

Project schedule:
Wheatstone Floatover
SGS Leg Mating Unit
 Page 1



Project schedule:
Liwan
Floatover Fenders
 Page 2



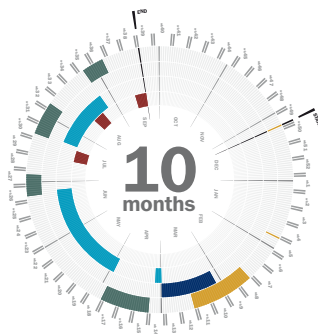
Project schedule
Bien Dong
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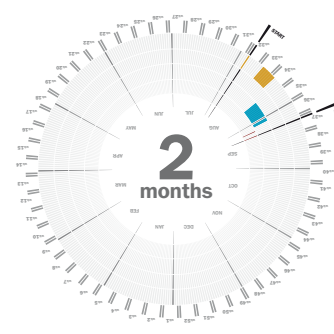
The Energy Project Timeline Infographic

Trelleborg Engineered Products has a 100% on-time delivery-rate for offshore oil and gas projects. This infographic provides an overview of timescales for various processes, from design through to delivery.

- Design & Engineering
- Procurement
- Fabrication
- Testing
- Delivery
- Client Collection



Project schedule:
Ichthys
FPSO Bearing
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Project schedule:
PT Timas Mol
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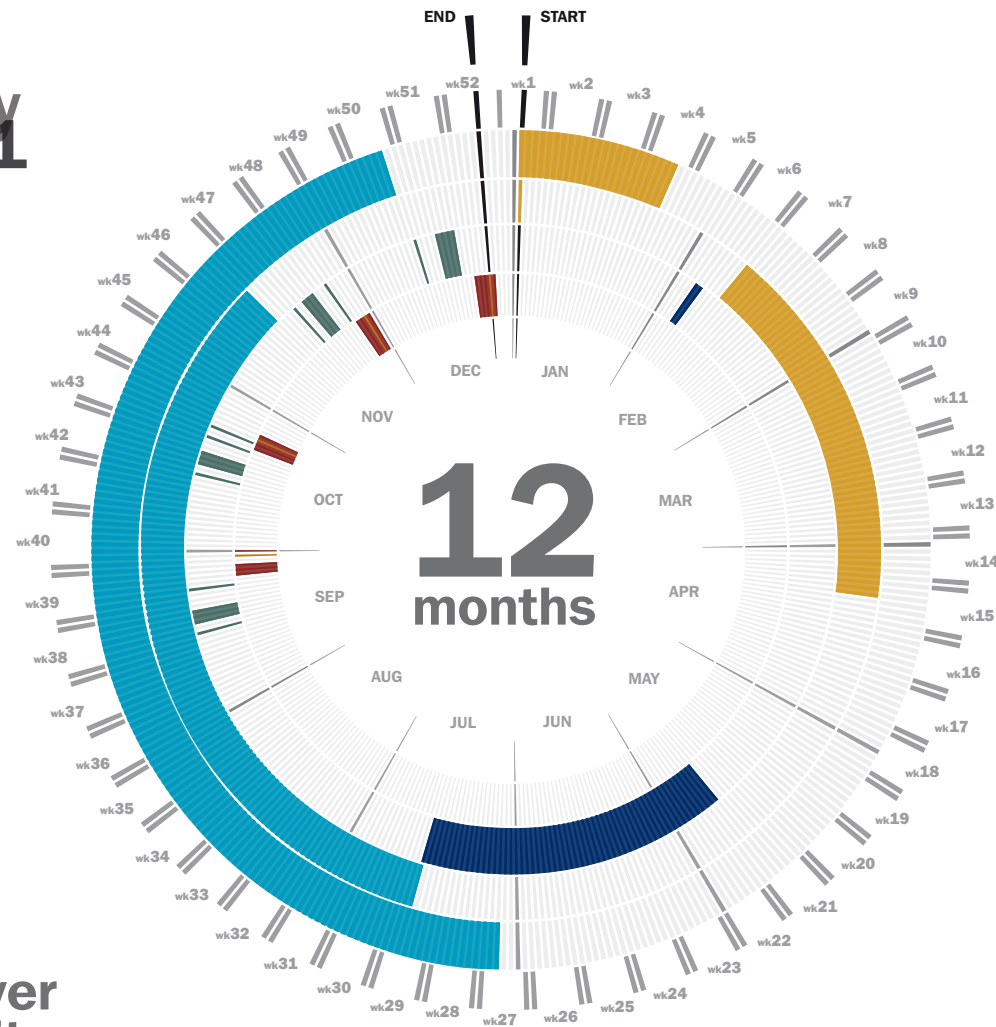


