

BOEMRE

Bureau of Ocean Energy Management,
Regulation and Enforcement

UNITED STATES DEPARTMENT OF THE INTERIOR

DEEPWATER HORIZON BOEMRE's ROLE

Lars Herbst

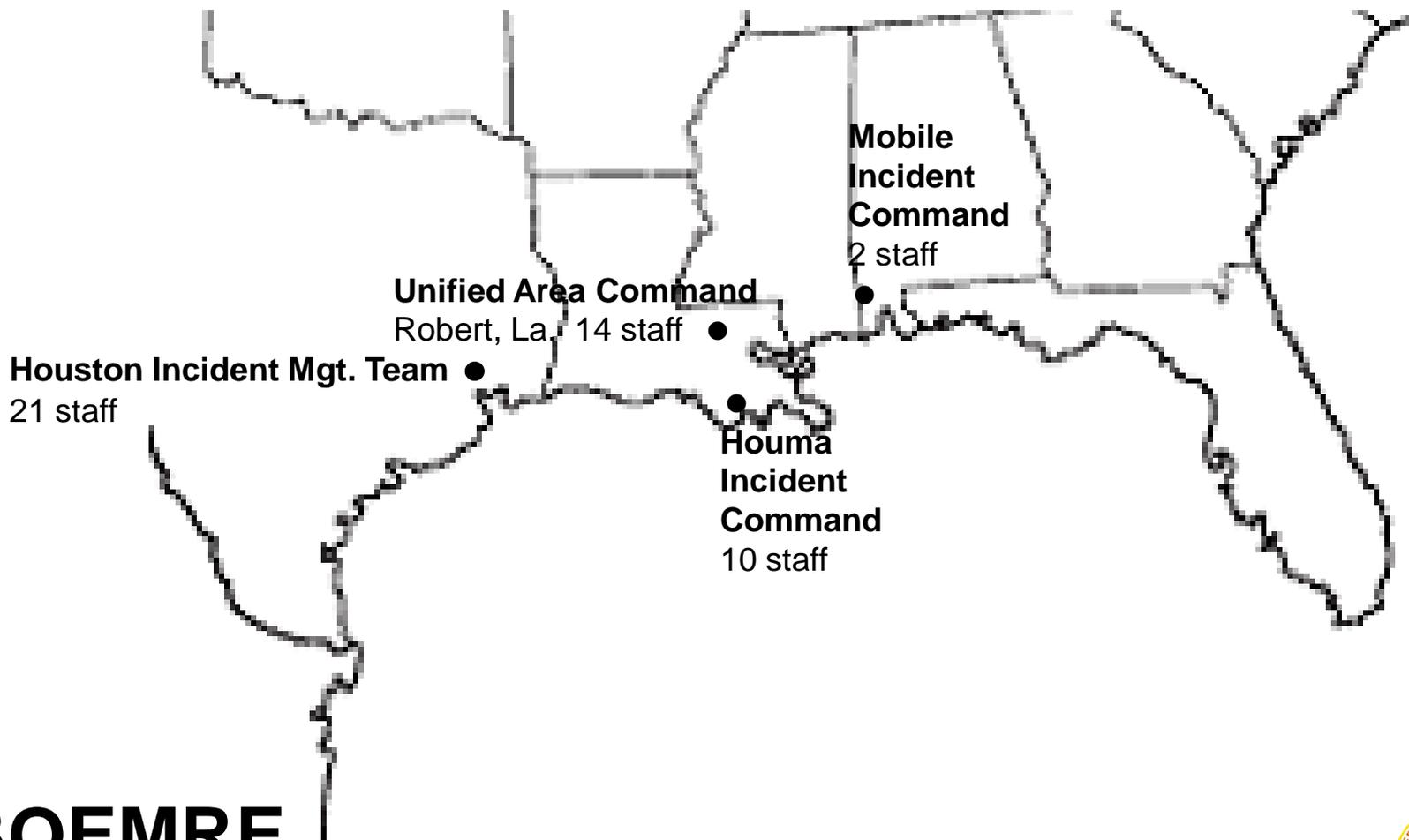
BOEMRE Gulf of Mexico Regional Director







UAC AND ICP LOCATIONS AND PERSONNEL



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SOURCE CONTROL TIMELINE

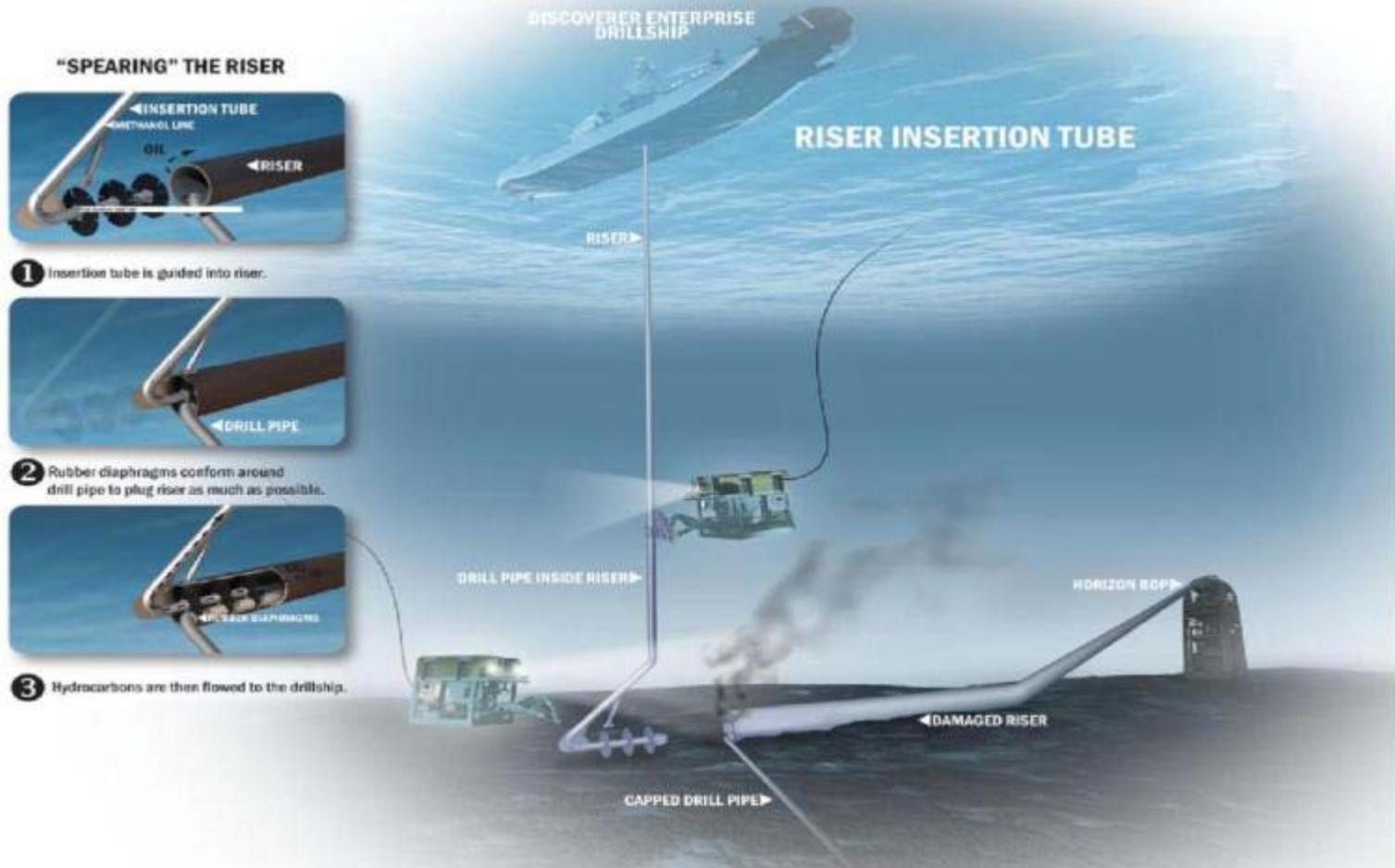
April 20, 2010	Macondo Well blowout
April 21	Initial attempts to secure the well with ROV intervention on BOP control system
April 22	TO <i>Deepwater Horizon</i> rig sinks
April 23	Hydrocarbon flow reported from two locations
April 27	Two relief well permits are approved
May 5	Capping valve placed at end of drill pipe
May 6	Coffer Dam attempted
May 15	Riser Insertion Tube installed
May 26	Top Kill attempted
June 4	Top Hat installed with production to vessels
July 13	Containment cap installed to stop flow
August 3	Static kill attempt successful
Sept 19	Cement permanently seals well



