



News Update Issue No. 16 Winter 2007

TEC Ready To Commission Major Bitumen Storage Facility in Qatar

TEC are about to undertake the final stages and commissioning of this project which will facilitate bulk delivery of Bitumen by Hot Ship to the quayside at Port Mesaieed through heated storage to truck loading for local distribution. Using versatile Bitutainers™ and innovative equipment such as their moveable Ship-to-Shore units, TEC have once again excelled at providing effective solutions for storage and transportation of Bitumen.



Moveable Ship To Shore Unit



Truck Loading Gantry Installed



High Level Safety Controls



Facility Ready for Commissioning

Company Focus....TEC's core areas of business are supplying innovative solutions for the handling, storage and transportation of bitumen, fuel oils and lubricants based around the Bitutainer™ range of tank containers.

Inhouse Expertise....TEC's experienced engineers are a key factor in the company's success. The teams include mechanical, piping, electrical and civil disciplines.

Field Staff.....TEC have the experienced engineers necessary to place capable teams in the field to meet the demands of major projects

Commercial Department....With the continued success of the Bitutainer™ and other new products being launched the commercial team are kept busy developing new markets whilst fulfilling the requirements of existing customers

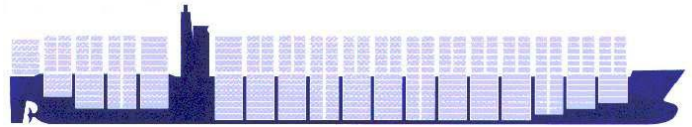
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TEC Equipment Sales Ltd
White Oak House, Oak wood Drive,
Angmering, Sussex UK
Telephone:+44(0)10903 783080
Email: info@tecint.co.uk
Website: www.tecint.co.uk

- **Trafigura Debeer purchase sixty 30/70 Shipper Bitutainers™ primarily for use in Angola and West Africa**
- **Use of steel drums to ship bitumen in decline due to environmental and efficiency issues**
- **Pioneer Asphalt of Hanson Group take delivery of thirty Bitutainers for use at Hong Kong Airport**
- **Demand for bitumen continues to grow, particularly in developing countries in the Africa and Asia regions**
- **Strong demand for TECs temporary storage facilities, handling equipment and logistical solutions**



TEC Bitutainer™ IMO1 Model TRT-T-678 has a 24Mt carrying capacity. It is fully IMDG compliant with ADR/RID, US DOT

50 Years of Container Shipping



Today's modern container ships circumnavigate the globe transporting bitumen to Barbie Dolls...

2006 marked the 50th anniversary of containerisation, an innovation that led to revolutionary changes in sea transportation, in turn, making the World smaller and the Global economy bigger.....

Today nearly 90% of the world's non bulk cargo is being transported in specially designed boxes on board specially built ships, known as 'Box Boats'

The world owes it all to Malcom McLean, who in April 26th 1956 loaded Ideal X, an improvised container ship, with fifty eight 35-ft truck trailers and sailed from Newark to Houston, Texas, thus ushering in the age of containerisation.

It is estimated that by 2010 containers will account for 70% of the world's trade and ever bigger vessels are needed to transport the estimated 18 million containers in circulation making 200 million trips per year.

Currently, the mightiest 'Box Boat' of them all is the Danish owned Emma Maersk, measuring 397m, whose propeller alone weighs 130 tonnes. It is able to carry over 11,000 TEUs, 1400 more than its nearest rival.

Landmarks of the past 50 years:

1956 Malcom McLean loads 58 trailers on to Ideal X - a converted oil tanker

1968 Standardisation of 20' and 40' container designs

1970s Ports such as Singapore and Felixstowe thrive on growing container traffic

1995 TEC launch the market leading Bitutainer™ range of tank containers

2006 Emma Maersk launched and docks at Felixstowe on maiden voyage.

Message from Paul Whittall

Firstly may I wish you a Happy and Prosperous New Year on behalf of all of us at TEC.

This year we have many exciting projects booked for our Technical and Onsite teams in North Africa, Europe the Middle East and Australasia and are looking forward to the challenge.

As ever we have seen very strong demand for all the models in the Bitutainer™ Range and the factory is working flat out to keep up with demand. A number of major bitumen suppliers from Africa and Asia are currently undergoing trials with a view to replacing existing tankcontainer fleets with TEC Bitutainers™.

We are looking forward to continued working relationships with you in 2007.

TEC Report record demand for Bitutainers™ for the Transportation and Storage of Bitumen

As orders are placed from all corners of the globe the Bitutainer™ range of tank containers goes from strength to strength.

The 30/70 Shipper is increasingly favoured in Africa and the Asia where their impressive 27Mt capacity, using 'cube' shaped tanks, provide up to 30% more carrying capacity than conventional tank containers. Further developments to the 20 and 24Mt IMO units have seen them upgraded to IMO1 status and they are proving ever-popular in Europe and the Americas where strict road weight restrictions apply.



TECs best selling 30/70 Shipper Bitutainer™ is now the preferred tank container for deep water shipping of bitumen for suppliers

The other major success is the 40' Storage Bitutainers™ with a 60Mt capacity. These units can be linked to build versatile 'tank farms' - ideal for temporary storage facilities in challenging locations which are fully re-locatable as demand dictates.

What makes the Shipper Bitutainer different from other tank containers?

- 1. Volume** - with its cube shaped vessel the Shipper has 30% more carrying capacity than conventional tanks
- 2. Construction** - same shape as a conventional dry van, but a double skin, welded Corten steel and pressure tested
- 3. Heating** - controllable heating systems applying heat directly to the heat of the Bitutainer providing a faster reheat

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