The additional features of JTDX_improved

JTDX_improved is an extended version of JTDX. Both of which are based on the excellent WSJT-X software by Joe Taylor K1JT et al. With my 'improved' variants, I like to stay close to the original JTDX. Therefore you will find all basic JTDX functions unchanged. Both programs are compatible with each other, which makes the switch very easy. The program settings are automatically applied, and also the change back to the original JTDX works. After the great success of my wsjt-x_improved software, I thought it was time to implement some of its enhancements now also to JTDX.

Two different GUIs

JTDX_improved is available with two different GUIs for the main window: One is my 'improved' GUI of which is similar to that of wsjt-x_improved AL. But there is also a version with JTDX's default GUI.

🚸 JTDX - FT991 - Wide Grap	h			—	
500	1000	1500 20	000 250	00 3000	350
14:17:15-200					
14:17:00 20m					
				84 · · · · · · · · · · · · · · · · · · ·	
14:16:45 20m					TE action
14-16-30 20m					
✤ JTDX - FT991 by HF com			vork based on WSJT-X b	у К1ЈТ —	
File View Mode Decode	Save AutoSeq DXpeditio		elp uto do otu	M	
UTC dB DT Freq	Avg=0.14 Lag=+4.19/2	and the state of t		Freq Message	Rx Frequency
	~ YO4SGA UI6A -13 ~ VK5PO LZ2MP KN23	*EU Russi *Bulgaria	141500 -1 0.2 141530 -1 0.2	2064 ~ GOPRI LZ6DX -0 2064 ~ G0PRI LZ6DX RF	
	~ G7LII SP50RI K002	Poland		2064 ~ CQ LZ6DX KN23	
	~ BX6ABC IK7JVE -17	[•] Italy		2064 ~ CQ LZ6DX KN23 2064 ~ CQ LZ6DX KN23	
	~ RN3YN S52D RRR ~ BV4VR N1LID FM18	°Slovenia °U.S.A.	141/00 -1 0.2	2004 ·· CQ LEODA MIZS	
	~ R7BL F5EFK IN87	*France			
	~ HA7JDU M1SJE IO92	 England 			
	~ BV4VR N2TC R-15 ~ CQ 2E0FNM I083	°U.S.A. *England			
	~ VK5PO YC4SJA 73	•Indonesi	Mada buttons	for the function the	
141645 -14 -0.6 1420		Hungary		for the frequently	
17.01.23 14:17: 141700 -2 0.2 759	14 UTC 20 ~ CQ M0FOX I093	0m *England	used modes	1	
	~ CQ LZ6DX KN23	*Bulgaria			-
	~ CQ HA1ZW JN86	*Hungary			•
	CQ LY3PW K005 MM0TQH UB1AKX K059	•EU Russi	Hound FT8 F	T4 JT AutoSeq2	TX 00/30
	~ CQ UI4P LO45	°EU Russi		N Crid Rx 2064 Hz	Report -1 🌲
	~ BH1TSU IK8AWH JN70 ~ DL2B0 F1PGQ +00	*Italy France	DX Call D	X Grid	
	~ IZ1JLP IK4RVY 73	*Italy	LZ6DX	KN23	CL 100 % 🌲
141700 -10 0.4 2703	~ CQ R3DEO KO86	EU Russi	Az: 121 1	551 km Tx 1915 Hz 🗘	DT 0,0 s 🗘
	~ S52D RN3YN 73	*EU Russi	Lookup	Add Tx/Rx Split	Wanted
	~ CQ R7BL LN06 ~ YC0BJJ M0WGI RR73	*EU Russi *England	Clear DX AutoTX	(1 QSO Bypass	AnsB4
141700 1 -0.3 1775	~ PD1VIP HA5SIP R-09	Hungary			
	~ M1SJE HA7JDU -07 ~ RA3DVM RX9ATX +00	Hungary *AS Russi	Spt Enable T	Tx Halt Tx Tune	Menu 🗸
	~ CQ HB9ACA JN36	°Switzerl	Rx 1 2	3	Pwr
	~ IU3QJC DK7ZT +08	• Germany			
	~ UI6A Y04SGA R KN45 ~ VK100 F4IFK RR73	Romania France	-90- GenMsgs	CQ RRR Skip	Tx1 🗸
	~ M3ZYX IIOTOUR -13	Italy	-80 LZ6DX DG2Y	CB JO42	Tx 1 -
	~ GOPRI 9A4ZM R+05	•Croatia			<u> </u>
	~ CQ D1DX KN87 ~ IU3QJC EC3A -02	*where? •Spain	-50 LZ6DX DG2Y	CB -01	Tx 2
	~ E72KB EA7AH -18	°Spain 🔻	-40 LZ6DX DG2Y	CB R-01	Гх <u>з</u>
4			-30 LZ6DX DG2Y		
SWL mode Log QSO	Stop Monitor	Decode Erase	-20		Tx <u>4</u>
Sync		S meter	LZ6DX DG2Y	YCB 73 ▼ ○ ·	Tx <u>5</u>
20m 🝷 🌖 14	4,074 000	14:17:24	66dB CQ DG2YCB	JO42	Гх <u>6</u>
Receiving	FT8	WD 6m	9/15 Logd	17.01.2023 FT8 22	64