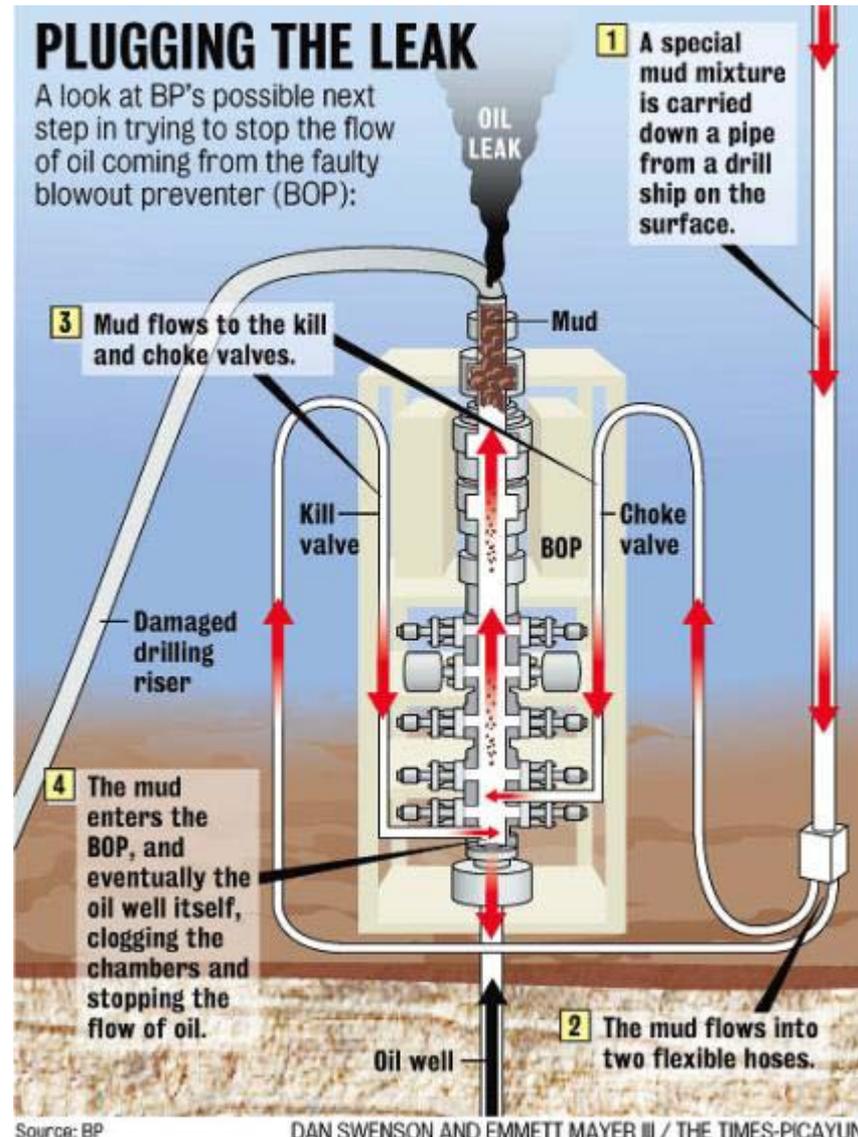
CONTAINMENT DOME (COFFERDAM)



