Future Growth Project Overview

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Current status

- Project’s safety focus continues:
  - Over 8.7 MM man-hours worked since last recordable incident (3 + years)

- FEED completed

- Detailed engineering 9.9% complete

- Completed update of KC Plan following 4 engagements with KC Expert Group and Kazakhstani Suppliers Forum

- Contracts & Purchase Orders award is underway

- We have offices in Atyrau, Almaty, Aktau, Farnborough (UK), Houston (USA) and New Delhi (India)

- Workforce mobilization to Tengiz.
A Report From the Field
Project Update: Infrastructure

1. **TCOV**
   - Contract awarded
   - Renovations underway

2. **Construction Compound**
   - Site prep contract awarded
   - Civil works started

3. **Facilities and Track Modifications**
   - Facilities building engineering in progress
   - Track 21/22 modifications complete

4. **3GP**
   - Site prep contract awarded
   - Civil works started in August

5. **3GI**
   - Site prep contract awarded
   - Civil works started in August

6. **New Camp**
   - EPC contract awarded
   - Engineering kicked off
   - Site work started 3Q2014

7. **CaTro**
   - Contract awarded
   - Subcontracts in progress
   - Public hearing complete
   - Dredging works commenced
3GP Superimposed over Atyrau
3GI Superimposed over Atyrau
FGP modularization overview

**FGP to use a modular strategy**

- Moves work to a more controlled environment
- Provides access to a broader workforce
- Reduced infrastructure needs in Tengiz

**Project requires ~ 253,000 tonnes of module fabrication**

- About 88 modules and 75 pipe racks
- Weighing from 300 to 1800 tonnes
- Modules fabricated in and outside Kazakhstan
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■ The KC key elements
  ● Expenditures associated with goods, works and services
  ● Creation of jobs for Kazakhstani personnel
  ● Training and development
  ● Legacy – opportunities to establish sustainable legacy in Kazakhstan

■ The KC categories
  ● Construction
  ● Materials and equipment
  ● Engineering and management
  ● Fabrication
  ● Logistics
  ● Drilling
  ● Commissioning and operations
Summary Overview

FGP is the next major phase in Tengiz Field development.

Its benefits include:

- Over 20,000 jobs will be created and highly skilled resources will be left behind as a heritage;
- Joint ventures will be established with world-class companies challenged to improve the production potential, performance and technology transfer;
- A Professional Training Program will be developed to train personnel in various disciplines;

Project will be implemented based on the modular design strategy:

- Modules will be fabricated at international and Kazakhstan fabrication yards;
- The finished modules will be transported from overseas locations via RIWS (Russian Inland Waterway System).