Screen shot of the version with the **improved layout** ("AL" style):

Screen shot of the version with JTDX's default GUI:

	500	1000	1500	20	00		2500	300	0	35
2:15 20m	2					1				
2:00 20m		Sec. 42.017 12	E 🔒						÷.	
2:00 2011					80 C V 62 374	2				
1:45 20m	2			Sum State	¥.					
1:30 20m	16 A 😕									
-	1		1			-	1			2.
1:15 20m						М.	53 57 (36 7 F.			
JTDX by H	F community	v2.2.159 , der	ivative work based o	on WSJT-X by	K1JT				—	
View M	ode Decode	Save AutoSeq DXpedition Misc	: Language Help							
dB	DT Freq	Avg=0.10 Lag=+2.39/27	lost audio 1	s ·	14,074	იიი	14:2	7.74	TX 15/45	Pw
		9 UTC 20m	-	<u> </u>	цт,0/т	000	17.2	2.27	17 10/40	
		CQ MMOINS 1085	*Scotland	20m	▼ Spt	Me	enu 🗸 Tx 2839 Hz 🕻	Report -4	S meter	
145 -2 145 2		R7BL IT9PHU -13 CQ E74K JN95	*Sicily °Bosnia-Herz	DX Call		DX Grid		CL 100 %	Hound	54
145 -4		BG6PYY F4HAB JN03	°France							- T
145 2		CQ HA1BF JN86	*Hungary	LZ6DX		KN23	Rx 2063 Hz	DT 0,0 s	AutoTX	
145 -1 145 -5		CQ MM0HVU I085 CQ 2E0FNM I083	°Scotland England	Az: 121		.551 km	n Tx/Rx Split	Wanted	AutoSeq.	2
145 4		D1CQ IK4LZH JN54	°Italy	Lookup		Add				
145 -1	0.1 1087 ~	<> IV3IUM JN65	Italy		IB DT Fr		Message	Rx Frequency		
		SP5ORI II3BRU -08	*Italy				CQ LZ6DX KN23		Bulgari	
145 -4 145 -3		<> EA2RE R-10 CO UI6A KN95	•Spain *EU Russia				LZ6DX DG2YCB JO4 CQ LZ6DX KN23	2	Bulgari	
145 0		SQ9RST IU3QJC -16	*Italy				YC4SJA LZ6DX -12		Bulgari	
		CQ IK1MJK JN35	*Italy	142130 -1			YC4SJA LZ6DX -12		Bulgari	
145 -14 145 -16		CQ OH3BOL KP10	°Finland	142200 -	4 0.2 20	63 ~	CQ LZ6DX KN23		Bulgari	
145 -16		CQ DX W4PKU FM18 PD1VIP DK7ZT -13	°U.S.A. °Germany							Tune
145 -13		OK1BR IU1NFY 73	Italy							-
145 -15		RX9ATX F5EFK IN87	*France							