RISER INSERTION TUBE TOOL INSTALLED



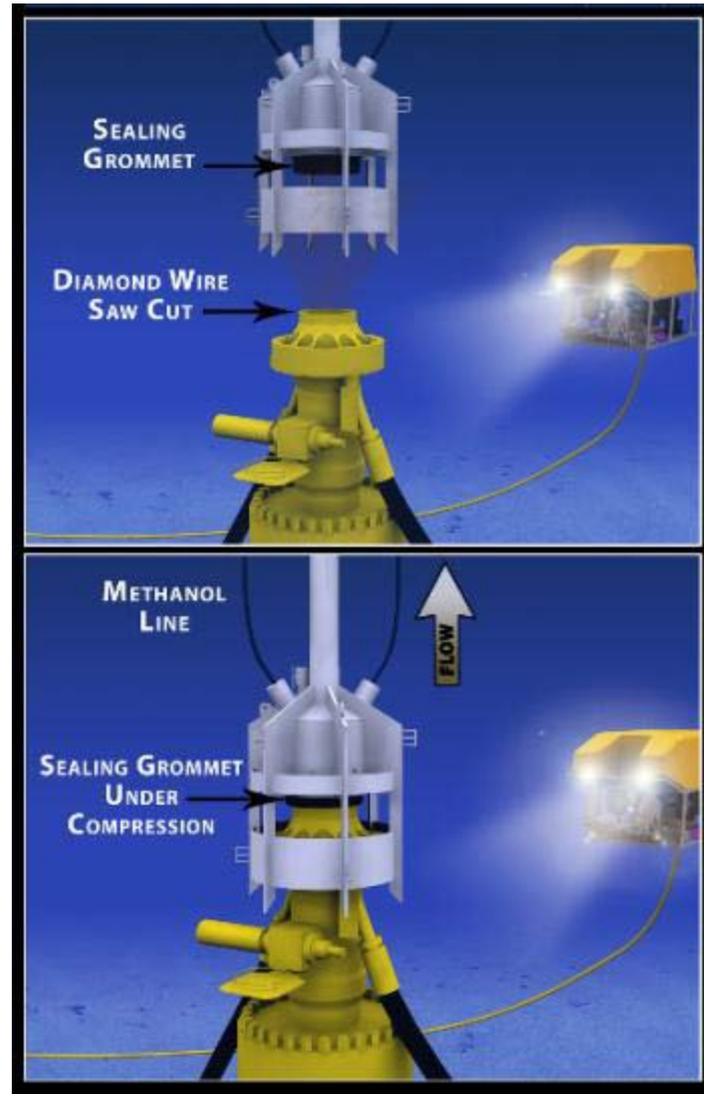
TOP KILL ATTEMPTED



Source: BP

DAN SWENSON AND EMMETT MAYER III / THE TIMES-PICAYUNE

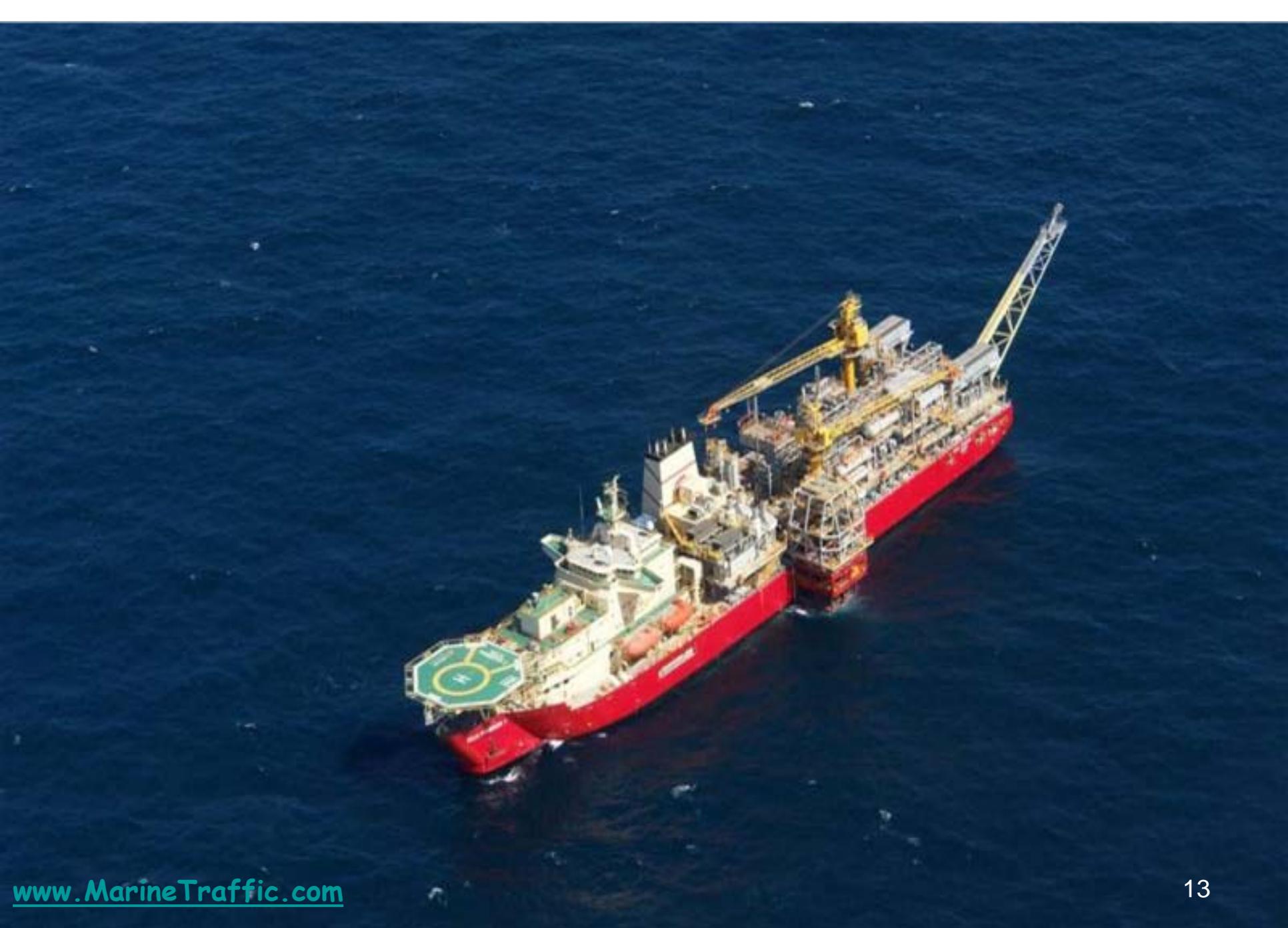
