

# **Joint Proposals**

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## **Joint Proposal**



a "joint proposal" is a proposal that requests time on *two or more* separate observatories but is submitted to a single observatory for scientific peer review.

Science can only be achieved through the combination of the data from multiple observatories

## **Joint Proposal**



ALMA and ESO/VLT, VLA, JWST

ALMA has Joint Proposal agreements with ESO/VLT, VLA, JWST

Main observatory: Observatory from which largest time allocation is requested

Partner observatory: Observatory from which smaller time allocation is requested

Proposals are submitted to Main Observatory. When accepted, proposal is automatically also accepted on the Partner Observatory



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How much time can be requested on partner observatory?

Maximum time allocated in Cycle 11 on partner observatories per ALMA cycle (not per proposal!)

Partner	Maximum time ALMA can allocate on partner observatory
JWST	115 hours
VLA	5% of available time
VLT	50 hours





How much time can be requested on partner observatory?

Maximum time allocated in Cycle 11 on partner observatories per ALMA cycle (not per proposal!)

Maximum time allocated by other observatories on ALMA arrays

Partner	Maximum time ALMA can allocate on partner observatory	Maximum time partner observatory can allocate on each ALMA array
JWST	115 hours	115 hours
VLA	5% of available time	50 hours
VLT	50 hours	50 hours





How much time can be requested on partner observatory?

Maximum time allocated in Cycle 11 on partner observatories per ALMA cycle (not per proposal!)

Maximum time allocated by other observatories on ALMA arrays

Partner	Maximum time ALMA can allocate on partner observatory	Maximum time partner observatory can allocate on each ALMA array
JWST	115 hours	115 hours
VLA	5% of available time	50 hours
VLT	50 hours	50 hours

Accepted joint proposals are all given the rank A in ALMA queue and equivalent in partner observatories



