

Deepwater Horizon Challenges in Managing a Major Incident



United States Coast Guard
U.S. Department of Homeland Security

Deepwater Horizon Oil Spill Response by the numbers...



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- More than 47,000 people
 - 3,300 Coast Guard
 - 1,625 National Guard
 - 41,470 Contractors
 - 723 BP
 - 4,000 Volunteers



- 12.6 million feet of boom
- 835 skimmers
- 6,131 vessels



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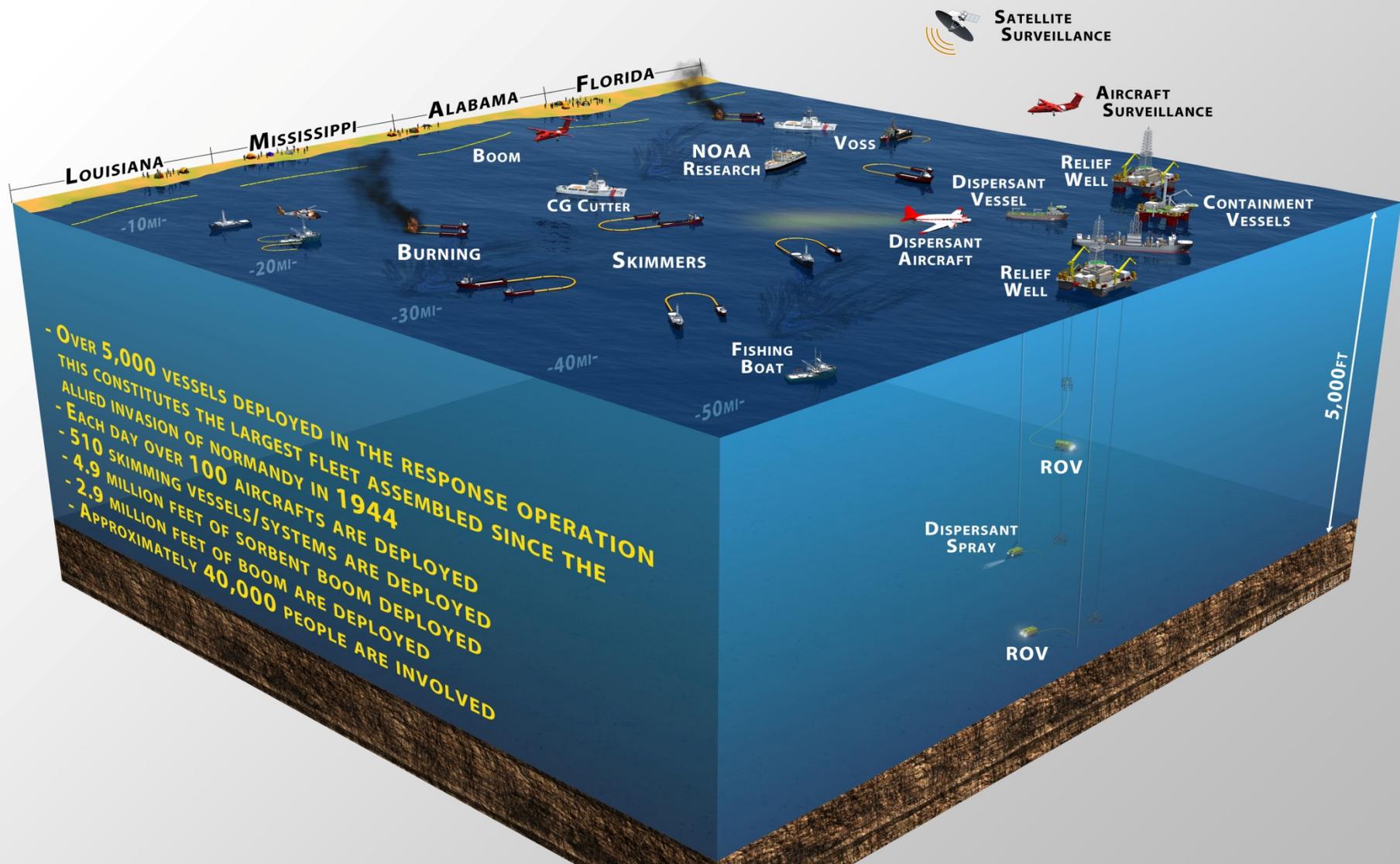
- 123 aircraft
 - 78 rotary wing and 45 fixed wing
- Air Operations Branch at Tyndall Air Force Base



