Intermodal Operations Committee Meeting

Monday, September 12, 2022

1:00 – 2:00 PM PDT

Seaview Ballroom

Hyatt Regency Long Beach, CA

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Call to Order

- Welcome

- Reminder of expectation for Committee members
  - Meetings include deliberation of issues, education, and discussion of recommended practices
  - Solicitation of business is not allowed during meetings
  - Members must abide by antitrust guidelines
  - Actively participate in Committee
    - Committee participation is reviewed throughout the year and meeting attendance is attached to the meeting minutes

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Housekeeping

- Turn Cell Phones to Vibrate or Off

- No Side Bar Conversations – **Please**

- When Speaking
  - Use a Microphone
  - Identify Yourself and Company Affiliation

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Safety Review

- Current Location:
  - Hyatt Regency, Regency Ballroom ABC
  - 200 S. Pine Avenue, Long Beach, CA 90802

- Hotel Security:
  - Office on ground level

- 911 Assignment:
  - Contact Hotel Security, Dial "55" from any Hotel Phone

- AED Assignment:
  - Contact Hotel Security, Dial "55" from any Hotel Phone

- First Aid Kit Assignment:
  - Contact Hotel Security, Dial "55" from any Hotel Phone

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Safety Review - Continued

- CPR Assignments:
  - Contact Hotel Security, Dial "55" from any Hotel Phone
- Evacuation Assignments:
  - Evacuation Routes – out through the glass doors to the pool and turn right and go through the gate to the rally point. Alternatively, go up the escalator to the lobby, out through the main doors and to the rally point.
  - Rally point:
    - Grassy area across from main hotel entrance
  - Chairs pushed in - **Avoid tripping hazards**
- Fire extinguishers:
  - Just outside the Seaview Ballroom entrance.
- Drills scheduled or planned for the day

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Today's Agenda

- Call to Order
- Antitrust Guidelines
- Determination of Quorum
- Approval of May 3, 2022 meeting minutes
  - Questions on the minutes?
  - Motion to approve and second
  - Vote
- Task Force and Working Group Reports
- Safety Committee Reorganization Discussion
- Old Business
- New Business
- Housekeeping and Adjourn

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Task Force & Working Group Reports

Geofence Task Force

Task Force Leader:
Ted Prince, Tiger Cool Express
September 12, 2022
Long Beach, CA

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Objectives

- Create, maintain, and resolve a standard compendium of intermodal terminal geofences

- Geofences can be used to

  - Universally define terminal boundaries and limits

  - Support performance KPIs

  - Sub-terminal geofences to identify terminal sub processes and data collection points

Thank You to the Members

- Andy Adams, Railinc

- John Allen, FlexiVan

- Nicole Bailey, DCLI

- Stephanie Bewick, NavTrac

- Gerry Bisaillon, REMPREX

- Ryan Bivinetto, BlackBerry Radar

- Chris Brickley, NASCENT Technology, LLC

- Mike Burton, C & K Trucking, LLC

- Tolga Cankurtaran, NC State Ports Authority

- Dave Clifford, Ventura Transfer Company

- Chuck Connors, H & M International Transportation, Inc.

- Cliff Creech, Phillips Connect Technologies

- Sal Ferrigno, SSA Terminals

- Nate Graglia, Wallport Transit Xpress, Inc.

- Jeremy Hayden, Union Pacific Railroad Company

- Walter Kemmsies, The Kemmsies Group

- Hampton Lee, South Carolina Ports Authority

- Chris Machut, SiteTrax.io by Netarus

- Mark McKendry, NFI Industries

- Douglas Owen, Bureau International Des Containers

- James Palmer, CSX Intermodal Terminals, Inc.

- Christopher Platt, BlackBerry Radar

- Mark Ratkiewicz, NASCENT Technology, LLC

- David Roff, Bureau International Des Containers

- Aaron Rossiter, BNSF Railway

- Leif Rush, CSX Intermodal Terminals, Inc.

