

KITTE PEAK 90" TELESCOPE IP ADDRESS ASSIGNMENT						Updated September 3, 2018		
IP ADDRESS	NAME	DESCRIPTION	OS	WHO	IN USE	LOCATION	Draytek public port	NOTE
<b>ROUTERS</b>								
<b>140.252.86.113</b>	bokdray	Draytek router WAN port	EMB	CJ	X	control room annex		note 8
10.30.0.1	bokdray	Draytek router LAN port	EMB	CJ	X	control room annex		
10.30.0.2	boksw	New HP 48-port Giga switch	EMB	CJ,JR	X	control room annex		
10.30.0.3	bokap1	TRENDnet wireless router	EMB	CJ	X	control room annex		
10.30.0.4		New HP 16-port Giga switch	EMB	JC	X	control room annex		note 18
<b>PCs</b>								
10.30.1.1	priscilla	spare science PC	LIN	CJ,SS	X	control room	41022	
10.30.1.2	bart	main science PC	LIN	CJ,SS	X	control room	22	
10.30.1.3	bokpop	point of presence PC	LIN	CJ,SS	X	control room annex	42022	42080
10.30.1.10	bokpc1/boktcs	TCS PC	WIN	CJ,SS	X	control room		
10.30.1.11	bokaux	Aux PC	WIN	CJ	X	control room	208	
10.30.1.12	bokpct	weather display PC - PI board	WIN	JR,ML	X	control room	42559	
10.30.1.20	bokpc3	Auto-guider PC	WIN	ML	X	control room	42059	
10.30.1.21	bokccd1	CCD control PC (obsolete)	WIN	ML		control room	42159	note 19
10.30.1.22	bokccd2	CCD control PC (90Prime)	WIN	ML	X	control room	42259	
10.30.1.23	bokccd3	CCD spare PC (obsolete)	WIN	ML		control room	42359	note 19
10.30.1.24	bokag	CASS guider PC	WIN	ML	X	telescope ring	42659	note 1
10.30.1.24	bokag	90 Prime guider PC	WIN	ML	X	90 Prime north plate	42659	note 1
10.30.1.24	bokag	SPOL guider PC	WIN	ML	X	telescope ring	42659	note 1
10.30.1.25	bokccd4	CCD spare PC (90Prime & B&C)	WIN	ML	X	control room	42459	note 20
10.30.1.30		SPOL Instrument PC	WIN	CJ,PS	X	control room		note 2
10.30.1.31	bokpcx	reserved for observers						
10.30.1.32	bokap3	reserved for observers						
10.30.1.33	bokpcz	reserved for observers						
10.30.1.34	bokccd5	CCD control PC on ring (for B&C)	WIN	ML	X	telescope rig		
10.30.1.41		office PC	WIN					
10.30.1.45	bokaux2	second Aux PC	WIN	CJ	X	2nd floor office		
<b>PRINTERS, XTERMINALS</b>								
10.30.2.1	lw8	laser printer	EMB	CJ	X	control room	retired	
10.30.2.2	bokxt1	xterminal	EMB	CJ	X	control room		
10.30.2.3	bokxt2	xterminal	EMB	CJ	X	control room		

10.30.2.4	boklaserjet	laser printer	EMB	CJ	X	control room	M402N	
<b>EMBEDDED DEVICES</b>								
140.252.86.114	bokntp1	Brandywine Network Time Server	EMB	JR	X	control room annex		note 3
140.252.86.115	bokhawk	CBW for the Young wind sensor	EMB	JR	X	box under the tower	42710	note 5
10.30.3.2	bokopto	Opto 22 lamp controller	EMB	JR	X	telescope ring		note 4
10.30.3.3	boktcsng	reserved for TCS-NG	EMB	CJ,SS		TBD		
10.30.3.4	bokping1							note 13
10.30.3.11	bokth1	iTHX-W temp/humidity probe	EMB	JR	X	dome		note 6
10.30.3.12	bokth2	iTHX-W temp/humidity probe	EMB	JR	X	mirror cell		
10.30.3.13	bokth3	iTHX-W temp/humidityprobe	EMB	JR	X	upper dome		note 7
10.30.3.14			EMB	JR				
10.30.3.30	bokplz	90 Prime Web Relays	EMB	JR	X	90 Prime north plate	(was Pulizzi)	note 9
10.30.3.31	bokgmc	90 Prime Galil (router)	EMB	JR	X	90 Prime	42023	note 12
10.30.3.32	90primetemp	90 Prime thermal controller	EMB	ML	X	90 Prime north plate		
10.30.3.40	bokiis	Arduino for IIS Display	EMB	JR	X	telescope ring		note 10
10.30.3.41	boklamps	Flatfield Lamp Controller	EMB	JR	X	control room		note 10
10.30.3.42	bokga	new Telcom server	EMB	SS	X	control room		note 11
10.30.3.43	tubetemp	CBW for tube temperatures	EMB	JR	X	N. Tube J-box		note 14
10.30.3.44	bokdome	CBW for dome shutter	EMB	JR	X	box on rotating dome	42744	note 15
10.30.3.45	bokcr ?	CBW for control room temperature	EMB	JR	X	control room annex	42715	
10.30.3.46	telstatus	Arduino for RA oil pressure	EMB	JR	X	2nd floor wire wall		note 16
10.30.3.47	tubestatus	Arduino on the telescope tube	EMB	JR		S. J-box		note 17
10.30.4.xxx	*****	reserved for DHCP	n/a	CJ	n/a	n/a		
10.30.5.2	bokwifis1	for WIFIS		CJ				
10.30.5.3	bokwifis2	for WIFIS		CJ				
10.30.5.4	bokwifis3	for WIFIS		CJ				
10.30.5.5	bokwifis4	for WIFIS		CJ				
10.30.0.1	gateway		EMB= Embedded					
255.255.0.0	subnet mask	for 10dot addresses	LIN= Linux					
128.196.209.2	dns1		WIN= Windows					
8.8.8.8	dns2							
255.255.255.240	subnet mask	for 140.252.86.xxx addresses						

10.30.0.xxx	ROUTERS & SWITCHES	CJ - Chris Johnson				
10.30.1.xxx	PCs	JR - Jeff Rill				
10.30.2.xxx	PRINTERS & XTERMINALS	ML - Mike Lesser				
10.30.3.xxx	EMBEDDED DEVICES	SS - Scott Swindell				
10.30.4.xxx	DHCP	PS - Paul Smith				
	note 1: all guider PCs share one IP address (bokag /10.30.1.24)					
	note 2: SPLO uses DOS with PC-NFS					
	note 3: outside the Draytek firewall - was 140.252.86.106					
	note 4: used to drive the B&C lamps					
	note 5: Was 10.30.3.10					
	note 6: indoor/outdoor					
	note 7: Ethernet sent thru the dome slip ring					
	note 8: old Draytek was 140.252.86.128					
	note 9: was Pulizzi, now Web Relay, admin/Flu2clay					
	note 10: formerly an embedded Rabbit board					
	note 11: embedded Raspberry PI board					
	note 12: To talk to the Galil thru the router use port 42023					
	note 13: Use 10.30.3.43 'tubetemp' for a ping point					
	note 14: Replaced Temptrax 4-port temperature sensor					
	note 15: Reads dome OPEN and dome CLOSED sensors					
	note 16: Will read the RA oil pressure (to the trof)					
	note 17: Will read the air bag pressure and mirror covers					
	note 18: Part of the Always-ON-Network					
	note 19: No longer used					
	note 20: Spare for 90Prime and B&C software only					