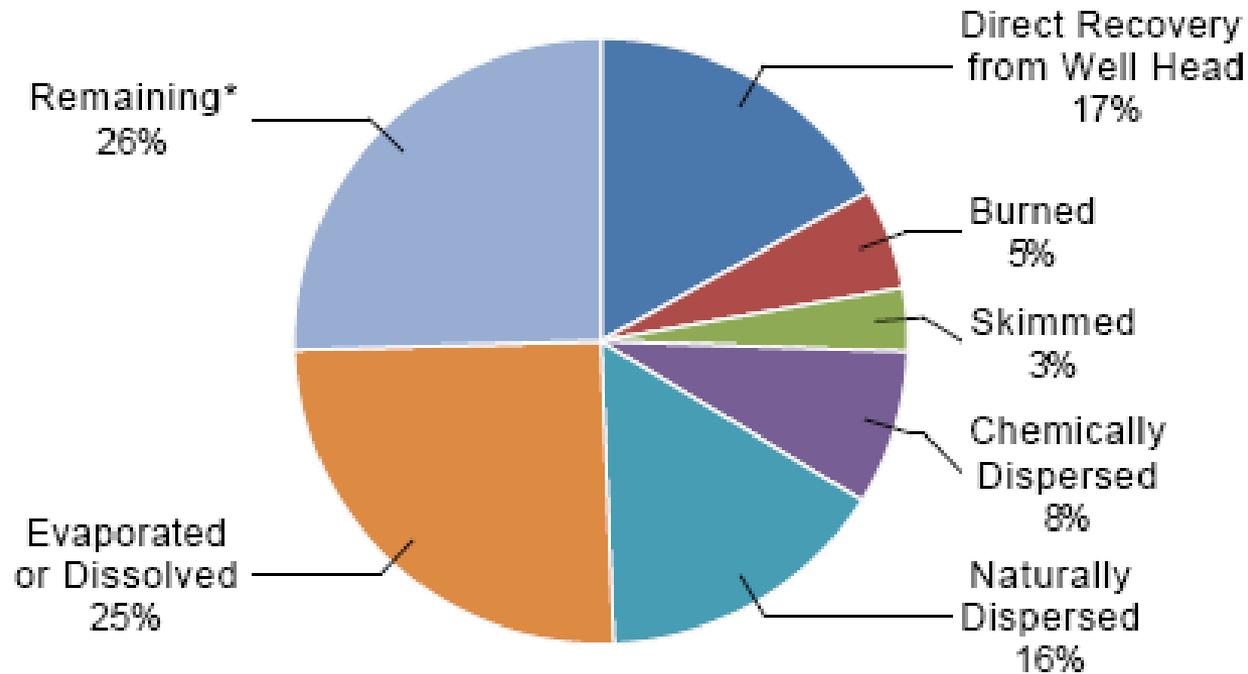
- Incident Command Posts in four states
- 17 subordinate branches
- 18 staging areas for equipment



Concept of Operations



Information Asymetry



* Remaining oil is either at the surface as light sheen or weathered tar balls, has been biodegraded, or has already come ashore.

