Telescope time

1 hour

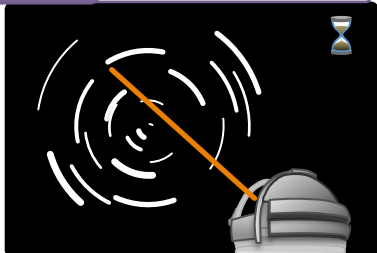**+1h**

www.gemini.edu/Overheads

+1 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

*Depending on the instrument, acquisition time in
the imaging mode is around 6 minutes.*

www.gemini.edu   G 2020ᴾ

www.gemini.edu/Overheads

+1 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

*Depending on the instrument, acquisition time in
the spectroscopic mode is around 15 minutes.*

G 2020P

www.gemini.edu/Overheads
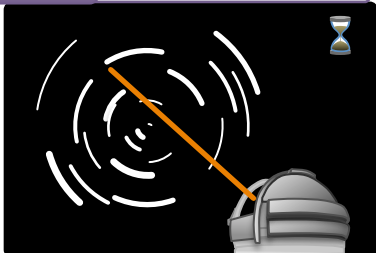
+1 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

*When using the peripheral wave-front sensor, it
is necessary to re-acquire the target every 45 min.*

G 2020ᵖ

Telescope time

1 hour

+1h

www.gemini.edu/AO

+1 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

Adaptive optics (AO) forms an integral part of the
Gemini's current and future suite of instrumentation.

www.gemini.edu   G 2020ᵖ

Telescope time

1 hour

+1h
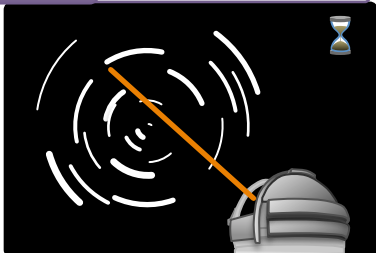
www.gemini.edu/GCAL

+1 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

*The GCAL optics illuminate the instrument pupil in
the same way as light from an astronomical source.*

www.gemini.edu

Ⓖ 2020ᴾ

www.gemini.edu/Telescopes
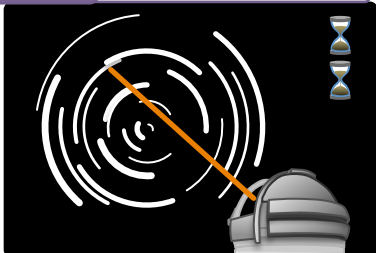
+1 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

Know your Gemini telescopes!
(Mirrors, Plate scale, Focal plane, Throughput, etc…)

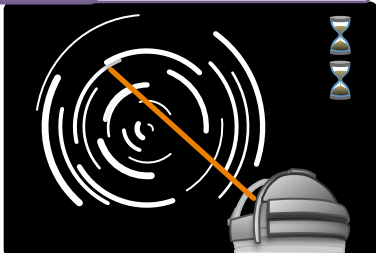**www.gemini.edu/PIT-tutorial**

+2 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

Nighttime calibration has to be added to the requested Time, but is charged to the partner, not to your program.

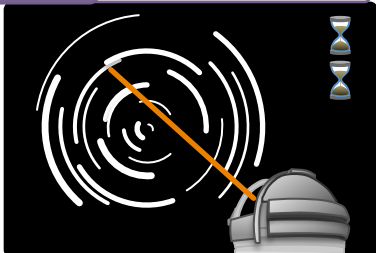**www.gemini.edu/PIT-tutorial**

+2 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

*The Problem section in PIT lists missing items. Double
clicking on an entry will take you to the relevant section.*

2 hours

+2h

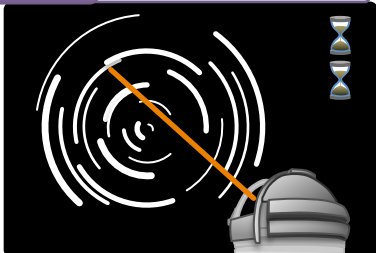**www.gemini.edu/PIT-tutorial**

+2 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

*Sections like the Science and the Technical Justifications
are prepared separately in a .tex or Word template.*

