

Mauritanian Logistics

Shifting from infrastructure to logistical procedures

Mauritanides – October 2014, by Nelis Cosyns



Agenda

■ The Ports

- Traffic Growth
- Infrastructure Developments
- Equipment Developments

■ The Processes

- From Bulk to Containers
- From Depotage to Sortie TC
- From Paper to Electronic

■ The Future

- Custom bounded depots
- Electronic documentation
- Unit tariffs vs tonnage tariffs

■ Summary





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The Ports – Infrastructure Developments

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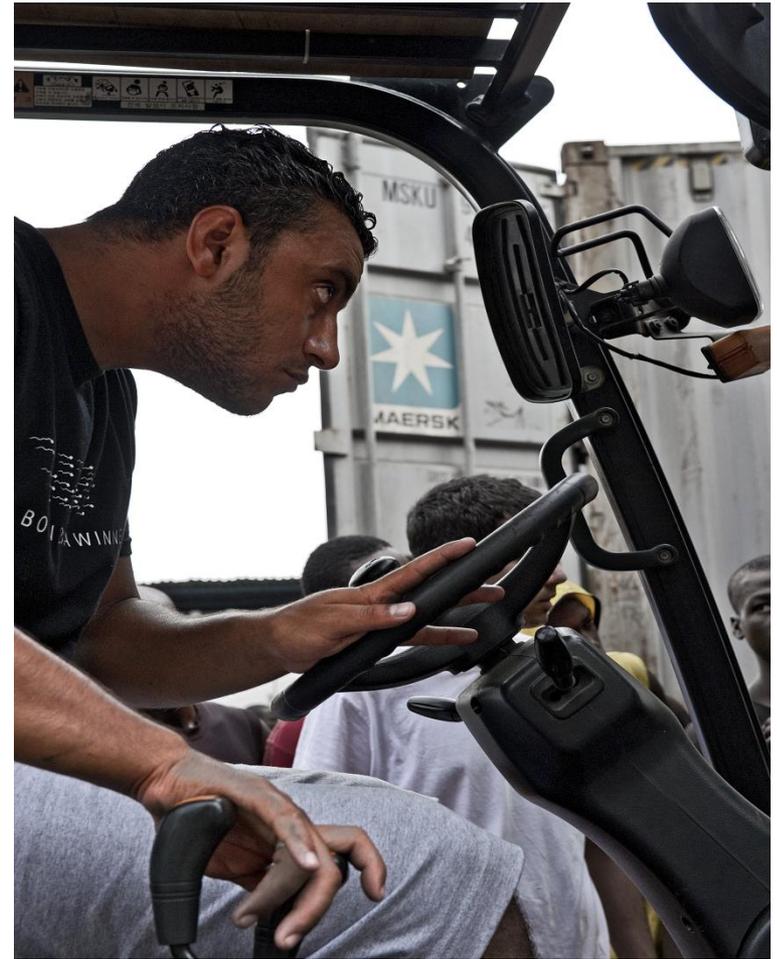
- Ready : New deep drafter quay
- In pipeline : Dedicated container terminal facility

■ Nouadhibou

- Ready : Port extension with quay and yard
- In pipeline : Terminal operator concession

The Ports – Equipment Developments

- More stevedoring companies
- More private equipment
- Quay cranes..



The Processes – Bulk to Containers

- All Seaborne trade +4%
- Container Trade +9%
- Advantages of containers for bulk commodities:
 - Flexibility in handling
 - Flexibility in transport

