## File INSPECTOR TOOLS REFRESH ANALYZER REPORT

 $\checkmark$  1-Summary No Milestone  $\checkmark \rightarrow$  4-Dependencies

# fastProject Analyzer version 3.0

Analyzer ~

 3-Future Constraints
 ~

 0%
 6-Not Updated

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## RESOURCES Task



## Extended Tests ~

Show Preds and Succs

## **Analyzer Released September 2022**

- Core tests that are essential for proper critical path get a pass or fail rating. They must all pass to achieve an overall schedule Pass.
- Additional tests added (under Extended tests)
  - Time permitting, those tests identified as a problem should be fixed
- Optimized to run faster
- Increased the number of problems that can be automatically fixed via the dropdown to each test
- Some problems are now automatically fixed when the Analyzer is run:
  - Manual/Split tasks
  - Updated in the Future
  - Durations in anything but days gets converted to days
  - Duplicate dependencies deleted (with the option of turning this off through fastProject Options)

## Why run the Analyzer?

To ensure a correct Critical Path (per CPM best known practice) in order to

- Predict a project's end-date based on team's current outlook
- Understand the gap between the Target date and the Project Milestone date and what is driving that gap
  - Knowing this ahead of time gives you more time to close the gap
- To preserve the integrity of the Critical Path
  - Any "mistake" in the schedule can corrupt the "true" critical path
  - The wrong Critical Path means:
    - Wrong end dates are reported
    - The team is focused on the wrong thing
    - Inability to accelerate
    - The the integrity of the planning process is compromised

# Why make a Critical Path schedule?

...to find the critical path driving the end date, why is this important?

...to know what to pull-in today in order to accelerate, why accelerate?

...because

- you have to accelerate to bank time
- you have to accelerate before you slip
- you have to accelerate just to be on time



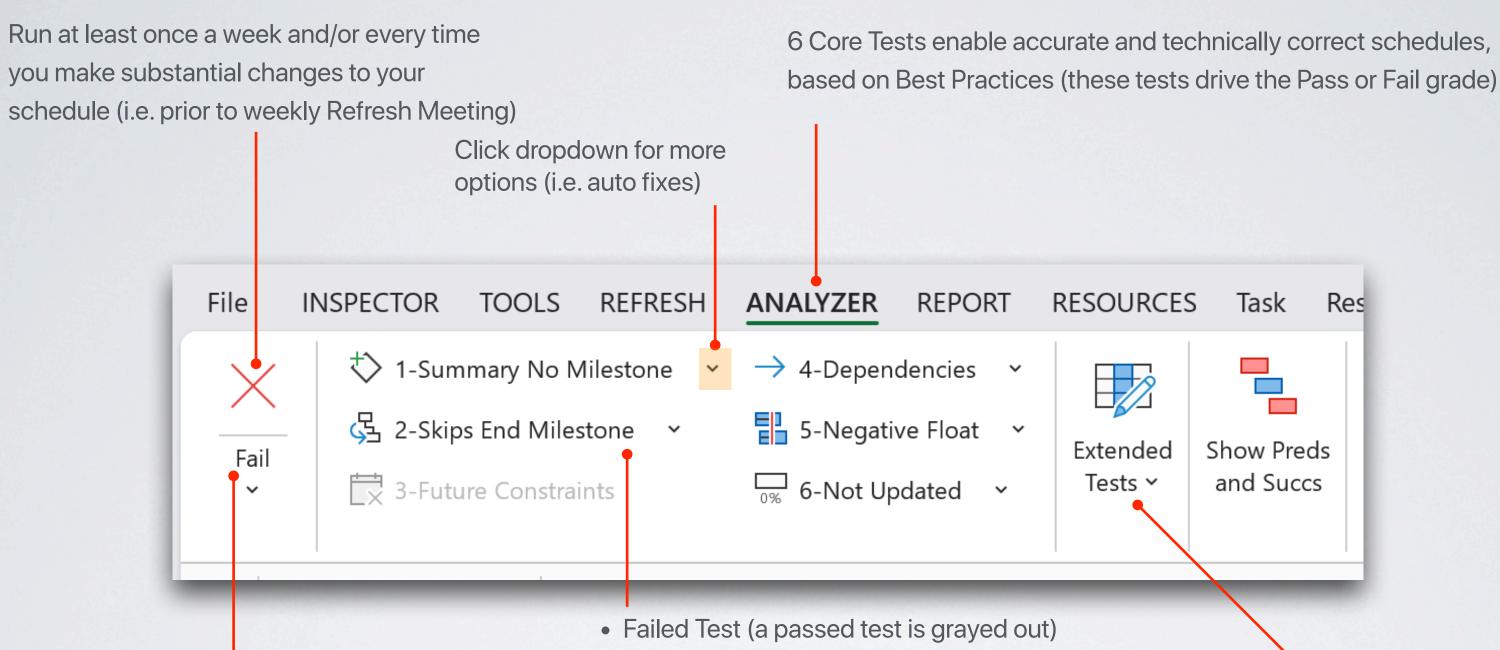
# But what if the critical path is wrong?

...you can't bank time
...you can't pull-in before you slip
...you can't pull-in after you slip
...you don't know where you are
...you can't use it to predict when you will finish

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- The purpose of the Analyzer is to get an accurate schedule with a contiguous critical path from today to the end of the project
- The majority of the projects we see don't have a good critical path and therefore cannot be used to accelerate a project or predict when it will be finished with any degree of accuracy

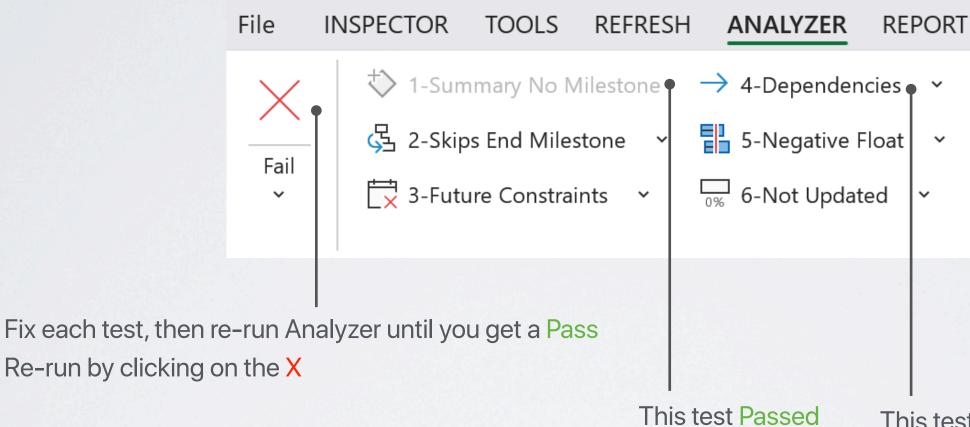


Your Score; Pass or Fail goal is to Pass every week

- Fix and then re-run Analyzer until all tests pass
- Fix in the order of the test, starting at #1 (some of the earlier tests will correct later ones)