Project schedule:
PT Pal Bunawati
Boat Landing System
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Everyday Ingenuity Starts on Week 1



Project timeline: Wheatstone Floatover SGS Leg Mating Unit



Design & Engineering
46 days



Procurement
77 days



Fabrication
196 days



Testing
84 days



Delivery
17 days



Client Collection
4 days

In floatover projects, LMUs take up the static load of the topside structure as well as the dynamic load of the topside during the mating process.

To accommodate Project Wheatstone's 37,000 tonne topside, Trelleborg Engineered Products designed, tested and delivered four of the world's largest and highest performing Leg Mating Units to Shell for their Western Australia offshore project.

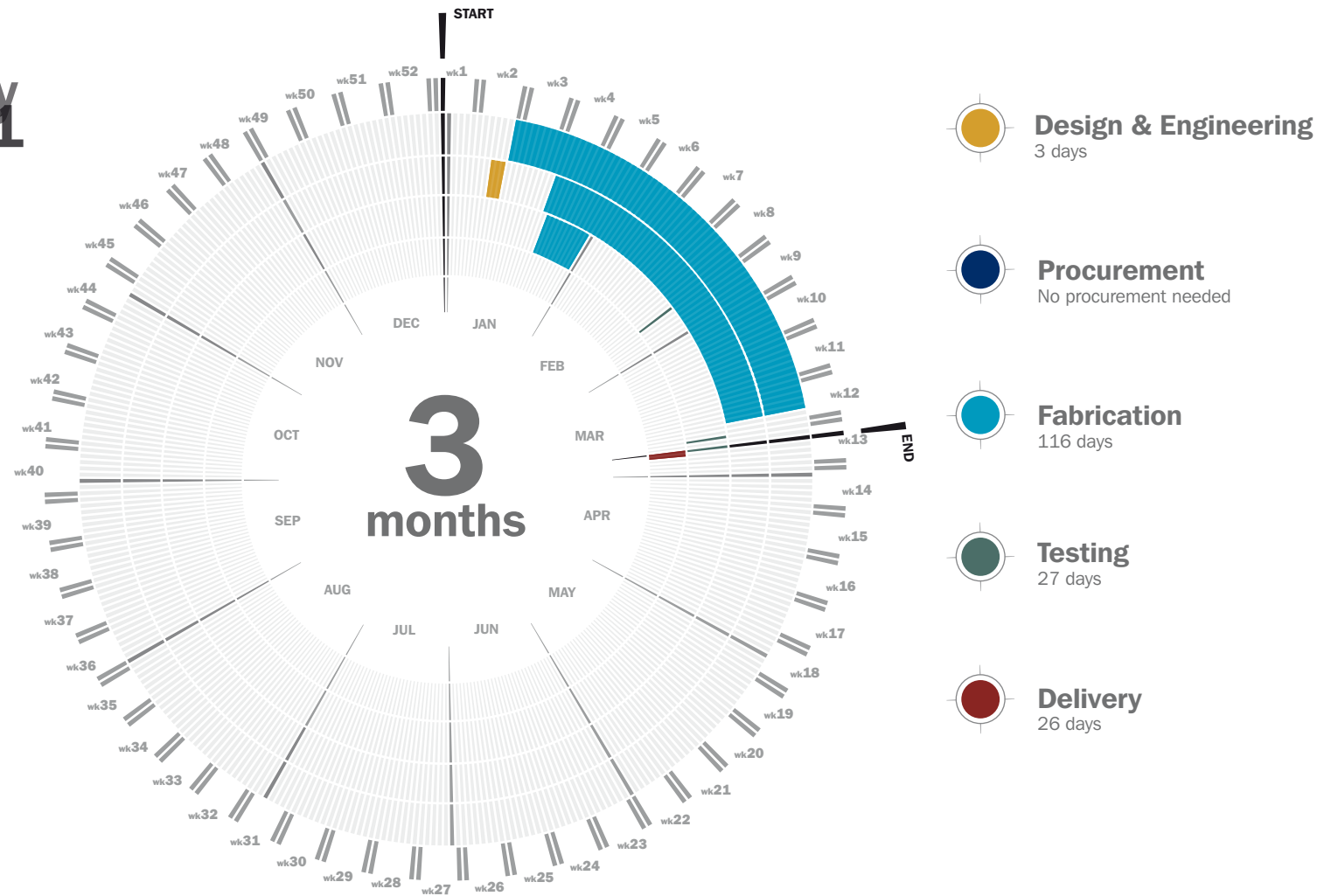
Everyday Ingenuity Starts on Week 1



Project timeline: Liwan Floatover Fenders

Floatover fenders guard against potential impact between a barge and an oil platform's substructure legs during the entrance, mating and exit phases.

86 sway fenders and two sets of surge fenders were delivered to COOEC and used in CNOOC's South China Sea Liwan Project, one of Trelleborg's first projects for a Chinese client.





