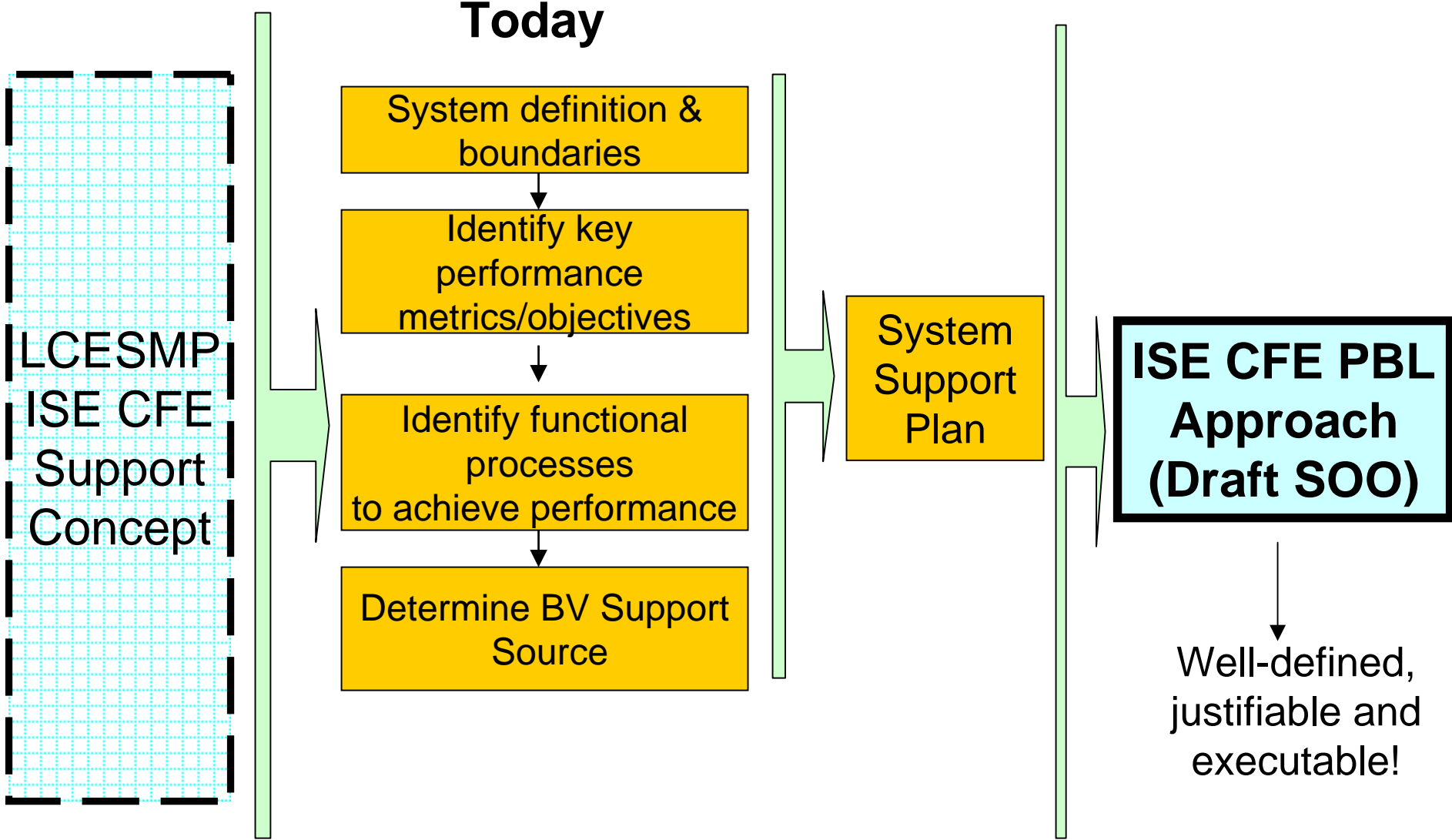


PBL Strategy

ISE/CF Systems:




