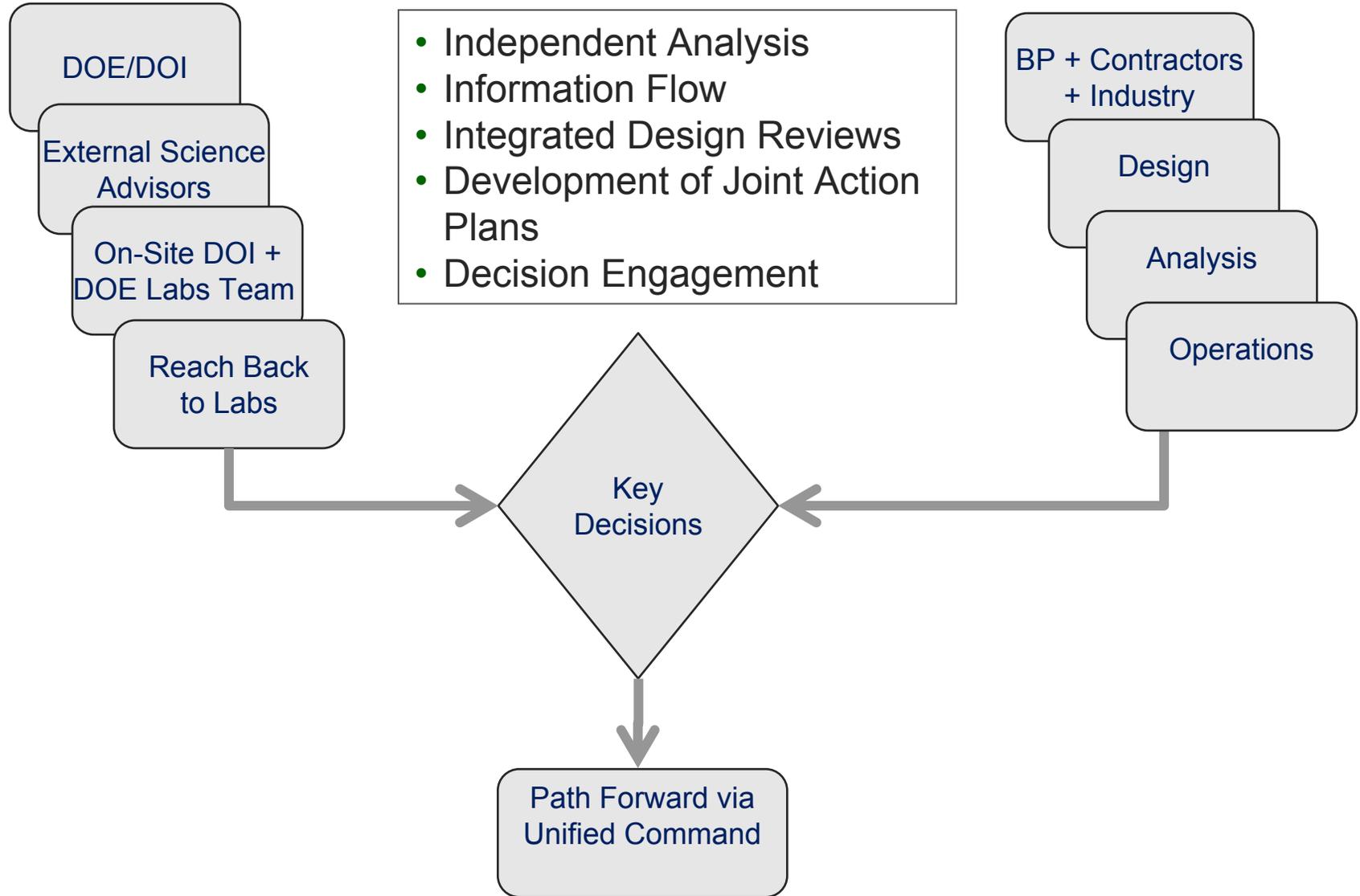




Deepwater Horizon Source Control

June 30, 2010

Federal & BP Working Relationship



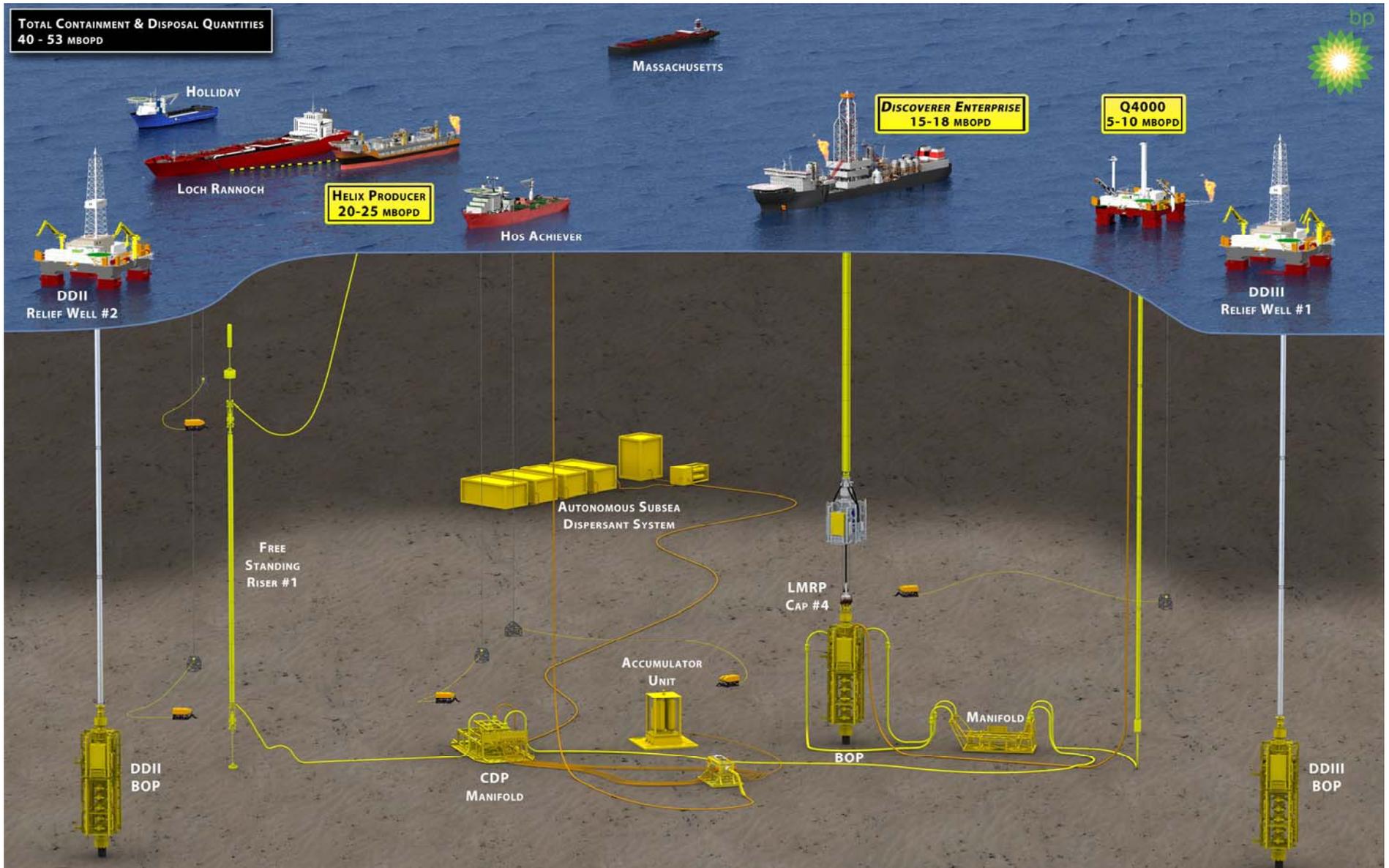
Strategy and Forward Plan

- Run a Safe Operation
- Long Term – Relief Wells
- Short Term – Containment
 - Option to Shut-in Well; Test Integrity
- Leverage Industry and Government Expertise
- Multiple Parallel Options
- No Stone Unturned to Minimize Pollution