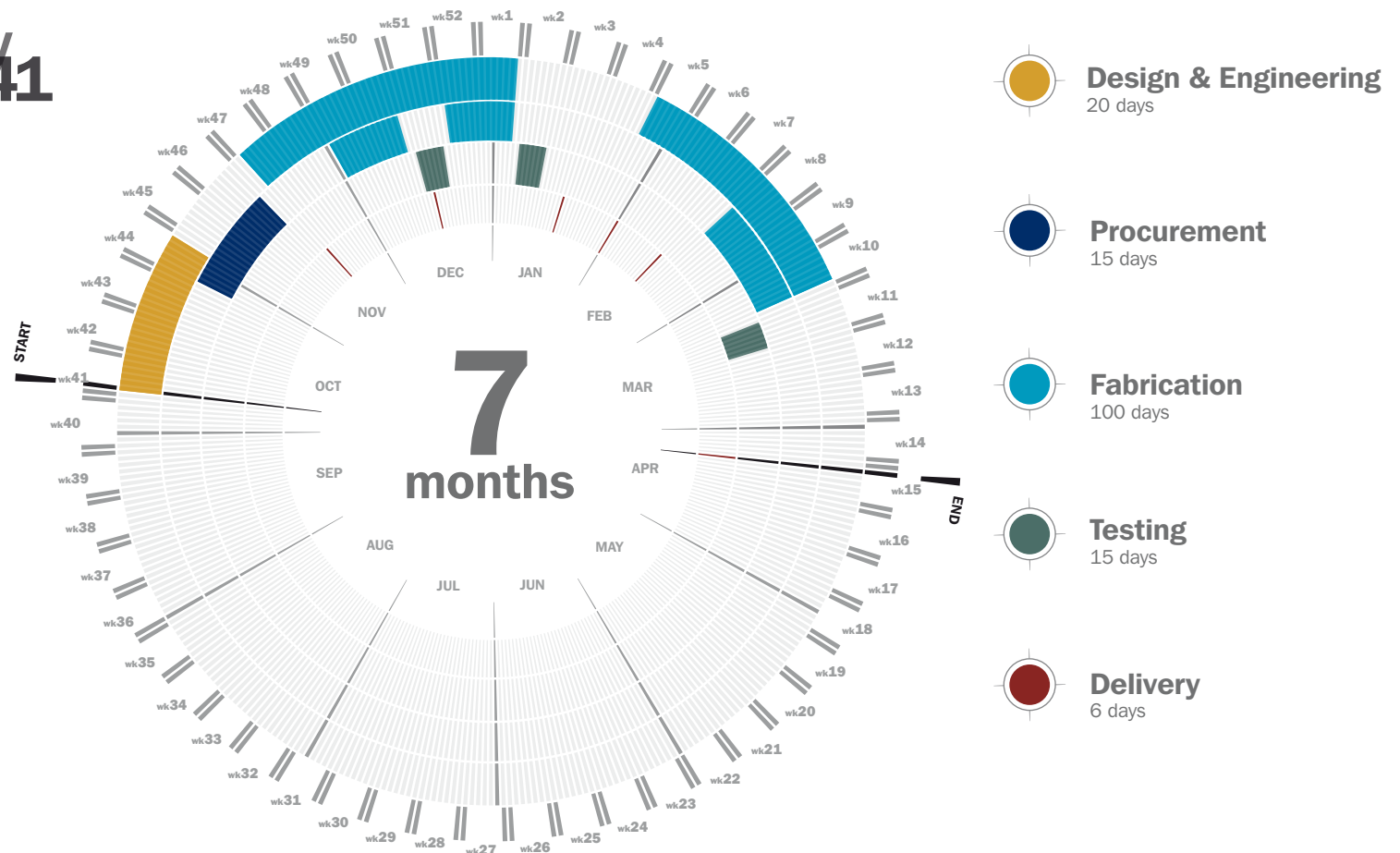
Everyday Ingenuity Starts on Week 41



Project timeline: Bien Dong Grout Seal

As a part of our leg can systems, grout seals assist grout packers in ensuring the jacket pile annulus is clean by preventing mud contamination.

Delivering 28 sets to our client PTSC, Trelleborg Engineered Products' grout seals were used in the Vietnamese Bien Dong Project. Project Bien Dong is owned by the BD Petroleum Operating Company.