		RX9ATX HA2BJ R-13 3D2USU IK4FNC JN64	Hungary *Italy							<u>M</u> onitor
		BG6PYY E72KB JN93	Bosnia-Herz							
145 -15		YC1FDF OZ6SX R-08	°Denmark							Bypass
		.3 UTC 20m								Dypuss
200 -2 200 0		CQ MOFOX IO93 YCOBJJ LY3PW R-12	England °Lithuania							
200 -4		CQ LZ6DX KN23	Bulgaria							1 QSO
200 -4	0.1 957 ~	CQ HA1ZW JN86	*Hungary							
200 -8		EA2RE DU6/PE1NSQ RR73	•Philippines							
200 - 3		<pre>E74K S55VN JN76 </pre> <pre></pre>	*Slovenia Italy							AnsB4
200 -4		YB5QZ F1PGQ -15	*France							
200 -4		CQ D1DX KN87	*where?						-	Stop
200 -8 200 -2		G4HUE UI4P RR73 W4PKU 2E0KBX I090	•EU Russia England	4						
200 1		JRJUVW MØWGI -24	*England			(-)	0			г 9 0+
200 -14	0.1 590 ~	W4PKU G0FYQ I093	England	E <u>n</u> able Tx	<u>H</u> alt Tx	>	GenMsgs CQ DX	RRR	SkipTx1	
200 -14		F9DK IK4RVY -17	*Italy			(-80
200 -11		CQ R7BL LN06 VK100 HA7JDU R-15	*EU Russia *Hungary	1	-		LZ6DX DG2YCB JO42		Tx <u>1</u>	-70
200 -14		CQ HB9ACA JN36	°Switzerland	Log QSO	Erase	2	LZ6DX DG2YCB -04		Tv2	-60
		2E0FNM HA5SIP JN97	Hungary			l I	1200X 0021CB -04		Tx <u>2</u>	-50
200 -10		PA0GRU IK7JVE -11	•Italy Netherlands	Sync	S <u>W</u> L mode		LZ6DX DG2YCB R-04		Tx <u>3</u>	
		/ IK1MJK PA1TLO JO21 / HA2BJ RX9ATX -05	Netherlands AS Russia	Sync	o <u>m</u> e mode		2200X 002100 K-04			-40
		RZ9CM MØTLJ R-04	*England				LZ6DX DG2YCB RR73		Tx 4	-30
200 -15	-0.4 706 ~	BH1TSU PA5TS -07	Netherlands	AGCc	Filter		2200.00210010070			-20
		II3BRU SP5ORI KO02	Poland				LZ6DX DG2YCB 73	-	Tx 5	-10
		KO4DCR IV3PTU JN65 UA4PEF LZ2MP KN23	Italy Bulgaria							
		CQ RN3YN K073	*EU Russia 🔻	Dec <u>o</u> de	Clear DX		CQ DX DG2YCB JO42		Tx 6	-L0 65dB
			•	_	_				···· ¥	65dB