- A total of ten major ISE CF systems are found in three of the eight Product Data categories in the LPD 17 Combat System
- These ten major ISE CF systems contain 24 CF and 4 GFE ancillary sub-systems.
- Hardware (H/W) and Software (S/W) vendors include the Government, Raytheon, Sperry, Avondale and CAE.

| Combat System Product Data System Structure | ISE CF System | Included Ancillary Sub-System | GFE | CFE | Combat System Product Data System Structure | ISE CF System | Included Ancillary Sub-System | GFE | CFE |
|---|---------------|-------------------------------|-----|-----|---|---------------|-------------------------------|-----|-----|
| SURVEILLANCE | | | | | INTERIOR COMMS | | | | |
| | SPS-73 | | | X | → ICS | | | | |
| NAVIGATION | | | | | | | IVCS | | X |
| → NAVSYS | | | | | | | WPCS | | X |
| | | NAVSSI | X | | | | SPT | | X |
| | | NDDS | | X | | | A&I | | X |
| | | WSN-7 | | X | | | Announcing System | | X |
| | | WQN-2 | | X | | | Intercom | | X |
| | | Fathometer | | X | | | Switchboards | | X |
| | | Flux Gate Compass | | X | SHIP CONTROL | | | | |
| | | Wind System | | X | → SCS | | | | |
| SUPPORT | | | | | | | Command System | | X |
| → SWAN | | | | | | | Steer & Prop Control | | X |
| | | SWAN Electronics | | X | | | | | |
| | | FOCP | | X | → ECS | | | | |
| | | SSMS | | X | | | MCS | | X |
| → Support Equip | | | | | | | DCS | | X |
| | | Ship IPDE | | X | | | ICAS | X | X |
| | | Section 490 Equip | | X | → ADS | | | | |
| → TSTS | | | | X | | | MSCS | | X |
| → CIDS | | 23TV | | X | | | Coils | | X |
| → IVDS | | | | | EXTERIOR COMMS | | | | |
| | | 27TV | | X | | | Turn-Key RCS | | |
| | | SITE 400 | X | | | | | | |
| | | HOSS | X | | | | SAT-2A | | X |
| | | | | | CRYPTOLOGIC | None | | | |
| | | | | | MISSION CONTROL | None | | | |
| | | | | | WEAPONS CONTROL | None | | | |