G 2020ᴾ

2 hours

+2h

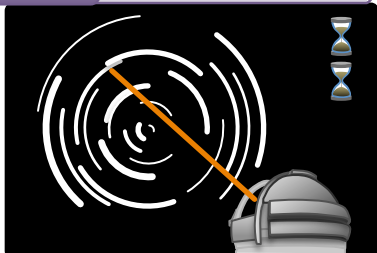www.gemini.edu/OT-tutorial

+2 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

*Define your target parameters (SED, spectral type, etc.)
in the OT, so you may use the embedded ITC.*

www.gemini.edu

G 2020ᴾ

www.gemini.edu/OT-tutorial
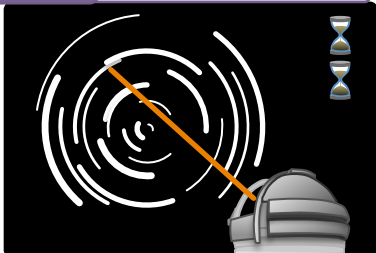
+2 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

*Make sure to Sync your program in the OT after you
edit it. Or revert to the previous version, if needed.*

Telescope time

2 hours

+2h

www.gemini.edu/OT-tutorial
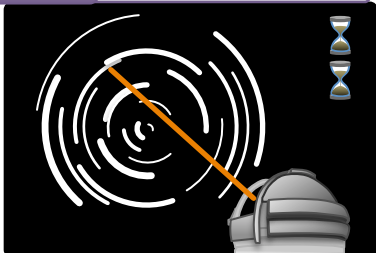
+2 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

*If the OT could not find a guide star automatically
for any angle, ask your support scientist for help.*

www.gemini.edu   G 2020ᴾ

Telescope time

2 hours

+2h

/phaseII-checklist
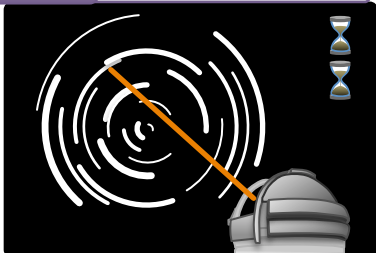
+2 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

Weather is often variable: consider constraints trade-offs, if it does not compromise your science goals.

G 2020ᴾ

Telescope time

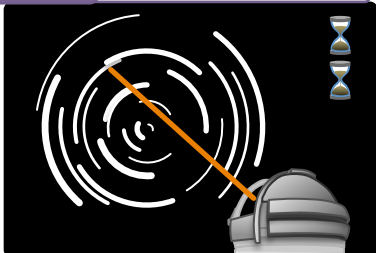2 hours

+2h

/phaseII-checklist

+2 observed hour
Can only be played on the active target of a program, when all the conditions are met.

Program Notes are an important and useful way to communicate with our observers.

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Telescope time

2 hours

+2h

/phaseII-checklist
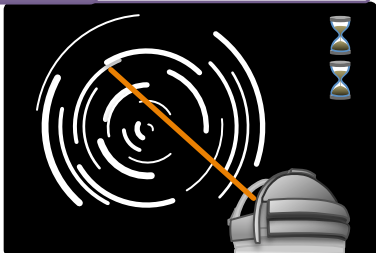
+2 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

*Providing accurate and useful finding charts optimizes the
time spent in acquisition and aids in program completion.*

G 2020ᴾ

Telescope time

2 hours

+2h

/phaseII-checklist
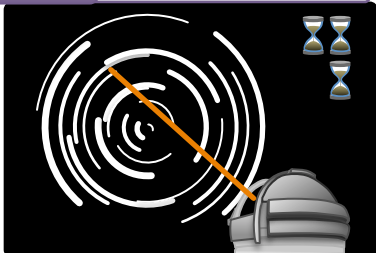
+2 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

*If you trigger a rapid ToO, make sure to indicate
whether or not an immediate slew is necessary.*

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G 2020ᴾ

Telescope time

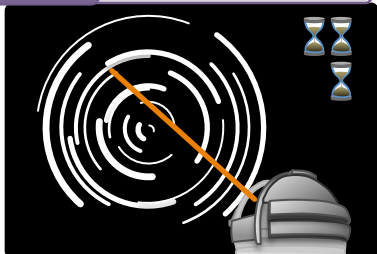# 3 hours

+3h

www.gemini.edu/DR

+3 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

*Data from Gemini facility instruments are stored
as Multi-Extension FITS (MEF) files.*

www.gemini.edu

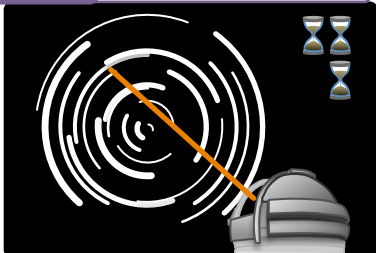G 2020ᴾ

www.gemini.edu/DR

+3 observed hour

Can only be played on the active target of a program,
when all the conditions are met.