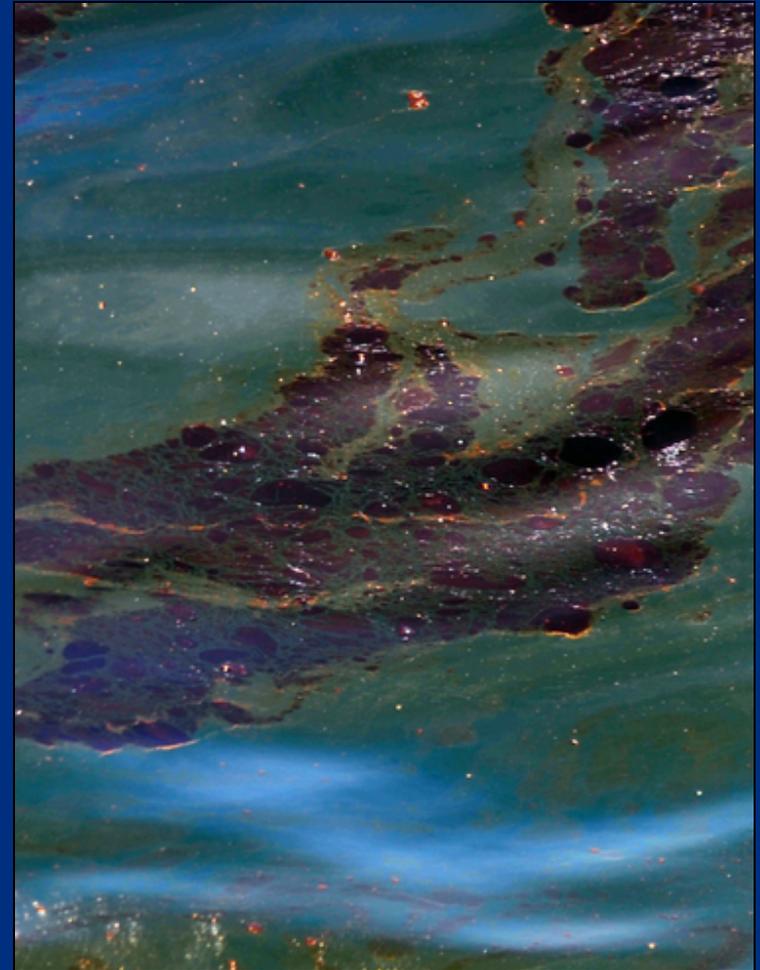
Fate of Oil

- 4.4 – 5.4 million barrels oil discharged (estimated)



Fate of Oil

- 800,000+ barrels oily water recovered



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Fate of Oil

- More than 400 in-situ burns conducted
- 265,000+ barrels oil removed by in-situ burns



Fate of Oil

- 770,000+ gallons subsea dispersants applied
- 1.07 million gallons of dispersants applied



Governments providing assistance include:

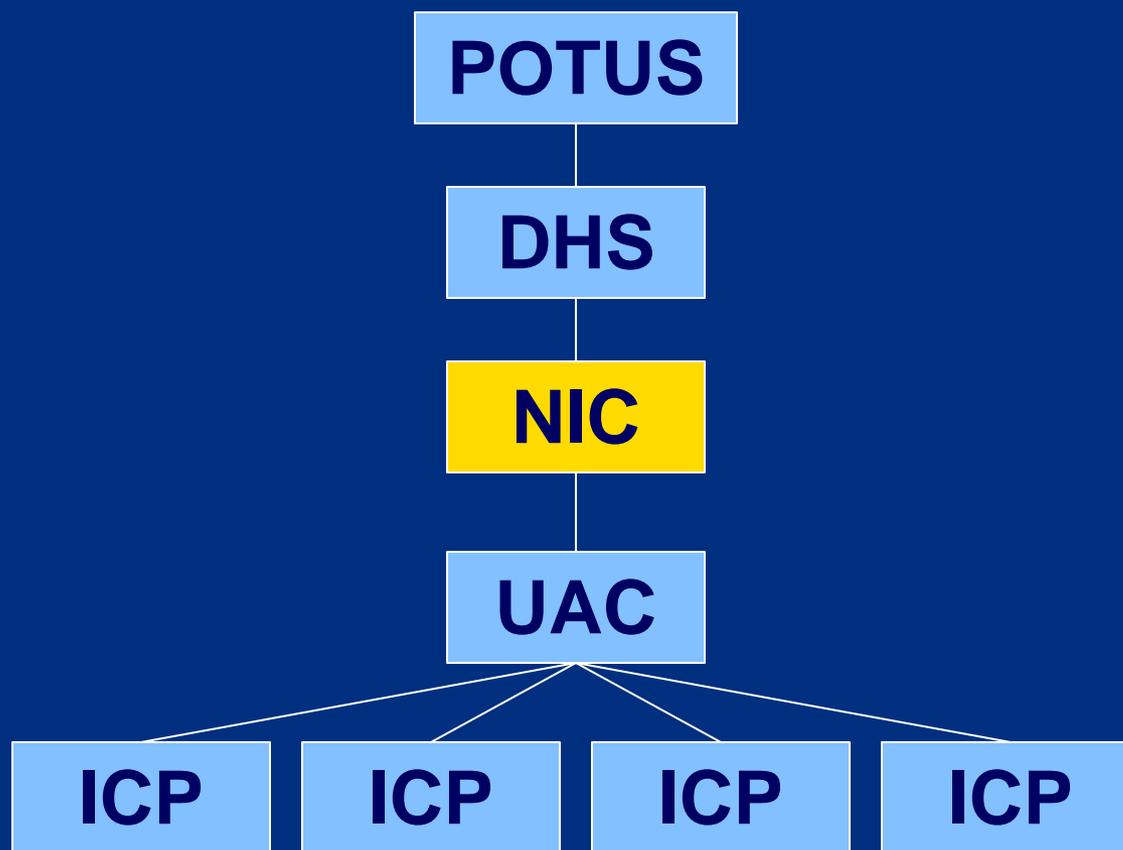
- Canada
- Mexico
- Norway
- Japan
- Germany
- France
- Russia
- Tunisia
- Belgium
- Qatar
- Kenya
- China
- Russia
- Netherlands
- Sweden
- UK
- European Maritime Safety Agency
- International Maritime Organization
- European Union





