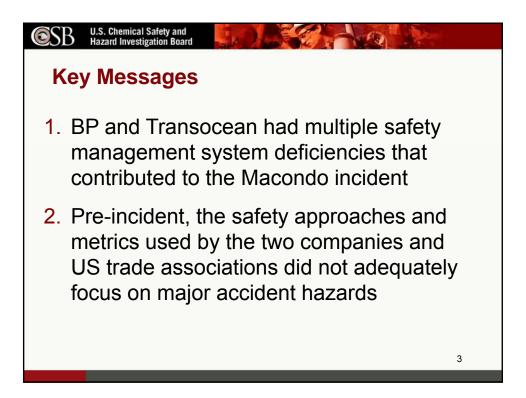


	ety - Personal S ty disciplines	afety: Two
	Process Safety	Personal Safety
Scope	Complex technical and organizational systems	Individual injuries and fatalities
Prevention	Management systems: design, mechanical integrity, hazard evaluation, MOC	Procedures, training, PPE
Risk	Incidents with catastrophic potential	Slips, trip, falls, dropped objects, etc.
Primary actors	Senior executives, engineers, managers, operations personnel	Front line workers, supervisors
Safety Indicators: Leading and Lagging Examples	HC releases, inspection frequency, PSM action item closure, well kick response, # of kicks	Recordable injury rate, days away from work, timely refresher training, # of behavioral observations