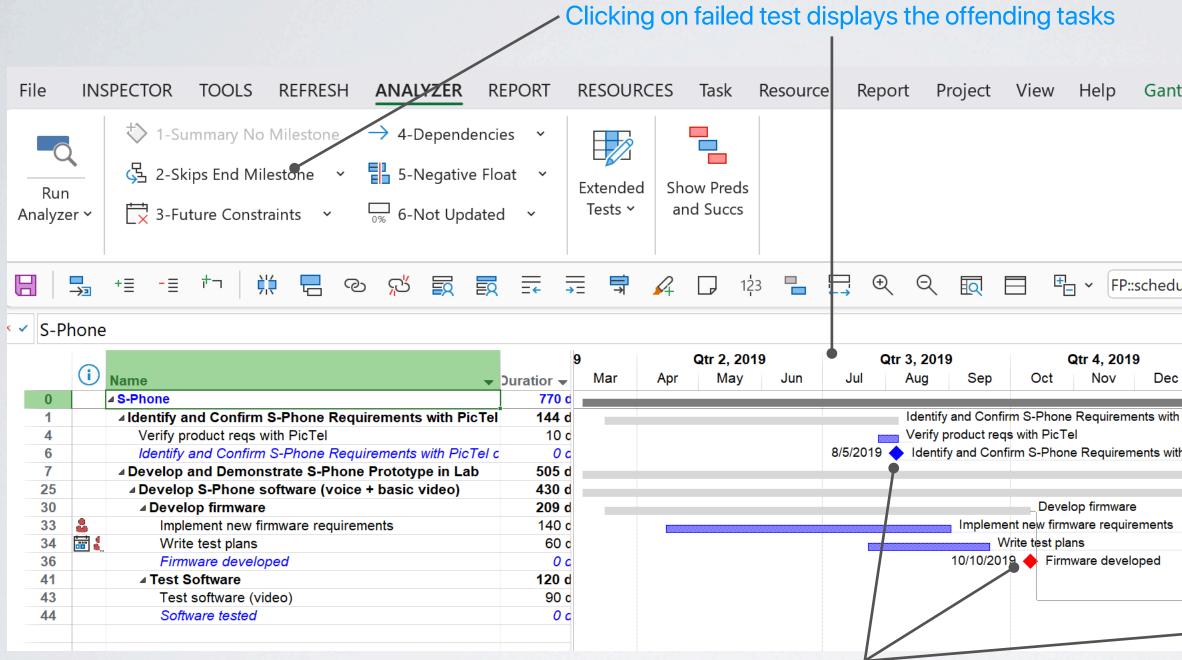
Extended Tests should also be fixed, yet these do not contribute to the Pass/Fail score

## Fail & Pass



This test Failed

## How to filter out the tasks involved in failed test



Each of these milestones skip the last milestone in their group hierarchy

## Gantt Chart Format $\mathcal{P}$ Tell me what you want to do

| ule ar 🖌 🔝 戻 👻 |
|----------------|
|----------------|

|     | <b>Qtr 1, 2020</b><br>Jan Feb Mar |            | <b>2, 2020</b><br>⁄/ay | )<br>Jun     | Jul      | Qtr 3<br>A |
|-----|-----------------------------------|------------|------------------------|--------------|----------|------------|
| Pic | :Tel                              |            |                        |              |          | _          |
| h P | cTel completed                    |            |                        |              |          |            |
|     | ·                                 |            |                        |              |          | Develc     |
|     |                                   |            | Develop                | o S-Phone    | software | (voice     |
|     |                                   |            |                        |              |          |            |
|     |                                   |            |                        |              |          |            |
|     |                                   |            |                        |              |          |            |
|     |                                   | 1          | Test So                |              |          |            |
|     |                                   |            | Test so                | ftware (vide | eo)      |            |
|     | 3/8/2020 🔶 Softw                  | are tested |                        |              |          |            |
|     |                                   |            |                        |              |          |            |
|     |                                   |            |                        |              |          |            |

# Core Tests

| Run<br>Analyzer ~ | ☆ 1-Summary No<br>ふ<br>2-Skips End Mi<br>ズ<br>3-Future Const | lestone ~ | tive Float 🛛 🗸 | Extended<br>Tests Y | Show Pre<br>and Suc |
|-------------------|--|-----------|----------------|---------------------|---------------------|
|                   |  |           |                |                     |                     |

Must re-run the Analyzer, until all tests are grayed out. Non-gray tests indicate the test failed and need to be fixed.

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|   |   | 9      | Qtr 2, 2019 |       |         | Qtr 3, 2019      |             |            | Qtr 4, 2019 |             |              |       |
|---|---|--------|-------------|-------|---------|------------------|-------------|------------|-------------|-------------|--------------|-------|
| Name 👻  | Duratior 👻  | Mar    | Apr         | May   | Jun     | Jul              | Aug         | Sep        | Oct         | Nov         | Dec          |       |
| Identify and Confirm S-Phone Requirements with PicTe  | l 144 d   |        |             |       |         |                  | Identify    | and Confir | m S-Phone   | e Requirem  | ents with Pi | icTel |
| Get PicTel reqs   | 104 d   |        |             |       |         | Get PicTel       |             |            |             |             |              |       |
| Translate PicTel reqs into product reqs   | 30 c  |        |             |       |         |                  | Translate P |            |             |             |              |       |
| Verify product reqs with PicTel   | 10 d  |        |             |       |         |                  |             |            | s with PicT |             |              |       |
| Establish change management procedure   | 60 c  |        |             |       |         |                  | Establis    | h change r | nanagemei   | nt procedur | re           |       |
|   |   |        |             |       |         |                  | Mis         | sing r     | nilest      | one         |              |       |
| INSPECTOR TOOLS REFRESH ANALY   | ZER REI   | PORT   | RESOU       | RCES  | Task    | Resource         | e Rep       | ort P      | roject      | View        | He           |       |
| $ \qquad \qquad$ | -Dependen   | cies ~ |             | R     |         |                  |             |            |             |             |              |       |
| Add Milestones To Summaries With N  | $\red{linesconductory}$ Add Milestones To Summaries With No End Milestone |        |             |       |         |                  | nmaries r   | nissing a  | in end m    | nilestone   | J            |       |
|   | -Not Updat  | ed Y   | Tes         | sts ~ | and Suc | <sup>cs</sup> Fi | x, to c     | reate      | "work       | <-pac       | kage"        |       |

