Muon Electronics

| ID | Task Name | Duration | Start | Finish | Predecessors | Constraint | WB$ | Resource Names |
|---|---|---|---|---|---|---|---|---|
| 1880 | MUON ELECTRONICS | 264.4 w | 9/4/95 | 1/2/01 | | As Soon As | | |
| 1881 | M3-Muon Electronics TDR Submitted | 0.2 w | 7/22/97 | 7/22/97 | | Start No Ear | | |
| 1882 | WAMUS Front End Electronics | 239 w | 9/4/95 | 6/27/00 | | As Soon As | | |
| 1883 | Design/Fab/Test Prototype Service Cards | 72 w | 9/4/95 | 2/11/97 | | As Soon As F | | ETF135[0.2],EEF135[0.2] |
| 1884 | Design/Fab/Test Prototype Delay Boards | 72 w | 9/4/95 | 2/11/97 | | As Soon As F | | ETF135[0.2],EEF135[0.2] |
| 1885 | Procure Parts for Production Service Cards FY96 | 10 w | 9/11/96 | 11/19/96 | 1883FS-20 w | As Soon As F | 1.3.5.1.3(.33) | k$[0.32],k$c[0.01] |
| 1886 | Procure Parts for Production Delay Boards FY96 | 10 w | 9/11/96 | 11/19/96 | 1883FS-20 w | As Soon As F | 1.3.5.1.4(.39) | k$[0.22],k$c[0.01] |
| 1887 | Fabricate/Test Production Service Cards | 52 w | 9/1/97 | 9/18/98 | 1883 | As Soon As F | 1.3.5.1.3(.67) | ETU135,PhysU135[0.1],k$[0.65],k$c[0.02] |
| 1888 | Fabricate/Test Production Delay Boards | 52 w | 9/1/97 | 9/18/98 | 1884 | As Soon As F | 1.3.5.1.4(.61) | ETU135,PhysU135[0.1],k$[0.34],k$c[0.01] |
| 1889 | Design prototype WAMUS FEB | 71 w | 9/4/95 | 2/4/97 | | As Soon As F | | EEF135[0.5] |
| 1890 | Layout prototype FEB | 20 w | 2/5/97 | 6/25/97 | 1889 | As Soon As F | | ETF135 |
| 1891 | Fabricate/Test FEB | 19 w | 8/22/97 | 1/19/98 | 1890FS+8 w | As Soon As F | | ETF135[0.5],EEF135[0.5],PhysF135 |
| 1892 | Design prototype CB | 90 w | 9/4/95 | 6/18/97 | | As Soon As F | | EEF135[0.5] |
| 1893 | Layout prototype CB | 8 w | 8/1/97 | 9/26/97 | 1892FS+6 w | As Soon As F | | ETF135 |
| 1894 | Fabricate/Test prototype CB | 9 w | 11/3/97 | 1/19/98 | 1893FS+5 w | As Soon As F | | ETF135[0.5],EEF135[0.25],PhysF135[0.25] |
| 1895 | FEB, CB Prototypes Complete | 0 w | 1/19/98 | 1/19/98 | 1894 | As Soon As | | |
| 1896 | FEB, CB testing with PDT's | 18 w | 12/10/97 | 4/27/98 | 1895FS-5 w | As Soon As F | | EEF135[0.1],PhysF135[0.2] |
| 1897 | Final FEB, CB design | 18 w | 4/28/98 | 9/2/98 | 1896 | As Soon As F | | EEF135 |
| 1898 | Design FEB, CB testers | 75 w | 4/28/98 | 10/28/99 | 1896 | As Soon As F | 1.3.5.1.6 | ETF135[0.3],EEF135[0.2],k$[0.08],k$c[0.02] |
