

EG LNG Pipeline Suspension Bridge

Equatorial Guinea, West Africa

Bridge building over land and sea

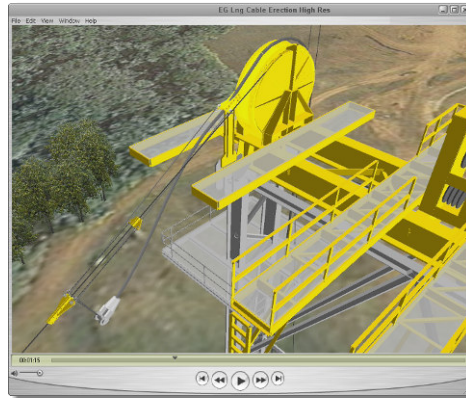
client ... *Bechtel Int.*
 contract ... *\$10,000,000*
 duration ... *10 months*
 specialized
 equipment ... *KWH purpose*
 ... *built 40T Hiline*

LNG (Liquefied Natural Gas) developments are booming in West Africa. Bechtel International was contracted to build a \$1.4bil. US plant to produce 4.1mil. tons of LNG per year

KWH was sub-contracted to erect the 350m pipeline bridge over an unstable slope to a loading jetty. A full Canadian crew of skilled ironworkers was employed at this remote site

KWH began by designing & building all the specialized erection equipment like the 'Hiline,' a special purpose 40T capacity cableway. Each erection step was carefully analyzed and planned before any equipment left for Africa

The entire job saw zero LTA or recordable injuries— a total of 48,777 on-site hours



animated erection procedures for training



8ft dia. roller assembly for installing the main cables



suspender cables and deck sections erected by 40T 'Hiline'



first LNG shipment June 2007, six months ahead of schedule. this tanker loaded 140 mil. cu. m in 14 hours