In the Wide Graph window, text of "Control" checkbox has been removed to prevent accidental ticking when setting lower audio frequencies.

Improved Dark Style

I have slightly improved the definitions of the dark style sheets, resulting in a more balanced layout.

*	ITDX -	FT991	- Wide	Graph

🗚 JTDX - FT991 - Wide Grap	h				– 🗆 X
□ <u>500</u>	1000 15	00 <mark>2</mark> 0	00	2500	3000 350
				s (# '~ (#) S &	
14:24:30 20m					
14:24:15:20					
14:24:00 20m					
🏶 JTDX - FT991 by HF com		v2.2.159 , derivative w		Г-Х Бу К1ЈТ	– 🗆 X
File View Mode Decode UTC dB DT Freq	Save AutoSeq DXpedition Avg=0.19 Lag=+3.76/38			DT Freq Messa	age Rx Frequency
· · · · · · · · · · · · · · · · · · ·		AS Russ		0.5 2102 ~ JR3U	s rorrequercy
	~ CQ RZ9CM M009 ~ DU6/PE1NSQ OZ6SX R-11	1 Denmark		9.0 2352 ~ CQ R	
	~ IWORBO F4DYX R-07 ~ KA3OHL N1HMT -12	•France •U.S.A.			
142415 -12 0.1 1795	~ LY3PW YC0BJJ RR73	Indones			
	44 UTC 20π ~ CQ M0FOX IO93	n Englanc			
142430 0 0.1 957	~ CQ HA1ZW JN86	*Hungary			
	~ CQ LY3PW KO05	°Lithuar			
	~ CQ UI4P LO45 ~ CQ S51TA JN75	°EU Russ Sloveni			
142430 2 -0.1 589	~ SP5VFC SP5ORI K002	Poland			
	~ KO4DCR IV3PTU R-11 ~ E74K S55VN JN76	Italy *Sloveni			
142430 -11 0.1 999	~ CQ F1PGQ JN35	France			
	~ F4DYX IW0RB0 -11 ~ OZ6SX DU6/PE1NSQ RR73	Italy Philipp			
	~ CQ RX9ATX L093	AS Russ			
	~ KD2SJF IT9HZC JM77	Sicily			U
	~ VK3AWA M0WGI -24 ~ YC0BJJ F4IFK R-26	Englanc *France			
	~ JR1KAG IK4RVY R-19	*Italy		_	
	~ M6DDF G4CFP I083 ~ SV8KUH D1DX -20	*Englanc #where?	Hound FT8	FT4 J	T AutoSeq2 TX 00/30
142430 -5 -0.1 1521	~ 9K5M0 S52D -17	Sloveni	DX Call	DX Grid Rx	2352 Hz 🌲 Report -7 🌲
	~ CQ G7RES 1090 ~ Y04SGA IZ5IME -16	Englanc *Italy			V CL 100 % 🗘
142430 -13 0.2 1982	~ CQ G6IEJ I090	Englanc	RX9ATX	LO93	
	~ CQ HB9ACA JN36 ~ CQ MM0IYT 1075	°Switzer °Scotlar	Az: 67	0000 1011	
142430 -8 0.3 1190	~ 9K5M0 IK7JVE -09	•Italy	Lookup		x/Rx Split 🗌 Wanted
	~ UI6A PD1VIP R-06 ~ YC4SJA <> -22	Netherl	Clear D <u>X</u> Au	itoTX 1 QSO	Bypass AnsB4
142430 -7 -0.1 1960	~ 9K5M0 RC2Y K073	EU Russ	Spt Ena	ble Tx <u>H</u> alt Tx	Tune Menu 🔳
	~ PH23HNY Y09AEQ 73 ~ 9K5M0 SP9C0D JN99	Romania Roland			
142430 -14 0.2 1131	~ CQ R7BL LN06	•Poland *EU Russ	Rx 1 2 :	3	Pwr
142430 -15 1.4 1582		• Indones		sgs CQ R	RR 🗌 SkipTx1 🔳
142430 -17 0.1 1182 142430 -16 0.3 1991		Greece Bulgari	-80 RX9A	TX DG2YCB JO42	О Тх <u>1</u>
142430 -20 0.4 1881		*Belgiur			
142430 -21 0.8 810 142430 -17 -1.5 2004		*EU Russ Bosnia	-60 RX9A	TX DG2YCB -07	<u> </u>
142430 -16 0.2 2063		Bulgari		TX DG2YCB R-07	<u>О Тх з</u>
		▶	-20	TX DG2YCB RR73	О Тх <u>4</u>
S <u>W</u> L mode Log <u>Q</u> SO	<u>S</u> top <u>M</u> onitor De	code <u>E</u> rase	-20		
Sync	AGCc Filter Sin	neter	L	TX DG2YCB 73	Tx <u>5</u>
20m - s 1	4,074 000	14:24:51	66dB CQ D	G2YCB JO42	<u>О Тх б</u>
Receiving	FT8	WD 6m	6/15 Logd	17.01.202	23 FT8 2264