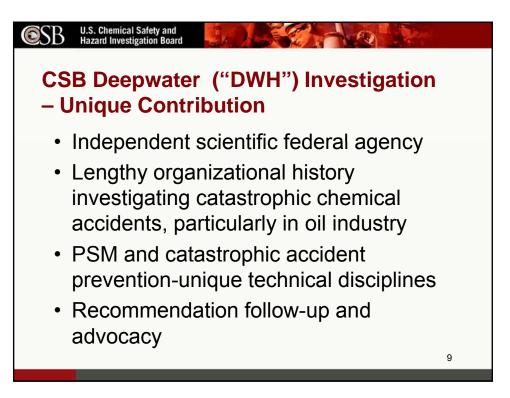






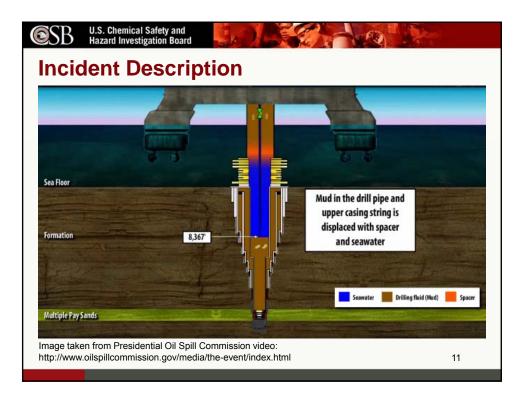


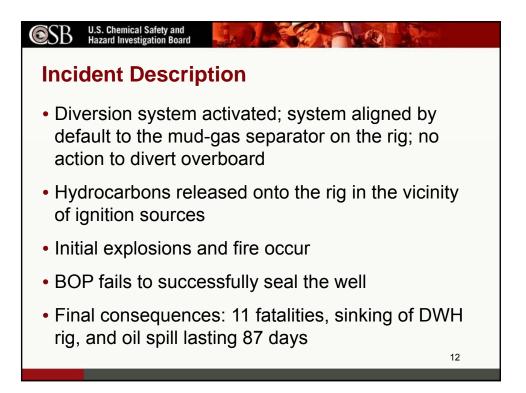




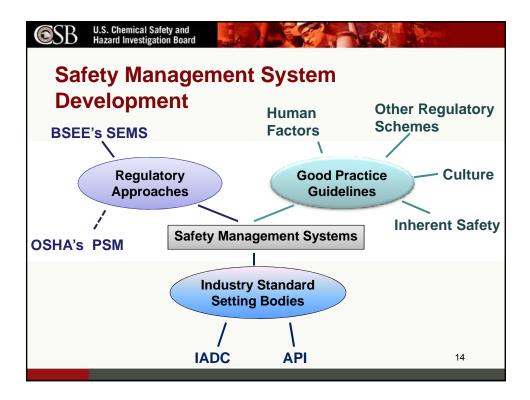


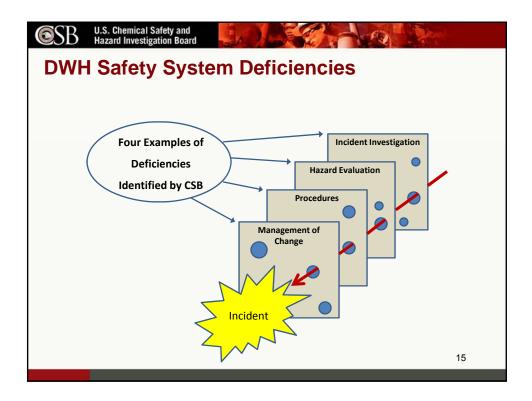
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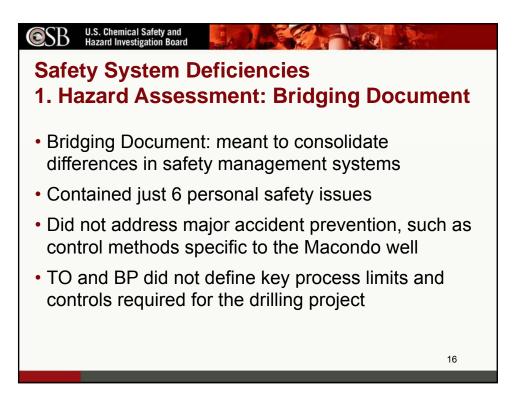