| 1899 | Procure FEB Parts FY95 | 10 w | 9/4/95 | 11/10/95 | | As Soon As F | 1.3.5.1.2(.08) | k$[0.66],k$c[0.06] |
| 1900 | Procure FEB Parts FY96 | 10 w | 9/11/96 | 11/19/96 | 1899SS+52 w | As Soon As F | 1.3.5.1.2(.09) | k$[0.75],k$c[0.07] |
| 1901 | Procure 10% FEB,CB Parts FY97 | 12 w | 9/8/97 | 12/2/97 | | Start No Earl | 1.3.5.1.2(.05),1.3.5.1.5(.02) | k$[0.46],k$c[0.05] |
| 1902 | Procure 100% FEB Parts FY99 | 8 w | 11/25/98 | 2/4/99 | | Start No Earl | | |
| 1903 | Procure 10% CB Parts FY98 | 12 w | 6/10/98 | 9/2/98 | 1897FS-12 w | As Soon As F | 1.3.5.1.2(.04),1.3.5.1.5(.06) | ETF135[0.1],k$[0.45],k$c[0.05] |
| 1904 | Layout/Fabricate V2 Prototype FEB | 28 w | 9/3/98 | 4/5/99 | 1897 | As Soon As F | 1.3.5.1.2(.02),1.3.5.1.5(.04) | EEF135[0.1],k$[0.25],k$c[0.03] |
| 1905 | Layout/Fabricate 10% CB | 12 w | 9/3/98 | 11/30/98 | 1897 | As Soon As F | | |
| 1906 | 10% CB Electronics Fabricated | 0 w | 11/30/98 | 11/30/98 | 1905 | As Soon As | | |
| 1907 | Bench Test V2 FEB and 10% CB | 4 w | 4/6/99 | 5/3/99 | 1904 | As Soon As F | | ETF135[2],EEF135[0.2] |
| 1908 | Install V2 FEB and 10% CB | 12 w | 6/30/99 | 9/23/99 | 1907SS+12 w | As Soon As F | | PhysU135,EEF135[0.1],PhysF135,ETF135[0.5] |
| 1909 | FEB, CB Preproduction Installation Complete | 0 w | 9/23/99 | 9/23/99 | 1908 | As Soon As | | |
| 1910 | Procure production FEB, CB parts | 12 w | 6/30/99 | 9/23/99 | 1908SS | As Soon As F | 1.3.5.1.2(.43),1.3.5.1.5(.56) | ETF135[0.3],k$[4.71],k$c[0.5] |
| 1911 | Layout/Fabricate Production FEB, CB | 26 w | 9/24/99 | 4/10/00 | 1910 | As Soon As F | 1.3.5.1.2(.29),1.3.5.1.5(.32) | EEF135[0.1],k$[3.06],k$c[0.32],ETF135[0.3] |
| 1912 | FEB, CB Production Complete | 0 w | 4/10/00 | 4/10/00 | 1911 | As Soon As | | |
| 1913 | Bench Test Production FEB, CB | 26 w | 11/30/99 | 6/13/00 | 1911SS+50 % | As Soon As F | | ETF135[2],EEF135[0.1] |
| 1914 | Install Production FEB, CB | 26 w | 12/14/99 | 6/27/00 | 1913SS+2 w | As Soon As F | | PhysU135[2],EEF135[0.1],PhysF135,ETF135[0.5] |
| 1915 | FEB, CB online software | 117 w | 1/20/98 | 5/30/00 | 1894 | As Soon As F | | PhysU135[0.5] |
| 1916 | MDT FRONT END ELECTRONICS | 246.2 w | 9/4/95 | 8/17/00 | | As Soon As | | |
| 1917 | MDT ADB | 240.4 w | 9/4/95 | 7/7/00 | | As Soon As | | |
| 1918 | Design/fabricate prototype MDT ADB (SS) | 95 w | 9/4/95 | 7/24/97 | | As Soon As F | | EEU135[0.5],ETU135[0.5] |
| 1919 | Design/fabricate prototype MDT ADB (SMD) | 73 w | 9/4/95 | 2/18/97 | | As Soon As F | | EEU135[0.5],ETU135[0.5] |