| 9         | )   |   | Qtr 2, 20   | 19   |   | Qtı   | · 3, 2019   | )  |  | Qtr 4, 201   | 9  |   | Qtr 1, 2  |
|-----------|---|---|---|--|---|---|---|--|--|--|--|---|---|
| uratior 👻 | Mar   | Apr   | May   | Jun  | Jul   |   | Aug   | Sep  | Oct  | Nov  | Dec  | Jan   | Feb   |
| 144 d     |   |   |   |  |   |   | Identify  | and Conf   | irm S-Phone  | Requirem   | ents with P  | cTel  |   |
| 104 d     |   |   |   |  | Get PicTe                                     | el re   | qs  |  |  |  |  |   |   |
| 30 d      |   |   |   |  | -<br>+  | <sub>–</sub> Тг   | anslate P   | icTel reqs   | s into produc  | ct reqs  |  |   |   |
| 10 d      |   |   |   |  |   | -   | Verify p  | roduct red   | qs with PicT   | el   |  |   |   |
| 60 d      |   |   |   |  |   |   | Establis  | h change   | manageme   | nt procedur  | e  |   |   |
| 0 с       |   |   |   |  | 8/5/201                                       | 9   | Identify  | and Con  | firm S-Phor  | e Requiren   | nents with F   | PicTel comp   | pleted  |
|           | <b>144 d</b><br>104 c<br>30 c<br>10 c<br>60 c | <b>144 d</b><br>104 c<br>30 c<br>10 c<br>60 c | uratior →         Mar         Apr           144 d | uratior →         Mar         Apr         May           144 d         104 c         -          -         - | <b>144 d</b><br>104 c<br>30 c<br>10 c<br>60 c | uratior → Mar Apr May Jun Jul<br>144 d<br>104 c<br>30 c<br>10 c<br>60 c | uratior → Mar Apr May Jun Jul<br>144 d<br>104 c<br>30 c<br>10 c<br>60 c | uratior     Mar     Apr     May     Jun     Jul     Aug       144 d     Identify       10 c     Get PicTel reqs       60 c     Establisition | uratior →     Mar     Apr     May     Jun     Jul     Aug     Sep       144 d     Identify and Conf       104 c     Get PicTel reqs       30 c     Translate PicTel reqs       10 c     Establish change | uratior     Mar     Apr     May     Jun     Jul     Aug     Sep     Oct       144 d     Identify and Confirm S-Phone       104 c     Get PicTel reqs       30 c     Translate PicTel reqs into product       10 c     Verify product reqs with PicT       60 c     Establish change management | uratior     Mar     Apr     May     Jun     Jul     Aug     Sep     Oct     Nov       144 d     Identify and Confirm S-Phone Requirem       104 c       30 c       10 c       60 c | uratior ↓       Mar       Apr       May       Jun       Jul       Aug       Sep       Oct       Nov       Dec         144 d       Identify and Confirm S-Phone Requirements with Pit       Identify and Confirm S-Phone Requirements with Pit         104 c       Get PicTel reqs       Translate PicTel reqs into product reqs         10 c       Verify product reqs with PicTel         60 c       Establish change management procedure | uratior       Mar       Apr       May       Jun       Jul       Aug       Sep       Oct       Nov       Dec       Jan         144 d       Identify and Confirm S-Phone Requirements with PicTel       Identify and Confirm S-Phone Requirements with PicTel       Get PicTel reqs         30 c       Translate PicTel reqs       Verify product reqs with PicTel         60 c       Establish change management procedure |

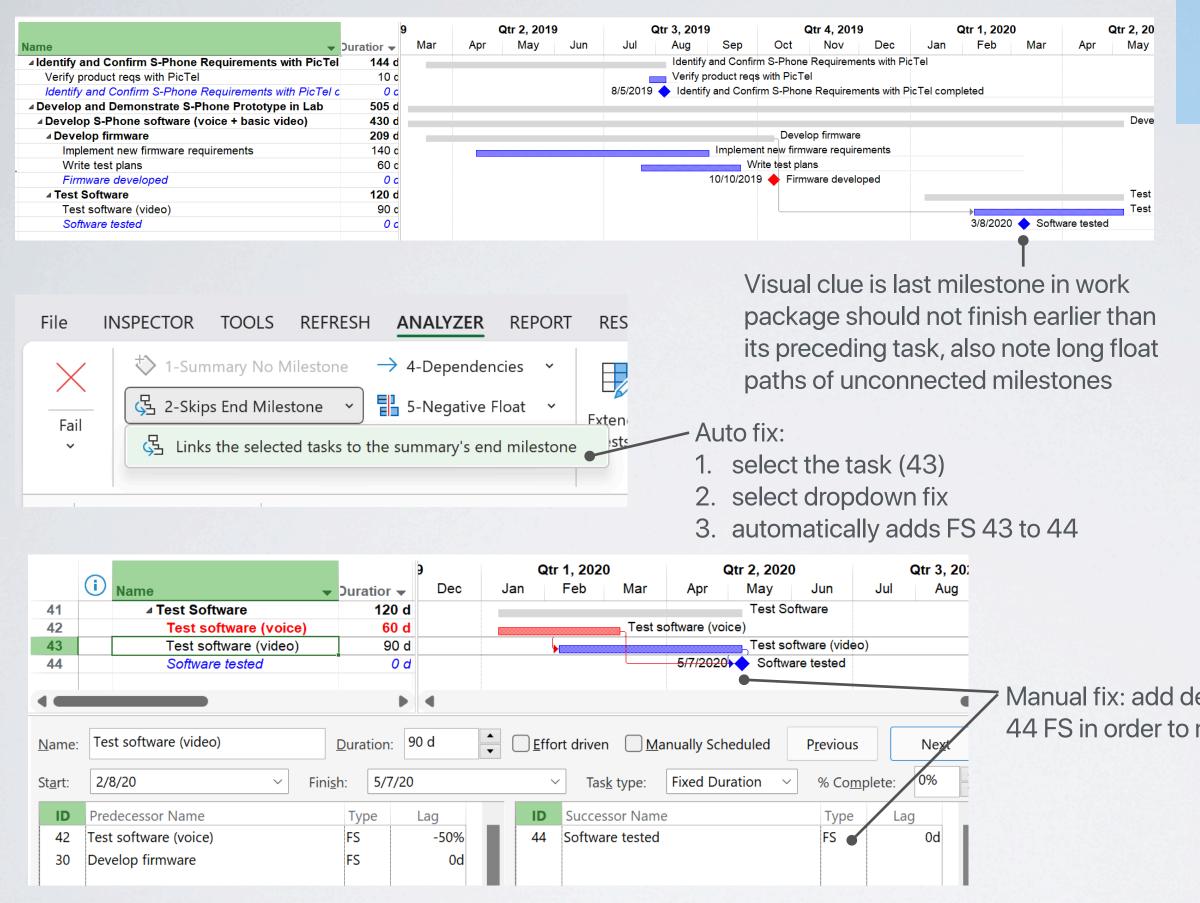
A Work Package is a summary, subtasks which conclude with a milestone

