





- ATNF Ops Staff changes
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- Narrabri Lodge open!





Welcome to ...

Farewell and thanks to ...



Brian Madden Narrabri



Danilo Zonta, Ralf Schneider New Norcia



Lyn MilgateParkes VC



Ken ReevesParkes



Other staff changes:



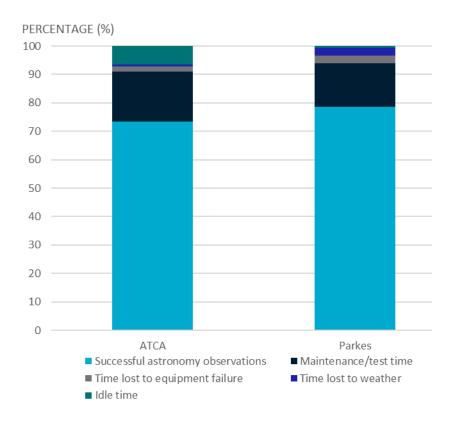
Mal Smith (Parkes) has stepped down as Site/Team Leader



Jimi Green – currently Acting SKA Low Director



ATNF Telescope KPIs



	Successful astronomy	Equipment failure
ATCA	<mark>73%</mark>	1.7%
Parkes	<mark>78%</mark>	2.8%
ASKAP	39%	6.5%

Two fire-alarm events at MRO





Current status of facilities, November 2021

- Parkes, ATCA, ASKAP telescopes continue to operate normally with applicable COVID precautions.
- COVID has caused some disruption to cryo-PAF preparations
- Parkes Visitors Centre closed 15 August 26 September: now open again
 Narrabri Visitors Centre re-opening soon
- NSW sites: visitors welcome for up to 4 hours, if Vacc² Electronic registration or paper declarations required.
 WA sites – no time limit.





ATCA Report

See also:

BigCAT talk (Chris)

New user support model (Minh)

Statistics

Project allocations for "normal" projects (who expect to get time in a single semester, excluding NAPA).

	2020APR	2020OCT	2021APR	2021OCT
# of Proposals	48 (2878 hr)	38 (2411 hr)	33 (2432 hr)	26 (1040 hr)
Cutoff Grade	3.3	3.0	3.3	3.3
Projects 90 – 100%	21	30	22	20
Projects 40 – 90%	8	5	3	1
Projects < 40%	3	1	1	0
Projects 0%	16	2	7	5



ASKAP-related projects

	2020APR	2020OCT	2021APR	2021OCT
# of Proposals regular	48 (2878 hr)	38 (2411 hr)	33 (2432 hr)	26 (1040 hr)
# ASKAP-related regular	7 (473 hr) [16.4%]	10 (565 hr) [23.4%]	6 (428 hr) [17.6%]	4 (120 hr) [11.5%]
# of Proposals NAPA	26 (1367 hr)	30 (1461 hr)	28 (1515 hr)	28 (1618 hr)
# ASKAP-related NAPA	2 (173 hr) [12.7%]	3 (280 hr) [19.2%]	3 (272 hr) [18.0%]	1 (120 hr) [7.4%]



NAPA Allocation

Semester	NAPA/ToO (hours) **	NAPA %	ToO %	ASKAP %
2021APR	528 (17.0%)	70.5	29.5	9.2
2020OCT	455 (14.7%)	62.1	37.9	9.2
2020APR	348 (11.2%)	60.2	39.8	13.4
2019OCT	633 (20.4%)	48.0	52.0	19.4

^{**} Percentages in "hours" column represent the fraction of the usable semester, which is roughly 3100 hours.





Legacy Project Data Hosting

- CASDA now ready to accept Legacy data
- GLASS and StarFISH will put data into CASDA when they're ready to release their data products
- IMAGINE and CACHMC are being informed that they can use CASDA if they can
- DAP is also an option if CASDA doesn't suit



Parkes Report



Parkes 60th

- Webcast & live event
- Talks on ATNF website





Parkes issues

- Preparations for cryo-PAF installation proceeding, despite COVID delays
- Science commissioning now likely to be in 2022OCT semester
- Some flexibility in scheduling will be required,
 - Space tracking also will require some flexibility:
 - A revision of current schedule (March) is likely
- Awaiting decision on UWH funding resubmission as back-up have reached out to more university partners (but always welcome more if interested!)
- New projects nearby requiring coordination on potential RFI (wind farm and weather radar)





ASKAP Report







RASSP – Review of ASKAP Survey Science Projects

- Teams are preparing submissions for 11 November
- Revised proposals to be reviewed by international panel
- Report to Director expected in February
 - Review science cases with better understanding of capabilities
 - Provide guidance on allocation of time
 - Consider commensal scheduling issues
- ASKAP Split-band mode:
 - Will review after RASSP panel, for possible implementation later in 2022



Pawsey and computing update

- Setonix Phase I in place
 - 45% more powerful than Magnus+Galaxy
 - ASKAP staff currently undergoing briefings and running tests on limited system
 - Setonix Phase-2 delivered in 2022 (50 pFLOPs)
 - ASKAP migration in early 2022







Archives Report



CASDA update

Main developments:

- Updates for the move to new Pawsey Ceph/S3 object storage
- Migration now to begin in January, complete in late March.
- 'Low' priority data will be offline during migration period+
- Now 1.3 PB in volume

Future plans:

- Move to new Pawsey servers (starting ~July 2022)
- Improve and update data access queues
- UX/UI re-design for greater usability
- Install CARTA visualisation app
- New cutout UI service/API
- ATOA migration ...



Pulsar DAP

Main developments:

- Significant improvement in external download speeds achieved in ~May 21
 - Now getting 5MB/s to Europe
- ATOA download speeds also greatly improved
- UI improvements
- Now 3.6 PB in volume (more than 90% of entire DAP!)

Future Plans:

- Move to Ceph/S3 storage (removes tape and collection size issues)
- UX/UI re-design



Narrabri Lodge is open

Narrabri Lodge is **still** open for visitors!

Double vaccination required Social distancing in force.

Qualified observers welcome

Catered or self-catered options.

Contact: accommodation@atnf.csiro.au





We acknowledge the Wajarri Yamatji people as the traditional owners of the Murchison Radio-astronomy Observatory site

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