

FRSC – MAJOR OIL MARKETERS ASSOCIATION OF NIGERIA (MOMAN) CONTINUOUS ENGAGEMENT: PANACEA FOR NIGERIA HIGHWAY SAFETY



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Outline

- ✓ Introduction
 - ✓ Transportation in Nigeria
- ✓ Matching Relevance with Safety...How?
- ✓ Recommendations
- ✓ Conclusion



Transportation in Nigeria

Over 90 percent of the total movements in the country are made by road.

This underscores the dominance and significance of the road transport sector



The nation's economy is incomplete without the active role of trailers and tankers

Introduction



It has never been a media hype.
Never !

It has always been a matter of
national concern. Understandably

When ever and
where ever road
crash involving
trailer and tanker
conveying
hydrocarbon
products occur in
Nigeria, *it is an
inevitable
headline.....*

Introduction....2

The losses are invaluable

Life- No cost

The Vehicle-
Destroyed



Cost of
maiming-high

The Road-
Damage



The Earth-
Lifeless

The Air-
Pollution

But, are Oil
Tankers and
Trailers activities
not a necessity?



Transportation...2

Nigeria is currently dependent on the Gas & Oil sector for economic drive

Daily consumption rate has soared (2.5 mbpd)

Inadequate supply of PMS and others is better imagined

Yearly Nigeria Crude Oil Production

year	production	change	year	production	change
1980	2,055.00	NA	1999	2,129.86	-1.10 %
1981	1,433.00	-30.27 %	2000	2,165.00	1.65 %
1982	1,295.00	-9.63 %	2001	2,256.16	4.21 %
1983	1,241.00	-4.17 %	2002	2,117.86	-6.13 %
1984	1,388.00	11.85 %	2001	2,256.16	4.21 %
1985	1,495.00	7.71 %	2002	2,117.86	-6.13 %
1986	1,467.00	-1.87 %	2003	2,275.00	7.42 %
1987	1,341.00	-8.59 %	2004	2,328.96	2.37 %
1988	1,450.00	8.13 %	2005	2,627.44	12.82 %
1989	1,716.00	18.34 %	2006	2,439.86	-7.14 %
1990	1,810.00	5.48 %	2007	2,349.64	-3.70 %
1991	1,891.80	4.52 %	2008	2,165.44	-7.84 %
1992	1,943.00	2.71 %	2009	2,208.31	1.98 %
1993	1,960.00	0.87 %	2010	2,455.26	11.18 %
1994	1,930.90	-1.48 %	2011	2,550.35	3.87 %
1995	1,992.75	3.20 %	2012	2,520.00	-1.19 %
1996	2,000.53	0.39 %	2013	2,367.37	-6.06 %
1997	2,132.45	6.59 %			
1998	2,153.46	0.99 %			

Matching Relevance with Safety.... How?

