	Astro tracker project Planned Sche									-																														_
	Item	Dependency		Aug-14 W2 W:		W1	Sep-2		4 W1		t-14 W3	W4 V		lov-14 /2 W3			Dec-1		4 W1	Jan W2		W4 \		Feb-1! V2 W		4 W1		er-15 W3	W4	W1	Apr-1		/4 W		ay-15 2 W3		W1		in-15 2 W:	-
Study and	Telescope study	Project idea	1			1			1										1			T						Τ				$\overline{}$	+			T			Т	Ī
quirement	Telescope mount study	Project idea		1 1				٨																	- Annual Control															ı
gathering	System requirement specification (SRS)	Project idea		2				$\stackrel{\wedge}{\sim}$											İ														İ				1			
Other	Telescope selection and procurement	SRS			1	1	1	2																																
	Hardware design - High level	SRS			1	2																																	T	
	Component selection	above	1				2	1 2	!																															
	Component procurement	above							1	1	2														i												1			
Hardware	PoC testing and redesign (kit & bread board)	above									1	1	1 2	2																										
(HW)	Schematic (SCH)	above												l 1	1	2																	İ				1			
(1144)	PCB design	above					1										1	1 2	!																		1			
	PCB manufacturing	above																1	. 1	2					Ų	Ļ											'			
	Board assembly	above																			1				レ	1											•			
	Board bringup and testing	above + test stubs							İ														1	1 1	. 3		1	1							1					
Firmware (FW)	FW test stubs	SCH] [1	. 1	1	2																	-		
	System architecture design	SRS and SCH																				1			ĺ												1			
	Driver - motor	SCH																					1																	
	Driver - USB comm.	SCH																						1 1	-			↓					İ				1			
	Driver - keypad	SCH																						1			\Z'										'			
	Application implementation	SCH + all FW drivers							<u></u>			<u> </u>							<u>l</u>			<u>i</u> .			1	1	3						<u> </u>			1	<u>j.</u>			
	Load and torque analysis	SRS + telescope						1 1	. 1																															
	Gear design	above	1						1	1															i												1			
	Gear manufacturing	above	1 1								1	1	- 2																											
	Mount design	above	1 1											l 1	1	1	1	2				Ļ	۸Ļ										İ				1			
	Mount manufacturing and assembly	above	1 1															1 1	2			7	\sim						$ \bot \Lambda $								'			
	Mount testing and corrections	above													ļ					1	1	1	3					ļ	双						ļ	ļ	<u> </u>	ļ		
Computer	Stellarium interfacing	SRS																								1	1	1	3											
	HW (with FW) integration and testing	FW + HW																		Ĭ								1	1											
ntegration	HW + mount integration and testing (no load)	above + mount]																											1							1			
nd testing	HW + mount integration and testing (load)	above + scope]																ı			ı	***************************************									1 1			_ ~	<u>۸</u> _	'			
na testing	Mount + Stellarium integration and testing	above + Stellarium																	ı				***************************************										1	2	7	۸		1		
	Final integration and testing	all above				<u> </u>				1	<u> </u>					Ll				<u>.</u>						L		1	1	<u></u>				1	3		\mathcal{M}			
ubmission	Report preparation and submission	all above	1			1				· · · · · · · · · · · · · · · · · · ·	1				1				····	Ĭ						<u> </u>	*******	3		Ĭ				1	1	1	3		T	

Legend:- 1 Normal activity 2 Minor milestone 3 Major milestone 💢 Module milestone