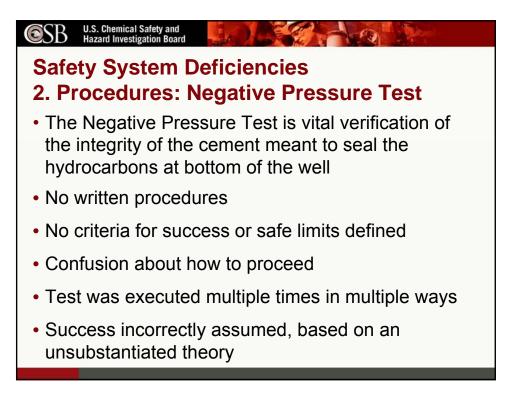


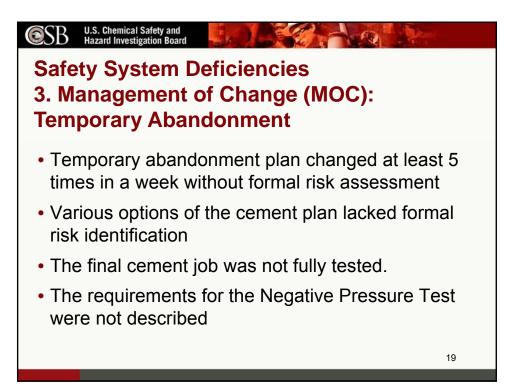


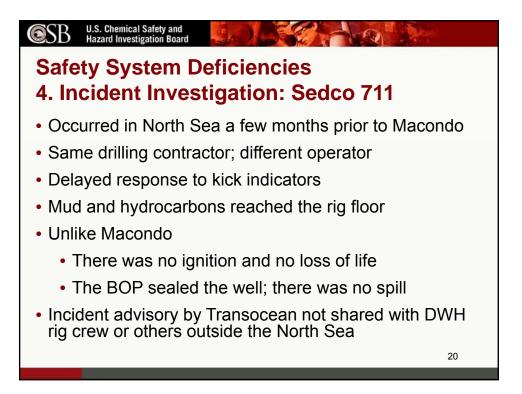


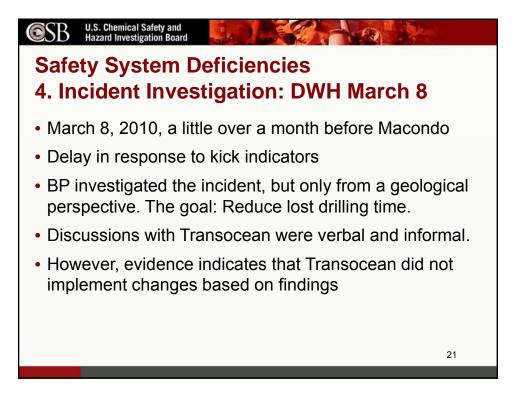


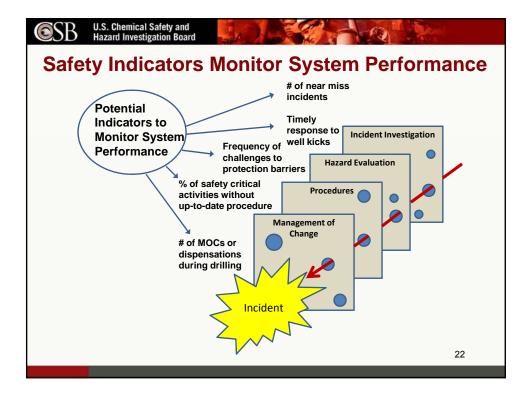






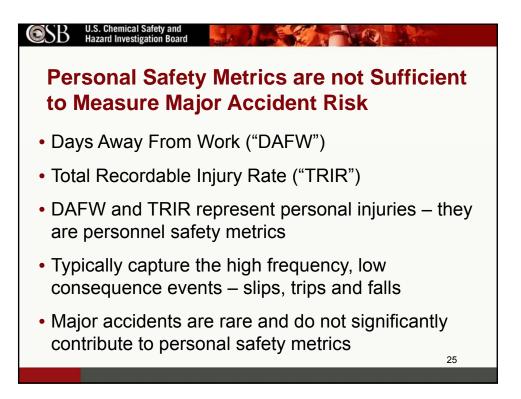


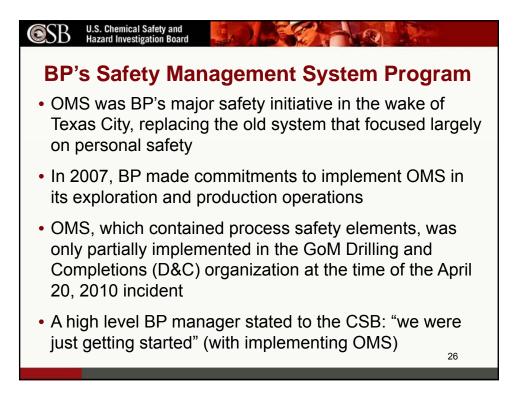


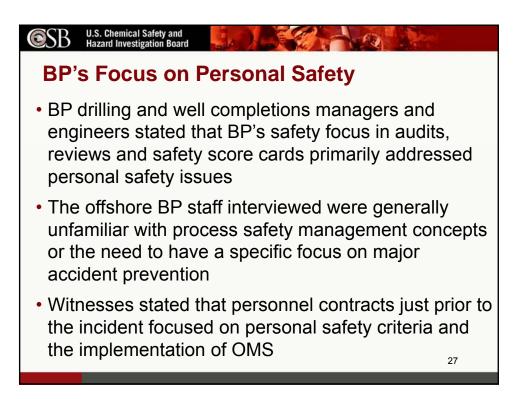


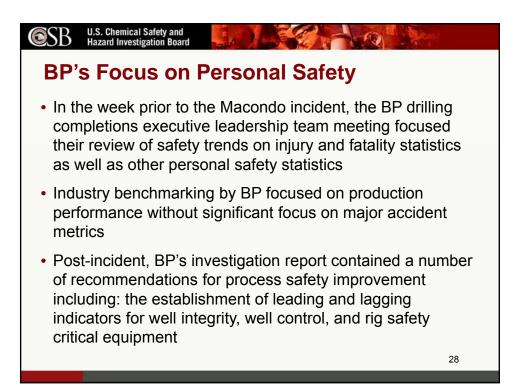


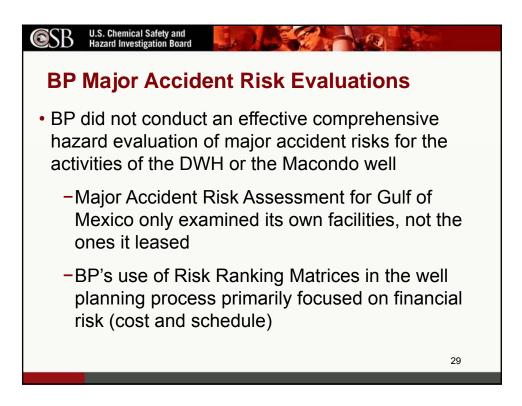




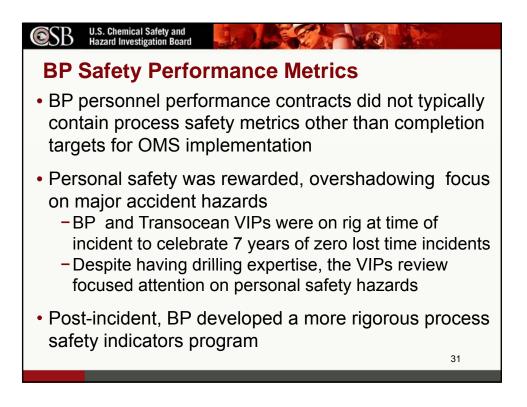