TOP HAT INSTALLED; PRODUCTION FLOWS TO VESSELS ON SURFACE



HELIX Q 4000



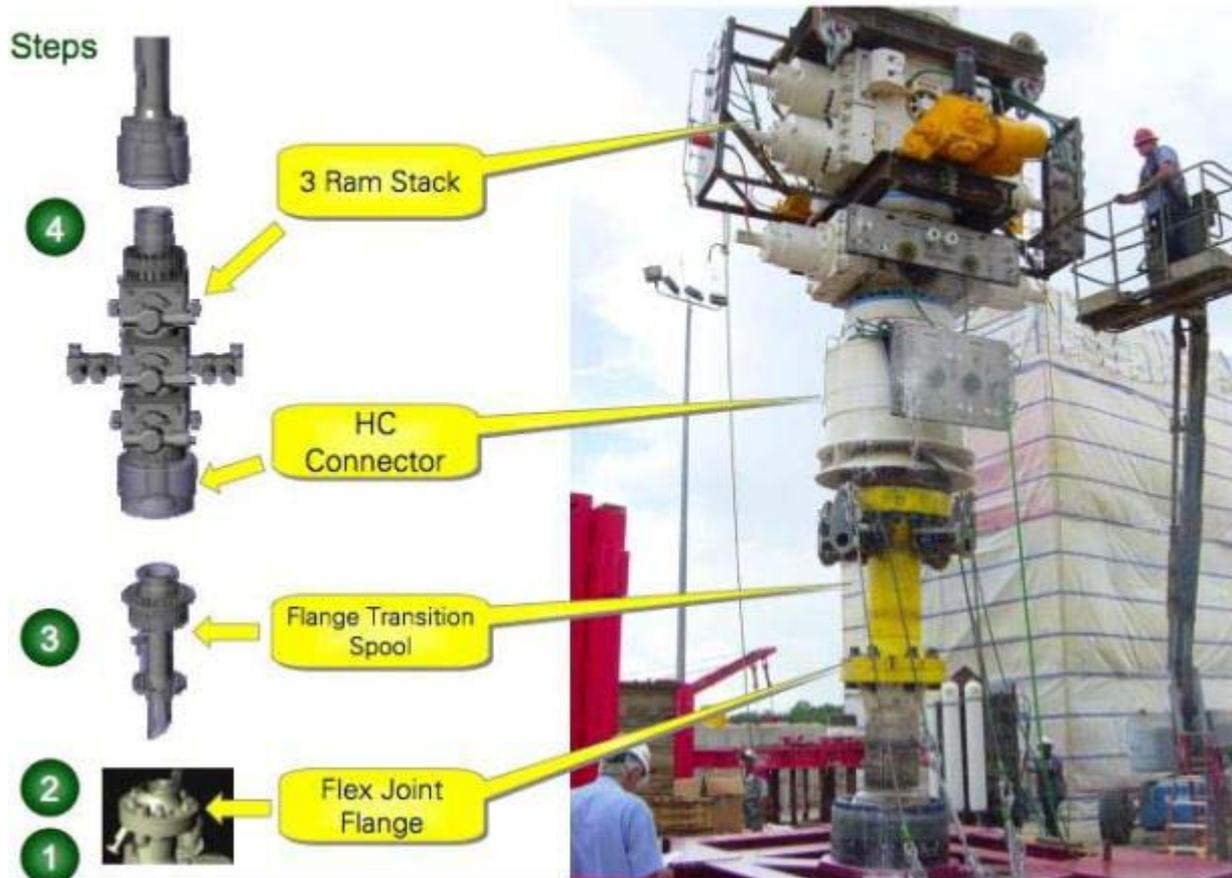




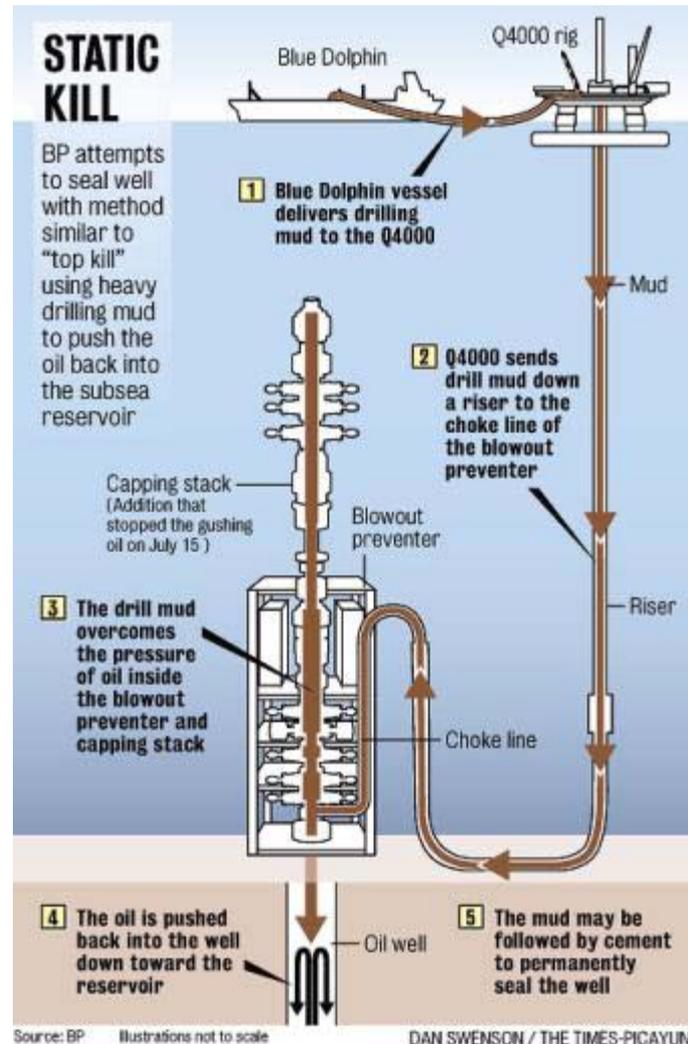


CAPPING STACK INSTALLED TO STOP FLOW

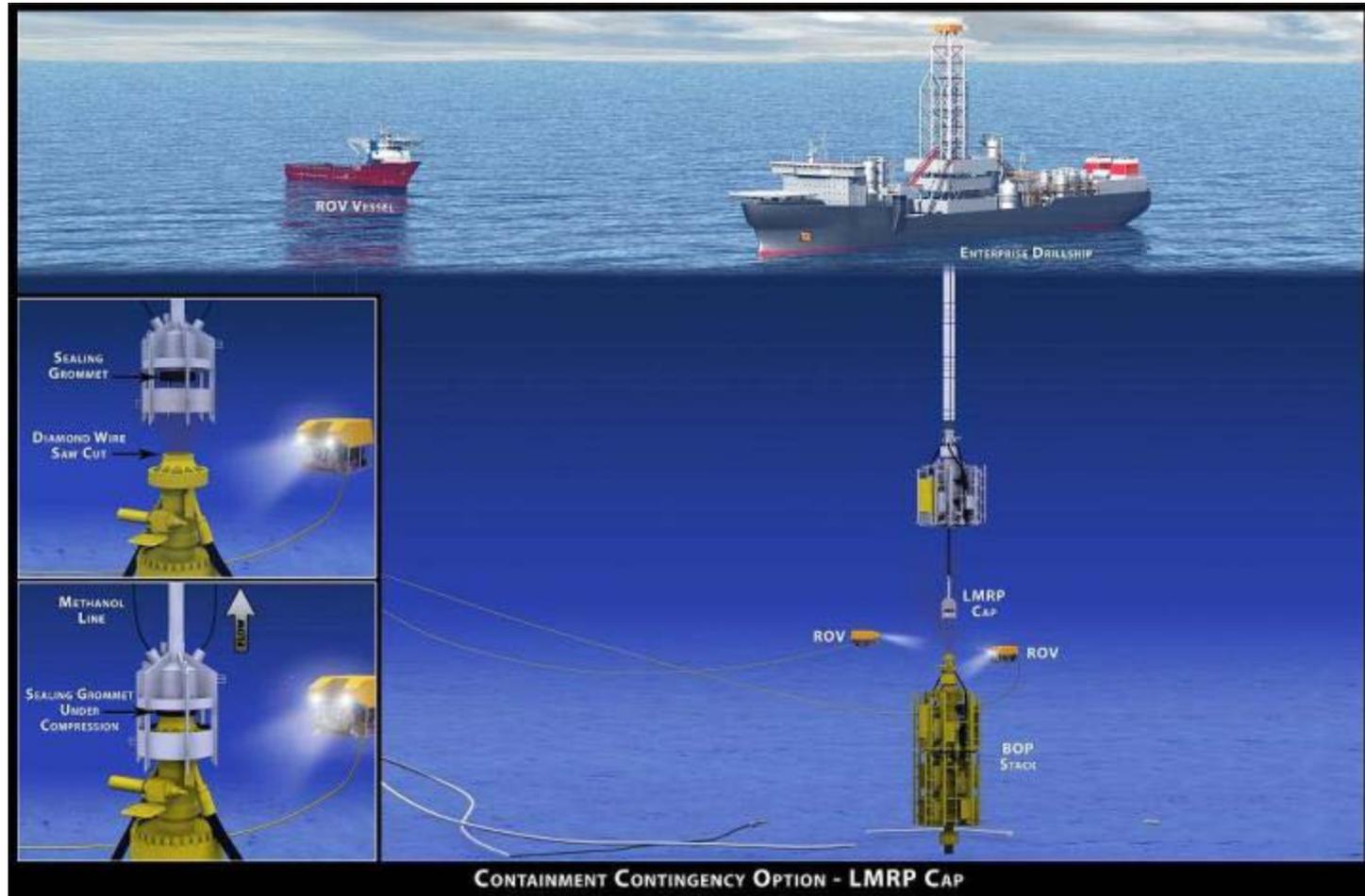
