The background of the slide is a light gray gradient, decorated with numerous realistic water droplets of various sizes. The droplets are rendered with soft shadows and highlights, giving them a three-dimensional appearance. They are scattered across the page, with a higher concentration in the upper and lower right areas.

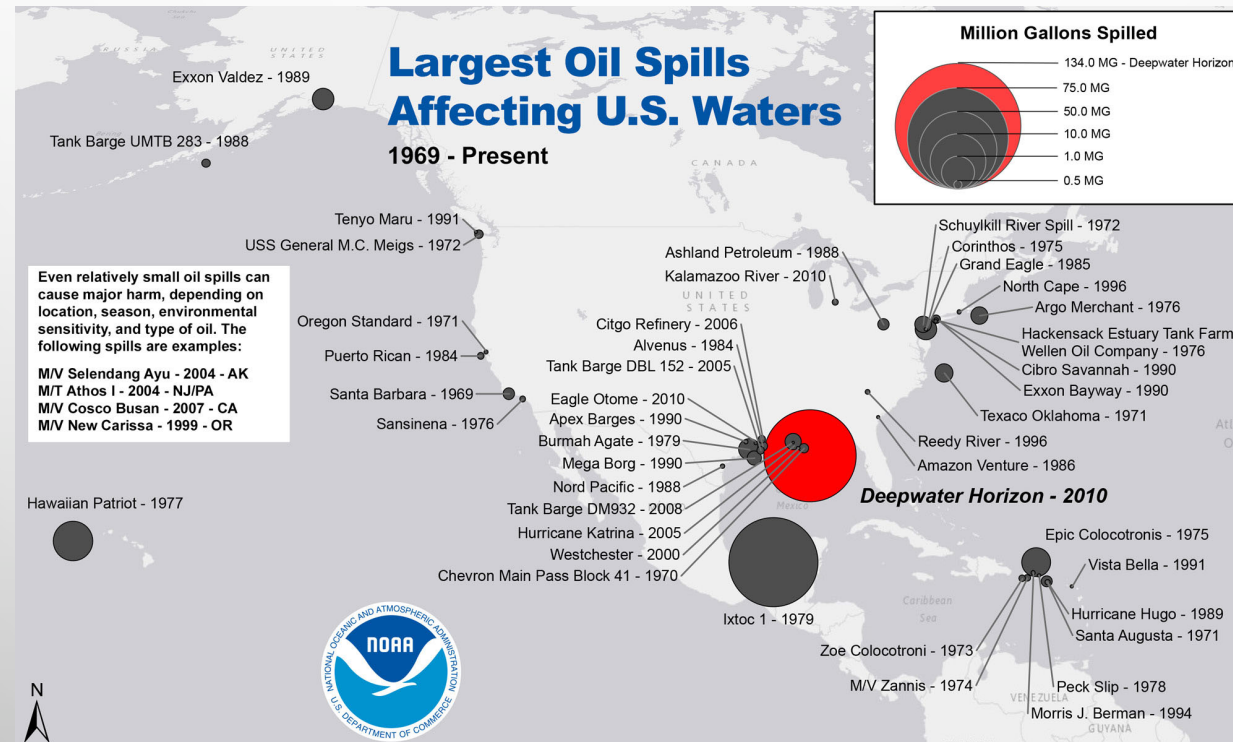
EVALUATION OF US FEDERAL OIL SPILL POLICIES: BOUCHARD B120 AND DEEPWATER HORIZON

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PURPOSE

- TO COMPARE AND CONTRAST THE BACKGROUND, IMPACTS AND TREATMENT OF TWO MAJOR OIL SPILLS AND INVESTIGATE THE APPROPRIATENESS OF EXISTING ENVIRONMENTAL POLICIES AND ANY NEED FOR NEW AND/OR DIFFERENT POLICIES