With the 'improved' version, "FT8", "FT4", and "JT" mode buttons make it easy to switch between the frequently used modes (useful when menus are hidden).

Band buttons

Buttons for the frequently used bands allow direct switching to the main operating frequencies. You can hide the buttons via the View menu.

	500	1000	1500 2	000	250	0	3000	350)0
4:07:15	11					2			
4:07:00 40m				140.75		177 A	ing the s		enter X an
🕞 JTDX - FT9	91a by HF co	mmunity	v2.2.159 , derivativ	e work bas	ed on WSJT-X I	by K1JT		-	
-	1ode Decode terfall	Save AutoSeq DXpec 17 Lag=+3.5	lition Misc Language I 3/37 Band	Help Activity	UTC dB	DT Fr	eq Messag	ge	Rx Frequen
L407 Hid	e band buttons	. < МТВ ЈО71	Poland	-	140715 -11 140715 -13		01 ~ CQ IU0 00 ~ CQ HAI		Ital Huno
	3.23 14:07	:28 UTC	•France		140/13 -13	0.4 15	00 ~ CQ NAJ	TDF JN00	nunç
40715 -11 40715 2		~ CQ IU0LGK JN61 ~ YU1JW EB5AFK IM98	Italy Spain		т	oggie th	he hand h	uttons On/Of	e
40715 2	0.2 1091	~ II9IGB RK4FF RR73	•EU Russia			oggie a			1
40715 3		~ CQ R2CA K085 ~ CQ OK1VM J070	•EU Russia Czech Rep						
.40715 -2	0.1 496	~ DL1VJL R5AV +01	•EU Russia						
40715 -8		~ CQ IZ8EDI JN70 ~ R9WXK EB5R IM99	Italy Spain						
	-0.1 2334	~ IU5HIU II5IDK RR7	3 Italy	.					
40715 -2		~ US5IQ GI5CEO 73 ~ CQ TC100YEAR	•N. Irelan AS Turkey						
40715 1	0.1 1228	~ EW8GT UA3PRS K084	•EU Russia			uttone	for the fre	quently used	banda
40715 -7 40715 -10		~ RT1I DL9UXF J030 ~ CQ WC4R FM17	 Germany U.S.A. 		٦ , ו	utions		quently used	Danus
40715 -1	0.4 2292	~ VK5PO RQ7N KN97	EU Russia		/				
40715 -7 40715 -13	0.1 320 -0.5 2447	~ UI6A W3YNI FN00 ~ CQ SQ2CFK J093	•U.S.A. Poland						
L40715 -6	0.6 2089	~ CQ YE1DO 0I33	Indonesia						
40715 -8 40715 -16		~ UA4HBM YC2UAI RR7 ~ CQ KE3JP EN91	Indonesia •U.S.A.						-
40715 -12	0.2 892	~ RK4PH EP5CHD 73	Iran						
40715 -10 40715 -10	0.1 405	~ CQ OZ1BJF J055 ~ DK3RE VA3MJR R-13	•Denmark •Canada		Hound	FT8	FT4	JT AutoSeq2	TX 15/45
40715 -10	0.1 837	~ IIICAI PD2SHB J02			DX Call		DX Grid	Tx 1500 Hz	Report -15
40715 -8 40715 -14	-0.1 1960 0.3 702	~ RC0JD RA9YTP NO02 ~ VK5CJC PD1DX R-08	AS Russia •Netherlan				Dir Gind		CL 100 %
40715 -11	0.1 706	~ DB3MAX IU70ZR JN7		1	·			Rx 1500 Hz	DT 0,0 s
40715 -18 40715 -13		~ OK1GRM UB3KET -15 ~ CQ HA1BF JN86	EU Russia Hungary		Lookup		Add	Tx/Rx Split	Wanted
40715 -13		~ YT5DM KF5WCP R-15	•U.S.A.						
40715 -13 40715 -7		~ KI5PPY N8HW +09 ~ CQ LA2VLA JP66	U.S.A. Norway	- / -	Clear D <u>X</u>	AutoTX	(1 QS	O Bypass	AnsB4
40715 -13		~ CQ F1PGQ JN35	France		Spt	Enable T	ix <u>H</u> alt 1	Tx <u>T</u> une	Menu 🗸
40715 -18		~ <> 0Z60M J055 ~ DL1VJL DF1WR JN39	Denmark •Germany		Rx	1 2	3		Pwr
40715 -18		~ CQ R2FAQ K004	•Kaliningr	ad					
40715 -19	0.1 1545	~ VK2VAR KE8IOL EN8	2 <mark>•</mark> U.S.A.	/	-90+ -80	GenMsgs	CQ	RRR SkipTx1	
			/		-70			O Tx <u>1</u>	
			/	*	60				Ö
				•	-50				
160 80	60 40	30 20 17	15 12 10 6	2	-40				
SWL mode	Log QSO	Stop Monito	r Dec <u>o</u> de	Erase	-20			C Tx <u>4</u>	£
	Sync	AGCc Filter	S meter					• O Tx <u>5</u>	
0m -	S	14,074 000	14:07:35	5	-	CQ DG2YCB	JO42	• Tx <u>6</u>	

Band Hopping

Band Hopping for FT8, FT4 and JT65! A new Tab 3 has checkboxes for the most important FT8, FT4 and JT65 frequencies. Just select the bands/modes you want and push the "Band Hopping" button. Automatic band hopping takes place every other full minute.

If you have a multiband antenna, this feature is very useful together with PSK Reporter to get an overview on the current propagation.