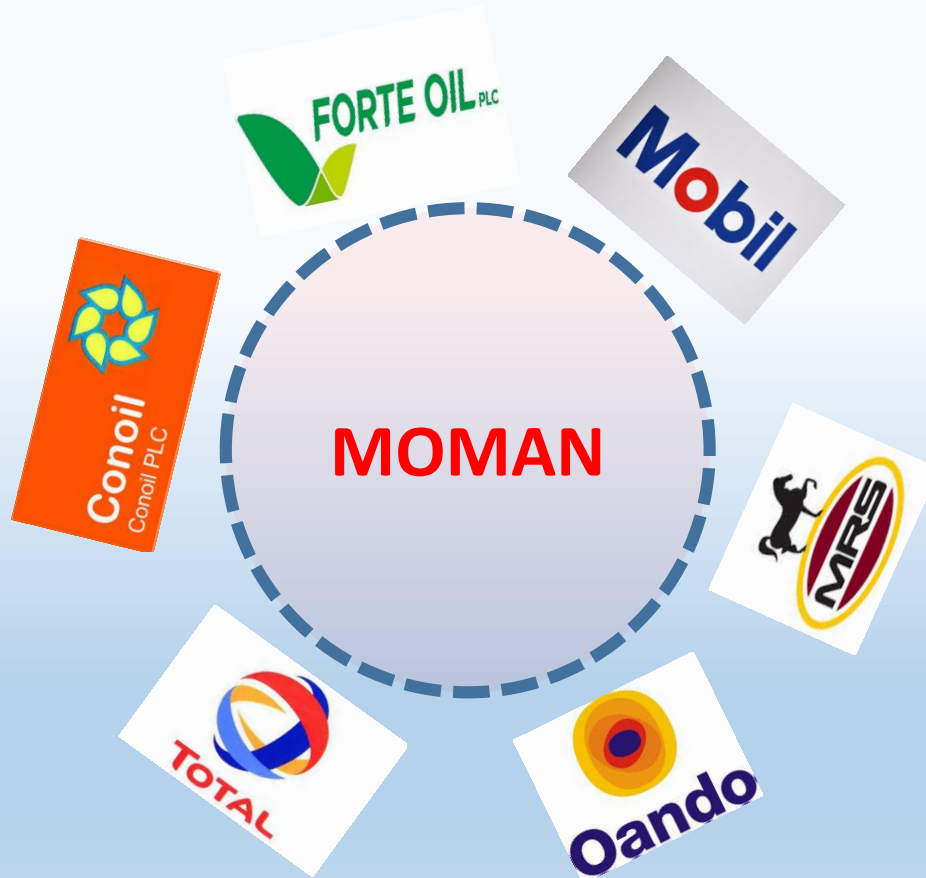


The services of the Oil and Gas industry is crucial to every sector of the Nigerian economy.

The means by which some operations of the O & G are performed constitute concern to Nigerians

Matching Relevance with Safety.... How?

Association that Prioritize Operational Safety



Whenever a hydrocarbon laden vehicle is on the road, the risk factors are usually quite high

-Momentum
(Mass x Velocity) 44,000 litres

- High Inflammability

- “intimidation”

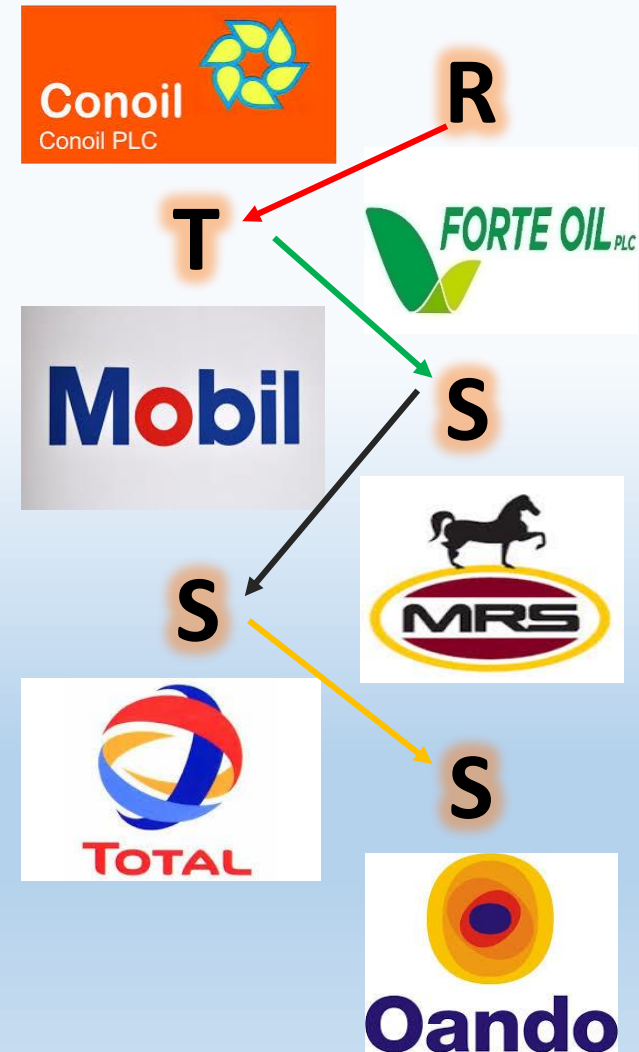
Matching Relevance with Safety.... How?