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- Adds a new milestone at the correct indentation level and adds the correct predecessors and successors
- Will auto name the milestone (past tense) based on the name of the summary

## 1. Summary no milestone

• This can reveal structural problems in the schedule whilst also indicating the subtasks under a summary were not determined "with the end in mind." By first defining the end state of a work package using doneness criteria, subtasks can then be better defined. • Also used during Updating to determine if all the preceding tasks are complete and for linking between work packages.

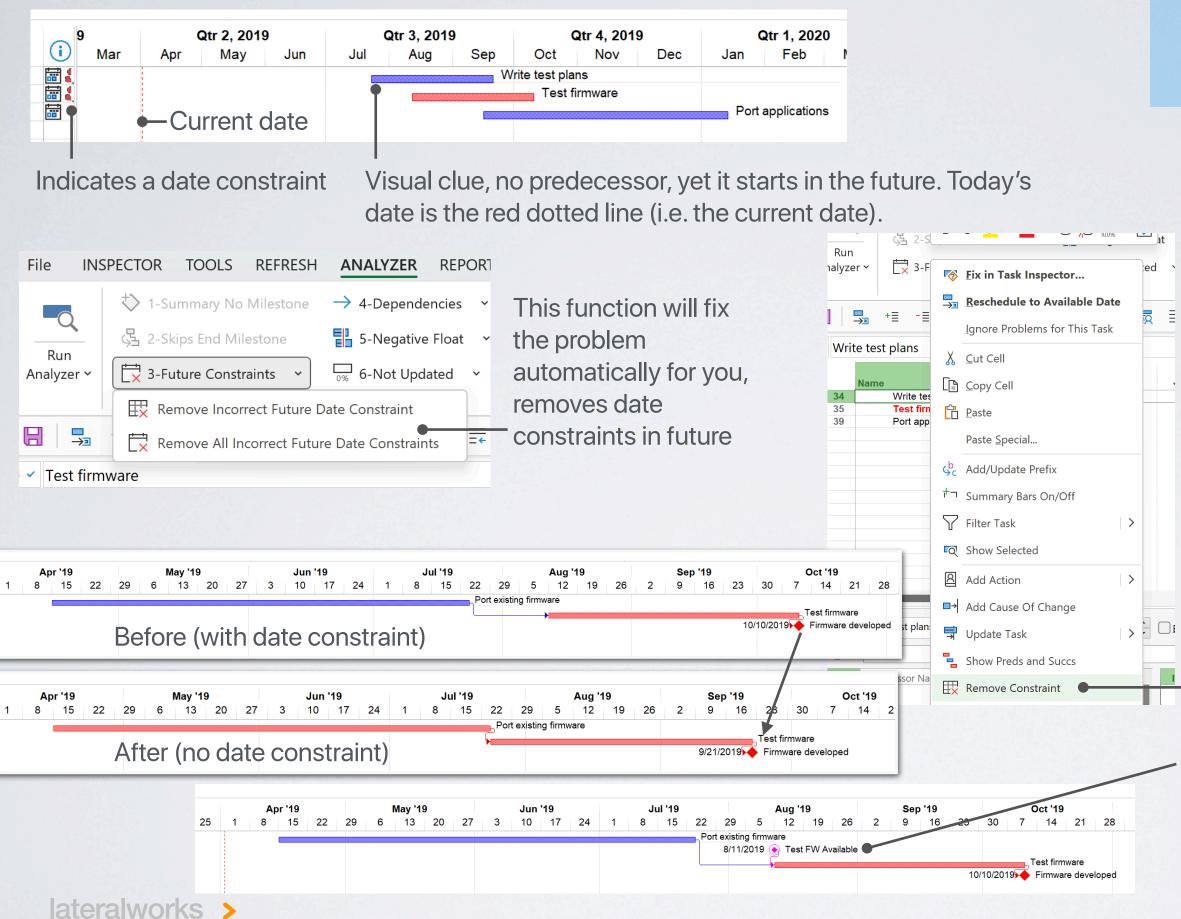


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## 2. Skips end milestone

- Can indicate structural problems with the schedule and the need to relocate task(s) to another work package.
- Check the doneness criteria to determine if the task should be linked to the end milestone or whether it should be moved.
- This test can distort the critical path because the milestone at the end of the work package is not finishing when it should.

Manual fix: add dependency – in this example, task 43 to 44 FS in order to make the work package complete



## 3. Future constraints

- Date constraints in the future prevent a schedule from moving back and forth.
   When this happens, they can't be used to assess the health of a project or provide an early warning.
- Date constraints can also distort the critical path.