🗚 JTDX - FT991 - Wide Grap	h			– 🗆 X
✓ 500	1000 1500	2000	2500	3000 3500
16:45:45 10m		3313		
16:45:30, 10m				
16:45:15 10m -			E.	
✓ Bars Bins/Pixel 6 \$	Start 100 Hz 2 Palette Adjus	t ✔ Scale Cu	rrent 🔻	Gain 7 Zero -1
✓ Freq Timestamp Left ▼	N Avg 2 🗘 Digipan	▼ V Flatten Sp	ec 0 % 🗘	Gain 0 Zero 0
🚸 JTDX - FT991 by HF comm	nunity v2.2.1	59 , derivative work ba	ased on WSJT-X by K1JT	– 🗆 X
File View Mode Decode	Save AutoSeq DXpedition Misc		UTC dB DT Freq	Message Rx Frequency
164515 -10 1.0 2626 ~	Avg=0.25 Lag=+4.33/17 • UN/GB PT2DPM GG66	Band Activity	one up prineq	Message Rx Frequency
	 EA4D PY2EDU GG66 W9AI IW0RLC R+04 	Brazil Italy		
164515 -11 0.4 1586 ~	UT4LA PU4DCN GH80	Brazil		
	CQ CX9AU GF15 4 UTC 10m	*Uruguay		
	CQ PP5HR GG53	Brazil		
	CQ ZS6HBE KG44	S. Africa		
	R5AJ PU3MSR R-17 PA2JFX CU6GT -13	Brazil Azores		
	EI3CN 7Q7EMH RR73	Malawi		
	• W09G EB3JT 73 • KD0IKH IK8TLZ JN70	Spain Italy		
	ZS1WC DG1ABE R-02	Germany		
	CE3WAQ S51TA JN75 D01VST PU5CVB -11	Slovenia Brazil		
164530 -14 0.2 422 ~	V51LZ 0Z1HFG J065	Denmark		
164530 -15 0.1 2348 ~ 164530 -14 0.4 293 ~	NIJTR EAGVO RR73	Balearic Is. Italy	Band Ho	opping
164530 -19 -0.1 3102 ~		*Italy	Dallu Hu	opping
164530 -15 -0.1 2262 ~ 164530 -19 0.2 2564 ~		Anguilla		{
	<> 0E8LSR JN76	Italy Austria		
	<> IK6PTH JN63	Italy		·
	CQ ON7FD J011 PY2EDU DG7LBB J053	Belgium Germany	Hound FT8 FT4	Л AutoSeq2 ТХ 15/45
164530 -16 0.8 451 ~	CX9AU HF9ZZ J090	Poland	DX Call DX Grid	Tx 1500 Hz + Report -15 +
	CQ MW0USK IO81	*Wales		▲ ▼ CL 100 % \$
164545 1 1.3 978 ~	DG1ABE ZS1WC -17	S. Africa		
	 EA4D PY2EDU GG66 ON7GB PY2DPM GG66 	*Brazil *Brazil	Lasha 1	
164545 •2 0.2 1816 ~	UX0DL PU3POE 73	*Brazil	Lookup Add	Tx/Rx Split Wanted
164545 -14 0.3 2954 ~ 164545 -10 -0.1 1733 ~	CQ V51LZ JG81	*Namibia Uruguay	Clear D <u>X</u> AutoTX	1 QSO Bypass AnsB4
164545 -10 0.4 1874 ~	ON6MDG ZS4JAN -06	S. Africa	Spt Enable Tx	Halt Tx Tune Menu 🗸
	VP2EIH IK2GOQ JN45	Italy		
	CQ LU7DZ GF11 F4JGI PP5TG RR73	Argentina *Brazil	Rx 1 2 3	Pwr
164545 -13 0.1 1477 ~	PD1HPB PP5MGT R-22	Brazil	_90. 160m ✔ 10r	n 40m FT4 3,567 -
	V9AI IW0RLC 73 V08PS NE9EE -12	*Italy U.S.A.	-80 80m 🗸 6m	30m FT4 7,056
164545 -19 0.5 1205 ~	IW8PQ <> -15		-70 60m 4m	✓ 20m FT4 _ 10,131
	CQ MW6PNW 1081 G4PMZ DH5BM J041	Wales Germany	-60 -50 ✓ 40m ✓ 2m	17m FT4 14,090
	LW7ESL LW8EUA GF05	Argentina 🔻	-40 🗸 30m 🗌 70c	m 🔄 15m FT4 🗹 18,095
•			-30 √ 20m 40r	n JT 🗌 12m FT4 🗌 21,091
S <u>W</u> L mode Log QSO	Stop Monitor Deco		-20	n JT ✔ 10m FT4 28,091
Sync	AGCc Filter S me			n JT Band Hopping
10m 💌 S 2	8,074 000 10	6:46:04	65dB ✓ 12m 10r	m JT
Receiving	FT8	WD 6m	4/15 Logd 2	6.02.2023 FT8 2264

Show distance and/or azimuth with grid

If a station sends a valid Maidenhead locator, JTDX_improved now automatically calculates the distance and the great-circle azimuth and displays it in the Band Activity pane.

A new "Align DXCC / distance / azimuth" checkbox allows you to keep the DXCC names (or principal prefixes) as well as distance/azimuth in an aligned table form. The spin box allows further configuration of the preferred layout. It sets the number of spaces between the DXCC and the distance/azimuth field. You can increase or decrease the default number.

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Limitation: Since normally only 4-digit grids are known for the other station, the accuracy of the calculation is limited, so that only at larger distances reliable values are to be expected.

