ATUC Recommendation		Director's Response	Traffic Light
2.	Commendations for CASS		
•	Newcomb-Cleveland prize to CRAFT and ASKAP teams	Noted	
•	Completion and publication of the RACS Survey & discovery of Odd Radio Circles		
	(ORCs) and related publicity CRACO LIEF funding success		
•	Congratulations Kevin Ferguson for new role as Director of CDSCC		
•	Congratulations Sarah Pearce for appointment as acting CSIRO Chief Scientist		
Rec	ommendations		
3.	SKA		
•	No recommendations.	n/a	
4.	Diversity and inclusion (D&I)		
•	In light of new hiring opportunities related to SKA and the spin-off company, CASS should revise its 2025 demographic targets for staffing.	We have commenced preparing our 2021/22 Diversity and Inclusion Action Plan and these targets will be reviewed as part of that process.	
•	While not a recommendation, ATUC noted concern about the lack of gender and age diversity at the ATUC open session	The open session is principally a dialog between ATUC and ATNF senior management and so the agenda typically reflects the gender balance of ATNF leadership. CSIRO has committed to continue improve gender balance through the SAGE Action plan.	
5.	Radio astronomy technologies		
	<ul> <li>5.1 Science &amp; Instrumentation</li> <li>CASS + ATUC to assess the prospects and feasibility of organising a science and instrumentation workshop alongside the next ATUC meeting - strong preference (and endorsement) for inperson meeting, for greater value and benefits.</li> </ul>	We look forward to working with ATUC on organising such a workshop. Phil Edwards will be the CSIRO contact for organising this.	
	<ul> <li>Initiate mid-to-long term discussion of the ASKAP future direction as early as possible.</li> </ul>	This workshop mentioned in the previous item will be one opportunity to consider this, but other forums will also be used.	

	5.2 -	RFI ATUC suggests allocating a presentation slot at the next ATUC meeting to cover the current status of RFI across facilities	A presentation on RFI will be included in the agenda for the next meeting.	
		and the expected impact moving forward. And, if possible, what efforts are needed towards a solution. ATUC notes that CASS research engineer Aaron Chippendale provided a similar contribution at the recent BIGCAT workshop and considers a broader platform and increased awareness to be an appropriate next step.	TOI THE HEAT MEETING.	
	-	CASS to consider the creation of a tiger team (involving a partnership of astronomers and engineers) with the intent of coordinating efforts in RFI mitigation moving forward.	We will consider this and Tasso Tzioumis will report back to ATUC on progress at the next meeting.	
6.	Data	archives and CASDA		
•		S/CSIRO to implement faster data sfers from ATOA/DAP.	A contributing factor to the slow transfer rate has now been identified and removed, resulting in ~10x faster downloads.	
•	-	S to increase the file size for web aload from ATOA (currently set to 20 GB WL).	This is under active investigation – John Reynolds will give an update at the next meeting.	
•		S to enable ways for quick turnaround nload of data from DAP.	We are working with CSIRO IM&T to improve turnaround times.	
•	requi	S to assess the cost and FTE irements for implementing eventual ation of ATOA to CASDA.	The cost and FTE requirements for ATOA migration have already been assessed. We are working with IM&T to see how this work can be funded and progressed.	
	6.1 -	Feedback on CASDA Development In light of community feedback on the limitations of the ATOA, ATUC urges an analysis of the cost involved for the funding and advancement of the Stage 4.2 timeline. This could resolve all of the above issues with accessing data from ATOA and set the stage for the ingestion of CryoPAF and BIGCAT data in advance of these instruments coming online.	As per previous reply.	

	<ul> <li>ATNF liaise with survey science projects to update documentation and develop video tutorials for interacting with CASDA, describe how to assess data quality, and read release notes. Video tutorials will be especially useful looking towards the anticipated migration of data from other ATNF facilities.</li> </ul>	Video tutorials and updates to CASDA documentation are planned. Note that while the documentation includes the mechanics of validating data for public release, the actual assessment of ASKAP data quality is the responsibility of the SSTs themselves.	
7.	ASKAP		
•	ASKAP team to consult with the SSTs along with assessments on phase II operations in due course (e.g. during the April 2021 PI meeting). A broader engagement with the community and an update on observational status could be done via the monthly ASKAP science forum, e.g. reminding the SSTs that the observational status is available in the ASKAP Observation Management Portal (OMP).	We will continue to use existing communication channels such as the PI meetings, science forums and online tools. We remain open to suggestions for improvement in these areas, either directly from SSTs or from the broader community via ATUC.	
•	CASS to carefully assess any potential guest science proposals and to ensure they do not unduly affect the observations and processing of data for current SSPs.	This will be an important part of Guest Science proposal review.	
•	CASS to identify the targeted audiences (Ph.D. students vs undergraduate students) and learning outcomes related with ASKAP operations, before developing educational material and resources.	We will give this further consideration and Aidan Hotan will report back to ATUC at the next meeting.	
8.	ATCA		
	<ul> <li>8.1 Duty Astronomer/Observer Training         <ul> <li>ATUC recommends that CASS perform a comprehensive review of the approach to DA and observer training and consider the suggestions above to improve the quality of training.</li> </ul> </li> </ul>	A review of all National Facility support is currently underway, including consideration of how to improve training to DAs and observers.	
	<ul> <li>CASS to contact PIs (particularly new observers) with information on how to arrange training sessions in advance of their first observations.</li> </ul>	All ATCA proposal teams have been contacted with this information.	

