

STATE OF NEW HAMPSHIRE



Passenger Tramway Safety Board



Office: c/o N.H. State Fire Marshal's Office
110 Smokey Bear Blvd., Concord, NH
Mailing Address: 33 Hazen Drive, Concord, NH 03305
603-223-4289, FAX 603-223-4294

Mark Petrozzi Chairman Term exp. 6/20/24	Stanley Judge Member Term exp. 6/20/23	Kris Blomback Member Term exp. 6/20/22	Steve Howell Member Term exp. 6/20/25
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**NEW HAMPSHIRE PASSENGER TRAMWAY SAFETY
BOARD MEETING MINUTES**

6/1/2022

Location: Stockade Lodge, Gunstock ski area

FINAL

Attendees:

Board Members: Mark Petrozzi, Chairman
Kris Blomback
Steve Howell
Stanley Judge

NH DOS: Briggs Lockwood Chief Inspector
Scot Woolfenden Inspector
Nancy Ettelson Inspector
Roxie Beall Administrative Support
Marta Modigliani Legal Support

Industry: Alan Wickstrom Loon Mountain
Ashvin Ghurburrun Bartholet/MND Group
Scott Crowell Sunapee

Note about attendees: Marta Modigliani and Scott Crowell arrived after the start of the meeting and Marta Modigliani departed after her section was completed.

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Chairman Petrozzi called the meeting to order at 9:20 am. This meeting is being recorded.

Chairman Petrozzi called for the reading and approval of the minutes from the last meeting from 4/27/22.

Kris Blomback made motion to approve minutes. Seconded by Steve Howell.

Discussion to correct spelling of Attitash on first page under "Industry" and also to correct wording on third page on the paragraph beginning "US Forest Service". Wording chosen to be "US Forest Service asked about the grips remaining open through the drive terminals. Ashvin Ghurburrun confirmed correction.

Motion passed. Vote was unanimous.

Old Business:

- A. Loon: Steve Howell recused himself and presented status of requested information for the refurbished 7 Brothers/Kanc Quad. Steve Howell stated that he had emailed initial submittals, application and design certificates to board member with the supplements, and had provided a print copy for Stanley Judge. Briggs Lockwood asked for a print copy as well.

Briggs Lockwood asked if the drawings on the hydrostatic evac was a change from the original presented. Steve Howell confirmed this was a change from the original.

Chairman Petrozzi asked a procedural question, whether plans were required to be in English since it looks like some of these were not in English. Discussion: Answer is yes, plans should be in English or supplemented in English.

Additional discussion that conditional approval was previously given contingent upon loading conveyor drawings be submitted. Briggs Lockwood confirmed that final approval was given previously pending requested information.

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Kris Blomback asked if pending loading conveyor drawings were included in this submission. Steve responded in the affirmative.

Chairman Petrozzi asked for a motion to approve the loading conveyer submittal.

Kris Blomback made the motion to approve the construction of the 7 Brothers/Kanc Quad. Stanley Judge seconded the motion.

Further discussion: Chairman Petrozzi asked for confirmation that everything else had been reviewed and accepted sufficiently for approval. Briggs Lockwood and Stanley Judge confirmed that they had reviewed. No further discussion or questions.

Motion passed and approved 3-0.

B. Administrative rules adoption.

Part 1: Marta Modigliani began by saying the rules were in good shape. She reiterated that Representative McGuire's concern about past licensing requirements was primarily regarding the definition of a qualified wire rope inspector. Discussion ensued that since there is no regulation in place for that, and the rules just indicate "qualified personnel", recitation of the inspector's credentials will suffice. There is no actual certification to be had. There is an informal list maintained by DOS:FMO though Briggs Lockwood clarified that out of 25-30 people on that informal list with credentials, there are possibly only 5-10 active inspectors. Marta Modigliani suggests addressing in the final letter of the board response that there were no substantive changes made.