Essential Benefits of the RTSSS

The provisions of the RTSSS is a milestone in fleet safety operations which members of MOMAN should fully buy into

Essentials:

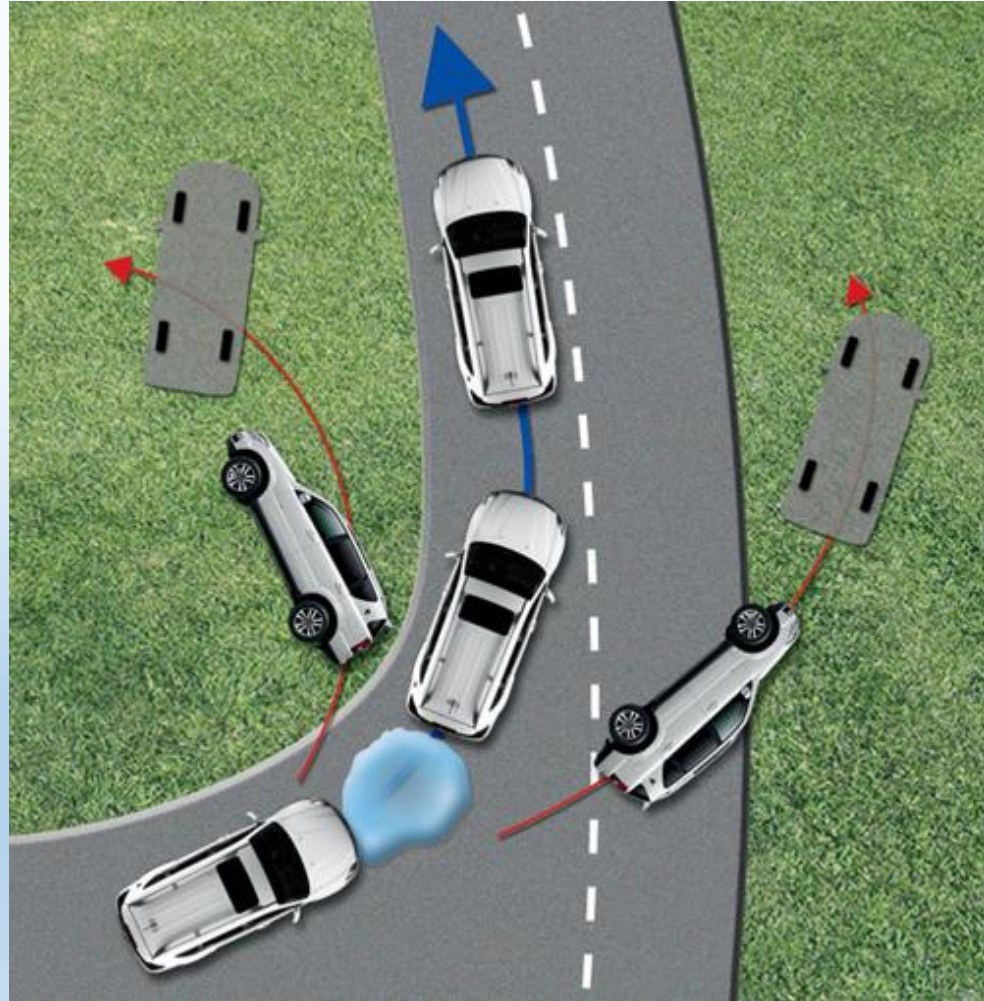
- i. Operator's Safety Standard
- ii. Driver's Safety Standard
- iii. Vehicle Safety Standard



Matching Relevance with Safety.... How?

