

# Defining a Schedule for a Job Network

This section covers the following topics:

- Invoking Schedule Definition
- Defining Dates for a Network Schedule
- Schedule Modification and Planned Starts

## Invoking Schedule Definition

- Special PF Keys: Schedule Definition
- Field Descriptions: Schedule Definition

 **To define a schedule for a network**

1. Type **S** in the line command field of the selected network on the Network Maintenance screen.
2. Press Enter.
3. The Schedule Definition screen appears:

```

10.01.02                *** Entire Operations 4.1.1 ***                11:47:40
Owner EXAMPLE                Schedule Definition
Network E50-USRT
-----
Schedule Type ==> M                M Monthly   W Weekly   E Explicit Dates
Calendar      ==> _____
Earliest Start ==> _____   Schedule effective from => _____
Latest Start  ==> _____   ___ days later
Deadline      ==> _____   ___ days later

Number of Activations ==> _____ every ==> _____ minutes

or
Activate at ==> _____
                _____

Command => _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
                Help           End           Save           Cal   Delet           Menu
    
```

4. Enter data for this screen as described below.

## Special PF Keys: Schedule Definition

You can perform the following function from the Schedule Definition screen using this PF key:

Key	Name	Function
PF9	Cal	Displays the calendar linked to this schedule (if defined). The calendar can be modified in Calendar Maintenance.

## **Field Descriptions: Schedule Definition**

The input fields of the Schedule Definition screen are described below:

Field	Description
Schedule Type	Type of schedule. Enter one of the following options and press Enter to open the appropriate window:
	<b>M</b> Days of selected months.
	<b>W</b> Weekdays of selected months.
	<b>E</b> Explicit dates.
	When you first define the schedule, the value that appears here has the following meaning:
	- (no value) No data for the schedule are available.
	<b>M</b> <b>Monthly</b> data are available for the schedule, and <b>explicit</b> data could also be available.
	<b>W</b> <b>Weekly</b> data are available for the schedule, and <b>monthly</b> or <b>explicit</b> data could also be available.
	<b>E</b> <b>Only explicit</b> data are available for the schedule.
Calendar	Enter the name of the calendar on which the schedule is based. To display a selection list of available calendars, type in an asterisk * and press Enter. Select a calendar from the list. See the subsection Using Calendars and the section Calendar Maintenance.
Earliest Start	Enter the earliest start time for the network. No job in the network can start before this time. The Earliest Start Time is used to compute network schedule times.
Latest Start	Enter the latest start time for the network. The first job in the network must start by this time, if possible. If not, a warning message is sent and the job is not submitted.
Deadline	Enter the time by which the last job in the network must be finished. The Deadline is used to compute the earliest and latest start times for the jobs in the network.
days later	You can use this field for Latest Start and Deadline to define a time span lasting longer than 24 hours.
	<b>Note:</b> If Latest Start or Deadline is before the Earliest Start and their "days later" fields are empty, the "days later" value of Earliest Start (or the following day, if necessary) is used for the Latest Start and Deadline "days later" fields.
Schedule effective from	If the schedule should not become effective immediately, enter the time at which it should become effective.
Number of Activations	This field should only be used, if the network is to be started more than once a day. In this case, please enter the number of activations per day. If the network is to run once per schedule day only, leave this field blank. 999 Activations may be defined as a maximum.
Every ... Minutes	If a network is to run more than once per day, you can enter the time interval between 2 subsequent network activations. This field can be used without Number of Activations, too. In this case, the number of activations will be limited by the defined latest network start time. Unit: minutes.

## Defining Dates for a Network Schedule

- Monthly Schedule
- Weekly Schedule
- Explicit Date Schedule

1. Enter a Schedule Type parameter (**M**, **W** or **E**).
2. Press Enter.
3. A window opens in which you can enter dates for the Schedule Type selected.