		CASS to consider bringing back the	This will be considered,	
		"Friend system," to introduce an experienced observer to help for schedule files, set-up and observing to (inexperienced) DAs/observers. (ATUC notes that the 'Friend' request checkbox still exists in the proposal system, although Friends are no longer assigned.)	together with additional training videos and tools. We note that there are now fewer experienced "friends" to draw on for ATCA and Parkes, with most new staff and postdocs working on ASKAP.	
	8.2	Legacy Surveys CASS to formulate a plan for supporting legacy project data releases and present it at the October 2021 ATUC meeting.	A plan is being formulated and Jamie Stevens will present details at the next ATUC meeting.	
	<b>8.3</b> -	ATCA Science case ATUC seeks some clarity regarding the current status of the ATCA science case document, as well as plans for any further community feedback and discussion regarding its content (if any).	There have been some minor updates to these documents compared to those available on the ATUC webages and the most recent versions will be made available.	
9.		es (Murriyang)		
•	No re	ecommendations.	n/a	
10.		osal submission and review		
•	TAC members should be briefed on unconscious bias at the beginning of TAC meetings.		This will be done by the Program Director for ATNF Science.	
•	ATNF to acquire statistics on gender and career stages through OPAL.		This will be done (though the timescale on which changes can be implemented in OPAL is unclear).	
•	ATNF to pursue anonymised proposal submissions and to report back to ATUC with an assessment of the impact of this scheme on grading biases.		Further steps towards anonymised proposals will be implemented in OPAL. As results from the UNSW-led study become available, they will be reported back to ATUC.	
•	histo	S to consider masking the proposal ry from TAC reviewers to facilitate a more stive anonymisation in the proposal reviewess.	This will be considered with the TAC. The TAC does review the proposal history to determine whether proposal teams are responding to TAC requests from previous rounds.	
•	instru the r	S to review and suitably update proposal uctions for scientific justifications to reflect evised (and partially anonymous) process example, update instructions for "Large	The proposal instructions were reviewed and updated before the	

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	Project" proposals to comply with anonymous scientific justifications).	2021OCT call for proposals.	
11.	ATSC Feedback to Community		
•	ATUC recommends that ATSC recommendations that are relevant to the User Community (and can be made public) should be collated and communicated in a widely accessible format, i.e., either summarised in the Director's Report or separately via the ATUC web pages.	CSIRO agrees to do this. A summary will be included in the Director's Report for the next meeting.	
12.	Radio School		
•	CASS to continue hosting in-person radio schools where possible. CASS may also like to consider recording the lectures and making them available online for students or ECRs who are unable to travel, as well as for future use.	CSIRO looks forward to being able to host inperson radio schools in the future. Slides from presentations have been made available from previous schools.	
•	CASS to consider holding a virtual data analysis workshop, to allow for remote and international participation, assuming the resources (time and effort) are available to organise a workshop in the near future. Hosting an in-person radio school, however, should be a priority.	A series of on-line tutorials is being considered for later this year.	
13.	LBA		
•			
	CASS to evaluate the impact of the reduced availability of Parkes at high frequencies for LBA operations, and consider mitigation strategies for the period until a UWH receiver becomes available.	A consideration of these issues will be presented to ATUC at the next meeting by Chris Phillips.	
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	availability of Parkes at high frequencies for LBA operations, and consider mitigation strategies for the period until a UWH receiver becomes available.  13.1 LAMBDA (Low-frequency VLBI)	issues will be presented to ATUC at the next meeting by Chris Phillips.  We agree that optimum development of the LAMBDA science case must involve community participation, input, and feedback. We will organise a science case workshop to take place in the middle	
	availability of Parkes at high frequencies for LBA operations, and consider mitigation strategies for the period until a UWH receiver becomes available.  13.1 LAMBDA (Low-frequency VLBI) Proposal  CASS to continue developing the science case for LAMBDA, in closer consultation with the wider community. A community workshop to focus on this	issues will be presented to ATUC at the next meeting by Chris Phillips.  We agree that optimum development of the LAMBDA science case must involve community participation, input, and feedback. We will organise a science case workshop	
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•	CASS to solicit responses from all observers if possible (as registered on the PORTAL), and not just the project Pls.	There is a link to the feedback form from the portal – more effort will be made in drawing it to the attention of observers.	
15.	User Feedback received by ATUC		
•	ATUC made no recommendations under this heading, but raised two items: The technical review of a proposal failed to identify a serious flaw in the request	We encourage proposers in instances like this to also draw such oversights to the attention of the TAC Chair.	
•	Can unprocessed ASKAP data be considered Guest Science, if it goes through the same proposal assessment process as other Guest Science	That appears to be a reasonable approach to this question. When instructions for Guest Science proposers are drawn up, this can be included.	
16.	Future ATUC meetings		
•	CASS to consider resuming in-person ATUC meetings as soon as it is viable, while continuing to provide an excellent remote experience for speakers and other participants in the Open Session.	Agreed	