



Triton Knoll Offshore Wind Farm Project

.....

EV106: TKOWFL Owner knowledge transfer

CONFIDENTIAL

KNOWLEDGE TRANSFER BY OWNERS TO TRITON KNOLL

COMMITMENT : C1.3 & C1.9
LAST UPDATE : -9-AUG-2016
UPDATED BY : NICHOLAS HIND

OWNER EVIDENCE:

Background

All low carbon electricity projects capable of generating 300MW or more are required to submit a Supply Chain Plan in line with the regulations to enable them to take part in the CfD allocation.

As part of TK's Supply Chain Plan we have to tell DBEIS how we are maximise the opportunities for East coast and UK content, local jobs and skills development. Owner evidence is of course a major part of this work, which must be captured and presented to DBEIS.

This memorandum covers the following topics:

- Lessons Learnt
- Bottlenecks

C1.9: Encouraging a competitive supplier market

TKOWFL commits to drawing upon best-practice with representatives of other shareholder projects to inform TK.

Lessons Learnt

The scope of this is to develop work done by owners who have disseminated lessons learnt to TK project team members. RWE identified the need to encourage learning and best practice exchange between its multiple projects. A central "Lessons Learned" site has been created using SharePoint that all projects can access and update. 80 lessons learned are already registered. RWEI and GWFL will update this site with new lessons at key milestones on the Galloper and other RWEI projects. RWEI will update its formal processes to ensure the requirement to review this site at key project milestones is captured."

In principal Lessons learnt between projects and individuals are captured in various forms e.g. meetings, the SharePoint site referred above, documents being emailed. Evidence provided to back up this commitment includes the following:

1. SharePoint site (referred in the Galloper plan): Screen shots of the site content.

Doc Ref No: <Obtained from TK Document Control>

2. Other lessons learnt processes and documents that Galloper have done.
3. Meetings that Galloper team have had with the TK team. For example one has taken place between Galloper and TK team members on the foundations and another is planned in Paddington on the cable packages. [see EV105]
4. Lessons learnt and knowledge that have been gained and transferred to the TK project by utilisation of people that have worked on previous offshore wind projects. This is also knowledge transfer. These are shown in the following attachment. [see EV132]
5. Monthly procurement lead meetings to discuss lessons learnt and transfer knowledge relating to all RWE's offshore wind projects. The attachment provides evidence of these meetings c/w some typical subjects that are discussed.

I'm sure that there are a few other examples which would good to include in the plan, in my little time spent in the TK office over the last 3 weeks I have heard conversations that are actually lessons learned examples.

I will aim to get the Galloper competition bottlenecks stuff drafted tomorrow.

Bottlenecks

C1.3: Supply Chain Bottlenecks

TKOWFL commits to undertaking a programme of work to identify & mitigate supply chain bottlenecks

Bottlenecks are areas of risk to the supply chain which may add to supply chain risks, longer lead time and poorer negotiating position.

A bottleneck is one process in a chain of processes, that because of its limited capacity reduces the capacity of the whole chain. The result of having a bottleneck are stalls in production, supply overstock, pressure from customers and low employee morale.

The scope of this is to develop work done by owners who identified bottleneck issues in the following areas:

- Foundations Discussions with OSB – details of presentations / workshop in 2015
- Details of meetings with UKTI / Bi Fab / Smulders w.r.t Jackets & Longevity
- Discussions w/ Siemens ref: Hull on expanding Blades Manufacturing Facility
- Rhyl Flats – expanding Electrical Supply Chain

HSE Work

Work provided by Darren Tape shows

- HS
- TK's owners – RWE & Statkraft have done lots of work in the past

>> Have received from Darren Tape

Skills

TK's owners – RWE & Statkraft have done lots of work in the past

Telecon w/ Gavin C: Fri 5-Aug-16

Events

TK's owners – RWE & Statkraft have done lots of work in the past

Kerry Berry e/mail Tues 26/Jul