### Monthly Schedule

If you select type **M** (Days of a Month), you can specify months and days by entering numerical identifiers. Alternatively, you can specify **AL** for all months and **LD** for the last day of the month.

Below is an example of a schedule defined by days of the month:

```

25.09.01          *** Entire Operations 4.1.1 ***          13:49:49
Owner EXAMPLE          Schedule Definition
Network E50-USRT
-----
Schedule Type ==> m          M Monthly   W Weekly   E Explicit Dates
+-----+-----+-----+-----+-----+-----+-----+-----+
!                                     !
!          Monthly Schedule Definition          !
!                                     !
! Month List ==> _1 _4 _7 10  _ _ _ _ _ _ _ _ _ _ !
!                                     !
! Day List   ==> 15A LD_  _ _ _ _ _ _ _ _ _ _ _ _ !
!                                     !
!           ==> _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ !
!           ==> _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ !
!                                     !
! PF1 Help   PF3 End          !
!                                     !
+-----+-----+-----+-----+-----+-----+
Command => _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help       End       Save       Cal   Delet       Menu
    
```

The network with this schedule is activated every fifteenth and last working day of the months January, April, July and October of the year.

The days entered here are correlated with the list of months. A day can be followed by a letter with a special meaning:

<b>A</b>	next workday, if holiday	<b>V</b>	workday of month, counted backwards from end of month
<b>B</b>	previous workday, if holiday	<b>W</b>	workday of month

### Examples:



**Examples:**

Column	Description
1	Monday.
1A	Monday, but the next workday, if Monday is a holiday.
2V	The second-last workday of the week.

**Explicit Date Schedule**

If you select type **E** (Explicit Dates), you can specify dates in the same format as in the headings section of the screen (top left corner).

Below is an example of a schedule defined by explicit dates:

```

25.09.01          *** Entire Operations 4.1.1 ***          14:17:40
Owner EXAMPLE          Schedule Definition
Network E50-USRT
-----
Schedule Type ==> e          M Monthly   W Weekly   E Explicit Dates
+-----+
!                               !
!          Explicit Dates Schedule Definition          !
!                               !
! 17.06.02- 23.12.02- _____ _____ _____ _____ !
! _____ _____ _____ _____ _____ _____ !
! _____ _____ _____ _____ _____ _____ !
!                               !
! PF3 End          !
!                               !
! _____ _____ _____ _____ _____ !
+-----+
Command => _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help          End          Save          Cal   Delet          Menu
    
```

The network with this schedule will be activated on the 17th of June and the 23rd of December 2002, without a calendar check. The date can be followed by an **A** or a **B** to enable execution on the workday before (**B**) or after (**A**) a holiday in the Calendar entered on the Schedule Definition screen.

You can also use the explicit date schedule to prevent the activation of the network on a particular date. For example, if you have scheduled the network for every Thursday of every month but do not wish the network to run on Thursday, the 23rd of December:

1. Enter the date here followed by a minus sign (23.12.02-).
2. Press Enter to save the date specification.
3. Press PF3 (Exit) to close the window.
4. Press PF5 (Save) to save the schedule and PF3 (Exit) to return to the Network Maintenance screen.

**Note:**

If you define a **past date** as an explicit date, a warning message appears.



```

25.09.01          *** Entire Operations 4.1.1 ***          10:58:28
Owner EXAMPLE          Schedule Definition
+-----+
- !
!           Owner EXAMPLE          Network E50-USRT          !
!
! The following planned starts would be cancelled due to your schedule modification:
!
!           +-----+
!           ! Please confirm
!           ! Start Cancel of E50-USRT (142)
!           ! by entering E50-USRT
!           !           ==> _____
!           ! PF3 End
!           +-----+
!
!
!
!
E ! PF5 Cancel   PF6 Do not cancel          !F9---PF10--PF11--PF12---
+-----+al                                     Menu
    
```

## Keeping Planned Starts

 **To keep all listed starts active, regardless of schedule modifications you have made**

- Press PF6 (Do not cancel).