- Stan Scofield, FlexiVan

- Matthew Wafer, Union Pacific Railroad Company

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Geofence Task Force

First deliverable

- Determine scope and scale of difference of existing geofences
- North Jersey, Chicago and Los Angeles

Results

- Only four responses:
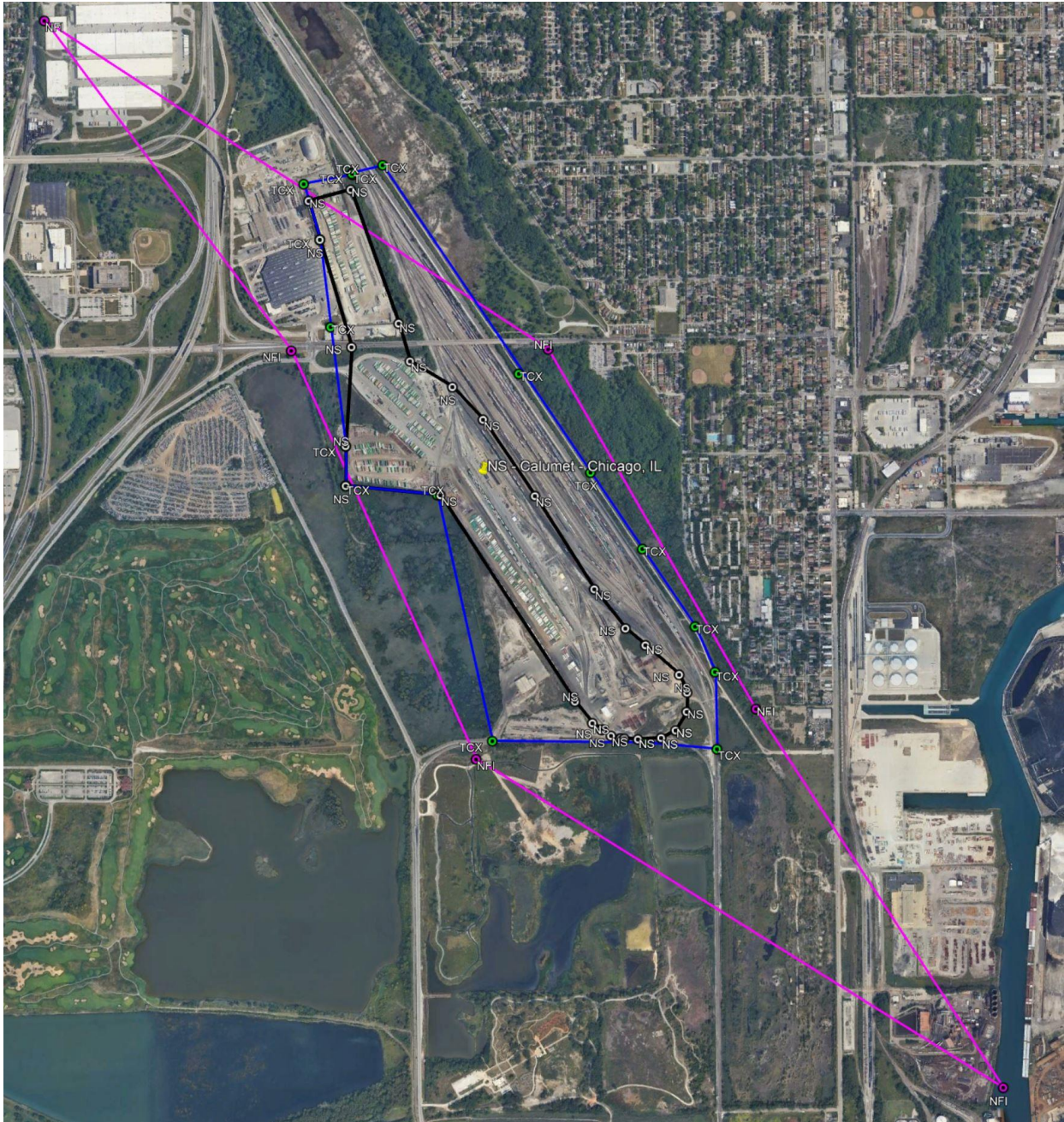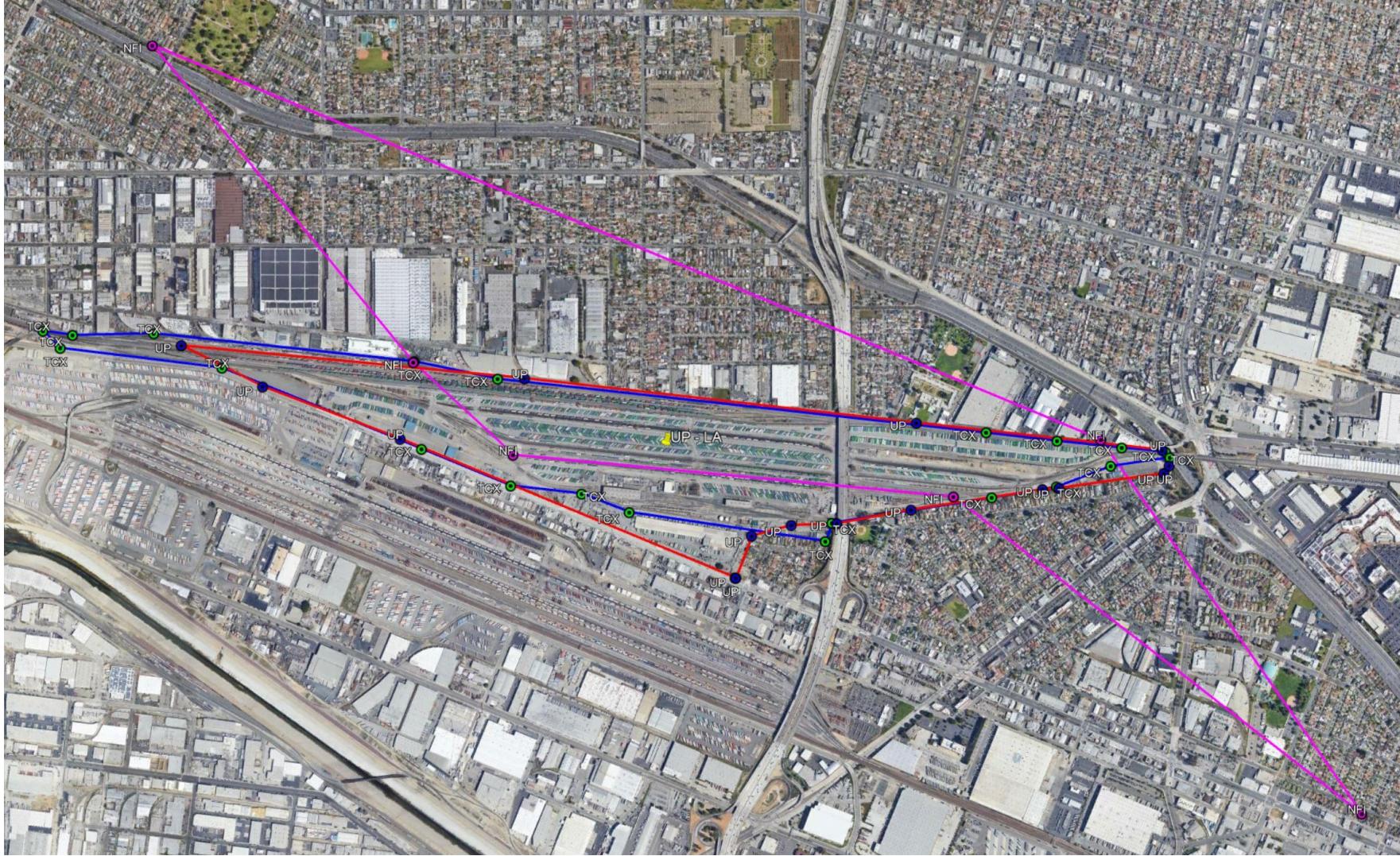 - Two railroads: NS and UP
  - Two 3PLs: NFI and TCX