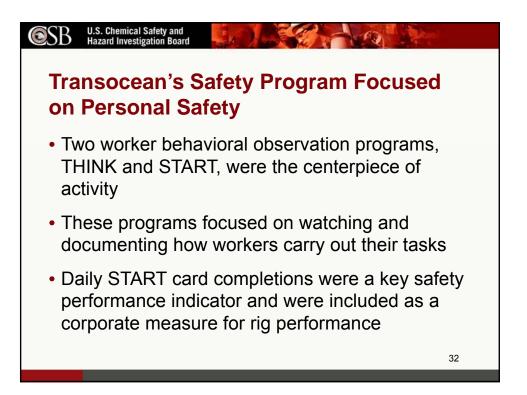


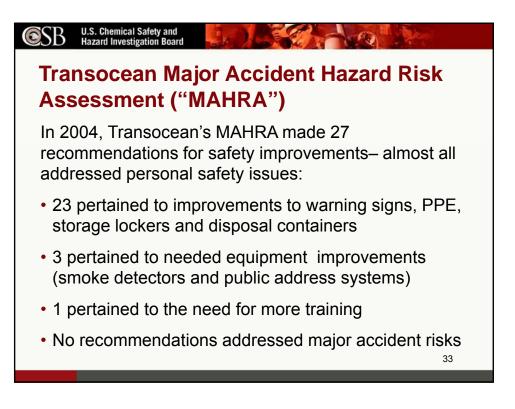


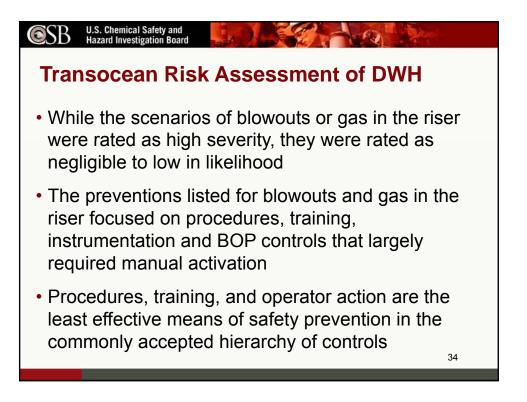


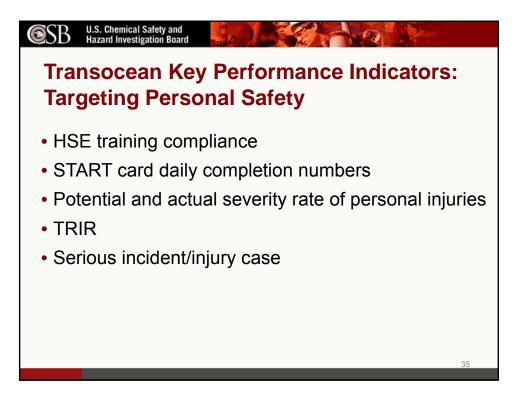


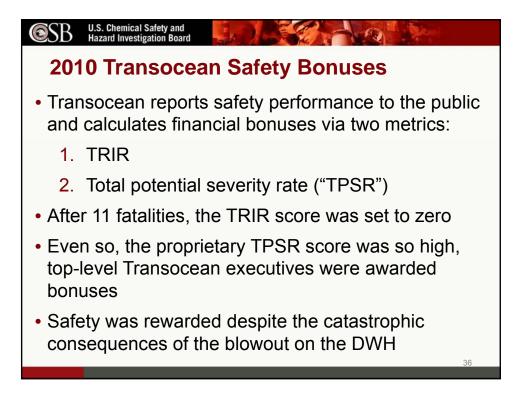




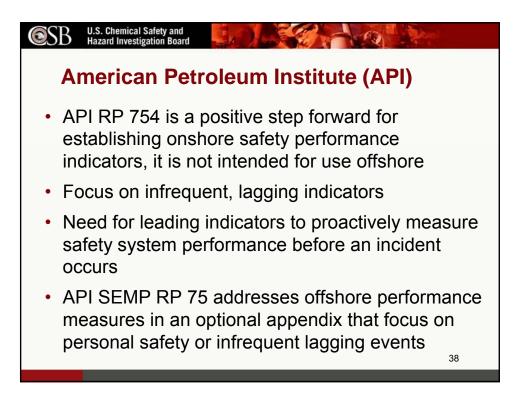


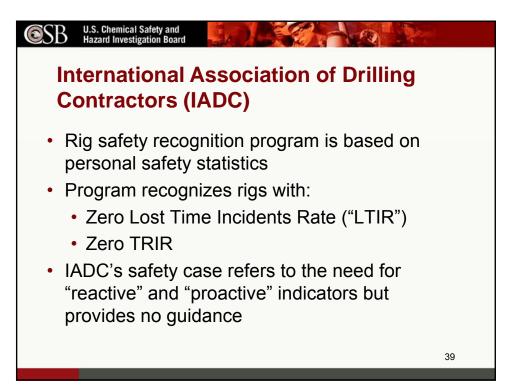




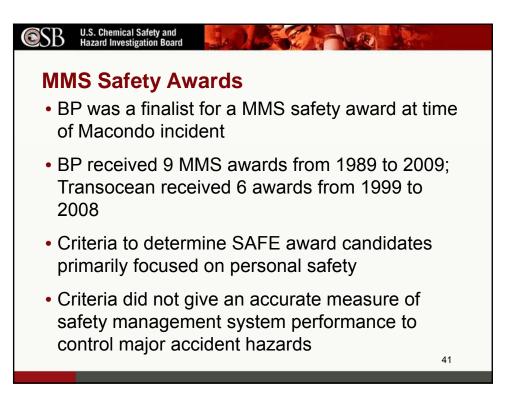


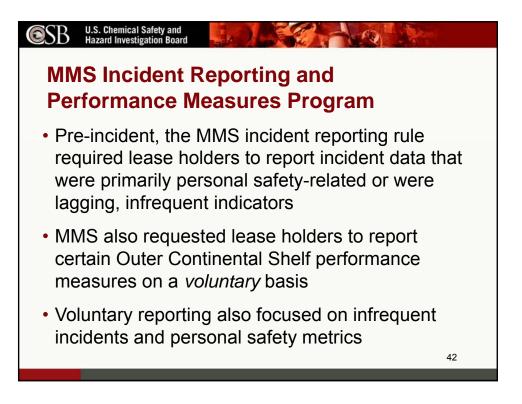












SB U.S. Chemical Safet Hazard Investigation Losses of in the Gulf					10	a Star
Type of loss of well control	2007	2008	2009	2010	2011	2012 to date
Flow underground	1	1	0	0	0	0
Flow surface	3	3	2	1	1	0
Diverter flow	0	1	0	0	0	0
Surface equipment failure	3	3	4	3	1	0
Total losses of well control in Gulf of Mexico	7	8	6	4	2	0
			Source: I	3SEE Incid	ent Report	ing Statistics
						43

Type of gas release	2007	2008	2009	2010	2011	2012 to date
Gas releases*	9	16	17	12	10	2
H ₂ S releases	2	3	4	2	0	0
*Includes only considered fir	-	-	releases	; ignited	gas rele	