## Right-mouse click on the task

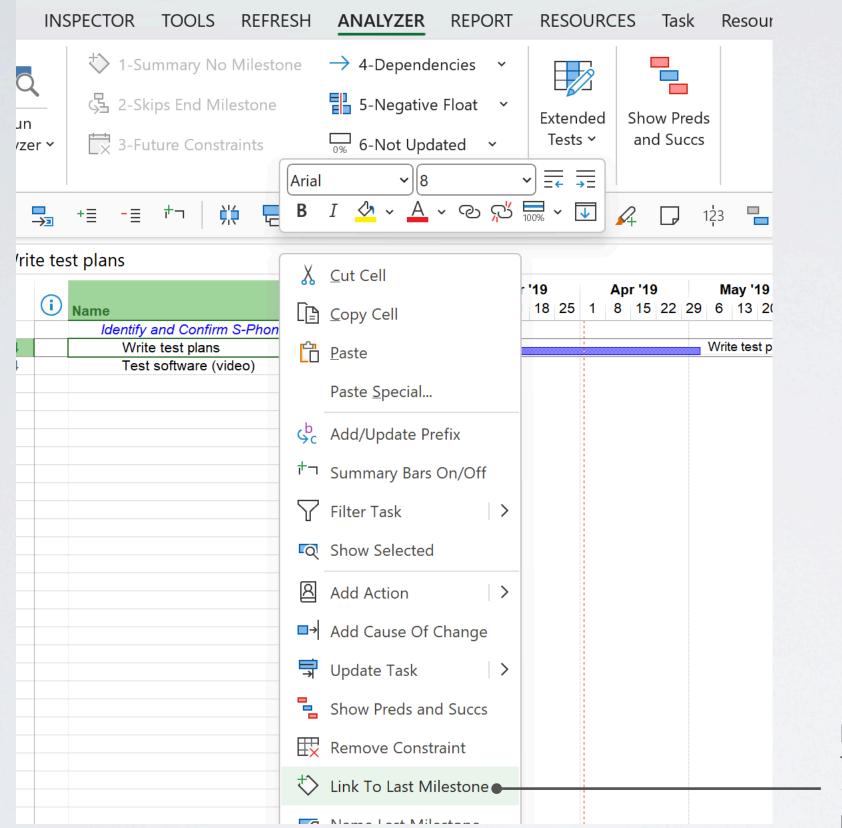
Note: If you have an external input to your project that you don't control (i.e. delivery of equipment from a supplier), use a "Touchpoint" milestone with a date constraint, then connect your tasks to this milestone. The Analyzer will ignore this future constraint if it is a Touchpoint or a Checkpoint.

|                 |  |      | tr 1, 201 | 9    | Qtr 2, 2019      |           | Qtr 3, 2019 |         | Qtr 4, 2019       |             | Qtr 1, 2020 |              | D            | Qtr 2, 2020 |              |            |            |     |              |     |
|-----------------|--|------|-----------|------|------------------|-----------|-------------|---------|-------------------|-------------|-------------|--------------|--------------|-------------|--------------|------------|------------|-----|--------------|-----|
|                 | Name   | Jan  | Feb       | Mar  | Apr              | May       | Jun         | Jul     | Aug               | Sep         | Oct         | Nov          | Dec          | Jan         | Feb          | Mar        | Apr        | May | Jun          | JL  |
| 6               | Identify and Confirm S-Phone Requirement.                |      |           |      |                  |           |             | 8/6/201 | 9 🔶 Identi        | fy and Cont | firm S-Phor | ne Requirer  | ments with F | PicTel com  | oleted       |            |            |     |              |     |
| 22              | Preliminary hardware developed                           |      |           |      |                  |           |             | 8/13/2  | 019 🔶 Pre         | liminary ha | rdware dev  | eloped       |              |             |              |            |            |     |              |     |
| 29              | Protocol software developed                              |      |           |      |                  |           |             |         |                   |             |             |              | 1/8/2020     | 0 🔶 Proto   | ocol softwar | e develope | d          |     |              |     |
| 33              | Implement new firmware requirements                      |      |           |      |                  |           |             |         |                   | Impleme     | nt new firm | nware requir | ements       |             |              |            |            |     |              |     |
| 34              | Write test plans   |      |           |      |                  | Write tes | st plans    |         |                   |             |             |              |              |             |              |            |            |     |              |     |
| 44              | Test software (video)                                    |      |           |      |                  |           |             |         |                   |             |             |              |              |             |              |            |            |     | ftware (vide | eo) |
| 45              | Software tested  |      |           |      |                  |           |             |         |                   |             |             |              |              |             | 3/8/2020     | 🔶 Softw    | are tested |     |              |     |
|                 |  |      |           |      |                  |           |             |         |                   |             |             |              |              |             |              |            |            |     |              |     |
| •               |  | •    |           |      |                  |           |             | /       |                   |             |             |              |              |             |              |            |            |     |              |     |
| <u>N</u> ame:   |  |      |           |      |                  |           |             |         |                   |             |             |              |              |             |              |            |            |     |              |     |
| St <u>a</u> rt: | 4/15/19 ~ Fini <u>s</u> h: 9/                            | 1/19 |           | ~    | Tas <u>k</u> typ | be: Fixe  | d Duratio   | on ~    | % Co <u>m</u> ple | te: 0%      | ▲<br>▼      |              |              |             |              |            |            |     |              |     |
| <b>ID</b><br>31 | Predecessor Name Type Procure development environment FS | Lag  | 0d        | ID S | Successor        | Name      |             |         | Туре              | Lag         |             |              |              |             |              |            |            |     |              |     |

|                 |  |                                   |   |               | ANALYZER REPORT RESOURCES Task Resour   |  |  |  |  |  |  |
|-----------------|--|-----------------------------------|---|---------------|---|--|--|--|--|--|--|
| J               |  | <b>Qtr 2, 2019</b><br>Apr May Jun | <b>Qtr 3, 2019 Qtr 4, 2019</b><br>Jul Aug Sep Oct Nov Dec J |               | $\rightarrow$ 4-Dependencies $\checkmark$ $\square$ |  |  |  |  |  |  |
| 33              | Name<br>Implement new firmware requirements                            |                                   | Jul Aug Sep Oct Nov Dec C                                   |               | · · · · · · · · · · · · · · · · · · ·   |  |  |  |  |  |  |
| 35              | Test FW Available  |                                   | 8/11/2019 💽 Test FW Available                               |               | $^{\dagger}$ Show Only Tasks With Summary Dependencies $>$  |  |  |  |  |  |  |
| 36              | Test firmware  |                                   | Test firmware   |               |   |  |  |  |  |  |  |
| 37              | Firmware developed   |                                   | 10/31/2019 Firmware developed                               |               |   |  |  |  |  |  |  |
| •               | • • •  | 4                                 |   |               |   |  |  |  |  |  |  |
| <u>N</u> ame    |  |                                   |   |               |   |  |  |  |  |  |  |
| St <u>a</u> rt: | 4/15/19 ∨ Fini <u>s</u> h: 9/1   | 1/19 ~                            | Tas <u>k</u> type: Fixed Duration ~ % Co <u>m</u> plete:    |               |   |  |  |  |  |  |  |
| <b>ID</b><br>31 | Predecessor Name     Type       Procure development environment     FS |                                   | Successor Name Type Lag                                     | A successor w | as added, now on Critical Path  |  |  |  |  |  |  |

## 5. Dependencies

- Missing dependencies prevents the critical path flowing through subtasks of the WBS hierarchy.
- This limits pull-in opportunities and can cause negative float in some conditions.



