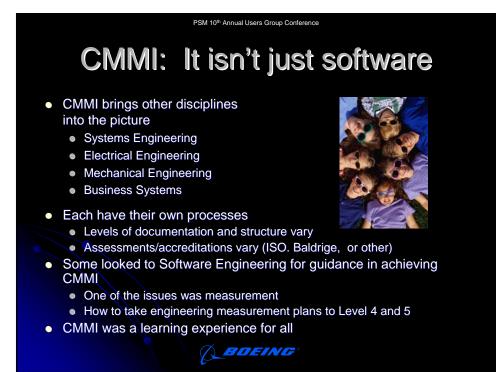


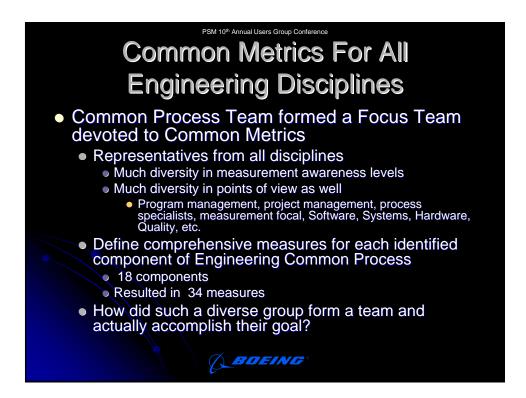
## The Problems Software Faced In Going Common

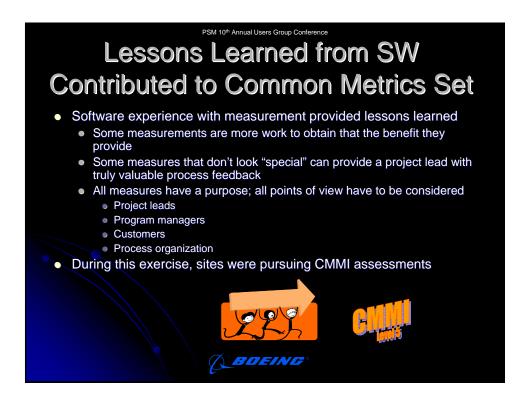
- Metrics definitions were developed for site project and organizational needs
- Metrics definitions had been used in CMM assessments and were part of new assessment plans for CMM-Integrated (CMMI)
- Any change to site measurement plans would adversely affect CMMI assessments
  - Everybody agreed Common was a good idea
  - Nobody was prepared to go there yet



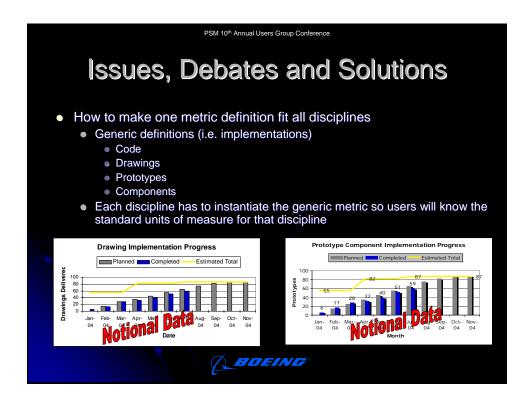


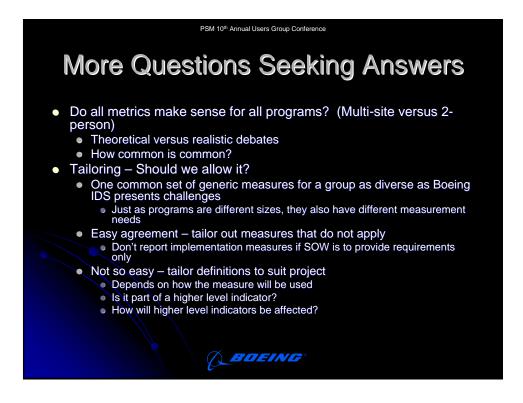


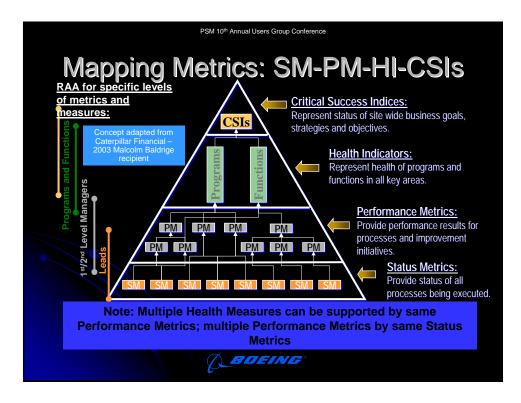


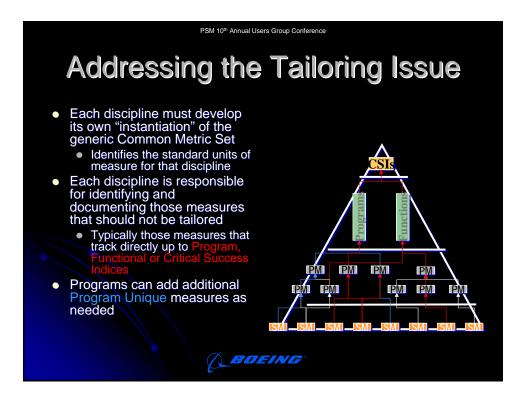












PSM 10 <sup>m</sup> Annual Users Group Conference Software Instantiation of Common Metrics						
Some example instantiations of the generic Common Metric Set:						
	Common Metric Set	Category	Software Instantiation	Software Measurements	System Engineering Instantiation	System Engineering Units
	On Time Delivery of Engineering Products	Lifecycle Management	On Time Delivery of Software	Percent of SW deliveries on time during reporting period		Percent of engineering product deliveries on time during reporting period
			On Time Delivery of Documents	Percent of SW document deliveries on time during reporting period		
	Requirements Volatility	Lifecycle Management	SW Requirements Volatility	Percent SW Reqmts - New, resolved TBDs, mods, Deletes, Baselined & Forecast Baseline	Requirements Volatility	Percent System Reqmts - New, resolved TBDs, mods, Deletes, Baselined & Forecast Baseline
	Integration Efficiency	Product Development	Integration Efficiency	% Integration Failures due to SW code error; % of Integration Failures due to Rqmts; % Integration Failures due to Design; % of Integration Failures due to Lab; % Integration Efficiency	Integration Efficiency	% Integration Failures due to SW code error; % of Integration Failures due to Rqmts; % Integration Failures due to Design; % of Integration Failures due to Lab; % Integration Efficiency
	Peer Review Energy	Execute & Control	SW PR Energy	Minutes/reviewer/page	SE PR Energy	Minutes/reviewer/page
	Escaped Defects	Execute & Control	Escaped SW Defects by Phase	Number of defects, phase injected, phase detected	Escaped SE Defects by Phase	Number of defects, phase injected, phase detected
			Q.BOE			