| 1920 | Test SS and SMD MDT ADB | 12 w | 7/25/97 | 10/17/97 | 1918,1919 | As Soon As F | | PhysU135[2],ETU135[2],EEU135[0.5] |
| 1921 | Dubna MOU-FY98 | 0.2 w | 8/13/98 | 8/13/98 | | Start No Earl | 1.3.5.2.2.4(.45),1.3.5.2.2.5(.45) | k$[3.95],k$c[0.49] |
| 1922 | Design choice SS vs SMD | 2 w | 6/15/98 | 6/26/98 | | Start No Earl | | PhysU135[0.1],EEU135[0.1] |
| 1923 | Design production MDT ADB | 12 w | 6/29/98 | 9/22/98 | 1922 | As Soon As F | | EEU135 |
| 1924 | Design MDT ADB tester | 20 w | 6/26/98 | 11/17/98 | 1922 | As Soon As F | 1.3.5.2.5(.5) | EEU135[0.5],ETU135,k$[0.04],k$c[0.01] |
| 1925 | Procure 10% MDT ADB parts | 8 w | 8/25/98 | 10/20/98 | 1923SS+8 w | As Soon As F | | ETU135[0.1] |
| 1926 | Procure MDT ADB Power Supplies | 10 w | 7/19/99 | 9/27/99 | | Start No Earl | 1.3.5.2.2.6 | k$[0.35],k$c[0.05] |
| 1927 | Fabricate 10% MDT ADB | 8 w | 11/18/98 | 1/28/99 | 1924,1925 | As Soon As F | | EEU135[0.1] |
| 1928 | 10% MDT ADB Fabricated | 0 w | 1/28/99 | 1/28/99 | 1927 | As Soon As | | |
| 1929 | Bench test 10% MDT ADB | 6.2 w | 1/29/99 | 3/12/99 | 1928 | As Soon As F | | ETU135,EEU135[0.1] |
| 1930 | Install 10% MDT ADB | 8 w | 2/26/99 | 4/22/99 | 1929SS+4 w | As Soon As F | | PhysU135,EEU135[0.1],ETF135[0.5] |
| 1931 | MDT ADB Preproduction Installation Complete | 0 w | 4/22/99 | 4/22/99 | 1930 | As Soon As | | |
| 1932 | Procure production MDT ADB parts | 12 w | 3/26/99 | 6/18/99 | 1930FS-4 w | As Soon As F | 1.3.5.2.2.4(.55),1.3.5.2.2.5(.55) | ETU135[0.1],k$[4.83],k$c[0.6] |
| 1933 | Fabricate production MDT ADB | 23 w | 6/21/99 | 12/2/99 | 1932 | As Soon As F | | EEU135[0.1] |
| 1934 | MDT ADB Fabrication Complete | 0 w | 12/2/99 | 12/2/99 | 1933 | As Soon As | | |
| 1935 | Bench test production MDT ADB | 21.4 w | 7/20/99 | 1/3/00 | 1933SS+4 w | As Soon As F | | ETU135,EEU135[0.1] |
| 1936 | Install production MDT ADB | 36 w | 10/12/99 | 7/7/00 | 1935SS+4 w,1708SS | As Soon As F | | PhysU135,EEU135[0.1],ETF135[0.5] |
| 1937 | MDT MDC/MDRC Cards | 246.2 w | 9/4/95 | 8/17/00 | | As Soon As | | |
| 1938 | Design prototype MDC | 88 w | 9/4/95 | 6/4/97 | | As Soon As F | | EEU135 |
| 1939 | Layout MDC | 8 w | 6/5/97 | 7/31/97 | 1938 | As Soon As F | | ETU135 |
| 1940 | Fabricate/Test MDC | 73 w | 9/15/97 | 3/15/99 | 1939FS+6 w | As Soon As F | | PhysU135,ETU135,EEU135[0.5] |