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Study Results

- NS E-Rail

Study Results

- NS Calumet

Study Results

- UP East LA

Geofence Study -- Facilities with more than 2 Responses

				Point Latitude		Point Longitude	
			N	Min	Max	Min	Max
Location	Geofence Name	Provider					
Chicago	Global 1 - UP	NFI	6	41.8496440	41.8735390	(87.6955720)	(87.6596680)
		TCX	14	41.8574200	41.8637500	(87.6858000)	(87.6447000)
		UP	6	41.8604203	41.8636484	(87.6857471)	(87.6712471)
		All	**26**	**41.8496440**	**41.8735390**	**(87.6955720)**	**(87.6447000)**
	Global 4 - UP	Provider					
		NFI	6	41.4483640	41.4921570	(88.1310810)	(88.0903020)
		TCX	14	41.4583000	41.4828000	(88.1187000)	(88.0966800)
		UP	88	41.4560279	41.4828452	(88.1186758)	(88.0971175)
		All	**108**	**41.4483640**	**41.4921570**	**(88.1310810)**	**(88.0903020)**
	NS - Calumet - Chicago, IL	Provider					
		NFI	6	41.6853410	41.7177700	(87.5915910)	(87.5527500)
		NS	28	41.6959320	41.7126240	(87.5808720)	(87.5655470)
		TCX	18	41.6956300	41.7133700	(87.5810700)	(87.5643400)
		All	**52**	**41.6853410**	**41.7177700**	**(87.5915910)**	**(87.5527500)**
	NS - Landers - Chicago, IL	Provider					
		NFI	6	41.7401200	41.7673230	(87.7121890)	(87.6731720)
		NS	15	41.7499000	41.7574990	(87.7016500)	(87.6831700)
		TCX	14	41.7499000	41.7575100	(87.7016500)	(87.6831700)
		All	**35**	**41.7401200**	**41.7673230**	**(87.7121890)**	**(87.6731720)**
	NS 63rd St (NS Chicago, IL)	Provider					
		NFI	6	41.7630270	41.7899670	(87.6380460)	(87.6056210)
		NS	27	41.7730670	41.7854680	(87.6280070)	(87.6164170)
		TCX	18	41.7715400	41.7844100	(87.6284600)	(87.6154800)
		All	**51**	**41.7630270**	**41.7899670**	**(87.6380460)**	**(87.6056210)**

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		Provider					
Los Angeles	UP - City of Industry	Provider					
		NFI	6	33.9932900	34.0270540	(117.9636610)	(117.9060590)
		TCX	60	34.0045700	34.0151500	(117.9499800)	(117.9159700)
		UP	22	34.0079800	34.0141609	(117.9499054)	(117.9277718)
		All	**88**	**33.9932900**	**34.0270540**	**(117.9636610)**	**(117.9060590)**
	UP - LA	Provider					
		NFI	6	33.9986880	34.0228810	(118.1987990)	(118.1525270)
		TCX	21	34.0072600	34.0138400	(118.2029400)	(118.1598900)
		UP	16	34.0060945	34.0133961	(118.1976557)	(118.1599170)
		All	**43**	**33.9986880**	**34.0228810**	**(118.2029400)**	**(118.1525270)**
New Jersey	NS - Croxton Intermodal Ramp	Provider					
		NFI	6	40.7376480	40.7740940	(74.0822750)	(74.0521850)
		NS	14	40.7469600	40.7636110	(74.0718490)	(74.0621000)
		TCX	6	40.7469600	40.7639600	(74.0724900)	(74.0621000)
		All	**26**	**40.7376480**	**40.7740940**	**(74.0822750)**	**(74.0521850)**
	NS - Erail NJ	Provider					
		NFI	6	40.6441920	40.6727180	(74.1928410)	(74.1569140)
		NS	22	40.6547600	40.6624490	(74.1805670)	(74.1639300)
		TCX	11	40.6547600	40.6634400	(74.1835000)	(74.1639300)
		All	**39**	**40.6441920**	**40.6727180**	**(74.1928410)**	**(74.1569140)**

Next Steps

Move forward with compilation

- Possible inclusion in UIIA?

Data sourcing

- Progress with dual methodologies
  - Terminal operator; or, failing that
  - Alternative(s)

Reconciliation process

- Material differences in sample

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Questions & Discussion

Efficient Use of Drivers' Time Working Group

Working Group Leader:
Stephanie Bewick, NavTrac
September 12, 2022
Long Beach, CA

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Objectives

- Determine what role, if any, IANA can play in making driver time on terminal more efficient

- If there is a role for IANA, determine next steps

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Thank You to the Members

- Stephanie Bewick, NavTrac

- Jennifer Chase, Moffatt & Nichol

- Chuck Connors, H & M International Transportation, Inc.

- Jennifer Edwards, The Evans Network of Companies

- Carl Francis, Consolidated Chassis Management, LLC

- Dan Grenemyer, Altus Receivables Management

- Nick Hawkins, Union Pacific Railroad Company

- Jeremy Hayden, Union Pacific Railroad Company

- Mike Pagel, BNSF Railway

- Carlos Santillan Doherty, ciaO | intermodal

- Rob Stephenson, TCW, Inc.

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Update

- The Working Group has completed writing its charter

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Next Steps

- Questions & Discussion
- Vote on proposed charter
  Motion
  Second
  Discussion
  Vote

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Questions & Discussion

Railroad APIs Working Group

Working Group Leader:
Jeremy Hayden, Union Pacific Railroad Company
September 12, 2022
Long Beach, CA

Objectives

- Evaluate the current API landscape within the Class I railroads.