Containment: Early July

Capacity 40 – 53 mbd

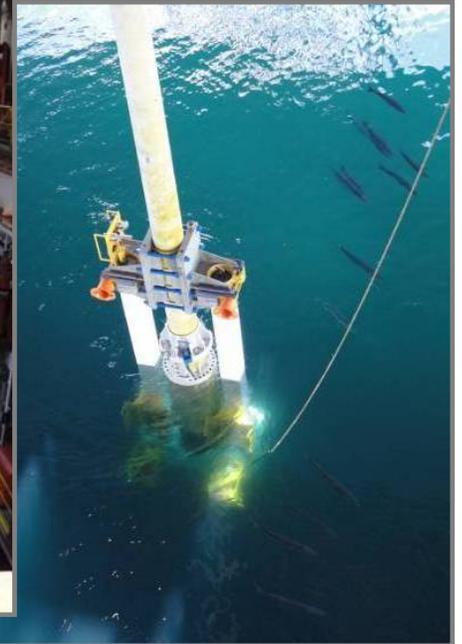


Containment: Offshore Operations

Helix Producer



Air Can in Moonpool



Subsea Manifold



New Manifold
49' x 25' x 11'
45 Tons



Suction Piles
14' Diameter
90' Long

Containment: Simultaneous Operations

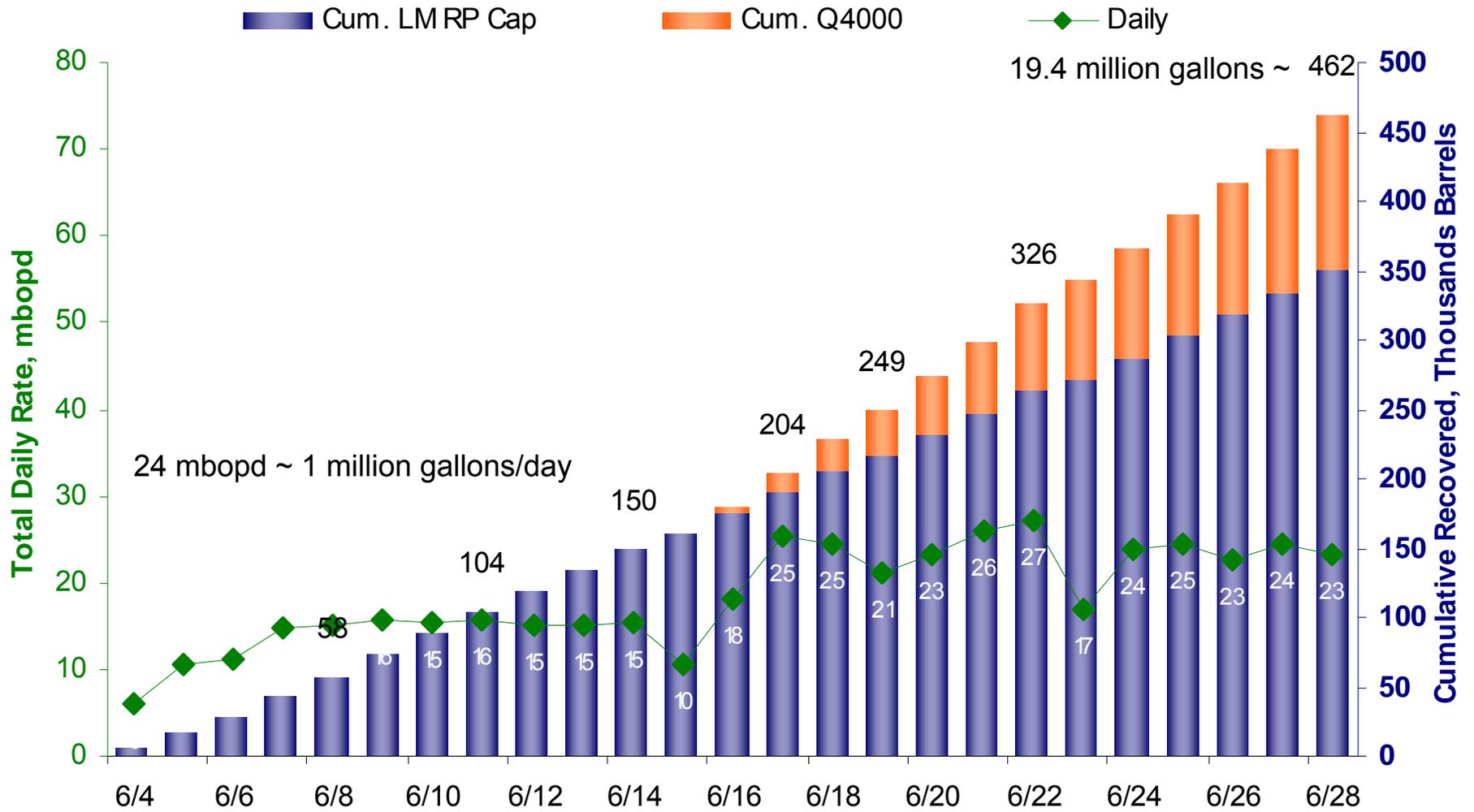


40+ Vessels

1500+ People

Total Oil Recovered: LMRP Cap + Q4000

(Approximate volumes)