| 1941 | Design prototype MDRC | 48 w | 6/5/97 | 5/26/98 | 1939 | As Soon As F | | EEU135 |
| 1942 | Layout prototype MDRC | 20 w | 3/31/98 | 8/19/98 | 1941FS-8 w | As Soon As F | | ETU135 |
| 1943 | Fabricate/Test prototype MDRC | 27 w | 8/20/98 | 3/15/99 | 1942 | As Soon As F | | PhysU135[0.5],ETU135,EEU135[0.5] |
| 1944 | MDC, MDRC Prototypes Complete | 0 w | 3/15/99 | 3/15/99 | 1943 | As Soon As | | |
| 1945 | Design/fabricate MDC, MDRC testers | 32 w | 8/20/98 | 4/19/99 | 1942 | As Soon As F | 1.3.5.2.5(.5) | EEU135[0.5],ETU135[0.5],k$[0.04],k$c[0.01] |
| 1946 | Design production MDC, MDRC | 15 w | 3/16/99 | 6/29/99 | 1940,1944 | As Soon As F | | EEU135 |
| 1947 | Procure MDC, MDRC parts FY96 | 8 w | 8/1/96 | 9/26/96 | | Start No Earl | 1.3.5.2.3(.05),1.3.5.2.4(.05) | k$[0.39],k$c[0.06] |
| 1948 | Procure MDC, MDRC parts FY97 | 8 w | 8/1/97 | 9/26/97 | | Start No Earl | 1.3.5.2.4(.01) | k$[0.01] |
| 1949 | Procure 10% MDC, MDRC parts | 8 w | 5/4/99 | 6/29/99 | 1946FS-8 w | As Soon As F | 1.3.5.2.3(.07),1.3.5.2.4(.07) | ETF135[0.1],k$[0.55],k$c[0.09] |
| 1950 | Fabricate 10% MDC, MDRC | 9 w | 6/30/99 | 9/1/99 | 1949 | As Soon As F | 1.3.5.2.3(.03),1.3.5.2.4(.02) | EEF135[0.1],k$[0.23],k$c[0.04] |
| 1951 | 10% MDC, MDRC Fabricated | 0 w | 9/1/99 | 9/1/99 | 1950 | As Soon As | | |

| ID | Task Name | Duration | Start | Finish | Predecessors | Constraint | WB$ | Resource Names |
|---|---|---|---|---|---|---|---|---|
| 1952 | Bench Test 10% MDC, MDRC | 3 w | 9/2/99 | 9/23/99 | 1950 | As Soon As F | 1.3.5.4.6(.33) | k$[0.05],k$c[0.01] |
| 1953 | Install 10% MDC, MDRC | 4 w | 9/17/99 | 10/14/99 | 1952SS+2 w | As Soon As F | | PhysU135,ETU135,EEF135[0.1],ETF135[0.5] |
| 1954 | ***MDC, MDRC Preproduction Testing Complete*** | ***0 w*** | ***10/14/99*** | ***10/14/99*** | ***1953*** | ***As Soon As*** | | |
| 1955 | Procure production MDC, MDRC parts | 12 w | 5/4/99 | 7/28/99 | 1946FS-8 w | As Soon As F | 1.3.5.2.3(.62),1.3.5.2.4(.66) | ETF135[0.1],k$[4.87],k$c[0.76] |
| 1956 | Fabricate production MDC | 13 w | 10/15/99 | 1/31/00 | 1954,1955 | As Soon As F | 1.3.5.2.3(.23),1.3.5.2.4(.19) | EEF135[0.1],k$[1.76],k$c[0.28] |
| 1957 | ***MDC Fabrication Complete*** | ***0 w*** | ***1/31/00*** | ***1/31/00*** | ***1956*** | ***As Soon As*** | | |
| 1958 | Bench test production MDC | 21 w | 2/1/00 | 6/27/00 | 1956 | As Soon As F | | ETU135,EEU135[0.1] |
