# NCSX June 2007 ETC
## TABLE V - Basis of Estimate

**WBS Number: 75**
**WBS Title: Machine Assembly Operations**
**Job Numbers: 7501 and 7503**
**Job Title: Construction Crew Support (7501)**
**Job Title: Machine Assembly Operations (7503)**
**Job Manager: Erik Perry**

**ORNL Updated Title III Engineering (6/8/2007)**

| Station No. | start date | end date | days | weeks | | 1st peri | 2nd per | 3thd period | | ENGR | Designe | Total hrs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| station 2 | Oct-07 | Mar-09 | 517.00 | 74 | 2954 | 591 | 394 | 197 | 1182 | 591 | 591 | 1182 |
| station 3 | Feb-08 | Jul-09 | 516.00 | 74 | 2949 | 491 | 295 | 98 | 885 | 442 | 442 | 885 |
| station 5 | Apr-08 | Sep-09 | 518.00 | 74 | 2960 | 493 | 296 | 99 | 888 | 444 | 444 | 888 |
| station 6 | Jun-09 | Oct-10 | 487.00 | 70 | 2783 | 742 | 557 | 371 | 1670 | 1670 | 835 | 2505 |
| | | | 701 | 100 | 4006 | | | | | | | |

| | Total Hours |
|---|---|
| Station 2 to 5 (FPA - | 2954 |
| Station 6 (Fnl Mach / | 2505 |

| Station 2 | | Coverage |
|---|---|---|
| 1st period | 60% | 60% Engr/Dsn |
| 2nd period | 40% | 40% Engr/Dsn |
| 3thd period | 20% | 20% Engr/Dsn |
| ENGR | 50% | Average |
| Designer | 50% | Average |

| Station 3 | | Coverage |
|---|---|---|
| 0 | 50% | 50% Engr/Dsn |
| 590.8571 | 30% | 30% Engr/Dsn |
| 491.4286 | 10% | 10% Engr/Dsn |
| ENGR | 50% | Average |
| Designer | 50% | Average |

**Title III Support Travel**

| Job 1802 | Job 7503 | |
|---|---|---|
| $4,500 | | FY2007 |
| $9,000 | | FY2008 |
| $4,500 | $1,500 | FY2009 |
| | $6,000 | FY2010 |
| | $4,500 | FY2011 |

Assume each period is 1/3 of the number of weeks

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**Job Title: Machine Assembly Operations (7503)**
**Job Manager: Erik Perry**

| **Station 5** | | **Coverage** |
|---|---|---|
| 0 | 50% | 50% Engr/Dsn |
| 590.8571 | 30% | 30% Engr/Dsn |
| 491.4286 | 10% | 10% Engr/Dsn |
| ENGR | 50% | Average |
| Designer | 50% | Average |

| **Station 6** | | **Coverage** |
|---|---|---|
| 0 | 80% | 80% Engr/Dsn |
| 590.8571 | 60% | 60% Engr/Dsn |
| 491.4286 | 40% | 40% Engr/Dsn |
| ENGR | 100% | Average |
| Designer | 50% | Average |