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Response Organization



ICS: FLEXIBILITY

- Good: IAP, Resources, Flexibility
- Delta: Limited organization levels (5)
 - Forms support incident not supplant
- IAPs can be too large
- Lack of position specific qualified personnel
 - Lack of understanding ICS process and how they relate to one another
 - Agencies were forming their own IAPs or ICS structures

Solution: Aggressive ICS Coaches who report to IC



BATTLE RHYTHM

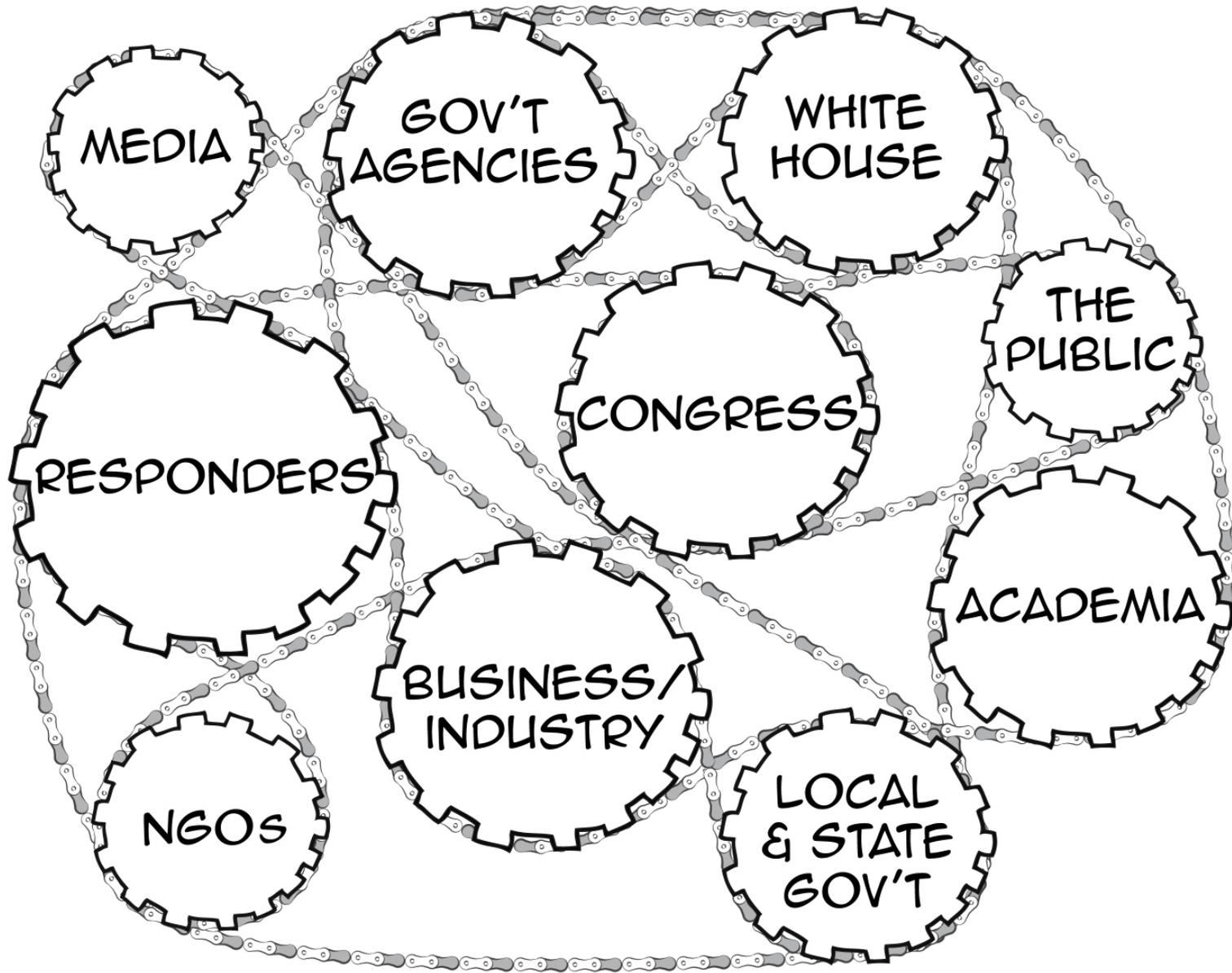
Date/ Time	Event	Attendees	Location
0600	Shift Briefing	UC, Command & General Staff, Unit leaders	ROOM 214
0630	BRANCH OPERATIONS BRIEFING	UC, Command Staff, Branch Directors	ROOM 214
0630	Planning Section Brief	Planning Sect Chief, all Houma Planning	AUDITORIUM
0700	UAC CONFERENCE CALL	UC Area,	USCG IC ROOM
0700	Operations Section Brief	Ops Section Chief, All Houma Operations	AUDITORIUM
0730	IC / DIC meeting	IC, Deputy ICs	IC Office
0745	UC OBJECTIVES MEETING	Unified Command	USCG IC ROOM
0800	GOVERNOR'S CONFERENCE CALL	CG IC	IC Office
0900	COMMAND & GENERAL STAFF MEETING	UC, SECTION CHIEFS, SUL, DUL	ROOM 214
