

GLOBAL GRAVITY

Rig-Ready TubeLock®





Dirty, difficult and dangerous – why millennials won't work in oil.

- Let us make it less dangerous!

RIG-READY TUBELOCK®

Pre-packed and ready for load out!



IMPROVE SAFETY AND EFFICIENCY IN DRILLING OPERATIONS

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**SAVE
TIME**

Storage
and running
in one



**SAVE
RIG SPACE**

**RIG-READY
TubeLock®**

Measured,
tallied
centralisers
fitted onshore

One-lift
operation

**SAVE
HANDLINGS**



SAVE TIME AND COST

Reduce offshore preparation time

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Pipes are tallied and prepared onshore – this means that you can save valuable time offshore where money really matters.

Average savings from other operations with international projects:

18%
Less time on entire process

50%
Less handling on rig

60%
Less space used on rig



STACKING VESSEL
1,2M HIGH

STACKING RIG/SHORE
3,0M HIGH

PLACING OF PROFILES
MIN. 2,5M
MAX. 3,0M

MAX. 60°
SWL 6.0M

TYPE APPROVED PRODUCT

SAVE TIME

Measured, tallied centralisers fitted onshore

RIG-READY TubeLock®

One-lift operation

SAVE HANDLINGS

Storage and running in one

SAVE RIG SPACE

SAVE RIG SPACE

Space optimisation with Rig-Ready TubeLock® system

- Your Rig-Ready pipes can be placed directly on the cantilever deck in one lift from the supply boat.
- The pipe handler crane can pick up directly from the TubeLock® racking - no additional handling offshore.



SAVE HANDLINGS

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Reduce offshore handlings – increase offshore up-time!

- Pipe is prepped at the pipe yard – tallying, drifting and fitting of centralizers (if required) is done prior to loading pipe into the Rig-Ready TubeLock[®] systems.
- No need to find space offshore to lay out the pipes and handling several times - reducing the health and safety exposure dramatically.



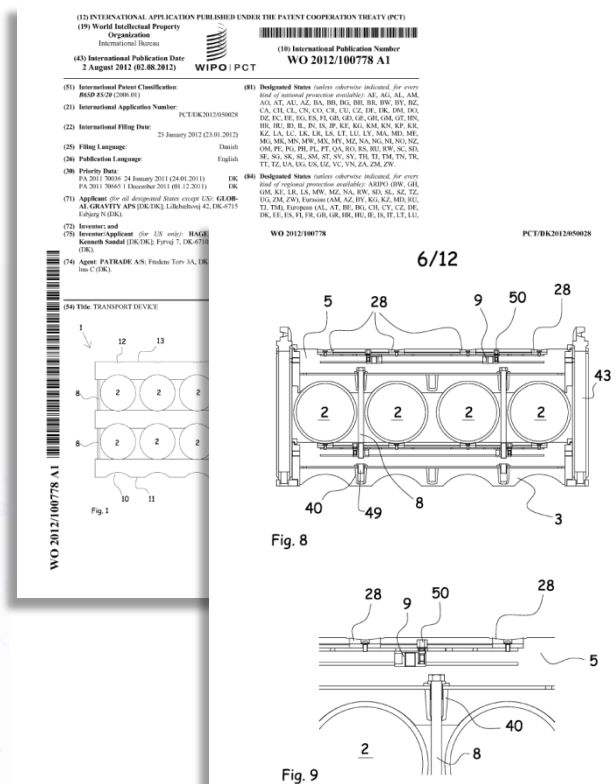
TECHNICAL ADVANTAGES

of the TubeLock system

- Component weight <15 kg. – Easy for handling – 1 person lift.
- Ideal for transporting chrome pipes
- Minimum space for backload
- Stackable onshore, on boat and on rig
- Running the stacks from top down
- Centralisers fitted, drifting and tallying done onshore
- Easy inspection of threads stacked offshore before running
- Shoe, float and hanger can be transported in TubeLock[®]
- Can be used together with the pipe-handler crane
- Pup joints can be transported



CERTIFICATES, TRADEMARKS & PATENT IN PLACE



is found to comply with
DNV GL standard DNVGL-ST-0378 – Standard for offshore and platform lifting appliances

CUSTOMERS SAYS



Hess – completion engineer:

- Improved QA on compiling / checking running tallies ahead of time
- Minimal footprint required on the rig



Shell

ENSCO



DEA

EnSCO, Rig Asset Manager to Wintershall

Robert,

*Do you have any details on these liner racks?
(Just curious because they look like the real deal).*



Maersk Oil, drilling superintendent;

- Reduced manual pipe handling, hence increased safety
- Reduced number of lifts offloading supply vessel



• BASF Gruppe

DEA, Senior drilling engineer

“In our company there are different meanings about TubeLock – some hate it (due to cost, but nobody has spoken to you to discuss...) some love it (due to space saving elements, easy to assemble”



DONG Energy, drilling manager

- Improved equipment protection – for chrome materials especially
- Safe and efficient way to handle tubulars



Vallourec, Senior technical manager;

“I can confirm that this is the best in class pipe racking system I have seen to date”.

Life Cycle Well Engineer HPHT, Shell Upstream International Europe:

- Safe and rigid construction for transportation



Tenaris, Senior management in DK

“Hess and Dong are using them and they are extremely happy with the product and the service provided. They can notice the advantages. I know also that the two owners of the company are very serious and investing a lot of money in R&D. Actually they improved the product a lot in the last two years”



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YOUR SAFEST CHOICE FOR TUBULAR HANDLING