Installation
and
1.6.4 Installation Support Services

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Definitions

• Integration & Testing, alias System Checkout
  – (R.L. 3/01/99) The phase of Major Subsystem testing, after pre-assembly testing and installation, that includes testing the interconnected parts of the Major Subsystem throughout the entire accelerator, through the controls panels from Main Control and through the interconnections with related subsystems.

• Area Installation, Integration & Testing
  – These are costs which can be readily assigned to a specific area

• Installation Support Services
  – These are costs which are shared between two or more areas

• Installable Unit
  – Item at most complete stage of assembly possible prior to installation. This is NOT the same as the Area “functional assemblies”.
1.6.4 Installation Support Services

- **1.6.4.1 Management & Administration**
  - Planning, Infrastructure Development, Integration and Oversight of Installation
  - Liaison to Project Management, Area Management and Manufacturing Support

- **1.6.4.2 Logistics Support**
  - Tools (software), Personnel and Equipment required to provide logistics support for installation not specifically costed in an area
  - Does not include logistics support for other aspects of the project
1.6.4 Installation Support Services

• 1.6.4.3 Installation Conveyances
  – Design, acquisition and operation of a system conveyances to deliver materials ready to be installed.
  – Labor and equipment costs will be assigned to appropriate areas where feasible
  – Does not include conveyances for receiving, warehousing or manufacturing

• 1.6.4.4 System Checkout (Integration & Test)(?)
  – System checkout which spans more than one area (PPS, etc)

• Installation costs for WBS 1.5 are included in WBS 1.5 (not in WBS 1.6.4)