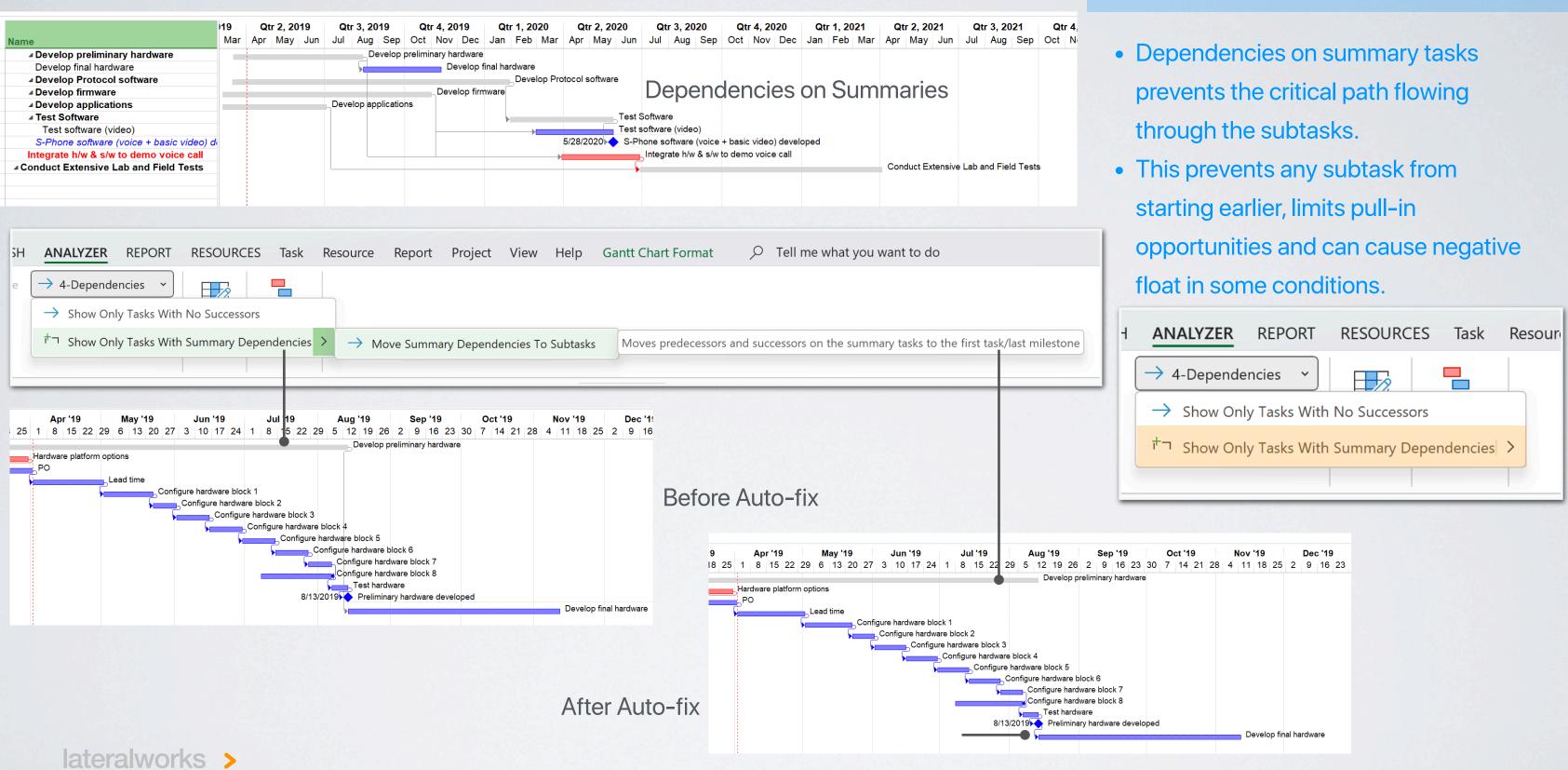
Hint: if a task doesn't link to another subtask within the work package, but belongs within the work package, highlight the task with a missing successor, right mouse click and select "Link to Last Milestone". This will automatically link it to the last milestone in the work package.

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## 5. Dependencies

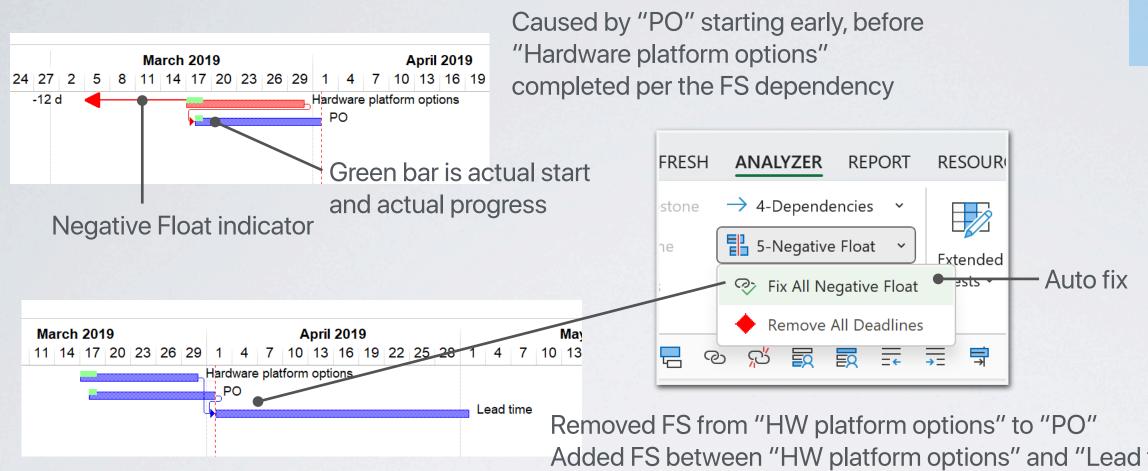
- Missing dependencies prevents the critical path flowing through subtasks of the WBS hierarchy.
- This limits pull-in opportunities and can cause negative float in some conditions.

| Н | ANALYZER                | REPORT       | RESOURCES     | Task     | Resour |
|---|-------------------------|--------------|---------------|----------|--------|
|   | $\rightarrow$ 4-Depende | ncies 🗸      |               |          |        |
|   | $\rightarrow$ Show Onl  | y Tasks With | No Successors |          |        |
|   | <sup>ナ</sup> コ Show Onl | y Tasks With | Summary Deper | ndencies | >      |
| L |                         |              |               |          |        |