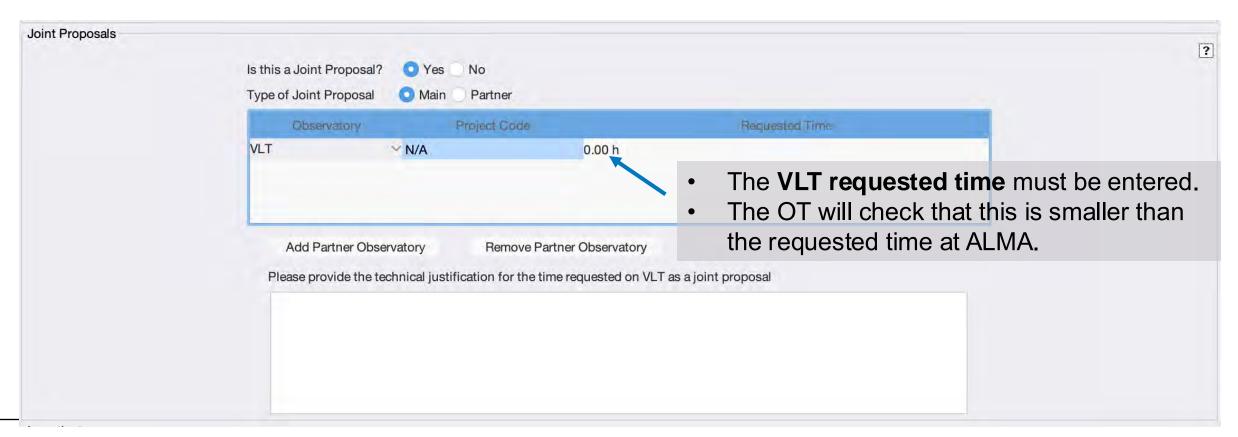


ALMA + ESO/VLT example with ALMA as Main Observatory



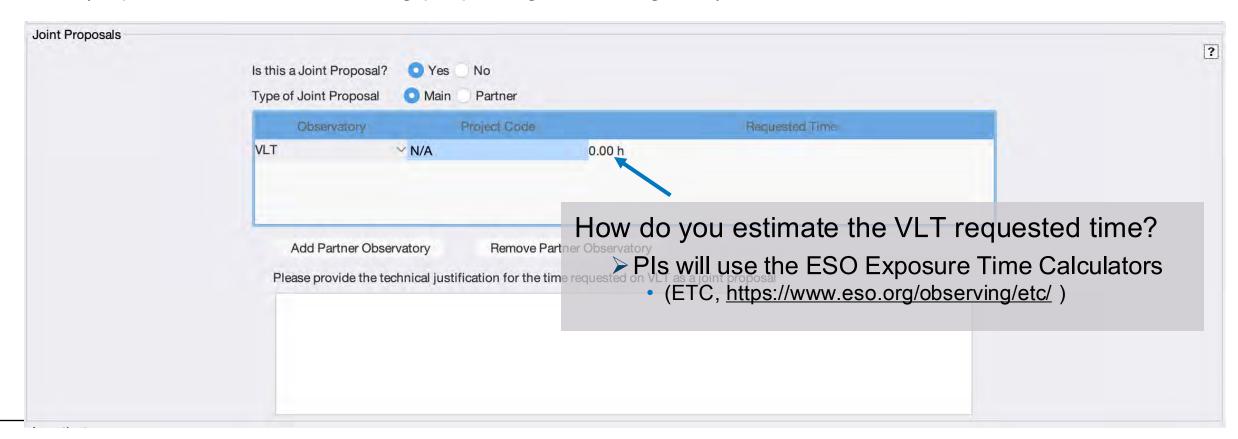


ALMA + ESO/VLT example with ALMA as Main Observatory



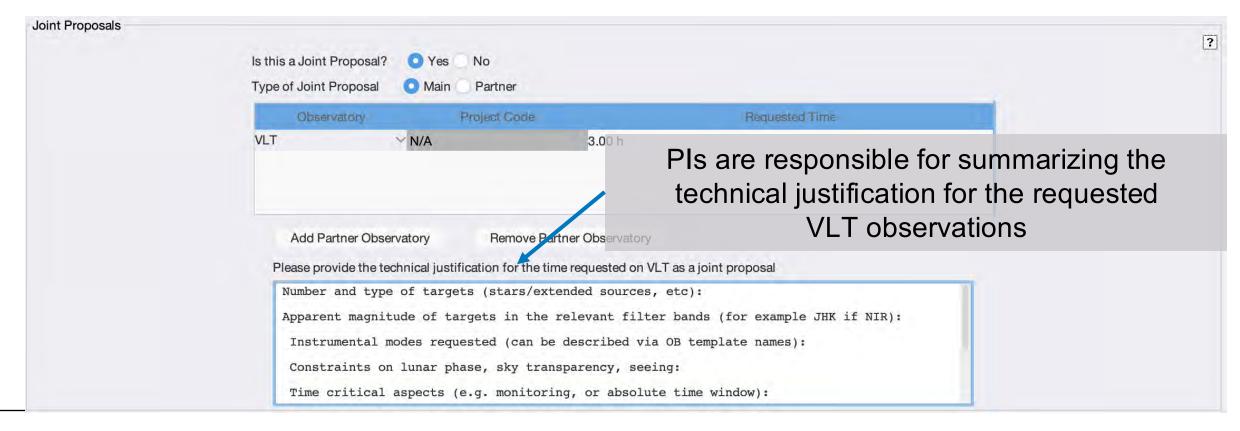


ALMA + ESO/VLT example with ALMA as Main Observatory





ALMA + ESO/VLT example with ALMA as Main Observatory





What technical information needs to be provided?

For the relevant technical information that needs to be provided see the <u>ALMA proposers</u> guide

3.5	Joint 1	Proposals	12
	3.5.1	ALMA proposals requesting JWST time	13
	3.5.2	ALMA proposals requesting VLA time	15
	3.5.3	ALMA proposals requesting VLT time	15





Submission and review of an ESO + VLT example: Phase 1

- The Joint Proposal must be submitted to ALMA by the normal ALMA deadline
- Based on the Technical Justification input in the ALMA OT, VLT projects will be
  evaluated based on the technical feasibility of the requested observations, the
  scheduling feasibility, time and observing constraints.
- ALMA Joint Proposals will be undergoing Distributed Peer Review as any ALMA (non-Large) Proposal



### Phase 2

- Upon acceptance of a Joint Proposal by ALMA, PIs will be requested to submit the project with the ESO proposal submission tool (<a href="https://www.eso.org/sci/observing/phase1/p1intro.html">https://www.eso.org/sci/observing/phase1/p1intro.html</a>)
- The users will then proceed to prepare the phase 2 Observing Blocks(OBs)
   (https://www.eso.org/sci/observing/phase2.html) in preparation for observations and for a final detailed technical assessment
- Once the OBs have been prepared, projects will enter the ESO observing queue.
   Approved joint Projects will be allocated time in the A-rank class.





### Phase 2

- Upon acceptance of a Joint Proposal by ALMA, Pls will be requested to submit the project with the ESO proposal submission tool
   (https://www.eso.org/sci/observing/phase1/p1intro.html)
- The users will then proceed to prepare the phase 2 Observing Blocks(OBs)
   (https://www.eso.org/sci/observing/phase2.html) in preparation for observations and for a final detailed technical assessment
- Once the OBs have been prepared, projects will enter the ESO observing queue.
   Approved joint Projects will be allocated time in the A-rank class.

**Warning:** projects that, during preparation of the OBs, result in a larger observing time than requested in the proposal VLT Technical Justification, are subject to rejection on technical grounds at ESO's discretion.

## **ALMA** as a partner observatory



#### Brief how-to

- Submit your proposal to the Main observatory (ESO/VLT, JWST, VLA)
  - Provide requested ALMA information as given in the respective proposer's guide
- If the proposal at the main observatory is accepted, you will receive instructions to prepare the ALMA observations using the OT
  - Select ALMA as the partner observatory
- A project code will be given, a contact scientist will be assigned etc. Everything like a normal program
- The observations will enter the queue with rank A and will remain in the queue for a maximum of 2 years



## Joint proposals in practice

Submission and review of an ESO + VLT example

Equivalent procedures are in place for JWST and VLA, see the ALMA proposers guide

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## Thank you!

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