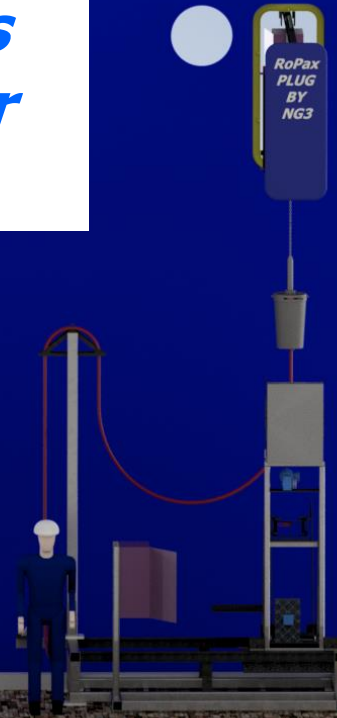
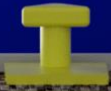


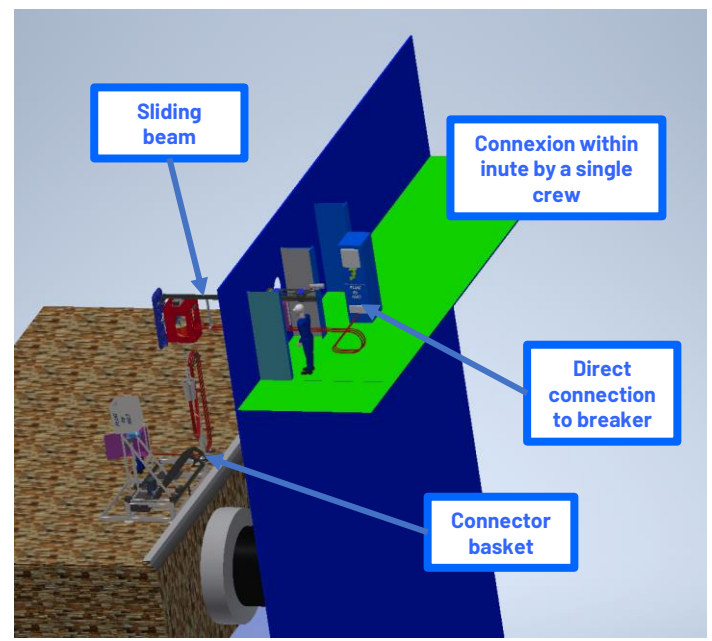
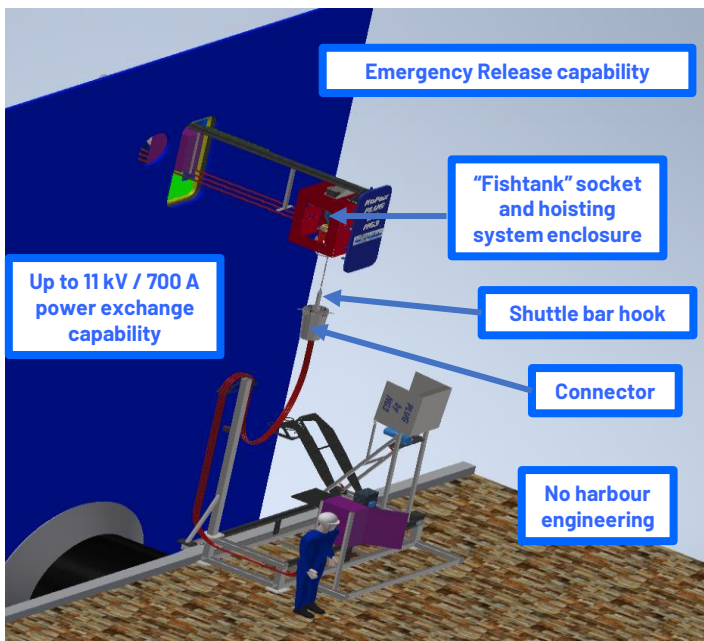
***RoPax PLUG : since 2011,
the most efficient "hands
off" shore connection for
RoPax vessels!***

RoPax PLUG



Main features and benefits

- **Base don the well proven PLUG design**
- **No foundation required**
- **Based non sound and reliable** mechanical effects
- Compliant with **80 005 IEC** functional requirements
- Compliant with **class and CE machinery directive and EUROCODE**
- **Can be easily relocated to another quay/harbour**
- **Compatible with large tide variations**
- **World's first "hands off" shore power cable management system**
- **Remote control by as ingle crew**
- **Easy access** for maintenance
- **Automated cable tension monitoring**, with alarms
- **Standard design** for both ship and terminal side interfaces
- **Environmentally friendly**, (optimizes use of steel and avoids concrete foundations and heavy harbour engineering ...)
- Installation on board is straightforward =>**no specific skills needed for yard**
- **Low Maintenance**, easily performed by terminal personnel
- **Very Safe**, as the connexion is performed above water , out of the hull's envelope
- **No car or passenger cabin loss**, can be located within one frame space below vehicle access ramp



Compact and lightweight : delivery of the full ship and quay side set with a simple family car and trailer!

Installation within one week, both on board and on the quay side!

Qualified for up to 11 kV / 700 A by Bureau Veritas Electrical lab

3 Level mechanical tension alarm sensors

Cable festoon compensating tide and vessel's movements

Longitudinal alignment

Self mating /demating connector technology based on simple mechanical effects

Sliding beam

Connector hoisting system

Watertight door

No direct handling of connectors and cables

Hoisting chain

Pilot contacts according to IEC 8000-5

Self centering and locking hoisting hook

C&C cabinet

Power Cables

11 kV Socket

Compact (less than 400 mm diameter), low weight (less than 40 kg), 13 MVA capable PLUG technology

Spring loaded rotating lid protecting the contacts until connection

Proven 11 kV technology, in use since 2011, world leader for hybrid propulsion RoPax fast battery charging

Fits within one frame space



Shore power you can afford!

Contact : sales@ng3.eu

See PLUG in action on you tube :



NG³ New Generation,
Natural Gas,
Natural Growth,

12 quai Caméré, 27200
Vernon France
www.NG3.eu

With support from :



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