Multiplier benefits of the Speed Limiter Programme

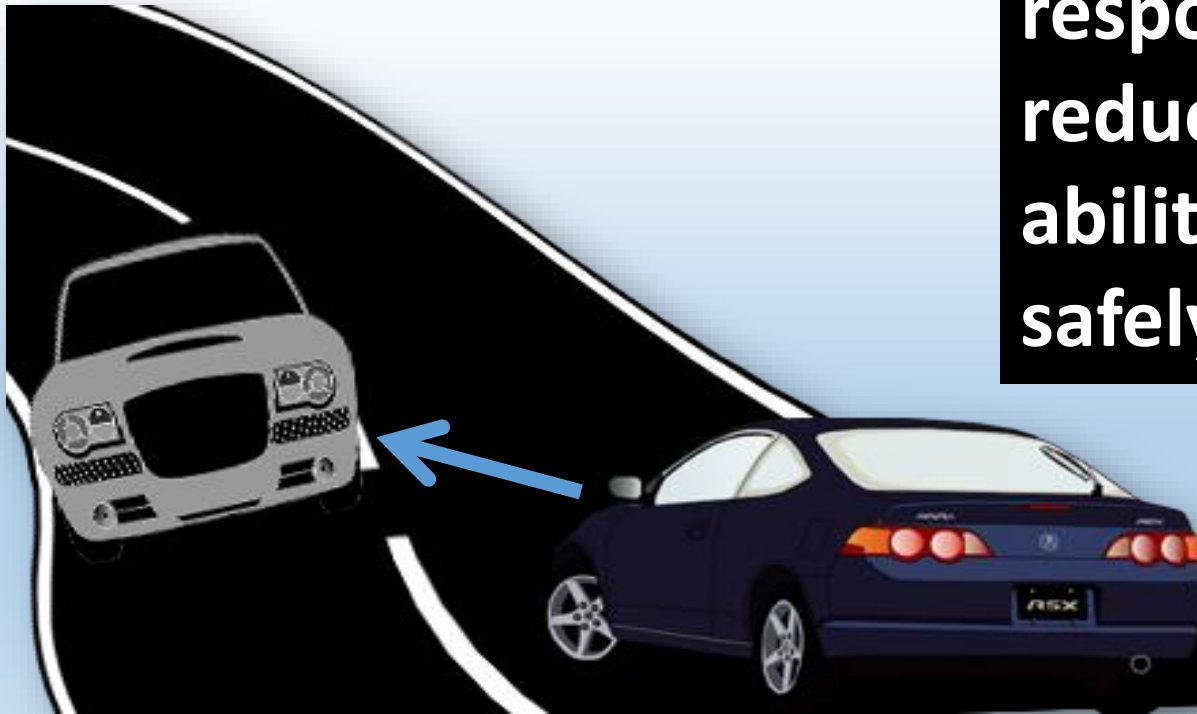
The laws of Kinetic energy and centrifugal force further increases the chance of RTC occurrence in a speeding vehicle by affecting the stopping distance and gravitational pull of the vehicle, respectively



Matching Relevance with Safety.... How?

Multiplier benefits of the Speed Limiter Programme2

Excessive speed not only decreases driver's response time, it also reduces the driver's ability to maneuver safely on the roadway




Matching Relevance with Safety.... How?

Multiplier benefits of the Speed Limiter Programme....3

Technical Reports on the Most Probable Cause of RTCs in the Country from 2012 to 2015

YEAR/MOST PROBABLE CAUSE OF RTC	2012	2013	2014	2015
SPEED VIOLATION	35.2%	32.0%	30.9%	26.5%
LOSS OF CONTROL	17.5%	17.1%	20.8%	22.9%
DANGEROUS DRIVING	16.2%	12.1%	11.0%	9.4%



Matching Relevance with Safety.... How?

