

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

Table with 4 columns: Selden Hannah (Chairman, Term exp. 6/1/20), Mark Petrozzi (Member, Term exp. 6/20/17), Robert Hoyt (Member, Term exp. 6/20/18), Stanley Judge (Member, Term exp. 6/20/19)

NEW HAMPSHIRE PASSENGER TRAMWAY SAFETY BOARD MEETING MINUTES 8/20/2018 (Draft)

Attendees:

Board Members: Mark Petrozzi, Acting Chairman
Stan Judge
Bob Hoyt

NH DOS: Nancy Ettelson
Scot Woolfenden

Industry: Chris Ellms, Tom Sanford, Tom Bentley, Brian Norton, Jared Emerson, Barry St Cyr, John Lowel, Bretton Woods Resort, Doppelmayr, Loon Mtn Resort, Loon Mtn Resort, Waterville Valley Resort, Waterville Valley Resort, Attitash Resort

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The first order of business was for the members present to appoint an acting Chairman for the meeting.

Stan Judge nominated Mark Petrozzi.  
Bob Hoyt seconded the nomination.  
All were in favor of the nomination.

The meeting was called to order by Acting Chairman Petrozzi at 12:35 pm.

Agenda Item #1:

The board reviewed the minutes of the previous meeting dated 7-19-2018  
Motion made by Stan Judge: To accept the minutes.  
Second by Bob Hoyt.  
No further discussion.  
Motion passed. Vote was unanimous.

Agenda item #2:

Bretton Woods application for construction for new gondola.

Tom Sanford presented the drawing package for the new gondola to the board. He explained this is the complete package and the lift will be built to these drawings. The board reviewed the submittals.

The rope line calculations for the initial capacity of 1500 PPH were previously submitted.

Stan Judge asked if they were seeking any variances in this package. Tom Sanford stated there were no variances requested and none anticipated.

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Acting Chairman Petrozzi asked about evacuation planning. Chris Ellms explained they are working diligently on this issue. They have brought in Zip Rescue from Utah to do in-house training and they are scheduled to visit Stowe Mtn in Vermont to review their evacuation program. Stan Judge informed Chris Ellms that the evacuation test has to be observed by the board prior to registration.

Stan Judge asked if they were planning on using the gondola at night. Chris Ellms explained they were planning on using the lift at night but the procedures for that use were still being investigated. Most likely they would load fewer cabins at night to better manage any possible evacuation.

Stan Judge inquired about the construction manager for the project. Tom Sanford informed the board that the construction manager would be Mark Bee from Doppelmayer.

Motion by Stan Judge: To approve the application for construction of a detachable grip 8 passenger gondola known as the Presidential Bahn.

Second by Bob Hoyt.

No further discussion.

Motion passed. Vote was unanimous.

Agenda item #3:

Application for construction, remainder of submittals for Fabyan's Triple, TRM 210.

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Tom Sanford explained to the board that Briggs Lockwood provided him with documentation for Fabyan's lift. He asked the board if this would be acceptable for the submittals. The board agreed to allow these documents to be considered as the submittal package.

Tom Sanford handed out a quotation sheet for lifting frames on Fabyan's triple. He explained that it was Bretton Woods intention to provide lifting frames for the entire lift during this modification. Unfortunately due to production capabilities the frames could not be manufactured for this construction season. It is anticipated that the lifting frames will be installed during the 2019 summer season. Tom Sanford also explained the engineering for the frames would take time as there are many different configurations to consider.

Tom Sanford provided documentation for the bullwheel retention that has been installed on the top of Fabyan's triple.

Stan Judge inquired about the engineering documentation that supports this bullwheel retention upgrade. This information would allow the board to better evaluate the viability of the system.

Nancy Ettelson asked the board to consider tabling this issue until a more thorough review of this modification could be undertaken. The board concurred.

Motion by Stan Judge: Table the issue of bullwheel retention for Fabyan's triple TRM 210.

Second by Bob Hoyt.

No further discussion.

Motion passed. Vote was unanimous.

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### Agenda item #4:

Review Doppelmayr fix for rollback brake issue.

Tom Sanford gave the board an overview of the issue from Doppelmayr's perspective. Doppelmayr has determined a fix and cost estimate to bring the affected lifts into compliance. Unfortunately, Doppelmayr cannot provide this repair until next year. Tom Sanford explained he has been in contact with Brian Heon from Peak Resorts and has agreed to continue looking for less costly alternatives to the proposed repair.

Nancy Ettelson explained that the affected ski areas do have an alternative. All affected lifts have a standby motor configuration. The standby motor could be utilized as the EVAC motor, thus allowing the ski areas some flexibility in how they approach this issue.

Stan Judge felt it was reasonable to allow the ski areas to continue with the current program of utilizing an operational plan to ensure rollback device operation in EVAC mode for another year. He also felt that it would be helpful to know how much time the secondary motor was employed as the prime mover.

Motion made by Bob Hoyt: All ski areas with lifts affected by this issue will be required to develop an operational plan to ensure rollback device operation in evacuation mode prior to the 18/19 winter season. Furthermore, affected ski areas will need to come into compliance with ANSI B77.1: 3.1.2.5 1992 edition prior to the 19/20 winter season.

Second by Stan Judge.

No further discussion.

Motion passed. Vote was unanimous.

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Motion made by Bob Hoyt: The three affected ski areas (Loon, Waterville Valley and Wildcat) need to notify NH tramway board in the event that the secondary motor is utilized as the prime mover on their respective lift (Kanc. quad TRM 27, Valley run quad TRM 45 and Wildcat express TRM 34).

Second by Stan Judge.

No further discussion.

Motion passed. Vote was unanimous.

Agenda item #5:

Review NDT procedures of Poma TB 41 detachable grip fixed jaws.

Scot Woolfenden explained to the board the issue of crack development on the TB 41 fixed jaw from Poma. Poma issued a service bulletin in 1988 setting criteria for crack acceptance/rejection. A NH ski area has seen an increase in crack propagation over the last several seasons. That ski area is now developing a schedule for fixed grip replacement. No action was taken by the board the presentation was for information only.

Nancy Ettelson addressed the board concerning the review of Pas 100 Passenger Tramway Safety Board Operational Rules. She explained to the board that the dates for registration, which were changed by the board, are set by statute and cannot be changed in the rules.

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Motion made by Stan Judge: Section Pas 303.01 will revert back to the original dates stated in the rules.

Second by Bob Hoyt.

No further discussion.

Motion passed. Vote was unanimous.

Motion made by Stan Judge: To adjourn

Second by Bob Hoyt.

No further discussion

Motion passed. Vote was unanimous.

Meeting was adjourned at 2:40 pm.

Respectfully submitted,

Scot Woolfenden

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