## 5. Dependencies

| ep '19         | 0    | ct '19 |    | Nov  | '19       |          | Dec '19 | )  |
|----------------|------|--------|----|------|-----------|----------|---------|----|
| 16 23          | 30 7 | 14 21  | 28 | 4 11 | 18 25     | 2        | 9 16    | 23 |
| ry hardware    |      |        |    |      |           |          |         |    |
| ock 7<br>ock 8 |      |        |    |      |           |          |         |    |
| vare develo    | ped  |        |    | De   | evelop fi | nal haro | dware   |    |
|                |      |        |    |      |           |          |         |    |



May 2019

X

Lead time

▲ <u>E</u>stimated

ruary 2019

March 2019

General Predecessors Resources Advanced Notes Custom Fi

4/28/19

-1 d

-3 d

Task Information

Name: Lead time

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Constrain task

Deadline:

April 2019

Duration: 30 d

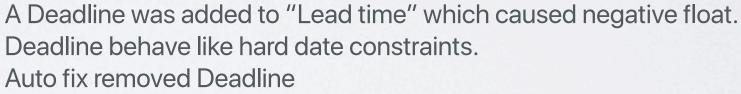
12 15 18 21 24 27 2 5 8 11 14 17 20 23 26 29 1 4 7 10 13 16 19 22 25 28 1 4 7 10 13 16 19

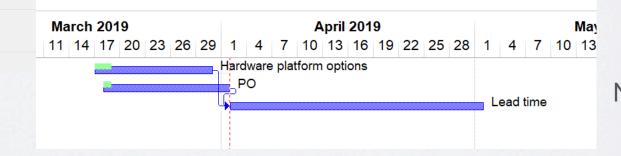
-3 d

PO

Hardware platform

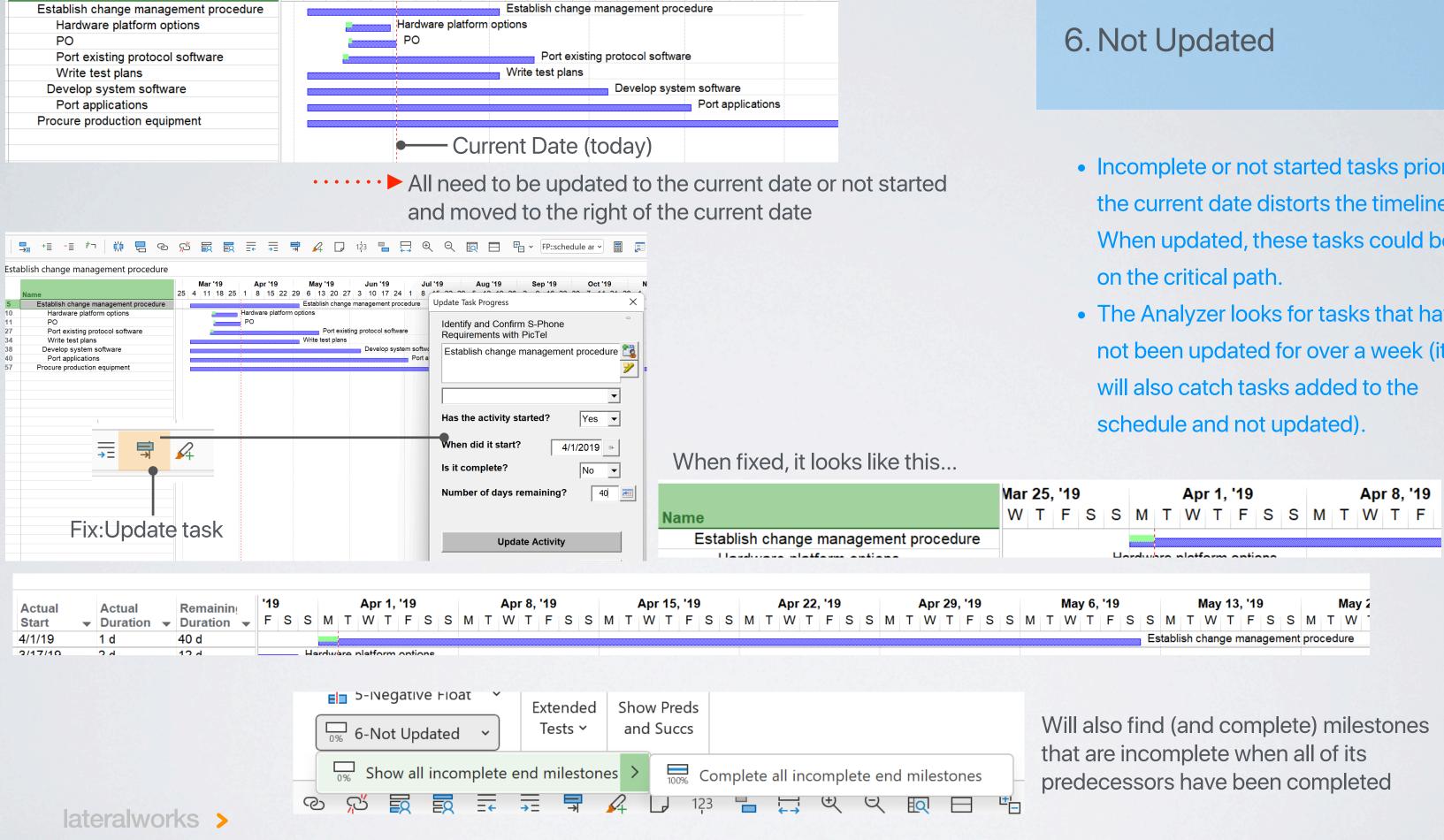
Added FS between "HW platform options" and "Lead time" permitting predecessors to "Lead time" to run in parallel per the actual start update





Defined as the Late Schedule bring earlier than the Early Schedule. This must be fixed in order to get an accurate critical path/schedule.