*Check your data soon after they were taken, so you may
get a chance to have them re-observed in case of problems!*
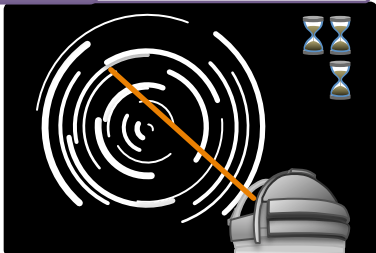
www.gemini.edu/DR

+3 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

*Garbage in, garbage out: a quick visual inspection of
your data before reduction can save you time.*

Telescope time

3 hours

+3h

www.gemini.edu/DR
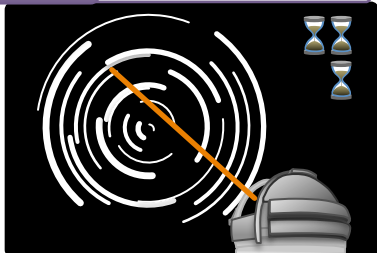
+3 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

*There are many resources available to help with data
reduction (tutorials, examples, cookbooks, etc.).*

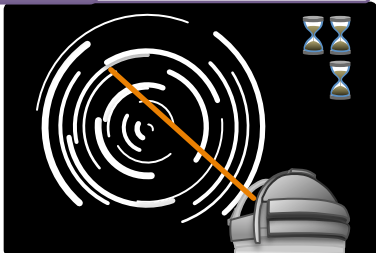G 2020ᴾ

www.gemini.edu/help

+3 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

*Contact the Observatory and/ or the NGO for any help
you may need with your proposal, program or data.*

3 hours

+3h

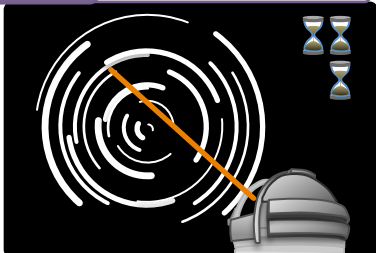www.gemini.edu/GOA

+3 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

*All Gemini raw data and some processed data are
distributed via the Gemini Observatory Archive.*

www.gemini.edu
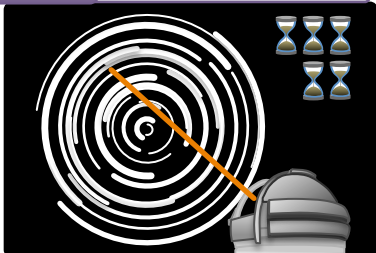
G 2020ᴾ

/acknowledgments

+3 observed hour
Can only be played on the active target of a program,
when all the conditions are met.

*Don't forget to acknowledge the Gemini
Observatory in your publications ;)*

Telescope time

5 hours

+5h

www.gemini.edu/eavesdropping

+5 observed hour

Can only be played on the active target of a program, when all the conditions are met.
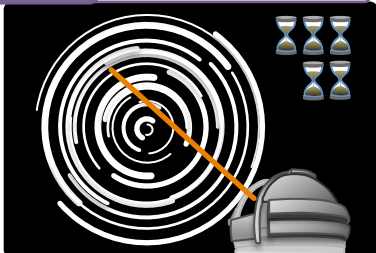
-1 **Complete a program** ☆ ☽

If used under *Great* or *Best* conditions on a program that is not complete at the end this round, you lose a reputation point.

Remote Eavesdropping is a great way to be a live part of your observations, without having to travel!

Telescope time

5 hours

+5h

www.gemini.edu/Classical

+5 observed hour
Can only be played on the active target of a program, when all the conditions are met.

-1 **Complete a program** ☆ ☾
If used under **Great** or **Best** conditions on a program that is not complete at the end this round, you lose a reputation point.

We strongly encourage the classical observer to meet with their support scientist assigned to the program.

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