| 1959 | Fabricate Production MDRC | 10.8 w | 3/1/00 | 5/15/00 | 1954FS+9 w | Start No Earl | | |
| 1960 | ***MDRC Fabrication Complete*** | ***0 w*** | ***5/15/00*** | ***5/15/00*** | ***1959*** | ***As Soon As*** | | |
| 1961 | Bench test production MDRC | 10 w | 4/19/00 | 6/28/00 | 1959SS+7 w | As Soon As F | | |
| 1962 | Install production MDC, MDRC | 13 w | 5/17/00 | 8/17/00 | 1958SS+4 w,1961SS+4 w | As Soon As F | | PhysU135[2],ETU135,EEF135[0.1],PhysF135,ETF135[0.5] |
| 1963 | MDC, MDRC online software | 55 w | 4/20/99 | 5/30/00 | 1945 | As Soon As F | | PhysU135[0.5] |
| 1964 | **Scintillator Electronics: SFE/SRC Cards** | **197 w** | **8/1/96** | **7/28/00** | | **As Soon As** | | |
| 1965 | Design Prototype SFE | 74 w | 8/1/96 | 2/4/98 | | Start No Earl | | EEF135 |
| 1966 | Layout Prototype SFE | 16 w | 2/5/98 | 5/28/98 | 1965 | As Soon As F | | ETF135 |
| 1967 | Fabricate/Assemble Prototype SFE | 20 w | 6/25/98 | 11/13/98 | 1966 | Start No Earl | | ETF135[0.5] |
| 1968 | Test Prototype SFE | 18 w | 11/16/98 | 4/6/99 | 1967 | As Soon As F | | ETF135[0.2],PhysU135[0.2],EEF135[0.2] |
| 1969 | Design Prototype SRC | 16 w | 7/7/98 | 10/27/98 | 1965 | Start No Earl | | EEF135 |
| 1970 | Layout Prototype SRC | 8 w | 10/28/98 | 1/7/99 | 1969 | As Soon As F | | ETF135 |
| 1971 | Fabricate/Assemble Prototype SRC | 20.4 w | 1/8/99 | 6/1/99 | 1970 | As Soon As F | | ETF135[0.5] |
| 1972 | Test Prototype SRC | 19 w | 6/2/99 | 10/14/99 | 1971 | As Soon As F | | ETF135[0.2],PhysU135[0.2],EEF135[0.2] |
| 1973 | ***SFE, SRC Prototypes Complete*** | ***0 w*** | ***10/14/99*** | ***10/14/99*** | ***1972*** | ***As Soon As*** | | |
| 1974 | ***M3-Muon Electronics Prototypes Complete*** | ***0 w*** | ***10/14/99*** | ***10/14/99*** | ***1895,1944,1973,2010*** | ***As Soon As*** | | |
| 1975 | Design SC LED Pulser Prototype | 26 w | 8/3/98 | 2/17/99 | 1965 | Start No Earl | | EEF135 |
| 1976 | Layout SC LED Pulser Prototype | 6 w | 2/18/99 | 3/31/99 | 1975 | As Soon As F | | ETF135 |
| 1977 | Fabricate/Test SC LED Pulser Prototype | 8 w | 8/16/99 | 10/11/99 | 1976 | Start No Earl | | ETF135[0.2],EEF135[0.2],PhysF135[0.2] |
| 1978 | Layout SC LED Pulser | 1 w | 10/12/99 | 10/18/99 | 1977 | Start No Earl | | ETF135 |
| 1979 | Fabricate/Test SC LED Pulser | 38 w | 10/19/99 | 7/28/00 | 1978 | As Soon As F | 1.3.5.3.6 | ETF135[0.2],PhysU135[0.2],EEF135[0.2],k$[0.17],k$c[0.03] |