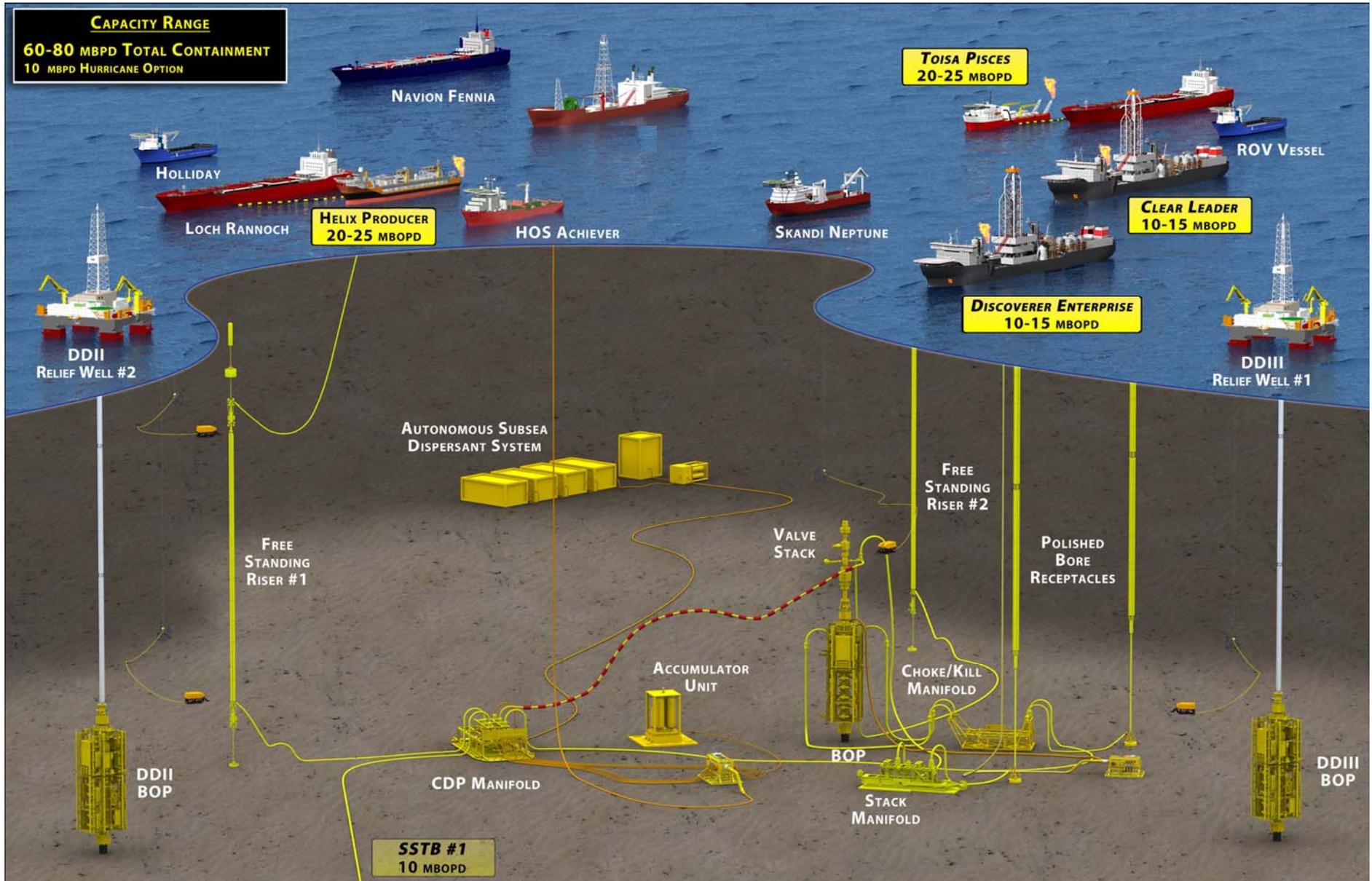


↑
Start up of Q4000

Does not include 22,000 barrels recovered from RIT tool in May

Containment: Mid July Onwards

Capacity 60– 80 mbd



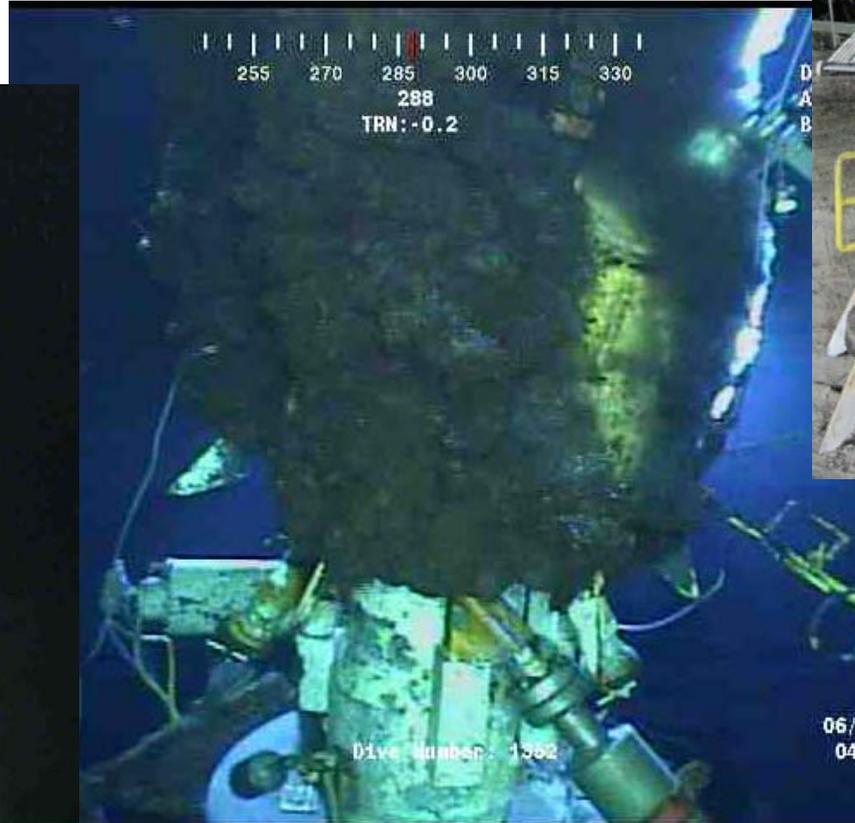
Advantages of Further Enhancements

- Reduce Hurricane Impact
 - Demobe/Mobe 4 days vs. 10 days
- Increase System Capacity & Redundancy
- Opportunity to Shut-in Well
- Aid Well Kill & Cementing



LMRP Cap

- Collecting from Enterprise
- Sits over the LMRP Flange
- Must be replaced to move to Long Term Containment