Chairman Petrozzi states he believes he speaks for the board when he says they would like to continue in the same tradition as years' past and keep the wording as is.

Marta Modigliani agrees she will draft the final letter and submit to the board for review and finalization that the burden will fall on agency, and that the rules will

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be adopted. Another meeting will be required.

Part 2:

Review of the changes to the Rules. [delete] {add}

- Page 2 - 301.01 - {ANSI} [or ANSI]
- Page 2 - 301.14 - {as specified in Pas 304.02}
- Page 9 - 305.01(b)(c) - {completed}
- Page 9 - 305.02(a) - [or] {,}
- Page 10 - 305.03(b) – [can] {may}
- Page 10 - 305.04(b)(4) - {A ladder diagram of the control circuits indicating the location of all stop and start switches;} {5}
 - Further discussion to change “ladder diagram” to “electrical diagram” to reflect newer technology.
- Page 11 - 305.04(5)(b) - [,etc.]
- Page 11 – 305.05(a) – see discussion below to reword name of “Application for New Construction, Alteration in Length, Relocation and/or Modification”
- Page 11 - 305.05(a) - [may] {shall} {when necessary to verify} [for verification of]
- Page 11 – 305.05(2)(b)(4) – [and]

Review of the changes to the Forms. [delete] {add}

Discussion: Chairman Petrozzi recommends Title of Application on be reworded as “New Construction, Alteration in Length, Relocation and/or Modification” (This will also change that wording in the Rules to match)

- PAS 1, Page 3 – [shall] {may}
- PAS 2, Page 2 – board [MAY] {SHALL}
- PAS 2, Part 2, Page 3 – change title to match as discussed above “New Construction, Alteration in Length, Relocation and/or Modification”
- PAS 3, Page 1 – “New Construction, Alteration in Length, Relocation and/or Modification”
- PAS 3, Page 1 - {aerial tramway} to title
- PAS 3, Page 4 – add page number

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- Page 5 PAS 3 – {aerial tramway} to title and add page number

Marta summarized that changes discussed today, along with previous changes, will be presented as draft and will probably get on July agenda.

Chairman Petrozzi asked for a motion to accept changes as presented and discussed.

Steve Howell moved to accept changes to rules and forms as edited and discussed. Kris Blomback seconded.

Further discussion: Stanley Judge asked for about putting Part 1 as Part 2 was added. This was resolved as it was already present. Steve Howell asked if all forms were available online as fillable PDF. It was confirmed they are.

Motion passed unanimously.

- C. Waterville Valley: Briggs Lockwood presents that this item was not on the agenda because it was offered after the agenda had been sent out.

Ashvin Ghurburrun presented printed packages that includes full Waterville project application, design, drawings, and specifications; everything needed for review with the exception of the certification. Ross will be unavailable for the next week and a half, but will be able to provide certification when he returns. Discussion that 2 copies were for Tramway board. Determined that it would be best if he provided 3 additional print copies. Chairman Petrozzi and Kris Blomback prefer electronic copies in PDF format.

New Business:

- A. Mt. Sunapee NDT Delay

Briggs Lockwood summarizes the situation in support of Scott Crowell's request. P.O.M.A. has a delay in producing parts which is causing complications for Mt. Sunapee in performing nondestructive testing (NDT). Whereas they are below

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the 2000 hour limits, and whereas stopping the lift to do the testing will put them out of service during their summer season, Mt. Sunapee is asking the board to consider the request to operate lift through the summer while waiting on the parts.

Chairman Petrozzi asked how many hours they are currently at. Scott Crowell responded they were at 1200 plus at the end of winter and they anticipate another 500 or so in the summer which would be keeping within the 2000 hour limits. Scott Crowell continued that the requirement is 20% replacements but they prefer to do full replacement of all bearings, rollers and worn hardware. He also states they anticipate further issues with shipping in the future, and even though they ordered 6 months in advance this time, they have discussed changing their processes to order a year in advance (pending budget allowances) so they can mitigate any future shipping delays.