| 1980 | Final SFE, SRC Design | 28 w | 6/30/99 | 1/31/00 | 1972SS+4 w | As Soon As F | | EEF135 |
| 1981 | Procure Components FY96 | 10 w | 9/27/96 | 12/9/96 | | As Soon As F | 1.3.5.3.2(.26),1.3.5.3.3(.07) | k$[1.1],k$c[0.09] |
| 1982 | Procure Components FY97 | 10 w | 2/28/97 | 5/8/97 | | As Soon As F | 1.3.5.3.2(.15) | k$[0.61],k$c[0.05] |
| 1983 | Procure 100% SFE Components | 12 w | 5/15/98 | 8/10/98 | | Start No Earl | 1.3.5.3.2(.39) | ETF135[0.1],k$[1.58],k$c[0.12] |
| 1984 | Procure 100% SRC Components | 4 w | 7/22/99 | 8/18/99 | 1972FS-12 w | Start No Earl | 1.3.5.3.3(.5) | k$[0.32],k$c[0.04] |
| 1985 | Fabricate, Assemble 10% SFE and SRC Prototypes | 7 w | 7/29/99 | 9/16/99 | 1980SS+4 w | As Soon As F | 1.3.5.3.2(.02),1.3.5.3.3(.10) | ETF135[0.1],k$[0.15],k$c[0.01] |
| 1986 | ***10% SFE, SRC Fabricated*** | ***0 w*** | ***9/16/99*** | ***9/16/99*** | ***1985*** | ***As Soon As*** | | |
| 1987 | Bench Test 10% SFE, SRC | 10 w | 9/17/99 | 11/29/99 | 1986 | As Soon As F | 1.3.5.3.4,1.3.5.4.6(.34) | ETF135,EEF135[0.1],k$[0.13],k$c[0.03] |
| 1988 | Install 10% SFE, SRC | 9 w | 11/12/99 | 1/31/00 | 1987SS+8 w | As Soon As F | | PhysU135,EEF135[0.1],PhysF135,ETF135[0.5] |
| 1989 | ***SFE, SRC Preproduction Testing Complete*** | ***0 w*** | ***1/31/00*** | ***1/31/00*** | ***1988*** | ***As Soon As*** | | |
| 1990 | ***M2-Muon Electronics Preproduction Installation Complete*** | ***0 w*** | ***1/31/00*** | ***1/31/00*** | ***1909,1931,1954,1989*** | ***As Soon As*** | | |
| 1991 | Fabricate Production SFE,SRC | 21 w | 2/1/00 | 6/27/00 | 1987,1980 | As Soon As F | 1.3.5.3.2(.18),1.3.5.3.3(.33) | ETF135[0.3],k$[0.94],k$c[0.08] |
| 1992 | ***SFE,SRC Fabrication Complete*** | ***0 w*** | ***6/27/00*** | ***6/27/00*** | ***1991*** | ***As Soon As*** | | |
| 1993 | Bench test production SFE,SRC | 19 w | 3/14/00 | 7/26/00 | 1991SS+6 w | As Soon As F | | ETF135,EEF135[0.1] |
| 1994 | Install production SFE,SRC | 15 w | 3/28/00 | 7/12/00 | 1993SS+2 w | As Soon As F | | PhysU135,EEF135[0.1],PhysF135,ETF135[0.5] |
| 1995 | SFE,SRC online software | 75 w | 11/16/98 | 5/31/00 | 1968SS | As Soon As F | | PhysU135[0.5] |
| 1996 | **Readout Electronics: MRC/MFC Cards** | **264.4 w** | **9/4/95** | **1/2/01** | | **As Soon As** | | |
| 1997 | Design prototype MRC | 20 w | 9/4/95 | 1/25/96 | | As Soon As F | | EEF135 |
| 1998 | Layout MRC | 12 w | 1/26/96 | 4/18/96 | 1997 | As Soon As F | | ETF135 |
