

KITTE PEAK 90" TELESCOPE IP ADDRESS ASSIGNMENT						Updated August 30, 2018		
IP ADDRESS	NAME	DESCRIPTION	OS	WHO	IN USE	LOCATION	Draytek public port	NOTE
ROUTERS								
140.252.86.113	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
PCs								
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 (for B&C)	WIN	ML	X	control room	42159	
10.30.1.22	bokccd2	CCD control PC (for 90Prime)	WIN	ML	X	control room	42259	
10.30.1.23	bokccd3	CCD spare PC (for B&C)	WIN	ML	X	control room	42359	
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 (for 90Prime)	WIN	ML	X	control room	42459	
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		
PRINTERS, XTERMINALS								
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	
EMBEDDED DEVICES								
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					