

Ambulance Transport Safety Summit

Bridging the gap between what we do and what is known

EMS Subcommittee of the TRB Ambulance Transport Safety Summit

October 29th, 2009

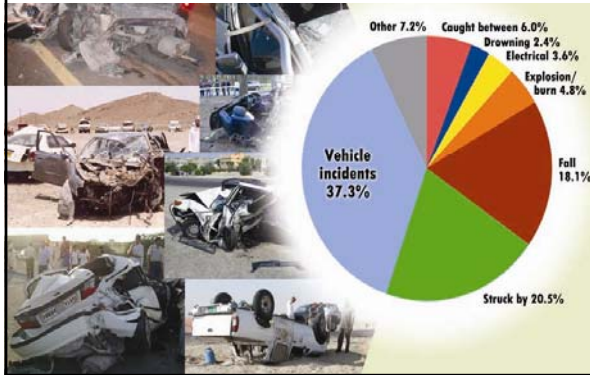


Working Towards Zero

- An Oil and Gas Company Perspective.
- Develop understanding - Identify the Threats, Manage the Hazard.
- Develop a Company Standard - Framework.
- Operational Response – Three Tenets.
- Our Primary Focus - Managing Behavior.
- Developing sustainable performance.



An Oil and Gas Perspective



An Oil and Gas Perspective

- International Association of Oil and Gas Producers (OGP): 1 in 3 industry fatalities are related to Land Transportation activity.
- US Center for Disease Control (CDC): 1 in 2 industry fatalities in the Oil and Gas Extraction Industry in the United States are related to Land Transportation.



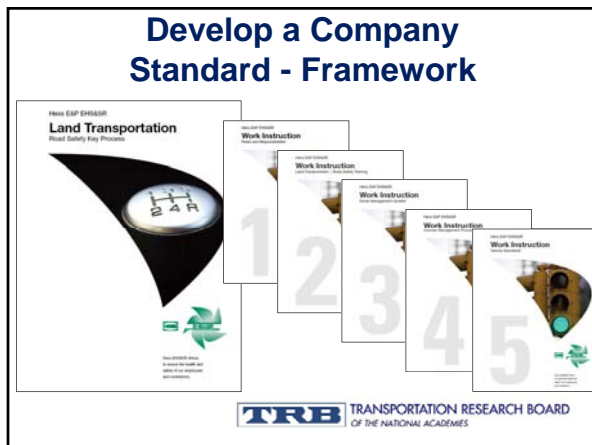
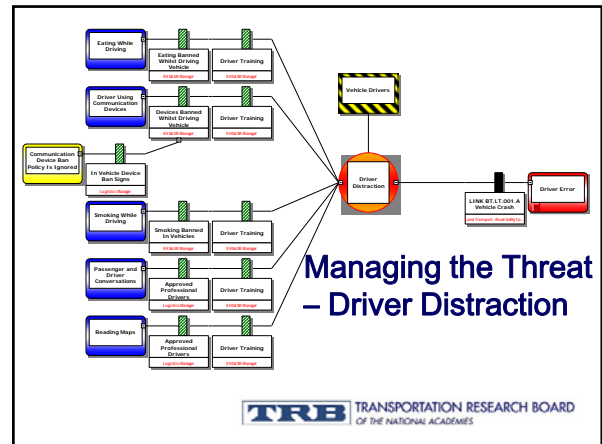
Our Companies Perspective



What we Learned

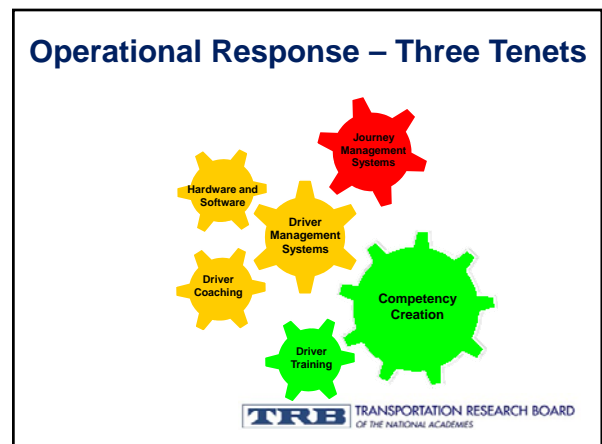
- We need to continuously work on the *thinking* behind our performance.
- We learned that 99% of our vehicle crashes are as a result of errors in *human behavior*.