No Deadline



- Incomplete or not started tasks prior to the current date distorts the timeline. When updated, these tasks could be
- The Analyzer looks for tasks that have not been updated for over a week (it

# Passing the Core Tests

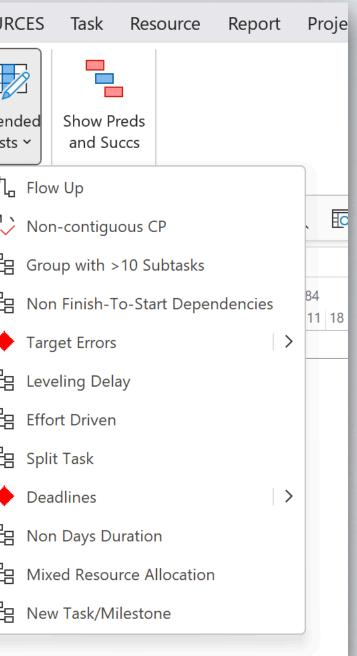
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|                     | File INSPECTOR TOOLS REFRESH ANALYZER REPORT RESOURCES Task  | c Resource Report   |
|---------------------|--|---------------------|
|                     | $\checkmark$ 1-Summary No Milestone $\rightarrow$ 4-Dependencies $\smile$ $\smile$ 2-Skips End Milestone $\bigodot$ 5-Negative Float   |                     |
| Core Tests Passed — | ● Pass     ↓ <t< td=""><td></td></t<>  |                     |
|                     | □        | Ð                   |
|                     | × ✓       Procure production equipment       Ea       Group with >10 Sub   | otasks              |
|                     | Image: NameDurationAct<br>OwAct<br>OwAct<br>OwAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>DurationAct<br>Du | Dependencies        |
|                     | 10Vite for applications14 dTarget Errors34Image: Construction options60 d38Develop system software94 d40Port applications93 d  | Develoj<br>ort appl |
|                     | 57 📅 Procure production equipment 365 d  |                     |
|                     | Deadlines  |                     |
|                     | E Non Days Duration  |                     |
|                     | E Mixed Resource Allo  |                     |
|                     | Le New Task/Milestone  | 3                   |

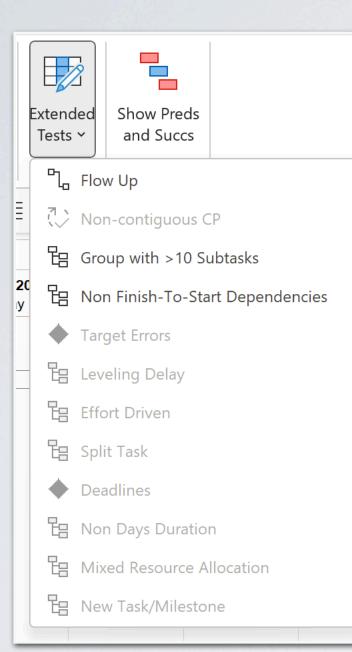
It's still a good idea to fix the Extended tests (those that are not grayed out), but these do not get scored in the Pass/Fail grade

# **Extended Tests**

| File IN           | SPECTOR T   | TOOLS REFRESH <b>ANALYZER</b> REPORT RES   | OUR |  |  |  |  |  |  |  |  |  |  |  |
|-------------------|---|--|-----|--|--|--|--|--|--|--|--|--|--|--|
| Run<br>Analyzer ~ | Analyzer ~ 🛱 3-Future Constraints ~ 🗔 6-Not Updated ~ |  |     |  |  |  |  |  |  |  |  |  |  |  |
|                   |   |  |     |  |  |  |  |  |  |  |  |  |  |  |
|                   | ⁺ ≣ <del>-</del> ≣ ⁺                                  |  |     |  |  |  |  |  |  |  |  |  |  |  |
| ~                 |   |  | Ŀ   |  |  |  |  |  |  |  |  |  |  |  |
|                   | i Task<br>Mode ↓                                      | Jan '84         Feb '84           Task Name         2         9         16         23         30         6         13         20         2 | ťe  |  |  |  |  |  |  |  |  |  |  |  |
| 1                 |   | ▲S-Phone   |     |  |  |  |  |  |  |  |  |  |  |  |
| 2                 | <b>-</b>  | ✓ Identify and Confirm<br>with PicTel  | ťe  |  |  |  |  |  |  |  |  |  |  |  |
| 3                 | <b>-</b>  | Get PicTel reqs  | Ŀ   |  |  |  |  |  |  |  |  |  |  |  |
| 4                 |   | Translate PicTel reqs  | 멶   |  |  |  |  |  |  |  |  |  |  |  |
| 5                 | <b>-</b> →  | Verify product reqs v  | •   |  |  |  |  |  |  |  |  |  |  |  |
| 6 🗸               |   | Establish change ma  | 13  |  |  |  |  |  |  |  |  |  |  |  |
| , 7               | <b>-</b> >  |  |     |  |  |  |  |  |  |  |  |  |  |  |
| 8                 | <b>→</b>  | ▲ Develop prototype !  | 42  |  |  |  |  |  |  |  |  |  |  |  |
| 9                 |   | Develon prelimina  | _   |  |  |  |  |  |  |  |  |  |  |  |



## **Extended Tests**



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- Flow up: Indicates a hierarchy problem. Dependencies should flow from top to bottom, not bottom to top. Fix by moving tasks so the schedule flows down or, in the worst case, restructure the schedule.
- Non-contiguous CP: Generally caused by 1) A date constraint forcing the CP to start in the future or 2) A Positive FS Lag. Fix 1) by either removing the date constraint or adding a Touchpoint. Fix 2) by removing the positive lag and replace with a task.
- Group with >10 Subtasks: More than 10 subtasks are hard to follow. Fix by adding and additional hierarchy to group tasks that are related to each other.
- Non Finish-to-Start dependencies: We are looking for Finish-to-Finish (FF & SF) dependencies. FF will pull the successor task to its late schedule, thereby loosing the opportunity to start it sooner. Fix by replacing FF with an FS. The question is not when it will finish but when is the earliest time it can start?
- **Target errors:** Finds problem with targets (multiple problems). Running the auto-fix from the menu will fix most common types of problems.
- · Leveling Delay: Finds leveling delays, added either manually or through the Resource leveler in MS Project.
- Effort Driven: Finds "Effort Driven" tasks. These should be changed to be "not" effort driven (uncheck).
- Split task: Finds Split Tasks. Fix by changing the duration to zero then back to it correct duration. Re-update if the task has started.
- **Deadlines:** Finds all tasks that have a deadline. Remove the deadline and replace use a Target instead.
- Non Days Duration: Finds all tasks that do not have a duration in "days". Fix by changing the duration to days. This is automatically corrected when you run the Analyzer.
- Mixed Resource Allocation: Finds resources that are allocated to both the summary task and its subtasks and is therefore double-counted. The fix is to either remove the resource from the summary or its subtask.
- New Task/Milestone: Finds these tasks/milestones that have been added to the schedule but not yet defined. These are so-called "construction sites".