These letters of support are critical. Members of the States for Passenger Rail coalition will receive the request for support individually as well as a request for a letter from the Coalition as a whole.

Letters of support can be sent via email to Tim Ziethen or by US mail. The turnaround time is to be very short.

The letters will be included with the application package. The application is due to FRA by 12-1-22.

As for the application itself, Tim reported that the Amtrak grant writer is still working on it. He expects a draft today (11-15-22). The application is about 2 dozen pages, so it is fairly substantial. Tim is expecting to be able to send a draft to the NGEC Board members in a day or two with comments due within a few days. The turnaround is very short on this. Comments from Board members should go directly to Tim Ziethen.

Tim Ziethen is serving as the point of contact, and he is providing support to facilitate the process.

**By-Laws Review and change recommendations:**

The FASC approved proposed changes to the By-laws for submittal to the Executive Board.

The changes are meant to address the advice provided by Amtrak Legal when asked if the NGEC could conduct certain

additional activities. The advice was that the activities described would be permissible, if included in the By-Laws.

*e. The Executive Board may issue news releases communicating activities or accomplishments of the Committee.*

*The Executive Board may authorize Committee member participation at related meetings, conferences, trade shows, or other similar events to communicate the activities of the Committee or to maintain visibility among stakeholders.*

The By-laws changes cannot be brought to the Board for a vote until each Board member has had them in writing for 30 days. Since they were sent to all Board members on 10-13-22, the Board cannot take them up for consideration until the meeting of 11-15-22.

**This item will be considered on 12-13-22.**

**Updates: States and Amtrak – Charger Locomotive and Venture Cars Experience:**

In-depth updates were provided during the Annual Meeting and were included in the minutes.

The presentations were distributed and posted to the website.

**Next Update: 2-3-23 NGEN Annual Meeting**

**NGEC 2023 Annual Meeting:**

On 11-15-22, Steve Hewitt and Ray Hessinger reviewed the DRAFT NGEN Annual Meeting agenda and requested input from Board members.

No changes were recommended. The key now will be to fill out the speakers. Steve will provide a clean version of the agenda now to members for use in requesting travel approval.

**Actions:**

Mike Murray, FRA, will let Steve Hewitt know who will give the FRA update.

Tim Ziethen and George Hull will let Steve Hewitt know who will provide the Amtrak update.

Kyle Gradinger will reach out to Stadler Rail for a representative to give a presentation on Hydrogen Fuel Cell Multiple Unit Train.

The relevant states who will be presenting will let Steve know who will give the presentation and whether or not the manufacturer will be a part of the presentation.

Steve Hewitt will reach out to VIA Rail to see invite them to give an update on their vehicle procurements.

Steve reminded all members to let him know if they are attending and, if so, in-person or virtual.

**Hotel reservation link:**

Attendees can begin booking sleeping rooms here - <https://www.hyatt.com/en-US/group-booking/WASRW/G-RA1L>. Rooms must be booked by Monday, January 9<sup>th</sup>. Room Rate is \$188 per night plus 14.95% tax.

*Questions on Hotel room reservations – contact:*

**Kamasha Hendrickson, CMP, CGMP**

Senior Meeting Planner

American Association of State Highway and Transportation Officials (AASHTO)

555 12th St, NW, Suite 1000 \*NEW ADDRESS\*

Washington, DC 20004

Tel: 202-624-5403

E-mail: [khendrickson@aaashto.org](mailto:khendrickson@aaashto.org)

**Next Update 12-13-22**

**Status of 2022 Priorities as of 11-15-22:**

**Priority Area:** Review/Update the Bi-level specification currently in Revision C.4. With Amtrak looking at using some of the funding from the new IIJA for its western fleet, it makes sense for the NGEC to review and update the Bi-Level car specification.

**Action as of 11-15-22:** Bi-Level Car Specification Review/Update is still with the technical working groups. The technical subcommittee review is expected to take place on 12-8-22 and the intent to have the Revision D updates adopted and signed by the Chair during the Annual Meeting – 2-3-22.

**Priority Area:** Review the car body materials issue from a broader perspective for all NGEC equipment not only DMUs. Ray would like to take a look at developing a consistent approach for all of the NGEC vehicle specifications.

**Action as of 11-15-22:** The Carbody Materials Working Group has about completed its work and will submit its recommendations to the Technical subcommittee in December 2022.

**Priority Area:** Review “emerging technologies”: On the technical subcommittee call of 12-9-21 the topic of emerging technologies for propulsion was raised. Ray Hessinger believed that the technical subcommittee should conduct a scan of the industry regarding emerging technologies for propulsion and how they relate to the NGEC.

**Action as of 11-15-22:** A presentation during the NEC Annual Meeting by Stadler Rail on Hydrogen Fuel Cell Multiple Unit Trains will be requested. Kyle Gradinger, Caltrans will make the request

**Priority Area:** Review and consider using the Metro-North Dual Mode Locomotive Specification organizational changes to determine if they should be adopted by the NGEC and applied across the board to all NGEC specifications. This would be an administrative change not impacting technical content of any of the specifications and could be resolved by the Executive Board.

**Action as of 11-15-22** -This is included in the DCM action Plan and will likely follow the Bi-Level Car Specification update or may begin simultaneously with making updates to that specification. On 11-1-22, Tammy Krause reported that she and the Technical Writer, Camren Cordell, have gone through the Metro-North Dual Mode locomotive specification format and have compared it to the PRIIA format. They are now in the process of incorporating the Metro-North Dual Mode Specification’s administrative/format changes into the Bi-Level Specification and will do the same for each of the PRIIA specifications as they are updated.

**Priority Area:** Review/update NGEC Reference and Drawings series 305-900 and 305-800.

**Action as of 11-15-22:** This item is on the DCM action plan for 2022 – no activity on reviewing the reference documents per se, but Tammy Krause, Document Control Manager will be working with Jeff Gordon to create a new reference specification to address the Volpe Center information on CEM.

**Next Meeting -12-13-22**

**Note: A one agenda item (CRISI Grant Application) may take place on 11-29-22 (with state and Amtrak members only) if needed.**

**NGEC Executive Board Meeting**

**11-15-22**

**11:30 AM – 12:30 Noon Eastern**

**By computer:**

**<https://stephenhewitthewittconsulting.my.webex.com/meet/shewitt109>**

**By phone:**

**1-415-655-0001**

**Access code:**

**126-073-1531**

**Agenda**

1. Welcome and Open the Meeting

Ray Hessinger

- 
- |  |                |
|--|----------------|
| 2. Roll Call   | Steve Hewitt   |
| 3. Action Items Status Review  | Steve Hewitt   |
| 4. Approval of Minutes from 11-1-22  | Ray Hessinger  |
| 5. Update: Multi-State Rail Car Procurement                                    | Kyle Gradinger |
| 6. Update: Document Control including updated timeline                         | Tammy Krause   |
| 7. Status: Website Refresh   | Ray Hessinger  |
| 8. NGEN 2023 Annual Meeting – review first DRAFT agenda                        | Ray/Steve      |
| 9. FASC update and Treasurer’s Report  | Tim Ziethen    |
| a. Balance and Spend Rate  | Tim            |
| b. Review FASC Recommendations for updating NGEN two-page Educational Document | Tim/Steve      |
| c. Amtrak/NGEN CRISI Grant Application   | Tim            |
| 10. Other  | All            |
| 11. Adjourn  | Ray Hessinger  |