- ### Develop a Company Standard - Framework
1. Roles and Responsibilities
 2. Driver Operating Standards
 3. Driver Management System
 4. Journey Management System
 5. Vehicle Specifications and Operating Standards
 6. Contractor Management
 7. Social Impact/External Collaboration
 8. Monitoring Performance
 9. Exception Reporting
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- ### Operational Response – Three Tenets
- Journey Management –**
- Is the journey necessary?
 - Do we know where our people are?
 - When do we owe a higher duty of care?
- Driver Management Systems –**
- Using a system that can allow us to measure driver behavior and organizational behavior.
 - Feedback to driver in a soon, certain and positive manner.
- Competency Creation –**
- Not just drivers but those involved in the system.
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Managing Behavior

10/17/2008

RAD Summary Driver Scoring Report

Period From 11/20/09 12:00:01 AM to 10/17/2009 11:59:59 PM

Driver	Distance 100 Km	Acceleration Gauss	Number Accelerations	Deceleration Gauss	Number Decelerations	Highest Speed Km	Total Over Speeding Time Kin	Fir Each 15 Sec	Total Score
861.30	2	0.23	2	0.23	124.00	00:00:08	0.08	0.86	
466.15	2	0.30	2	0.30	106.00	00:00:05	0.05	0.80	
32.393.73	102	0.45	111	0.50	121.00	00:02:58	0.09	1.12	
14.029.70	48	0.39	42	0.39	114.00	00:00:17	0.17	1.14	
10.802.70	48	0.76	42	0.80	129.00	00:00:07	0.07	1.14	
7.888.80	62	0.78	105	1.08	121.00	00:00:42	0.05	2.42	
8.861.10	34	0.26	101	2.07	132.00	00:00:01	0.01	2.06	
4.040.20	38	0.77	88	2.11	140.00	00:01:49	0.23	3.12	
8.020.20	32	1.08	62	2.75	141.00	00:02:34	0.30	3.00	
10.215.00	297	1.86	188	1.24	120.00	00:03:58	0.14	3.24	
7.241.80	72	0.31	114	1.05	149.00	00:01:00	0.10	4.40	
3.127.20	41	1.11	103	1.53	121.00	00:01:44	0.11	4.33	
1.901.20	28	1.00	100	1.00	122.00	00:01:00	0.10	4.30	
1.901.20	28	1.00	100	1.00	122.00	00:01:00	0.10	4.30	
Total	112,893.20	1.438	1,487	1.487	166.00	01:13:13		2.99	

Names
Withheld

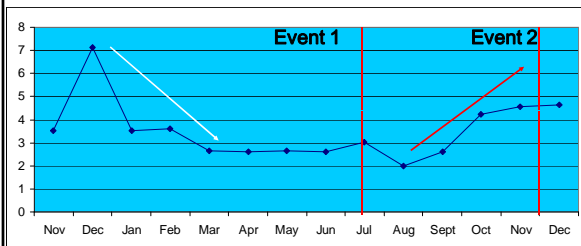
Coaching is Integral to Performance



Photograph showing Logistics Supervisor Phillip Tischina providing feedback to Pedro (Lead Driver (right)) and Avellino (Driver).

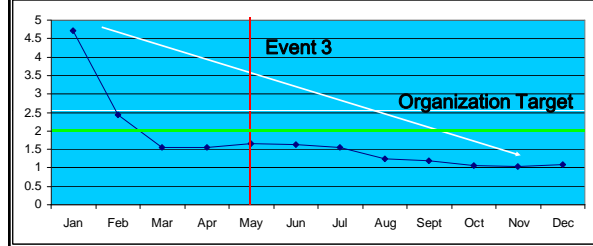
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Equatorial Guinea Performance 2007



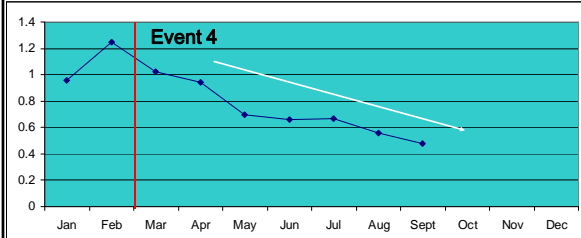
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Equatorial Guinea Performance 2008



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Equatorial Guinea Performance 2009 YTD



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Develop and Sustain Performance

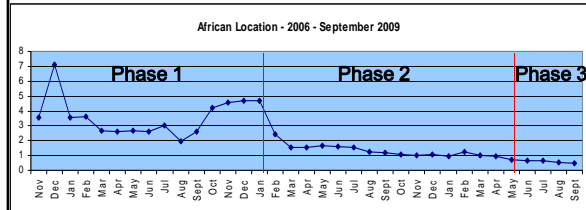
Phase I – Building Infrastructure:
Focuses on developing the framework of a program.

Phase II – Building Internal Capability:
Focuses on the development of key staff within an organization as they evolve their knowledge and experience base from an orientation of compliance to one of operational competence.

Phase III – Building Sustainability:
Focuses on the organization, specifically develop the support and renewal mechanisms that are in place to address redundancy whilst still supporting the key values of the program.

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Measuring Performance



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Benefits of our Land Transportation Program

- Reduction of risk to our drivers
- Reduction in the risk to our passengers.
- Reduction of the risk associated with the interaction of our vehicles in the local community.
- Reduction in the risk exposure to our corporation's reputation.
- Significant reduction in the running costs of the fleet.

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Questions??

- Please raise your hand or type in the message box

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