🏶 JTDX - FT991 by	/ HF community	v2.2.159 , derivative work based on WSJT-X by K1J
File View Mode	Decode Save AutoSeq DXpedition	Misc Language Help
	Freq Avg=0.19 Lag=+5.62/25	
153330 -13 0.4		*Italy [862 km / 167°]
153330 -14 0.1		Italy [733 km / 177°]
	4 1437 ~ KOHMZ S58N 73	Slovenia
	2 2489 ~ K6VHF/4L PD3ED -12	Netherlands
	1 2109 ~ HC3RJ DK8ZB R-15	Germany
	1 901 ~ CQ EA2DR IN83	*Spain [1287 km / 227°]
153330 -18 0.1		Italy [1116 km / 161°]
153330 -14 0.2	2 648 ~ LU90ZX G800 J002	England [520 km / 278°]
153330 -20 0.2	2 2626 ~ CQ ON7FD J011	*Belgium [391 km / 263°]
153330 -18 0.1	1 579 ~ <> R1DD K059	EU Russia [1620 km / 51°]
153330 -15 0.4	4 729 ~ LU90ZX PD1DX -03	*Netherlands
153330 -18 -0.1	1 1115 ~ V51LZ PY2BEK -06	*Brazil
153330 -10 0.4	4 998 ~ DJ2GMS PU20YT -14	*Brazil
153330 -13 0.5	5 720 ~ PA5RH 7Q7EMH -11	Malawi
153330 -15 0.1	1 1716 ~ TG9ADV HB9RJD JN47	*Switzerland [511 km / 176°]
153330 -11 0.1	1 971 ~ PY4MAB DL5JAN J040	Germany [179 km / 170°]
153330 -19 0.3	3 1064 ~ CT2FYF SM10II J097	*Sweden [900 km / 44°]
153330 -17 0.3	3 1041 ~ M7SLE PP5HR -21	*Brazil
153330 -18 0.2	2 1737 ~ 4U13FEB DC5AJ J030	Germany [208 km / 213°]
26.02.23	15:33:59 UTC 10m	
	8 2290 ~ CQ PY2ANY GG66	*Brazil [9960 km / 229°]
	5 847 ~ CQ 4X1UF KM72	Israel [3046 km / 125°]
	1 1662 ~ CQ DL22PEACE	Germany
	2 2955 ~ CQ V51LZ JG81	*Namibia [8964 km / 172°]
	2 1827 ~ IW1QNQ RA4FUT R+16	EU Russia
	1 1247 ~ CQ AF OZ6ABA J057	*Denmark [623 km / 13°]
153345 -14 0.3		Argentina
153345 -14 0.3		Argentina
153345 -15 0.2		*U.S.A.
	3 2578 ~ IK2SAU HC2AO -20	*Ecuador
	9 2807 ~ CO2TZ PY2DPM GG66	*Brazil [9960 km / 229°]
	1 2392 ~ CN8AM YU7YZ -08	*Serbia
	2 1506 ~ 7Q7EMH OZ1RH -06	*Denmark
	3 2773 ~ CO2TZ CT2GQA IM58	*Portugal [2034 km / 229°]
	1 2182 ~ VP2EIH UR5ECW 73	*Ukraine
	2 1411 ~ KOVGB ISOKNG RR73	*Sardinia
153345 -18 0.3		U.S.A. [6542 km / 300°]
153345 -16 -0.2		*Puerto Rico [7428 km / 271°]
	2 2404 ~ CQ NA IZORVI JN62	Italy [1116 km / 161°]
153345 -19 -0.4		Italy
	1 1268 ~ SP4HXV PP5IP -18	*Brazil
	3 1126 ~ KA0BOJ I4BUQ 73	Italy
	1 1241 ~ N5NXS I1JTQ 73	Italy
153345 -16 0.4		Argentina [11728 km / 233°]
153345 -14 0.1	1 1730 ~ CX5ABM IK5ZAJ JN53	Italy [971 km / 168°]
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Receiving	FT8	WD 6m 12/15

The following screen shot shows the Band Activity pane with "Show distance in messages with gid", "Show azimuth in messages with gid" and "Align DXCC / distance / azimuth" enabled.

Use different background color for my call in messages

I implemented an option to highlight all messages with My Call by a yellow or cyan background (like WSJT-X).

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New Call K1ABC K1ABC New Call on Band/Mode K1ABC K1ABC Worked one K1ABC K1ABC											
Worked one K1ABC K1ABC											
		New Call on B	and/Mode	KI	ABC	K	1ABC				
		Worked	one	Ki	ABC	К	1ABC				
								_			

Search DX Call on QRZ.com

Double-click on the Lookup button searches on <u>QRZ.com</u> for the callsign from the DX Call box.

Audible Alerts

Play individual alert sounds as notifications ("New DXCC", "New Grid", "Calling You" and so on).

Use of this feature requires that your computer is equipped with two sound cards. This requirement is fulfilled when your rig is connected via USB audio (FT-991, IC-7300, etc.). The audio alerts will be played on the default audio device (usually the loudspeaker of your computer) while the normal JTDX_improved output is still lead to your rig only.

Configure audio alerts on the "Notifications" tab of Settings. Just select the checkboxes according to your needs.