- Collectively generate a list of desired visibility items.

- Using the newly created list, the working group will investigate which items can be addressed through existing EDI and APIs.

- Evaluate appropriate next steps based on the information collected.

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Update

- Working Group has identified 30 key scenarios
- Grouped scenarios into themes
  - Pre-Gate
  - Gate
  - Terminal
  - Transportation
- Primary Actors / Participants Identified

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Next Steps

- Collected Data from Port Operators & Class 1s
  - Georgia Ports Authority
  - South Carolina Ports Authority
  - Virginia Intermodal Terminals
  - Union Pacific Railroad

- Final Call for Data Contributions
  - Oct 1, 2022 Deadline

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Thank You to the Members

- Matthew Acors, Georgia Ports Authority
- Andy Adams, Railinc
- Frank Amelio, C & K Trucking, LLC
- Christopher Anderson, REMPREX, LLC
- Gerry Bisaillon REMPREX, LLC
- Ryan Bivinetto, BlackBerry Radar
- Michael Burton, C & K Trucking, LLC
- David Clifford, Ventura Transfer Company
- Charles Connors, H & M International Transportation, Inc.
- Danny Dever, Railinc
- Jeffrey Dudenhefer, North American Chassis Pool Cooperative (NACPC)
- Nate Graglia, Wallport Transit Xpress, Inc.
- William Hamlin, Gray Wolf Group LLC
- Joseph Hite, CIE Manufacturing

- Stevenson Kemp, South Carolina Ports Authority
- Srinivas Kunapareddy, TRAC Intermodal
- Phil Lucier, FlexiVan
- Chris Machut, SiteTrax.io by Netarus
- Thomas Martucci, Consolidated Chassis Management, LLC
- Mike Pagel, BNSF Railway
- Lynda Parillo, NASCENT Technology, LLC
- Albert Perez, BNSF Railway
- Christopher Plaat, BlackBerry Radar
- Theodore Prince, Tiger Cool Express, LLC
- Mark Ratkiewicz, NASCENT Technology, LLC
- Stephen Rauch, South Carolina Ports Authority
- Jennifer Reiser, Kansas City Southern
- John Stringer, BNSF Logistics
- Matthew Wafer, Union Pacific Railroad Company
- Jay Windsor, Virginia International Terminals, Inc.
- Matthew Wittemeier, INFORM Software Corporation

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Questions & Discussion

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Safety Committee Reorganization

Questions & Discussion

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Old Business

Old Business

- Container Weights and Loading – feedback from this morning's joint committee education session

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New Business

New Business

- Collecting and dispensing carbon credits
  Ted Prince, Tiger Cool Express, LLC

- Topics from Attendees

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Carbon Initiatives Suggestion

Carbon Initiatives

- Carbon Allowances
  - Permission slips for emissions
  - Purchase of one credit – usually from government -- grants permission to emit one ton of CO_2

- Carbon Offsets
  - One company generates by removing a unit of carbon as part of their normal business activity
  - Other companies purchase that offset to reduce their carbon footprint
  - Registries serve as intermediary

2020 market was estimated at $0.5 Billion

Estimated to be $10-25 Billion in 2030

Estimated to be $90-500 Billion in 2050

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How to Produce Carbon Credits

Renewable energy projects

Improving energy efficiency

Carbon and methane capture and sequestration

Land use and reforestation

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How are Credits Created?

3rd Party Verification

- Ensure consumers receive proper value for their money

"Proof is in the pudding"

- Better verification leads to better results
- Greater sales
- Higher value

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What Needs to Get Done?

- Quantification
  - Before and after GHG
  - Truck vs. Intermodal
    - Rail linehaul
    - Terminal handling
    - Drayage
    - Reefer fuel burn

- Appreciation
  - Most credits today assume full conversion from truck
  - Need to develop methodology for mix improvement
    - 80% truck / 20% intermodal
    - 20% truck / 80% intermodal

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Next Steps

- Consider relevance and pathway

Housekeeping

IANA Info

- Intermodal Recommended Practices page
  - https://www.intermodal.org/resource-center/committee-recommended-practices
- Industry Tools & Resources
  - https://www.intermodal.org/resource-center/industry-tools-resources
- Intermodal Adapts Education Program
  - https://www.intermodal.org/education/upcoming-webinars
- 2023 Committee Meetings Schedule: February (virtual), Business Meeting (May) (in-person) and EXPO (September) (in-person)

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Adjournment