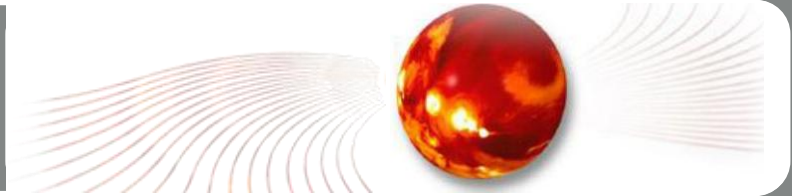




REEL-Group Tailor made solutions for ITER

MIIFED

2nd – 4th Dec. 2013 in Monaco



Agenda:

How ITER & Fusion drive technology for other Industry ?

- > Mission of REEL-Group
- > REEL-Group on ITER-Project
- > How drives ITER & Fusion the technology in Industry?
- > Summary / Statement



Mission of REEL-Group

- > REEL- Group, a medium-sized & family-owned Company
- > Above 60 years on markets, more than 1,000 special cranes & lifting equipment in operation worldwide,
- > We develop our mission in following Industry-Markets:

Energy



Aeronautics



Defense



Aluminium



Offshore





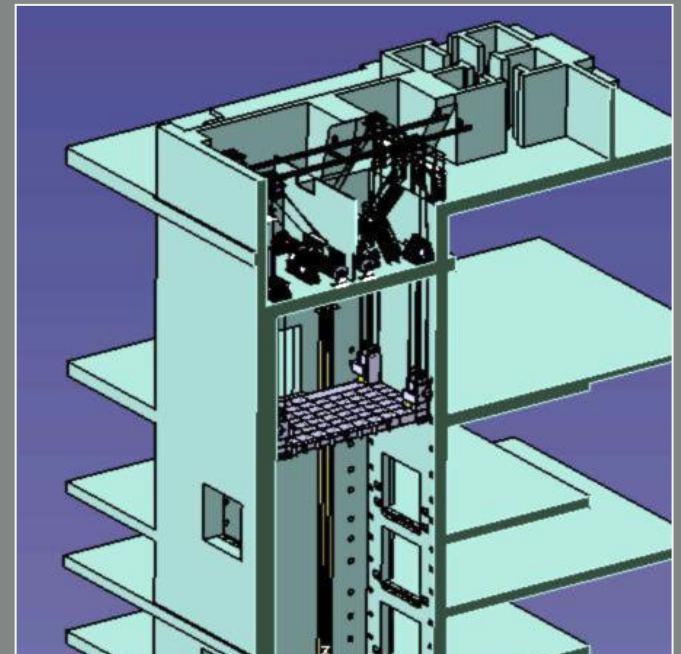
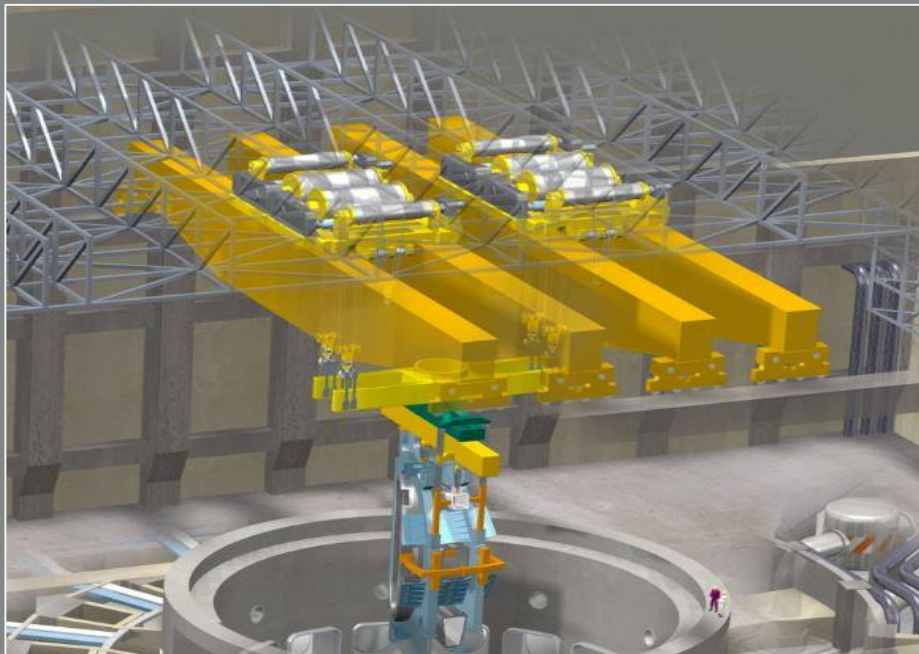
Mission of REEL-Group

- > To be a global supplier for high tech solutions. REEL is an integrated Engineering company: Design, Manufacture, Services),
- > Integrate the clients process objectives in our design,
- > Bring in, the existing Group skills, know-how (mechanic, electric, I&C), experiences and references according to our customer needs,
- > Fulfill high level Health, Safety & Environmental policy (HSE) for REEL Group & Customers
- > Realize positive benefit and profit together with our customers and work sustainable on the markets (we are thinking in generations)!



REEL-Group on ITER Project

- > Consortium NKM NOELL & REEL got F4E-contract (TB02) to deliver two 750t x 45 m Tokamak Main Crane System & One 120t Nuclear Safety Cargo lift-System





How ITER & Fusion drive technology for other Industry?

Challenging technical solutions for the handling of sensitive goods in a demanding technical environment:

Cranes

- > Huge dimensions (Span 45 m) – High loads (up to 1500 t)
- > High requirements regarding accuracy aimed positioning (+/- 3 mm)

Cargo Lift

- > Safe operation under nuclear radiation
- > High safety requirements – Probability of load drop 1×10^{-7}

Project

- > Management of Interfaces
- > Multi-National Project
- > Complex working procedures of ITER far from standard industrial processes. Improvement shall be done.



Summary / Statement

- > In ITER-Contract, REEL-Group brings to ITER-Project some existing and well operating safety technologies delivered for Nuclear Reactors world wide & using the Groups existing know-how, experiences, references and expertise.
- > Sure, ITER also creates new technologies, ideas and new solutions not existing currently in the industry.
This drives the interest of industry to work for ITER also. But the work at the end shall remain profitable.
- > Relation between ITER & F4E and REEL group shall be based on common nuclear industrial project management



**Thank you for your kind attention
and invitation to meet you**

www.reel.fr

www.nkmnoell.com

Thank You