06/1
04

Execution Process

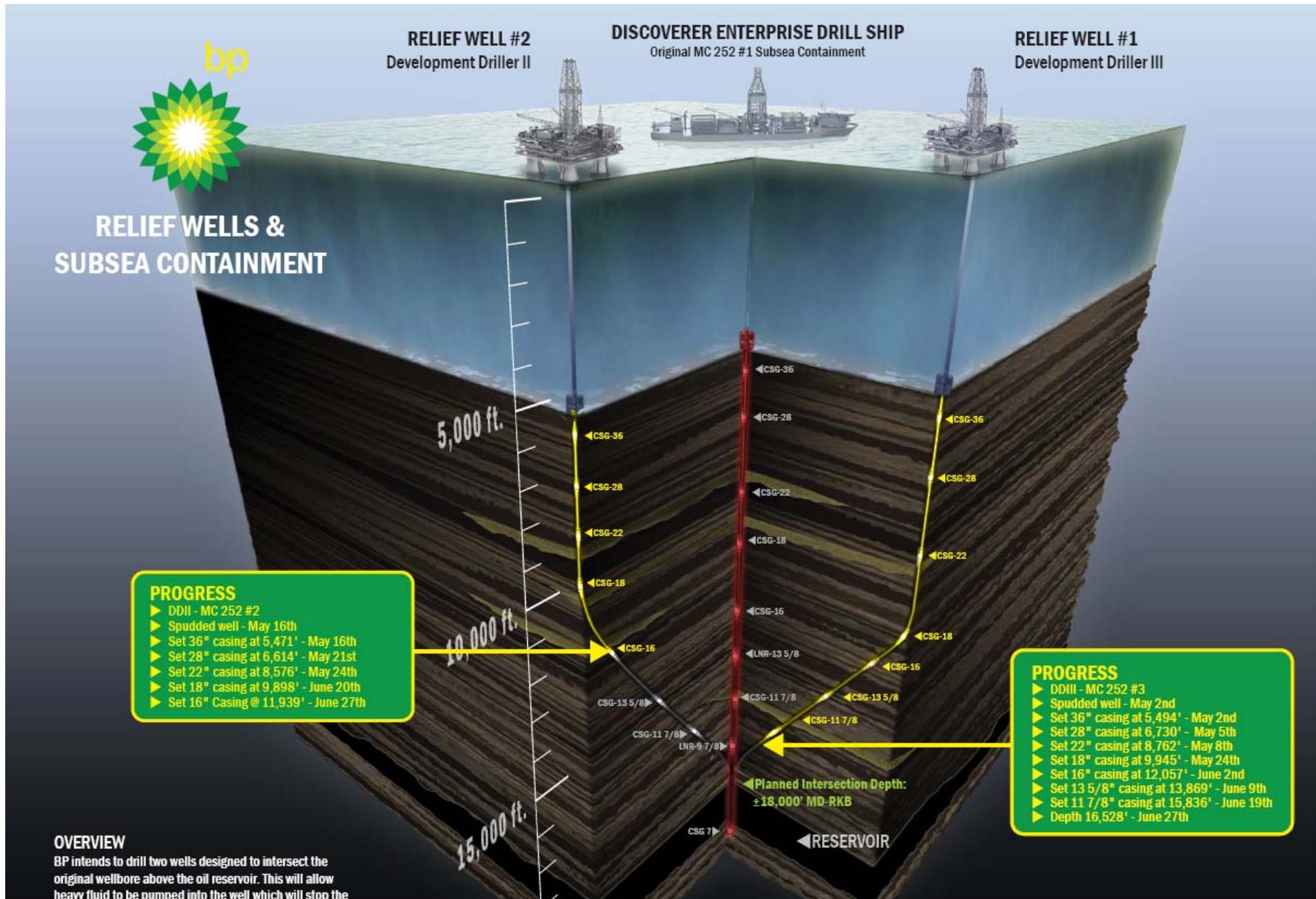
- Helix Producer full rate and stable
- Q4000 full rate and stable
- Remove LMRP Cap containment
- Install sealing cap assembly
- Well integrity test
- If shut- in unsuccessful
 - Implement Mid July Containment
- Kill well via relief well

Sealing Cap

- Sealing Connection
- Necessary for Long Term Containment
- Replaces LMRP Cap
- Shut-in Option



Relief Wells



Drill Alongside Macondo Well - Prepare for Entry

