

## Ross and Blake Life Extension | 2011

### Talisman Energy

Customer: David Hutchison, Developments Manager

**Project phase:** Appraise

**Dundas scope:** Opportunity Framing  
Petroleum Economics  
Schedule and Production Modelling  
Development Engineering Support

**Testimonial:** *Awaiting approval of external affairs.*

#### PROJECT DESCRIPTION

The Bleo Holm FPSO processes fluids from the Blake and Ross fields and is operated by Talisman Energy on behalf of field owners BG, Idemitsu and Talisman. Bleo Holm commenced operations in 1999. A project was initiated in response to deteriorating production uptime, a large inspection & maintenance backlog, and an extending economic field life driven by strong reservoir performance and a high oil price. The aim of the Appraise phase was to identify options and to assess their potential performance against the key business metrics of safety, production, reserves and NPV in the medium to long term, with a small subset of options to be carried into the Select phase



#### DUNDAS ROLE

As a major brownfield project, assessing the performance of the options was complex. Dundas proposed a consistent and transparent methodology to the evaluations and presented this in a position paper for agreement by key stakeholders. Dundas then prepared a sophisticated model to forecast life of facility costs, production and schedule for a wide range of options including replacement FPSO, offshore remediation (walk to work, flotel, additional living quarters) and offstation shipyard campaigns.