

Weekly Status Report

Week 6

EECE 443

MCU TNC Design

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Submittal Date: April 2nd, 2020

Accomplished tasks for this week:

- Created OSI Model for documentation
- Found programs to generate KISS packets
- Began writing software that intakes data via UART

Planned tasks for next week:

- Further develop software to begin receiving KISS packets
- Become more comfortable with the development software involved

Examples of Completed Task

Screenshot of KISS Packet Program (Packet Engine Pro):

isSelected	DateTime	Call	Frequency	Country	Band	LOTW Upload	Qsircvd	QsManager	Mode	Comments1	Direct	R-RST	S-RST
<input type="checkbox"/>	Zqß.03Noe2018 18:24	DL4BHA	7076	DL	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI	FT8 Sent: -04 Rcvd: -04	<input type="checkbox"/>	-04	-04
<input type="checkbox"/>	Zqß.03Noe2018 15:56	VK6OZ	7074	VK	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI	FT8 Sent: -18 Rcvd: -03	<input type="checkbox"/>	-03	-18
<input type="checkbox"/>	Пгк.01Noe2018 18:03	ODSTX	7074	OD	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI	FT8 Sent: -06 Rcvd: -06	<input type="checkbox"/>	-06	-06
<input type="checkbox"/>	Пгк.01Noe2018 16:13	9H1FF	7074	9H	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI	FT8 Sent: -08 Rcvd: +03	<input type="checkbox"/>	+03	-08
<input type="checkbox"/>	Пгк.01Noe2018 13:13	E44WE	14225.0	E4	20M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sp9fih@wp.pl	PHONE		<input type="checkbox"/>	59	59
<input type="checkbox"/>	Tet.31Okt2018 19:33	ODSZF	7076	OD	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI	FT8 Sent: -04 Rcvd: -13	<input type="checkbox"/>	-13	-04
<input type="checkbox"/>	Tet.31Okt2018 19:22	TZ1IS	7074	HZ	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI	FT8 Sent: -01 Rcvd: -15	<input type="checkbox"/>	-15	-01
<input type="checkbox"/>	Tet.31Okt2018 19:04	UT3ED	7076	UR	15M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI	FT8 Sent: +02 Rcvd: +02	<input type="checkbox"/>	+02	+02
<input type="checkbox"/>	Tet.31Okt2018 14:52	OY1OF	21270	OY	15M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MOURX	PHONE		<input type="checkbox"/>	59	59
<input type="checkbox"/>	Тр.30Okt2018 16:20	VU3WEW	7074	VU	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		PHONE	FT8 Sent: -09 Rcvd: -13	<input type="checkbox"/>	-13	-09
<input type="checkbox"/>	Δε.29Okt2018 15:29	SA0YL	14200.0	SA	20M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Club log	PHONE		<input type="checkbox"/>	59	59
<input type="checkbox"/>	Δε.29Okt2018 15:02	LZ1SJ	7076	LZ	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI	FT8 Sent: -17 Rcvd: -18	<input type="checkbox"/>	-18	-17
<input type="checkbox"/>	Δε.29Okt2018 05:11	KK4DWZ	7075	K	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI	FT8 Sent: -17 Rcvd: +00	<input type="checkbox"/>	+00	-17
<input type="checkbox"/>	Kup.28Okt2018 19:36	E48BO	7074	E4	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI	FT8 Sent: -16 Rcvd: -08	<input type="checkbox"/>	-08	-16
<input type="checkbox"/>	Kup.28Okt2018 19:26	SP2BWQ	7074	SP	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI	FT8 Sent: +07 Rcvd: -01	<input type="checkbox"/>	-01	+07
<input type="checkbox"/>	Kup.28Okt2018 19:24	EC6DX	7074	E4	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI	FT8 Sent: -11 Rcvd: -04	<input type="checkbox"/>	-04	-11
<input type="checkbox"/>	Kup.28Okt2018 19:32	9Y4D	21280.0	9Y	15M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		PHONE		<input type="checkbox"/>	59	59
<input type="checkbox"/>	Zqß.27Okt2018 16:06	YV4AW	21281	YV	15M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		PHONE		<input type="checkbox"/>	59	59
<input type="checkbox"/>	Zqß.27Okt2018 16:04	CT1DSV	21320	CT	15M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		PHONE		<input type="checkbox"/>	59	59
<input type="checkbox"/>	Zqß.27Okt2018 16:00	PI2T	21414	PI2	15M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		PHONE		<input type="checkbox"/>	59	59
<input type="checkbox"/>	Zqß.27Okt2018 15:59	CQ3W	21369	CT3	15M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		PHONE		<input type="checkbox"/>	59	59
<input type="checkbox"/>	Zqß.27Okt2018 15:52	PI4Q	21382.6	PI4	15M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	W4PA	PHONE		<input type="checkbox"/>	59	59
<input type="checkbox"/>	Πτο.26Okt2018 19:30	VK9XG	7074	VK9X	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI	FT8 Sent: -21 Rcvd: -02	<input type="checkbox"/>	-02	-21
<input type="checkbox"/>	Πτο.26Okt2018 13:34	C3TURA	7074	C3	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI	FT8 Sent: -20 Rcvd: -17	<input type="checkbox"/>	-17	-20
<input type="checkbox"/>	Πτο.26Okt2018 10:27	C79DF7ZS	21260.1	CT3	15M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	http://df7zs.de/log-	PHONE		<input type="checkbox"/>	59	59
<input type="checkbox"/>	Πτ.25Okt2018 15:00	407CC	7075	40	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI	FT8 Sent: +04 Rcvd: -02	<input type="checkbox"/>	-02	+04
<input type="checkbox"/>	Πτ.25Okt2018 14:22	R6ML	7076	UA	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI	FT8 Sent: +02 Rcvd: -02	<input type="checkbox"/>	-02	+02
<input type="checkbox"/>	Πτ.25Okt2018 08:09	SV9BMG	7074	SV9	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI	FT8 Sent: +12 Rcvd: +06	<input type="checkbox"/>	+06	+12
<input type="checkbox"/>	Πτ.25Okt2018 04:52	VP6D	7030	VP6/D	40M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		DIGI		<input type="checkbox"/>	-02	-14

