



**Cad-Capture has provided an excellent service of the highest quality, especially in recent months, during which a large volume of documents have been processed to an extremely tight schedule.**



## Customer Focus



## PROJECT: BONNY ISLAND



Bonny Island

Customer: BPMCo

Project: The scanning of two million documents over an 8 year period.

Type of Documents:

- Multi-page bound volumes
- Large format drawings
- Small format



Nigeria Plus expansion

Over the last 8 years, Cad-Capture has processed in excess of two million pages of documents for Bonny Project Management Company (BPMCo) on behalf of the TSKJ consortium of companies. TSKJ is responsible for project specification, detailed engineering, procurement and construction of six Liquefied Natural Gas (LNG) units at Bonny Island, Nigeria - owned and operated by Nigeria LNG, a joint venture of the Nigerian National Petroleum Corporation (49%), Shell Gas Nigeria BV (25.6%), ELF Aquitaine (15%) and AGIP (10.4%).

With the first two LNG units completed in 1999, the TSKJ consortium was subsequently awarded the contract to install a third train and associated facilities, bringing the total output at Bonny Island from 5.9 MTPA (Million Tonnes Per Annum) to 8.8 MTPA. Operational in 2003, expansion to a fourth and fifth train soon followed to further increase output to 16.8 MTPA, with a sixth train currently on the way.

During this time, Cad-Capture has processed a variety of vendor supplied documents associated with LNG units at Bonny Island, ranging from multi-page



Bonny LNG Plant



Bonny Island residential facilities

bound volumes to a variety of large format drawings. Despite sometimes processing in excess of 20,000 pages per week at peak periods, it is essential that the quality of supplied information remains of paramount importance. A specialist and rigorous operation, the entire process, including document registration, scanning, quality control and export phases, are managed by CaptureFlow, Cad-Capture's specialist document workflow and management system. Specially developed for the controlled capture of large volumes of documents, CaptureFlow allows maximum use to be made of batch processing for increased throughput and reduced costs, whilst enabling a systematic and rigorous approach to be taken with regards to data entry, validation and quality control, thereby minimising human error and increasing process efficiency. Closely integrated with Cad-Capture's BS EN ISO 9001:2000 approved Quality Management System, quality control procedures are rigorously maintained and regularly audited.

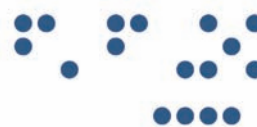
Cad-Capture's affiliation with leading players in the oil and gas market

If you would like to know more about what we could do for you, phone:

**01254 504444**

or visit our website at:

**[www.cadcap.co.uk](http://www.cadcap.co.uk)**



**CAD-CAPTURE**

# Bonny Island



extends back over 10 years with a multitude of projects completed for BP, British Gas, ConocoPhillips, Nigeria LNG and Shell, to name a few, including conversion of PEFS (Process and Engineering Flow Schematics) and P&IDs (Process and Instrumentation Diagrams) to intelligent CAD format. This means that Cad-Capture's highly trained team of multi-disciplined operators appreciate exactly what each document depicts and are therefore, able to ensure that the images supplied are of the best quality and legibility.

Gerry Dixon, Project Information Manager at BPMCo said, "Cad-



Bonny LNG storage tank

Capture has provided an excellent service of the highest quality, especially in recent months, during which a large volume of documents have been processed to an extremely tight schedule".



Liquefaction Train

BPMCo is located and supported at M.W. Kellogg Ltd offices in Greenford UK. The TSKJ consortium is an equal partnership of four major Engineering Procurement and Construction (EPC) contractors Technip (Paris), Snamprogetti (Milan), Kellogg Brown & Root (Houston) and Japanese Gas Corporation (Yokohama). M.W. Kellogg is jointly owned by JGC and Kellogg Brown & Root which is part of the Halliburton Corporation.

With Cad-Capture having recently been awarded the contract to process an estimated 400,000 pages for train 6, Simon Watts, Managing Director of Cad-Capture was "delighted to continue our long-term partnership with BPMCo and are looking forward to collaborating on future projects".

If you would like to know more about what we could do for you, phone:

**01254 504444**

or visit our website at:

**[www.cadcap.co.uk](http://www.cadcap.co.uk)**



**CAD-CAPTURE**