| 1999 | Fabricate/Test prototype MRC | 32 w | 10/23/96 | 6/18/97 | 1998FS+26 w | As Soon As F | | ETF135,EEF135[0.25] |
| 2000 | Design 2nd prototype MRC | 40 w | 5/7/97 | 3/2/98 | 1999FS-6 w | As Soon As F | | EEF135[0.25] |
| 2001 | Layout 2nd prototype MRC | 12 w | 3/3/98 | 5/26/98 | 2000 | As Soon As F | | EEF135[0.1] |
| 2002 | Fabricate/Test 2nd Prototype MRC | 30 w | 5/27/98 | 1/11/99 | 2001 | As Soon As F | | ETF135,PhysF135[0.5] |
| 2003 | ***MRC Prototype Complete*** | ***0 w*** | ***1/11/99*** | ***1/11/99*** | ***2002*** | ***As Soon As*** | | |
| 2004 | Perform System Test - 2nd Prototype MRC | 11 w | 1/12/99 | 3/29/99 | 2003 | As Soon As F | | PhysF135,EEF135[0.1] |
| 2005 | Design Final MRC | 10 w | 1/12/99 | 3/22/99 | 2002 | As Soon As F | | EEF135 |
| 2006 | Procure Production MRC Parts | 10 w | 1/12/99 | 3/22/99 | 2002 | As Soon As F | 1.3.5.4.1(.44) | ETF135[0.1],k$[0.43],k$c[0.07] |
| 2007 | Fabricate Production MRC | 12.6 w | 8/30/99 | 11/29/99 | 2004,2005 | Start No Earl | 1.3.5.4.1(.56) | ETF135[0.3],EEF135[0.1],k$[0.55],k$c[0.09] |
| 2008 | Bench Test Production MRC | 8.4 w | 10/12/99 | 12/10/99 | 2007SS+6 w,2029 | As Soon As F | 1.3.5.4.6(.11) | ETF135,EEF135[0.2],k$[0.02] |
| 2009 | Design 1st Prototype MFC | 52 w | 11/20/96 | 12/9/97 | | Start No Earl | | EEF135 |
| 2010 | Layout/Fabricate 1st Prototype MFC | 44 w | 12/10/97 | 10/29/98 | 2009 | As Soon As F | | ETF135 |
| 2011 | Test 1st Prototype MFC | 8 w | 10/30/98 | 1/11/99 | 2010 | Start No Earl | | ETF135[0.2],PhysU135[0.2],EEF135[0.2] |
| 2012 | Design 2nd Prototype MFC | 32 w | 1/12/99 | 8/25/99 | 2011 | As Soon As F | | EEF135 |
| 2013 | Layout 2nd Prototype MFC | 5 w | 8/26/99 | 9/30/99 | 2012 | As Soon As F | | ETF135,EEF135[0.1] |
| 2014 | Fabricate/Test 2nd Prototype MFC | 7.4 w | 10/1/99 | 11/22/99 | 2013 | As Soon As F | | PhysF135[0.5],ETF135 |
| 2015 | ***MFC Prototype Complete*** | ***0 w*** | ***11/22/99*** | ***11/22/99*** | ***2014*** | ***As Soon As*** | | |
| 2016 | Perform System Test - 2nd Prototype MFC | 12 w | 11/23/99 | 3/1/00 | 2015 | As Soon As F | | PhysF135,EEF135[0.1],ETF135[0.3] |
| 2017 | Design Final MFC | 14 w | 3/2/00 | 6/8/00 | 2016 | As Soon As F | | EEF135 |
| 2018 | Procure Production MFC Parts | 5 w | 8/26/99 | 9/30/99 | 2012 | As Soon As F | 1.3.5.4.2(.7) | ETF135[0.3],k$[0.42],k$c[0.05] |