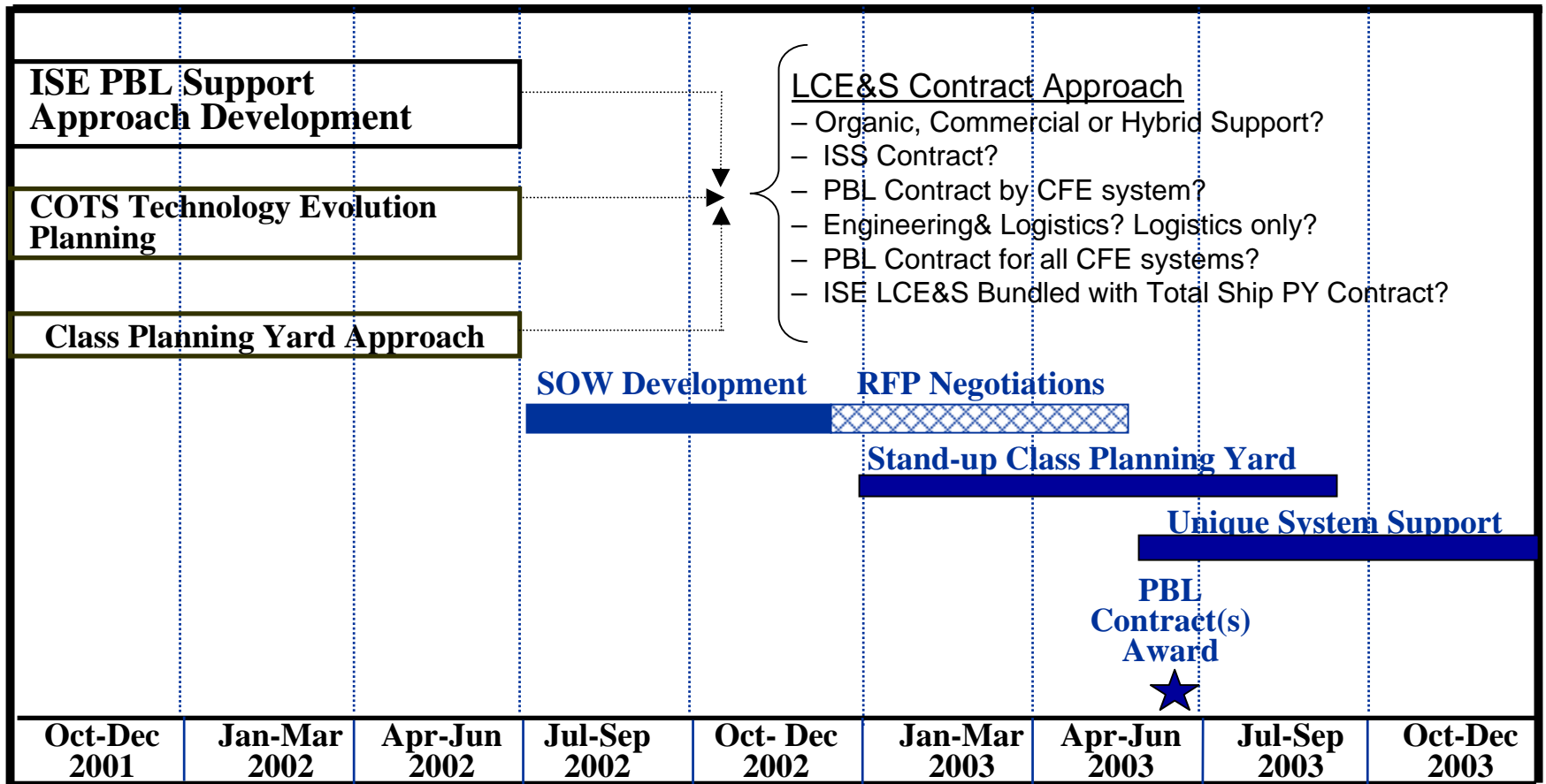


Develop a viable and best value Performance Based Logistics (PBL) approach for the ten LPD 17 Class Contractor Furnished Electronic (CFE) systems

Complete below table for all CF ISE Systems

| PBL Category | Support Scope | Navy Cog | Systems | | |
|----------------------|---|--------------------|---|---|---|
| | | | System X | System Y | System Z |
| Traditional PBL | Material Only | NAVICP | |  | |
| Expanded PBL | Material & Maintenance (Logistics Only) | NAVICP, PARM |  | | |
| Prime Vendor Support | Material, Maintenance and Engineering | NAVICP, PARM, ISEA | | |  |

LPD17 Integrated Shipboard Electronic (ISE) Systems and Total Ship Support Development Timeline



- LCE&S Contract Approach**
- Organic, Commercial or Hybrid Support?
 - ISS Contract?
 - PBL Contract by CFE system?
 - Engineering & Logistics? Logistics only?
 - PBL Contract for all CFE systems?
 - ISE LCE&S Bundled with Total Ship PY Contract?

↑
Today

- ☞ Scope yet to be defined for system support
 - Organic versus Commercial Role
 - Political challenges associated with source of system support
 - Obtaining Objective Cost and Performance Data for BVA
- ☞ Alignment of Funding Streams
 - Supply Support is NWCF funded
 - ISEA is PM funded
 - Increased visibility of total costs
- ☞ Timing of award
 - Interim Support
 - Alpha Contracting
 - Feathered approach