Chairman Petrozzi asked if this would be an exception or a variance. Briggs Lockwood responded this would be an exception.

Chairman Petrozzi asked for a motion to approve the exception for Sunapee to delay NDT until the Fall.

Kris Blomback made the motion.
Stanley Judge seconded the motion.

Discussion: Stanley Judge wanted to confirm they will still remain below the 2000 hour requirements, in addition he anticipates they will be operating at half speed during the summer, which was confirmed in the affirmative by Scott Crowell. Stanley Judge also asked what NDT results were from previous years and the status of the fixed jaws. Scott Crowell responded there have been no notices from previous years, and all the fixed jaws have been updated to the new ones on that lift. Briggs Lockwood comments there will unlikely be any issues with the new fixed jaws. Steve Crowell responded the parts he is waiting for is the pin fixed to moveable. He has 15 in house on the shelf, out of the 26 that are needed.

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Motion carried unanimously.

Side note on P.O.M.A. Smaller spoked sheave and that assembly will not be produced anymore.

B. Cannon Mtn Track Rope Slipping Schedule

Briggs Lockwood started discussion on situation at Cannon. They have a tram scheduled to slip track rope. It was scheduled for its 10 year track rope slipping this spring but the contractor was unable to do. It has been rescheduled for this Fall which will still keep them on schedule within the 10 year time frame. This is being brought to the board as an FYI only.

Discussion: Chairman Petrozzi asked what if they have additional delays in the Fall? Kris Blomback asked if schedule was based on hours or years. It was confirmed that it was 10 years. Stanley Judge asked if there is a backup plan if there are more delays in the Fall. Steve Howell asked whose standard is the 10 years or is it an arbitrary schedule. Briggs Lockwood stated that he believes the 10 years is based on manufacturer's recommendation. He also knows that Cannon does the electromagnetic test every year rather than the recommended 3 years. The bigger issue is the wood in the wheel needs replacing.

Steve Howell suggested a letter from the manufacturer saying the recommended timeline could be extended.

Stanley Judge suggested that Cannon provide the information to the Tramway Board as to what their backup plan will be, along with supporting documentation, should the need arise to extend the timeline beyond the Fall. Chairman Petrozzi suggest they provide the 10 year documentation with recommendation to let them know now what will be needed in the event an extension is needed.

Chairman Petrozzi summarized the consensus of the board is that no requests be made at this time. It can be addressed if the Fall project cannot be done.

Further discussion of the process/timeline to change it out.

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Briggs Lockwood stated Wildcat is having similar issues with grips and parts issue in delay in getting parts. The difference is they have carriers in storage. They can take their NDT carriers off the lift and operate like that. They can do the NDT but cannot assemble the grips. Briggs Lockwood recommended to Wildcat they get the board the results as soon as possible.

Nancy Ettleson asked if Cranmore is in the same situation. Briggs Lockwood responded they take their NDT off, they are detached. Steve Howell asked if that can be confirmed. Briggs Lockwood agrees that he can ask them to confirm. If they are off, they can do NDT and assemble parts later.

No other new business.

Additional Discussion: Kris Blomback asked what Waterville's schedule is for board approval. Ashvin Ghurburrun states they can start going vertical in two weeks, once Ross can provide certificate.

Next meeting Date: Friday, June 24th @ 9 am at Waterville Valley. All agreed.

The board chose to schedule the August meeting also due to Rule Adoption. Additional meeting scheduled: Wed, August 3rd @ 9 am at Gunstock.

Discussed potential of adding Wildcat project to June agenda.

Chairman Petrozzi asked for a motion to adjourn.

Motion by Stanley Judge

Seconded by everyone.

Meeting was adjourned at 10:57 am.

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Respectfully submitted by Roxie Beall 6/2/22