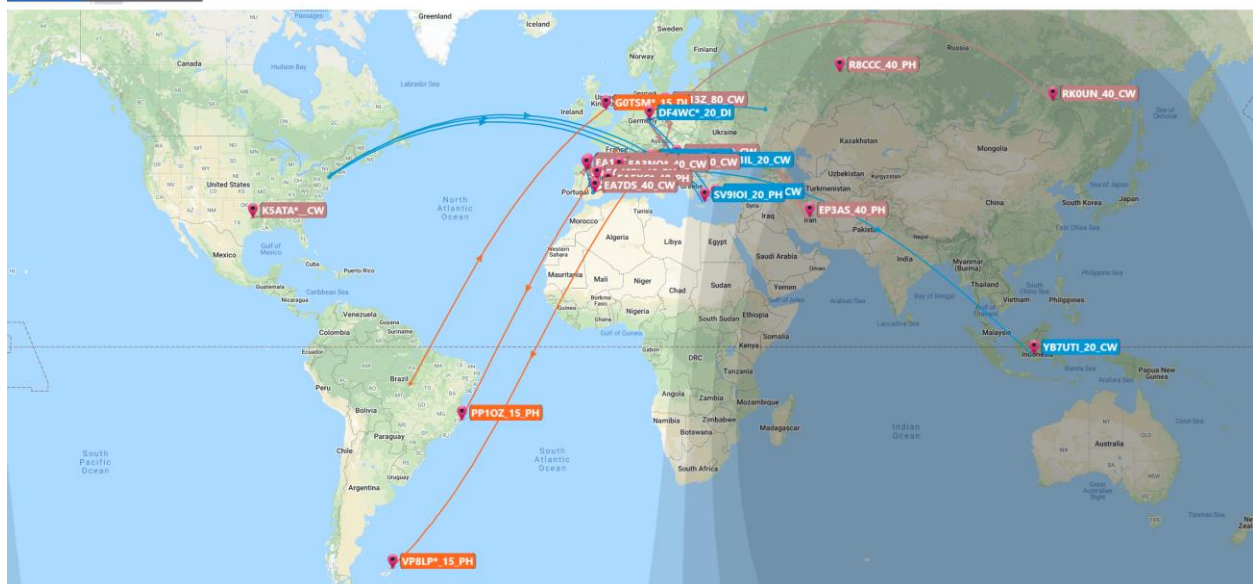
ADD

Date: 04Noe2018 Time: 08:28:34 S-RST: 59 RST: 59 AM

Comments: MyLocator: Locater: QSL Info: ☐ USER1 ☐ USER2 ☐ USER3 ☐ USER4 ☐ USER5 ☐ USER6 ☐ USER7 ☐ USER8 ☐ USER9 ☐ USER10

Remarks:

Packet: SN-1 SP187 A4 K1



Time Sheet

Item	Date/Time	Description	Hours
1	3/28/2020 5pm-7pm	Spent some time trying to find a packet program. Ended up finding something called packet engine pro that should do the job for us.	2
2	4/1/2020 6:57pm-9:50pm	Worked on assignment 2B/2C with group members. For this session, Kobe and I came up with the OSI model shown in our paper. We also put together the presentations	2.88
Total:			4.88