| 2019 | Fabricate Production MFC | 12 w | 6/9/00 | 9/1/00 | 2017 | As Soon As F | 1.3.5.4.2(.3) | ETF135[0.3],EEF135[0.1],k$[0.18],k$c[0.02] |
| 2020 | Design/Fabricate MFC Tester | 28 w | 8/26/99 | 3/27/00 | 2012 | As Soon As F | 1.3.5.4.8 | k$[0.06],k$c[0.01] |
| 2021 | Bench Test Production MFC | 6 w | 9/5/00 | 10/16/00 | 2019,2020 | As Soon As F | 1.3.5.4.6(.11) | ETF135,EEF135[0.2],k$[0.02] |
| 2022 | Design Prototype TFC | 4 w | 8/26/99 | 9/23/99 | 2012 | As Soon As F | | EEF135 |
| 2023 | Layout/Fabricate Prototype TFC | 8 w | 9/24/99 | 11/18/99 | 2022 | As Soon As F | | ETF135 |

| ID | Task Name | Duration | Start | Finish | Predecessors | Constraint | WB$ | Resource Names |
|---|---|---|---|---|---|---|---|---|
| 2024 | Test Prototype TFC | 16.8 w | 11/19/99 | 3/31/00 | 2023,2016FF | As Soon As I | | PhysU135[0.2],EEF135[0.2],PhysF135,ETF135[0.3] |
| 2025 | ***TFC Prototype Complete*** | ***0 w*** | ***3/31/00*** | ***3/31/00*** | ***2024*** | ***As Soon As*** | | |
| 2026 | Procure Production TFC Parts | 6 w | 9/24/99 | 11/4/99 | 2022 | As Soon As I | 1.3.5.4.5(.62) | ETF135[0.1],k$[0.12],k$c[0.02] |
| 2027 | Fabricate Production TFC | 6.2 w | 4/3/00 | 5/15/00 | 2024,2026 | As Soon As I | 1.3.5.4.5(.38) | ETF135[0.3],EEF135[0.1],k$[0.08],k$c[0.02] |
| 2028 | Bench Test Production TFC | 4 w | 5/16/00 | 6/13/00 | 2027 | As Soon As I | 1.3.5.4.6(.11) | ETF135,EEF135[0.2],ETU135,k$[0.02] |
| 2029 | Design/Fabricate MRC Tester | 26 w | 11/16/98 | 6/2/99 | | Start No Earl | 1.3.5.4.7 | ETF135[0.5],EEF135[0.5],k$[0.05],k$c[0.01] |
| 2030 | Procure CPU Boards-FY98 | 8 w | 8/17/98 | 10/12/98 | | Start No Earl | 1.3.5.4.3(.7) | PhysU135[0.1],k$[1.02],k$c[0.1] |
| 2031 | Procure CPU Boards-FY99 | 8 w | 6/1/99 | 7/27/99 | | Start No Earl | 1.3.5.4.3(.3) | PhysU135[0.1],k$[0.44],k$c[0.04] |
| 2032 | Procure VME Crates FY96 | 8 w | 9/3/96 | 10/28/96 | | Start No Earl | 1.3.5.4.4(.02) | EEF135[0.1],k$[0.06],k$c[0.01] |
| 2033 | Procure VME Crates FY98 | 8 w | 8/17/98 | 10/12/98 | | Start No Earl | 1.3.5.4.4(.98) | EEF135[0.1],k$[2.73],k$c[0.29] |
| 2034 | ***MRC, MFC Production Complete*** | ***0 w*** | ***9/1/00*** | ***9/1/00*** | ***2007,2019*** | ***As Soon As*** | | |
| 2035 | Install and Commission Production MRC, MFC | 12 w | 10/3/00 | 1/2/01 | 2008SS+4 w,2021SS+4 w,2028 | As Soon As I | | PhysU135[2],EEF135[0.1],ETF135[0.5] |
| 2036 | MRC, MFC Online Software | 145 w | 6/19/97 | 5/30/00 | 1999 | As Soon As I | | PhysU135[0.5] |