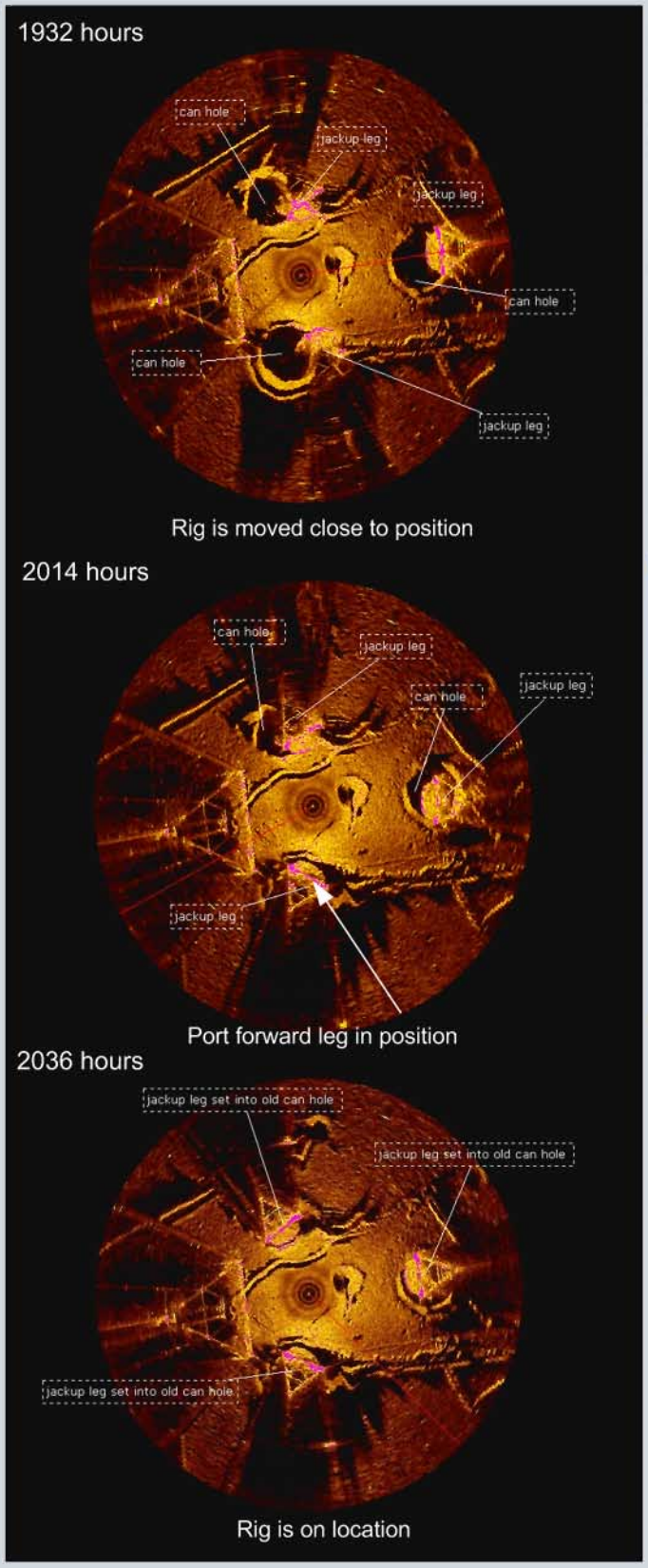
KONGSBERG

Repositioning an Offshore Workover Rig



When an offshore workover rig is required to complete oil well intervention at an fixed platform, extreme care is taken to position the workover rig legs into any existing can holes on the ocean floor. Failure to do so can lead to catastrophic failure if a leg slips during the jack-up process causing the rig to tip over..

One of the most successful applications of the MS 1000 in the Gulf of Mexico is to reposition workover rigs. The sonar is tripod deployed as the rig moves onto location and the operator advises the vessel's Master when the rig legs are positioned correctly over the existing can holes.

In the example shown, the rig was moved close in the top image; it took 64 minutes to get it into its final jackup position.

Photo credit ***Jingzhou China-Petro***

Workover rig on location completing well intervention in China

Sonar equipment configuration to reposition a workover rig:

- Computer with MS 1000 PC-based Sonar Software
- "Splashproof" MS 1000 Interface Unit (operates with either a 120/240 VAC or 9-30 VDC supply voltage)
- Kevlar operations cable (75m-100m [250'-330'] recommended)
- 675 kHz High Resolution Scanning Sonar Head with a fan transducer (or Multi Frequency High Resolution Sonar Head) with compass option
- Tripod

Records courtesy **Royal Services and Rentals, Inc.**