



U-Blox Data Log Setup

Dinesh Manandhar

Center for Spatial Information Science

The University of Tokyo

Contact Information: <u>dinesh@iis.u-Tokyo.ac.jp</u>





Connect receiver by selecting COM port

	🔮 COM17 - u-center 8.26 - [Messages - UBX - CFG (Config) - GNSS (GNSS Config)] — 🛛 🛛 🕹												L X			
	9	👺 File Edit View Player Receiver Tools Window Help														
		┝┝ ┝ ┝ ┝ ┝ ┝ ┝ ┝ ┝ ┝ ┝ ┝ ┝ ┝ ┝ ┝ ┝ ┝ ┝														
	X	<u>D</u> isconnect	Ctrl-0	UBX-0	CFG (Config) -	onfiq) - GNSS (GNSS Confiq)										
	1	COM5	Ctrl-5													
	\boldsymbol{V}	COM7	Ctrl-7					Channels			9					
	1	COM11	Ctrl-11	ID	GNSS	Configure	Enable	min	max	Signals		$\chi W H_{II}$				
		COM13	Ctrl-13	0	GPS	~	V	8	16	🗹 L1C/A						
		COM14	Ctrl-14	1	SBAS		V	1	3	🔽 L1C/A						
		COM15	Ctrl-15	2	Galileo			4	8	🔽 E1		~0/				
	•	COM17	Ctrl-17	3	BeiDou			8	16	✓ B1						
		Network connectior	ı >	4	IMES			0	8	🔽 L1C/A	1 1 July					
Select COM Port			Positionin	5	QZSS		V	2	3	🔽 L1C/A	//					
		GLGGA (Global	Positionin	6	GLONASS	~		8	14	✓ L10F	ь -		4			
		- GNGGA (Global	Positionir	7	IBNSS			1	1							
			Positionin								170.100 m		×100	ζ.		
		GGA (Global P	ositioning	Number of shorp als guailable				00						Í		
		🖻 GxGLL (Geographic	Number of channels available			02	— .									
Select Speed 115200		GAGLL (Geographic Positi			Number of channels to use 32			32	j_ Au	to set	······································		40			
	¢	GBGLL (Geograp	ohic Positi													
		GLGLL (Geograp	hic Positic	For spe	ecific SBAS co	nfiguration u	ISe						30			
		GNGLL (Geogra	phic Positi								····		20			
		GLL (Geograp	hic Positio													
		Grant	Data)									22 18 35 3				
		GAGNS (GNSS I	Fix Data)								ET 5129025 820 GTU C	a 12 G 13 G 245 1 26 G 2	USI37EI8 dB	21 <	If COM port is open pro-	oorly
			ix Data)								02:01:44	Salua	UTC			flach in a
		GLGNS (GNSS F	ix Data)												You will see Green color	flashing
		GNGNS (GNSS I	Fix Data) 🗸													
	<		>	<					/	7		"tompartin				
	ð	🗙 🖹 🖹 Send 🦉 Poll 🖥	R 🗇 🖶 🔲						(Tuesday		02/20/2018			
	Rea	ady							u-blo	x M∣ ª COM1	7 9€ No file open	NME/00	:05 02:01 🍳 🏒			





Dinesh Manandhar, CSIS, The University of Tokyo, dinesh@iis.u-tokyo.ac.jp





Dinesh Manandhar, CSIS, The University of Tokyo, dinesh@iis.u-tokyo.ac.jp

Sis Center for Spatial Information Science The University of Tokyo





This logs Navigation Data bits for each visible satellite









Dinesh Manandhar, CSIS, The University of Tokyo, dinesh@iis.u-tokyo.ac.jp