1000	All Hands Briefing	ALL	AUDITORIUM
1100	Pre-Tactics	OPS, PLANNING & LOGISTIC SECTION CHIEFS, RUL, SUL, EUL	BUILDING NEXT DOOR CONFERENCE ROOM
*1400	TACTICS MEETING	OPS, PLANNING & LOGISTIC SECTION CHIEFS, RUL, SUL, EUL	ROOM 214
*1500	Planning Section Alignment Meeting	PLANNING SECTION CHIEF & UNIT LEADERS: , AC,	ROOM 214
1530	GOHSEP EOC / Parish conference call	UC	
1530	Planning Section / Branch Planning Meeting	Planning Section Chief, Unit Leaders & Planning Unit Leaders: HOUMA & FIELD BRANCHES	ROOM 214
1630	PLANNING MEETING	UC, Command & General Staff, DUL, RUL, SUL, EUL	ROOM 214
1730	UAC CONFERENCE CALL	UC Area,	USCG IC ROOM
1800	Shift Briefing	UC, Command & General Staff, Unit leaders	ROOM 214
2000	Data Integration Meeting	UC, Operations Section Chief, Planning Section Chief, SUL,	ROOM 214
2130	PLANNING SECTION ALIGNMENT MEETING	Planning Section Chiefs & Planning Unit Leaders , AC	ROOM 214
2300	SITUATION STATUS/PLANNING MEETING	DEPUTY INCIDENT COMMAND, SECTION CHIEFS & SULS	ROOM 214
2400	IC BRIEFING	IC Houston	
0330	COMMAND AND GENERAL STAFF MEETING	ICP STAFF	AUDITORIUM