METHOD: IN-DEPTH CASE STUDIES

BOUCHARD B1 20



https://www.cerc.usgs.gov/orda_docs/CaseDetails?ID=966

DEEPWATER HORIZON



<https://www.britannica.com/event/Deepwater-Horizon-oil-spill>

MAJOR POLICIES

- *OUTER CONTINENTAL SHELF LANDS ACT (OCSLA) 1953*
- *NATIONAL CONTINGENCY PLAN (NCP) 1968*
- *PORT AND WATERWAYS SAFETY ACT OF 1972*
- *SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) 1973*
- *CLEAN WATER ACT 1972*
- *PORT AND TANKER SAFETY ACT 1978*
- *CERCLA 1980*
- *OIL SPILL LIABILITY TRUST FUND (OSLTF) 1986*
- *OIL POLLUTION ACT (OPA) 1990*
- *TANK VESSEL AND FACILITY RESPONSE PLANS 2004*
- *COAST GUARD AND MARITIME TRANSPORTATION ACT (CGMTA) OF 2006*
- *PIPELINE SAFETY, REGULATORY CERTAINTY AND JOB CREATION ACT 2011*
- *RESTORE ACT 2011*
- *OFFSHORE PRODUCTION AND SAFETY ACT OF 2011*
- *PIONEERS ACT 2012*
- *CONSOLIDATED APPROPRIATIONS ACT 2012*
- *BUREAU OF SAFETY AND ENVIRONMENTAL ENFORCEMENT REVISIONS 2019*

RESULTS OF CASE STUDY COMPARISON

BOUCHARD B120

- SIZE: 98,000 GALLONS
- RESPONSIBLE PARTY: BOUCHARD TRANSPORTATION COMPANY
- CREATED MASSACHUSETTS OIL SPILL PREVENTION ACT OF 2003
- ATTRACTED LOCAL MEDIA ATTENTION
- MINIMAL HUMAN HEALTH IMPACT
- COST OF SPILL: \$37.2 MILLION

BOTH

- LACKED PROACTIVE LEGISLATION
- LONG-TERM & SHORT-TERM EFFECTS OF OIL ON HABITATS
- NEGATIVE IMPACTS ON MARINE MAMMALS, SEA TURTLES AND BIRDS
- CREATED POLICY WINDOWS

DEEPWATER HORIZON

- SIZE: ~4.9 MILLION GALLONS
- RESPONSIBLE PARTIES: BP, TRANSOCEAN & HALLIBURTON
- CREATED RESTORE 2011, OFFSHORE PRODUCTION AND SAFETY 2011 & THE PIONEERS ACT OF 2012
- GARNERED NATIONAL MEDIA ATTENTION
- 11 HUMAN DEATHS
- COST OF SPILL: \$20.8 BILLION
- NEGATIVE EFFECT ON TOURISM

RECOMMENDATIONS

- AN AMENDMENT TO THE TANK AND VESSEL FACILITY RESPONSE PLANS OF 2004, BE MADE WHICH ALLOWS THE COAST GUARD TO DO SURPRISE CHECKS ON THE RESPONSE PLANS MAKING SURE THAT THEY ARE IN COMPLIANCE WITH THE LAW
- CREATE A SUBSIDY PROGRAM FOR SMALLER COMPANIES THAT CANNOT AFFORD TO INSTALL THE SAFEST WELL-CASING
- INCENTIVIZE COMPLIANCE FOR NEW OIL SPILL POLICIES (FIRST 5 YEARS)
- INTRODUCE LEGISLATION THAT ENCOURAGES BOTH SAFE PRACTICES & DOMESTIC OIL EXPLORATION
- A CLASSIFICATION SYSTEM COULD BE CREATED IN WHICH EACH YEAR EVERY COMPANY INVOLVED IN THE EXPLORATION OR TRANSPORTATION OF OIL MUST REGISTER AS A SMALL, MEDIUM OR LARGE COMPANY
 - THERE ARE THREE ENFORCEMENT AGENCIES AND THREE LEVELS OF PROPOSED CLASSIFICATION, EACH AGENCY WILL BE ASSIGNED ONE LEVEL

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