Multiplier benefits of the Speed Limiter Programme.....4

**Cost of Installing
a brand new
Speed Limiter ?**



OR

**Buying a Brand
New Trailer?**



**Speed thrills, but
kills**

**The most cost
effective way is to
install speed
limiters to
involuntarily
restrain drivers from
exceeding
prescribed/authori-
sed speed limits.....**

Matching Relevance with Safety.... How?

Ensure effective implementation of the S-T-L



**Proper twist
locking, latching,
fifth wheel fitting
, proper closing of
the valves**

Matching Relevance with Safety.... How?

Strict adherence to ADR

MOMAN should ensure that all members' clearly display appropriate ADR signs and labels on all vehicles and at all times

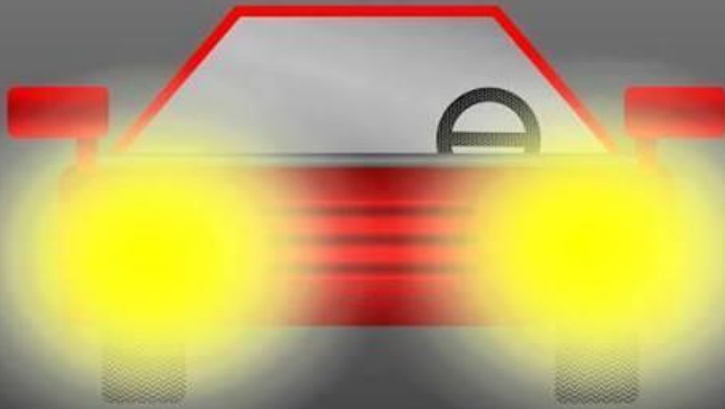
Sensitize the public too.....



Matching Relevance with Safety.... How?

Use of appropriate
Lighting

Can you see the car clearly?



High beam - It irritates the opposite drivers.....

**All vehicles with the
fleet must be fitted
with standard
lighting system.**

**Extra fitted lights
predisposes other
road users to risk**

**Sometimes to
crash.....**

Matching Relevance with Safety.... How?

Use of retro-reflective tapes



Road Traffic Crashes that occur between unsuspected stationary and moving vehicles are usually fatal, with limited chances of any survival....

This can be avoided...

Simply fix the **right Retro-Reflective Tape to your vehicles.**



Matching Relevance with Safety.... How?

Use of weigh bridges in the country

To minimize damage to the road, road infrastructure, vehicle and the environment, weigh bridges are being resuscitated to add value



Matching Relevance with Safety.... How?

Effective Partnership & Collaboration

Forging effective partnership with FRSC in Road Safety

❖ **Understanding that the Corps cannot do it alone**

The Road is for all and mutually beneficial...

Crash does not respect anyone



Matching Relevance with Safety.... How?

Training & Technical Assistance.....1

**MOMAN to seek
FRSC support in
standardizing
Drivers' training
programmes**

**Support the Corps
initiative in the
deployment of
Personnel to Tank-
Farms nationwide**



Matching Relevance with Safety.... How?

Training & Technical Assistance.....2

In addressing Hydrocarbon transport crash problems in Europe, a technical Centre was established (APTH) to ensure uniform training and standards

FRSC has 40 APTH certified Experts that can help in Nigeria....



Recommendations

MOMAN should mainstream into the government programme on Speed Limiter installation - enforcement commencing on 1 April, 2016.

MOMAN to replicate 'APTH' in Nigeria

Vehicles conveying hydrocarbons should be fitted with the Standard Retro-Reflective tape to enhance visibility

Ensure implementation of the Safe-to-Load programme

MOMAN members should fully activate the RTSSS

MOMAN should key into the FRSC continuous training, certification and re-certification programmes

MOMAN and FRSC to meet periodically to review safety issues

Conclusion

Striking the right strategic partnership among stakeholders in the Oil and Gas sector is the most important step in curbing volatility and consequences of hydrocarbon transportation in Nigeria.

Without doubt, the MOMAN forum has the capacity to address lapses that impair on road safety in the country. It is believed, henceforth, that the right attitude and actions will activated to the benefit of all.

THANK YOU

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