

# 1 Setting of Task Dates Fields explained

Why can I not (directly) update (all) Task Date Fields?

# Introduction

2

- ❑ LYNX keeps track of the following Task Date Fields (Start + Stop):
  - ❑ Scheduling Dates: Set or “owned” by LYNX / Indirectly Controlled by the User:
    - Baseline Date Fields
    - Scheduled (or expected) Date Fields
    - Actual Start/Stop Date Fields
  - ❑ Directly Controlled by a user: Task Constrained Date Fields, like:
    - Start-no-earlier-than (SNET)
    - Finish-no-later-than (FNLT)
  
- ❑ Guidelines:
  - ❑ Start-no-earlier Constraints work well when scheduling direction for a “chain” is ASAP (Forward)
  - ❑ Finish-no-later-than Constraints work well when scheduling direction is ALAP (Backward)
  - ❑ Less Constraints would be needed if any task has a predecessor and successor

# About LYNX Scheduling Dates

3

- ▣ Set by the LYNX Scheduling Engine, considering:
  - ▣ Current Date
  - ▣ Scheduling Engine which is activated
  - ▣ Scheduling Direction of Critical Chain and/or Feeding Chains:
    - ASAP (Forward)
    - ALAP (Backward)
  - ▣ Scheduling Optimization for determining the earlies/fastest completion date
  
- ▣ Scheduling Dates are “Indirectly” controlled by a user:
  - ▣ Through setting the Project Start and/or Project End-date
  - ▣ Selection of scheduling direction

# Examples

4

- ▣ When project status is: “Not Started”
- ▣ When project status is: “Released”
- ▣ When date has progress with + 6 days + Task 2 is started

# Project Status is “Not Started”

## Task Properties

**Task status** [start\\_group](#)

Not started  
 Started  
 Paused  
 Completed

Messages (0) | General | **Constraint** | Dates | Resource requirements | Dependencies | Custom fields | Visual | Tracking | Workpackage

Constraint: Start no earlier than  
 Date: Mon 27 Nov  
 Deadline:   
[use scheduled date](#)

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My activities | Messages (25) | Project portfolio | Active tasks | Assignments | Reporting | **TR01 - LYNX Scheduling Data E..**

View: Design view | Date: 20/11/2023

#	ID	Name	Prj duration	Constraint	Constraint date	Start	Stop	Expected start	Expected stop
1	TR01-T1	Task 1	10 days	Start no earlier than	Mon 27 Nov	Mon 27 Nov 9:00	Fri 8 Dec 1...		
2	TR01-T2	Task 2	5 days	None		Mon 20 Nov 9:00	Fri 24 Nov...		

Calendar view: W47/2023 (20-26), W48/2023 (27-03), W49/2023 (04-09)

Controlled by the User

Set by LYNX Baseline Dates

Set by LYNX Scheduled Dates

## Task Properties

1 | TR01-T1 | Task 1

**Task status**

Not started  
 Started  
 Paused  
 Completed  
 Aborted

Messages (0) | General | **Constraint** | Dates | Resource requirements | Dependencies | Custom fields

start date: Baseline 27/11/2023  
 end date: 08/12/2023  
 Scheduled:   
 Actual:

Set by LYNX once the project is released!

# Project Status is “Released”

6

The screenshot shows the LYNX Scheduling Data Editor interface. At the top, there are navigation tabs: My activities, Messages (25), Project portfolio, Active tasks, Assignments, Reporting, and TR01 - LYNX Scheduling Data E.. Below the tabs is a toolbar with icons for Save, Goto, Print, Resource load, and Properties. A search bar is located on the right. The main area displays a table of tasks and a Gantt chart. The table has columns for #, ID, Name, Buffers, Prj duration, Constraint, Constraint date, Start, Stop, Expected start, and Expected stop. The Gantt chart shows a timeline for Dec 2023 with weeks W47, W48, W49, and W50. A red box highlights the 'Expected start' and 'Expected stop' dates for Task 1 in the table, which correspond to the task bar in the Gantt chart.

#	ID	Name	Buffers	Prj duration	Constraint	Constraint date	Start	Stop	Expected start	Expected stop
1	TR01-T1	Task 1	0% n/a	10 days	Start no...	Mon 27 Nov	Mon 27 Nov 9:00	Fri 8 Dec 1...	Mon 27 No...	Fri 8 Dec 17:00
2	TR01-T2	Task 2	0% n/a	5 days	None		Mon 20 Nov 9:00	Fri 24 Nov...	Mon 20 No...	Fri 24 Nov 17:00
3		Project buffer	0% n/a	5 days	None		Mon 11 Dec 9:00	Fri 15 Dec...	Mon 11 De...	Fri 15 Dec 17:00

LYNX saves the Baseline Dates, upon Release Date of the project

The screenshot shows the 'Task 1' properties dialog box, specifically the 'Dates' tab. It displays the 'Task status' on the left, which is set to 'Not started'. The 'Dates' tab shows the 'Baseline' start date as 27/11/2023 and end date as 08/12/2023. The 'Scheduled' start date is also 27/11/2023 and end date is 08/12/2023. The 'Actual' start and end dates are empty. A yellow box highlights the 'Scheduled' dates, and a blue arrow points from the text box to the 'Baseline' dates.

Task status	start date	end date
Not started	Baseline 27/11/2023	08/12/2023
Started	Scheduled 27/11/2023	08/12/2023
Paused	Actual	
Completed		
Aborted		

Scheduled Dates are automatically set by the LYNX Scheduler

# Scheduled Dates are “Dynamic”

*Current Date = +6 days / Task 2 = Started*

**Actual Start date is set once Task is started (can be updated by the users)**

#	Prj duration	Constraint	Constraint date	Start	Stop	Expected start	Expected stop	Actual start	Actual stop
1	10 days	Start no...	Mon 27 Nov	Mon 27 Nov 9:00	Fri 8 Dec 1...	Tue 28 Nov...	Mon 11 Dec 17:00		
2	5 days	None		Mon 20 Nov 9:00	Fri 24 Nov...	Tue 28 Nov...	Mon 4 Dec 17:00	Mon 27 Nov 8:30	
3	5 days	None		Mon 11 Dec 9:00	Fri 15 Dec...	Mon 11 De...	Fri 15 Dec 17:00		

**Scheduled Dates are automatically updated considering + 6 days**

**Actual Start date is set once Task is started (can be updated by the users)**

**Actual Start date is set once Task is started (can be updated by the users)**

**Tuesday, 28 November 2023 08:46:09**