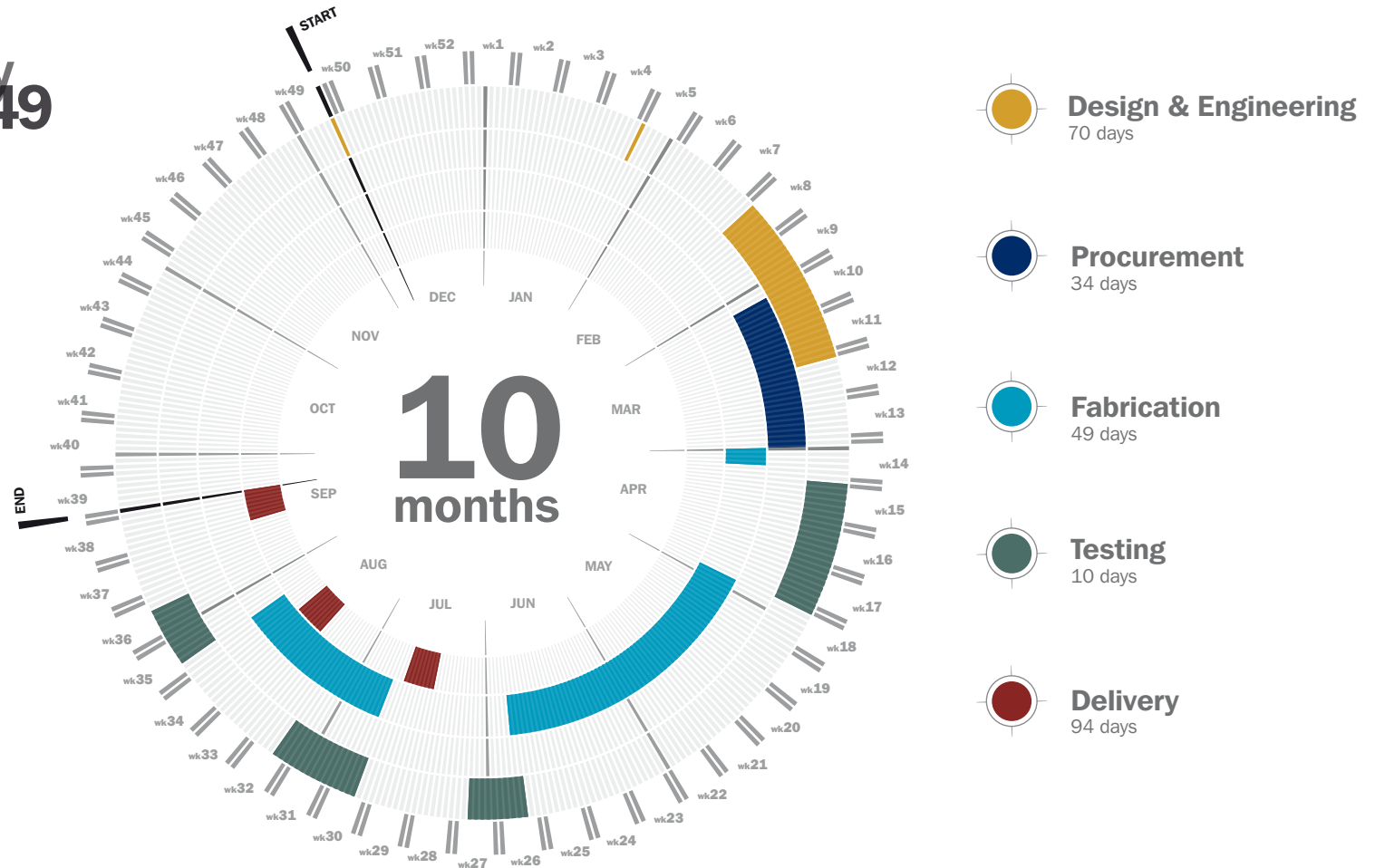
Everyday Ingenuity Starts on Week 49



Project timeline: Ichthys FPSO Bearings

TEP's FPSO/FLNG bearings are used to accommodate shear, axial and rotational movement. This provides vibration isolation and stability to a vessel's processing modules.

Project Ichthys, owned by INPEX, is the largest oil and gas development in the Northern Territory. To ensure its processing modules were kept functional and stable, DSME ordered 237 bearings from Trelleborg Engineered Products which we delivered to the Western Australian project.