BATTLE RHYTHM

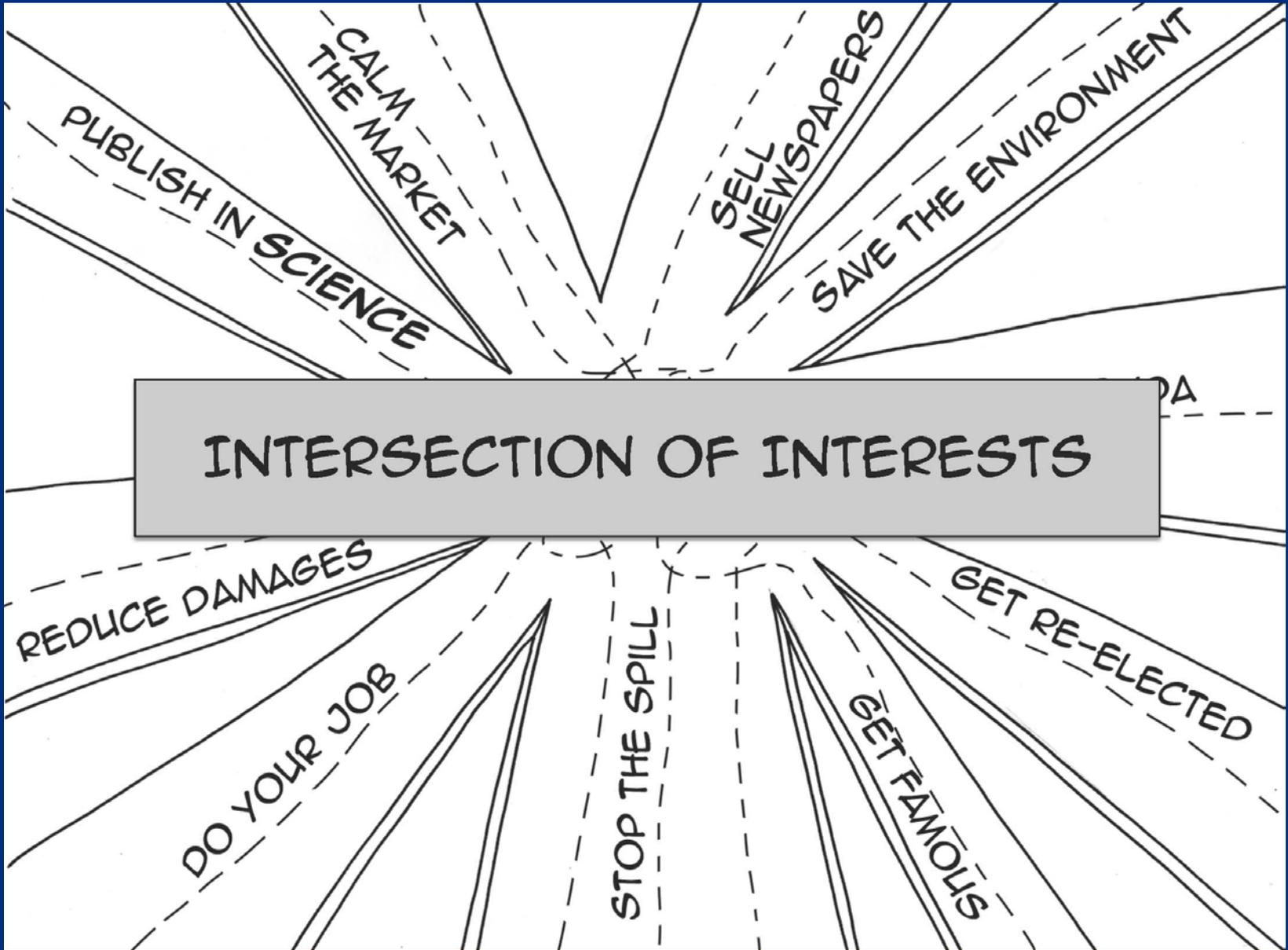
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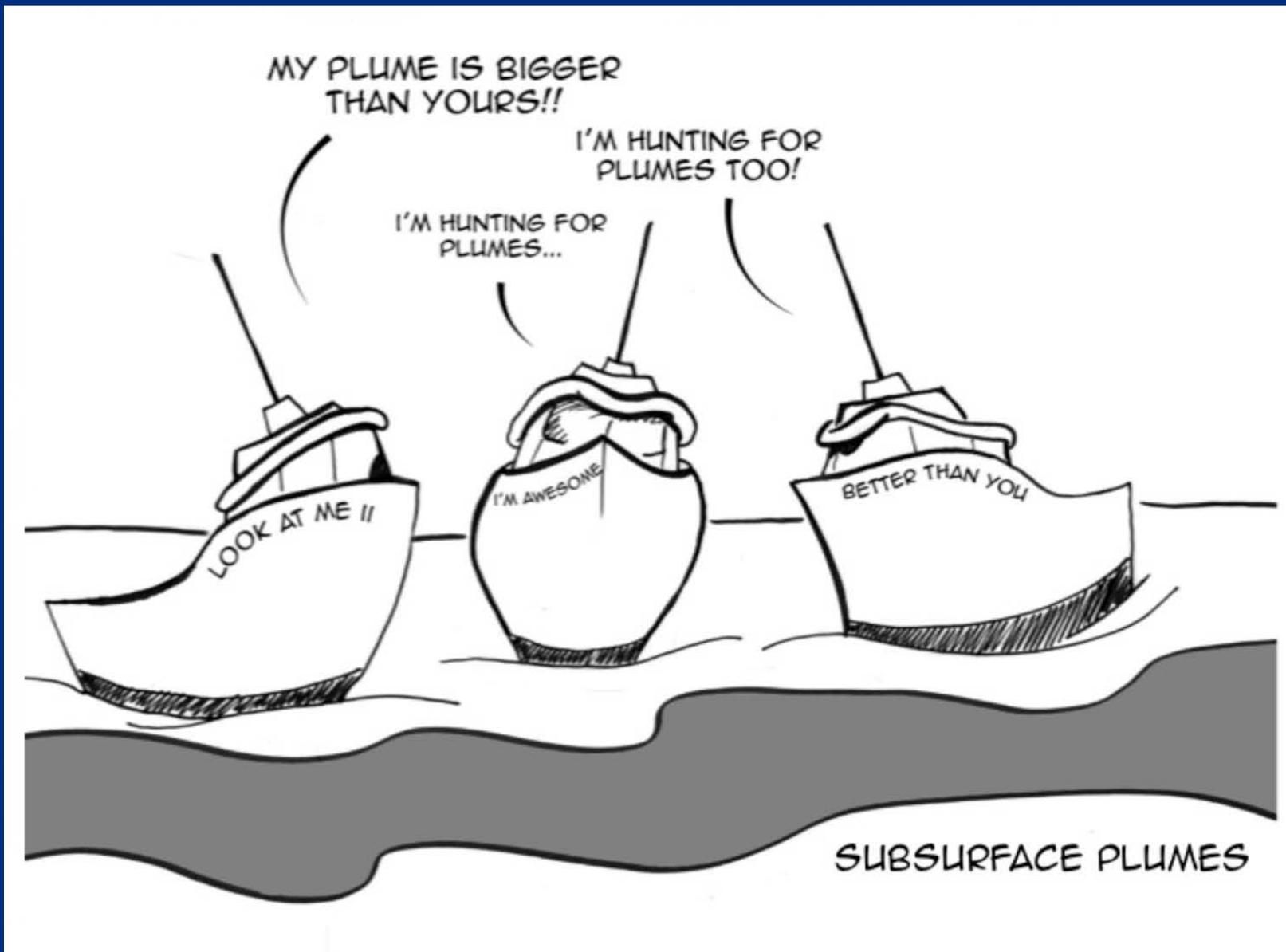
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QUESTIONS?



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