

NON-ROAD SUBCOMMITTEE CALL

Tuesday, April 11 - 2:00 to 3:00 pm Central Time

Call-In #: (866) 299-3188
Conf. Code #: 9135517039

Tentative Agenda

- Intro / Roll Call (~5 mins)
 - I could give an overview of the Blue Skyways Collaborative and the purpose of the Non-Road(Construction) subcommittee (~5 mins)
 - Gregg, a TX DOT person, etc... could give a presentation about the Texas construction projects and how they have worked (~10 mins)
 - Ken could address other projects and the industry perspective (~10 mins)
 - Monica could address funding mechanisms and SIP & Conformity issues (~10 mins)
 - Questions (~20 mins)
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MEETING NOTES

First of all, thank you everyone for being on the call. I hope it was informational and beneficial for each of you. Feel free to contact me if you have ideas to improve the call or would like to visit about a specific topic.

1) Roll Call

Attendees:

- Bill Sierks (MPCA),
- Gena McCullough (Q. Cities),
- Chester Black (Omaha),
- Bhupendra Patel (Wichita),
- James Joerke & Joan Stoyer (Kansas City),
- Rick Bishop (John Deere),
- Ron Rebouche (LDEQ),
- Jim Yarbrough (EPA R6),
- Ken Katch (Caterpillar),
- Carol Nixon (TXDOT),
- Stephanie Martin, Shelly Witworth, etc (Houston),
- Leon Ashford (ODEQ),
- Eddie Brawley (W. Memphis),
- Susannah Fuchs (StL. ALA),
- Mike Coulson (St. Louis),
- Alan Banwart (EPA R7)

2) Blue Skyways Collaborative (BSC) Overview

- I, Alan Banwart, gave a brief overview on the Blue Skyways Collaborative and on the Non-Road Subcommittee specifically

3) Texas Diesel Emission Reduction Construction Projects

- lead by Carol Nixon of Texas DOT and individuals from the Houston-Galveston Area MPO

- Carol mentioned the effort to move from regular diesel fuel to the Ultra Low Sulfur Diesel (ULSD) fuel. One of the issues they encountered was the engine problems they had with PuriNOx , a diesel/water emulsified fuel. It seemed to have most problems when the equipment was left sitting. Comments were also made that were more scenarios where problems occurred with several different fuel types.
- Carol also mentioned the research being done regarding the fuel/oil mixture and their affect with the joint use of a catalytic converter system on the ferries.
- The Clean Contract Clause that is a program that local contractors to sign-on and report what fuels they are using and cleaner equipment being used, etc...
 - They can get \$ to pay for the difference in fuel costs
 - Texas Emissions Reduction Plan (TERP) can help pay for the engine retrofits/repowers/rebuilds
 - Contractors are in favor of these incentives but as Shelly Whitworth from the Houston Area MPO said, there hasn't been a lot of success yet mostly because of the delay in being able to get the necessary equipment re-powers
 - Ken Katch of Caterpillar said that this is a good and bad issue for the industry to be in short supply because of large demand. He said that he believes the industry is catching up
 - The other problem then is finding enough resources/\$ from the incentive programs for the demand.
 - Ken and Rick Bishop suggested that the groups in Texas do some research and prioritizing regarding which type of engines/equipment to do first... by doing this it would give the industry more direction is where they should focus their efforts to get the most bang for the buck
 - **The Houston Area MPO folks were going to look into this (ACTION ITEM)**
 - It was also mentioned that by using the ULSD fuels in old equipment gets about and 10% reduction in PM

4) Other Project Potentials

- lead by Ken Katch of Caterpillar

- Ken informed the group of a couple of different projects going on today like the State of Ohio and their recommendations on implementing a program like TERP, i.e. How to write contracts to incentivize diesel emission reductions... voluntarily.
- Ken referred to the O'Hare Airport retrofit and ULSD program
- Ken mentioned retrofit demonstration projects that were done on public equipment to show contractors that they work
- Ken mentioned that public building contracts have been written to reduce emissions from projects
 - James Joerke (Kansas City MPO) commented that this was less likely to work in areas that aren't in Non-Attainment, even though cities like KC are wanting to do things like this
 - Mike Coulson (St. Louis MPO) mentioned that Missouri DOT has some possible highway projects that may fit this situation. **Since MDOT and**

MDNR weren't able to be on the call, we will have a follow-up to discuss this further. (ACTION ITEM)

- **Ken suggested that what needs to be done first, and early on in the process, is outreach to the contractors, by the public organizations and the industrial partners. (potential ACTION ITEM)**
- Carol Nixon of TX DOT mentioned that they tried a construction ban in the AM hours, but the contractors wanted the diesel emission reduction projects instead.

5) Resources, Information, Next Steps, FYI

- EPA released a Diesel Retrofit Technology report on the Cost-Effectiveness of Reducing PM Emissions from Heavy-Duty Diesel Engines through Retrofits
 - <http://www.epa.gov/cleandiesel/publications.htm>
- Blue Skyways have put together application forms on becoming a BSC Partner or a BSC Community
- Blue Skyways Subcommittees are to have a work plan prepared by May 24th
- If you have any questions or comments please let me, Alan Banwart, know or if you have a request for any materials regarding Blue Skyways.

THANK YOU!!!