

June 2015 status summary of LRP new projects

What	When	Who	New \$C	Share	Funds	Notes
TMT	2014-2020	TIO partners	~\$243M	~15%	GoC, NRC	Approved April 2015. Details TBA.
SKA 1	2016-2024	Consortium	~\$50M	6%	GoC, CFI?	to 2023 (SKA2 extra for 2030)
CASTOR	2015-2022?	CSA + XSA	\$>=150m	33%?	CSA	Tech + science studies; partners Phase 0, Sci Def RFPs
MSE	2014-2023?	Can, Fr, China, India, Aus, +..	>=\$34m?	~20%	Current +	Office, staff, at CFHT. Partnership design work to 2018
CCAT	2013-	Univ	\$21-35M	15-25%	Current + ?	No CFI
CHIME	2013-	UBC, UT, McG	\$10M	100%	CFI x2	DRAO under way. Pulsar add-on
SPICA	2015-2022?	JAXA+ESA	\$6M?	?	CSA	Descope – no FTS?
WISH	>2017?	JAXA select	\$~20M/\$?	?	CSA	Filter changer, no CSA study
Litebird	>2017?	JAXA select	\$~10m?	?	CSA	Bolometer system STDP study
Astro-H	2012-2015	JAXA	~\$8M	5%	CSA	Delivered, launch 2016
WFIRST	2015 - ?	NASA + JAXA + ESA	>=\$20M?	>=1%	CSA	WFI, coronagraph studies Science return TBD
Athena	2028 launch	ESA et al	Long lead	?	CSA	Science panel co-chair Descope?
JCMT	2014-16	UK, Asian cons	\$0.1m/yr	few%	??	Initial 2 years.
Balloon, Microsat	2012-2020	CSA, CNES	\$10M	100%	Current	Continuing

Funds indicated all spread over several years – details differ.
 Amounts secured or in present budgets. Space and Ground-based