Sealing Cap Installation Steps



STATIC KILL ATTEMPT SUCCESSFUL



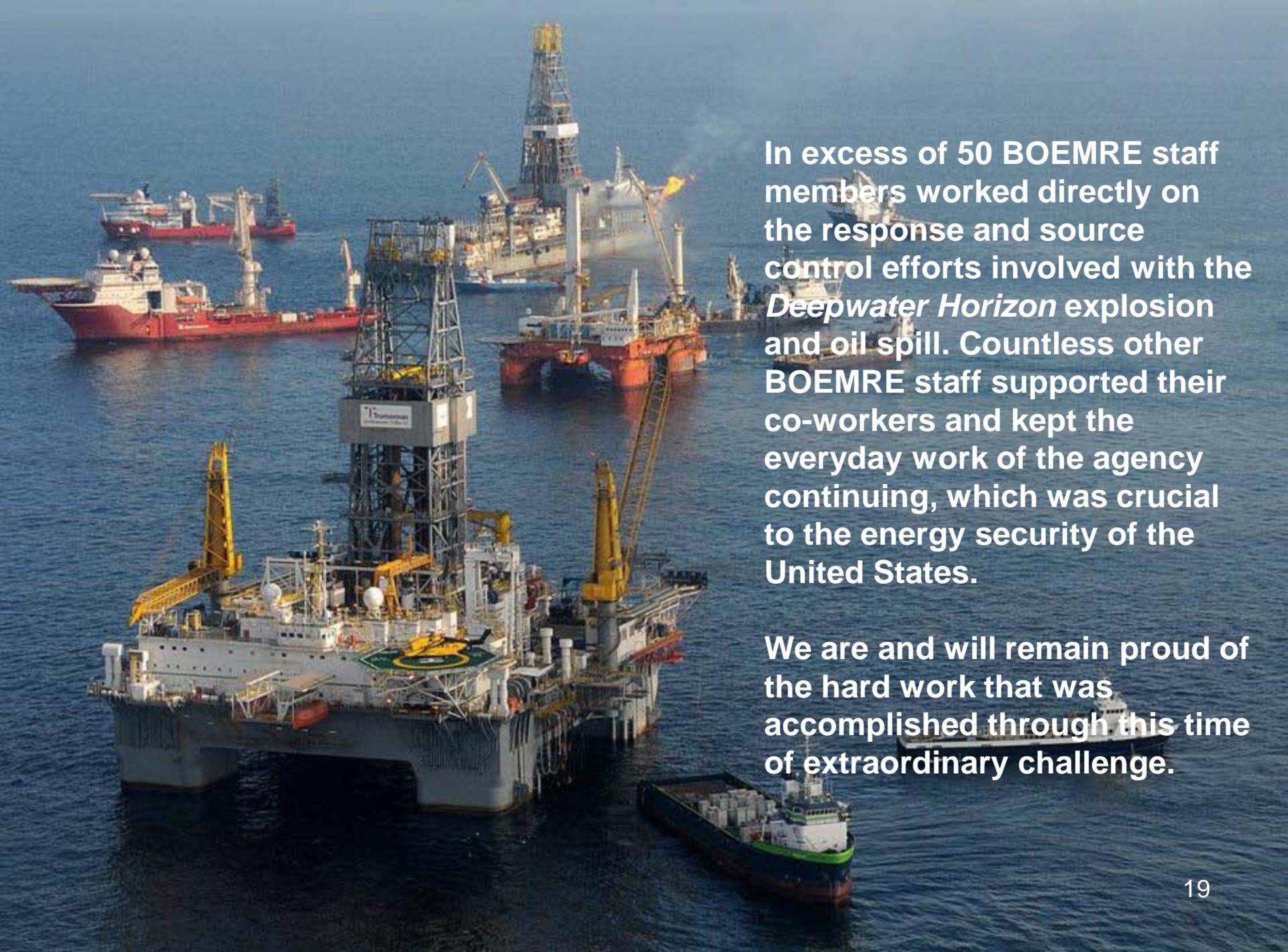
KEY LEARNINGS – SOURCE CONTROL CONTAINMENT



KEY LEARNINGS –

BOP SYSTEM MAINTENANCE AND TESTING





In excess of 50 BOEMRE staff members worked directly on the response and source control efforts involved with the *Deepwater Horizon* explosion and oil spill. Countless other BOEMRE staff supported their co-workers and kept the everyday work of the agency continuing, which was crucial to the energy security of the United States.

We are and will remain proud of the hard work that was accomplished through this time of extraordinary challenge.