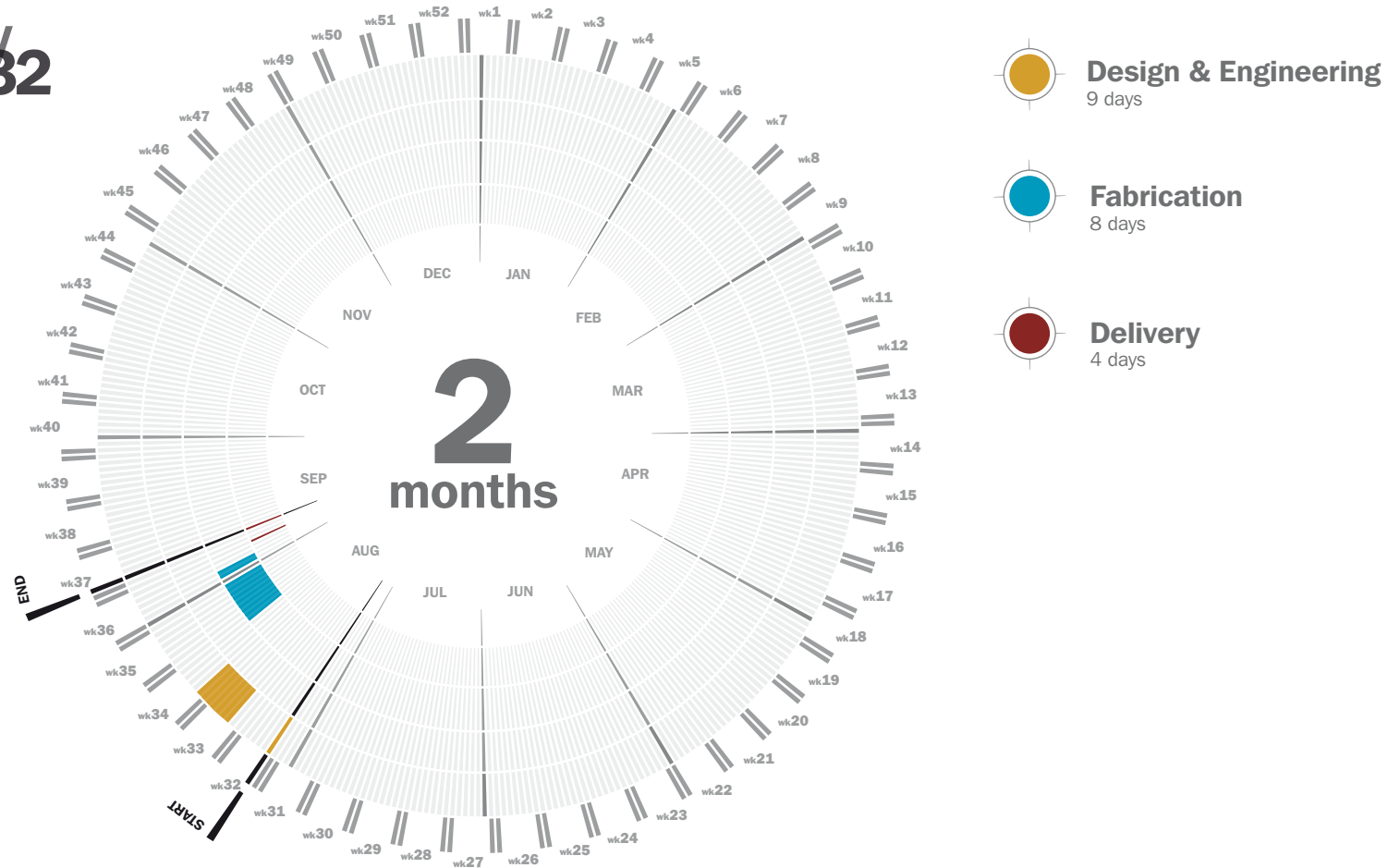
Everyday Ingenuity Starts on Week 32



Project timeline: PT Timas Mol Riser Coating

Our elastomer coating is the most effective method of preventing an oil platform's riser pipes from corrosion. They can also protect the pipes from damage caused by sharp and abrasive particles.

Trelleborg Engineered Products applied anti corrosion coating to three pipes with dimensions of 12 metres in length and 12.75 inches in diameter, delivering the final product to PT Timas for use in the Pertamina owned Project MOL in Indonesia.



Everyday Ingenuity Starts on Week 19



Project timeline: PT PAL Bunawati Boat Landing System

Boat Landing Systems incorporate our polymers' unique ability to dissipate an external load's normal and lateral impacts, allowing vessels to berth with an oil platform without causing any damage.

Comissioned by PT Pal to supply the Bunawati-K platform in Indonesia with Boat Landing Systems, Trelleborg Engineered Products designed and delivered two full sets of BLS; each set composed of a fender post, an alignment post and two Shockcells units equipped with Eccentric Bumper Rings.