Container port

- 70-80% utilization
- Technology is key
- Procedural efficiencies

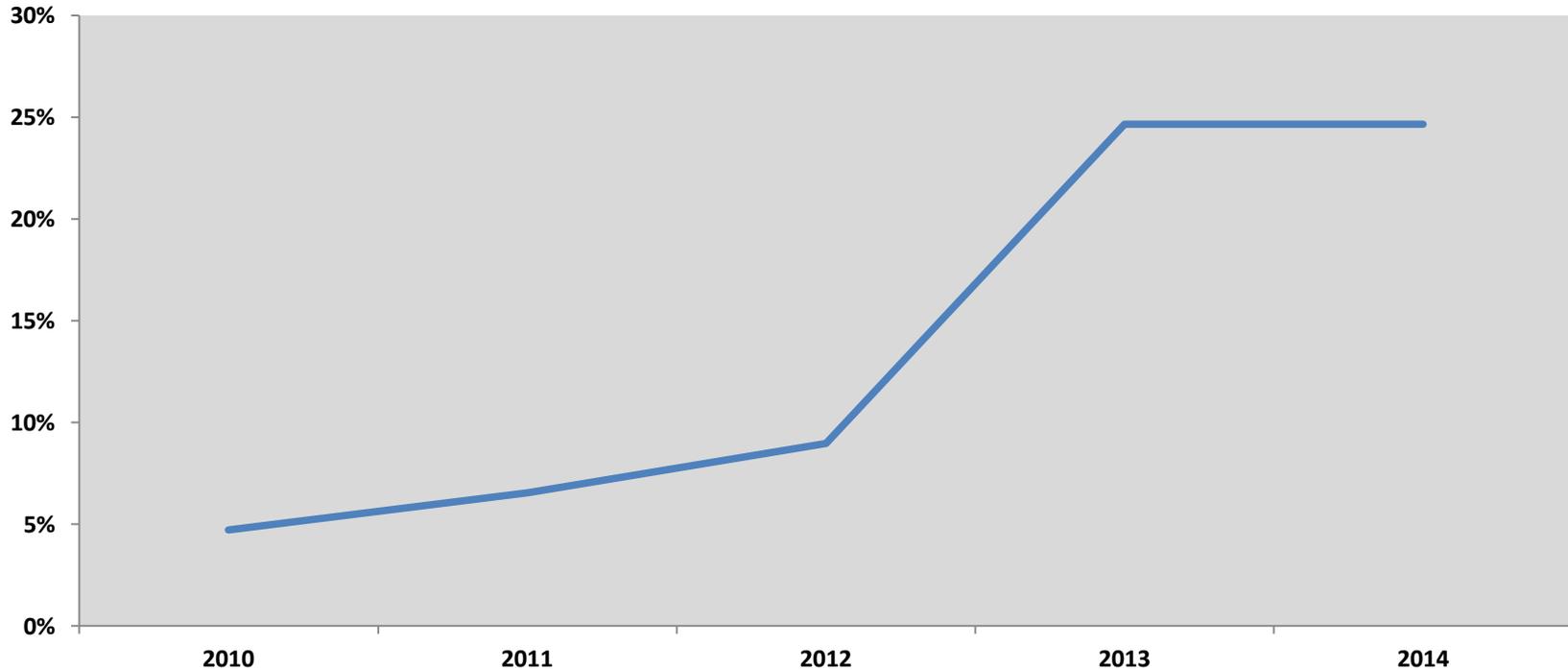
Iron Ore port

- >80% utilization
- Size is key
- Production scale efficiencies

Source : UNCTAD OECD

The Processes – Depotage to Sortie TC

Evolution sortie TC 2010 to 2014



- Space constraints
- Increased costs inside the port

The Future – Custom Bounded Depots

- For containers port utilization is key
 - Quay utilization is solved
 - Yard utilization is
- Yards are small, congested and fragmented
- Solution : custom bounded depots outside the port

The Future – Electronic Documentation

- For containers procedural efficiencies are key
 - Customs is solved for shipping lines Done
 - Customs not yet linked to terminals Pending
 - Port not yet linked to customs Pending
 - Port not yet linked to terminals Pending
- Solution : a single EDI platform that connects all parties

The Future – Unit vs tonnage tariff

- For containers procedural efficiencies are key
- Today every container on weigh bridge
 - tariffs are per tonnage
- Negative impact on productivity and adds complexity
- Solution : a port unit tariff for containers

Summary

- Substantial growth and opportunities
- Infrastructure is improving
- Equipment is improving

- Increase in containers
- Increase in sortie TC
- Increase in electronic documentation

- Custom bounded depots outside the port to alleviate congestion
- Electronic documentation to improve process efficiency
- Port Unit tariff to improve operational efficiency



Thank you

