

SCR TTC PLANNING COMMITTEE'S

HYBRID SUBCOMMITTEE MEETING MINUTES

Date/Time: December 3, 2010 @ 9 am Pacific

Location: TELECONFERENCE - For Conference Call In:
Dial: 218-936-7999 Enter Conf ID: 690-1936#

MEMBERS

ATTENDEES:

Steve Tomory, Rio Hondo College, Chair
Allen Pierce, Norwalk Transit System, Vice-Chair
Darryl Desjarlais, New Flyer of America
Gordon Kushnir, New Flyer of America

Others Present: Janet Welde, Norwalk Transit System, Note taker

1. **OPENING** – Meeting was opened by Tomory, at 9:07 am with brief introductions of attendees. Tomory noted today's teleconference was the first official meeting for the Hybrid Subcommittee.
2. **HYBRID FUNDING** – Tomory stated that he believed that extra funding had been scheduled however status of funding update to be deferred Nina Babiarz or Dave Stumpo at a later meeting.
3. **CURRENT ACTIVITIES** – Desjarlais provided a brief summary on New Flyer's recent visit to Long Beach Transit (LBT) on 11/23-11/24. Kushnir met with La Roche (LBT) and Frank (LBT) who provided the bus and equipment. The safety course been reviewed by LBT was provided by Navi. They were not sure if they were going to work with that one or start from scratch. The materials reviewed were generic and not detailed enough. This due to the OEM's such as ISE, Siemens, etc. There no materials supplied by the consortium for the actual orientation. This is something that needs to be started from scratch however Nina Babiarz did provide a consortium template for creating the powerpoints to New Flyer.

A beta 1 class was conducted in May of 2009 for Marty Orasco class and those materials may be still be available & gain access to. Tomory will contact Marty next week to obtain the

SCR TTC PLANNING COMMITTEE'S

materials and will forward to all subcommittee members. The materials were very generic and no systems specific. Tomory stated it was difficult for Marty to get detailed information from the OEM's such as ISE, Seimens, etc. Without the OEM's cooperation in supplying detailed data, it's unlikely that the current curriculum can be expanded. Tomory asked the subcommittee for ideas on this issue. Considering ISE's current situation, it was unlikely they would provide the subcommittee with any expanded information.

A suggestion of reverse engineer any of the materials but there would be extensive time involved. The subcommittee can take a look at the safety course the walk around course and mid range goals on diagnostics. Desjarlais stated that New Flyer feels the best course of action is to start from scratch and develop new material. If this is the case, there will be more required from New Flyer than anticipated since they thought they would be helping to add or modify to existing materials. There needs to be further discussions into the possibility of using funds from the Consortium to recoup some of New Flyer's time.

Tomory stated there are two key issues for the Subcommittee
1. Funding
2. Curriculum as far as creating or modifying existing one. Tomory to get information to everyone. Desjarlais stated that Kushnir will be speaking to LBT in the next few days to do more research. The consensus of the committee was a curriculum needs to be put together.

4. **IMMEDIATE ACTIVITIES** – Pierce stated that Norwalk Transit System (NTS) has some materials that were provided by ISE Corporation when they trained NTS's personnel back in 2009 & 2008. The materials handed out are as followed:

- ISE Hybrid Training
- ISE Drive System
- ISE Hybrid Safety Training
-

Pierce further stated that NTS will gather these materials together and scan copy materials so they can be emailed to Tomory and New Flyer. Desjarlais and Kushnir to forward travel date to LBT (Tentatively scheduled to take place in January 2011) to Hybrid Subcommittee members. Tomory will contact



Southern California
Regional Transit
Training Consortium
www.scrttc.com

SCR TTC PLANNING COMMITTEE'S

Marty to gather that information. Subcommittee action at this point is to gather information, make notes, review and meet in January 2011.

NEXT MEETING - Next meeting tentatively scheduled for January 2011 at LBT. Time and date to be determined.

MEETING MINUTES – Tomory to contact Welde (NTS) for copy of minutes for today's teleconference meeting

ADJOURNMENT There being no further business to come before the meeting, the meeting was adjourned at 9:27am Pacific Standard Time