Useful settings could for example be:

Settings											
General	<u>R</u> adio	A <u>u</u> dio	Sequencing) Tx <u>M</u> a	acros	Reportin <u>a</u>	Frequencies	Notifications	Filters	Scheduler	Advanced
New one' a	nd 'worked i	B4' status	notification	;							
✓ Check	and highligh	nt new CQ	z 🗸	per band	•	✓ per mode	Beep as v	vell	~	Play alert sour	per band
V Check	and highligh	nt new ITI	JZ 🗸	per band		✓ per mode	Beep as v	vell		Play alert sour	per band
✓ Check	and highligh	nt new DX	CC V	per band		✓ per mode	Beep as v	vell	v	Play alert sour	v per band
	and highligh		_	per band		✓ per mode	Beep as v	vell		Play alert sour	per band
	and highligh	-		per band		✓ per mode	Beep as v	vell		Play alert sour	per band
	and highligh			per band		per mode	Beep as v		Play alerte		r Rig is NOT connec
	ht worked o		•	strike it		underline it	don't sho				your rig via USB au
	e text/back		lor	SUINE IL		undenine it	uon t sho			udio sink 'Defaul	
		-						and don't r	ane uns al	uulo sirik detau	
	ht other sta		-		_		_				
✓ Use dif	fferent back	kground o	olor for / my	call in mess	age	 Beep on my 	cal Beep on 1	1st decoded mes	sage 🗸	Alert on my ca	Alert on DX C
	_					es with DX Call	V Highlight	messages with D	V Crid		
_	✓ Other sta	yellow	essages V		-		blue / my call at Q	_			
1arkers	✔ Other sta	andard m	essages v	red / my	call in r K1	message	blue / my call at Q	SO 🗌 Hide hir	nt char		
1arkers	✔ Other sta	andard m	essages v	red / my	call in r K1 Q/73 in	nessage	blue / my call at Q	SO 🗌 Hide hir in message	nt char	er standard mes	sage
1arkers	✔ Other sta	andard m nsmitted n RR73/	essages nessage /73 N	red / my	call in r K1 Q/73 in K1	ABC n message ABC	blue / my call at Q	SO Hide hir in message	nt char	er standard mes	sage
1arkers	Other sta on tips Tran	andard m nsmitted n RR73/ New CC	essages nessage (73 QZ	red / my	Call in r K1 Q/73 in K1 K1	ABC message ABC ABC ABC	blue / my call at Q My Call K	SO Hide hir in message 1ABC LABC	nt char	er standard mes	sage
1arkers	Other sta on tips Tran	andard m nsmitted n RR73/ New CC	essages nessage 773 No 22 and/Mode	red / my	Call in r K1. Q/73 in K1. K1.	ABC ABC ABC ABC ABC ABC ABC	blue / my call at Q My Call	SO Hide hir in message IABC IABC IABC	nt char	er standard mes	sage
1arkers	Other state on tips Tran New C	andard m nsmitted n RR73/ New CC CQZ on Ba New ITT	essages nessage 773 No 22 and/Mode	red / my	call in r K1 Q/73 in K1 K1 K1	ABC message ABC ABC ABC	blue / my call at Q My Call Ki Ki Ki Ki	SO Hide hir in message IABC IABC IABC IABC	nt char	er standard mes	sage
1arkers	Other state on tips Tran New C	andard m nsmitted n RR73/ New CC CQZ on Ba New ITT	essages nessage (73 QZ and/Mode JZ and/Mode	red / my	Call in n K1 Q/73 in K1 K1 K1 K1	ABC message ABC ABC ABC ABC ABC ABC ABC	blue / my call at Q My Call Ki Ki Ki Ki Ki Ki	SO Hide hir in message IABC IABC IABC	nt char	er standard mes	sage
1arkers	Other state on tips Tran New C New I	andard m nsmitted n RR 73/ New CC CQZ on B New TT TUZ on B New DX	essages nessage (73 QZ and/Mode JZ and/Mode	red / my	Call in r K1. Q/73 in K1. K1. K1. K1. K1.	ABC ABC ABC ABC ABC ABC ABC ABC ABC ABC	blue / my call at Q My Call Ki Ki Ki Ki Ki Ki Ki Ki Ki Ki Ki	SO Hide hir in message IABC IABC IABC IABC IABC IABC	nt char	er standard mes	sage
1arkers	Other state on tips Tran New C New I	andard m nsmitted n RR 73/ New CC CQZ on B New TT TUZ on B New DX	essages message (73 2Z and/Mode JZ and/Mode CC and/Mode	red / my	Call in r K1. Q/73 in K1. K1. K1. K1. K1. K1.	ABC ABC ABC ABC ABC ABC ABC ABC ABC ABC	blue / my call at Q My Call My Call Ki	SO Hide hir in message IABC IABC IABC IABC IABC IABC IABC	nt char	er standard mes	sage
1arkers	✓ Other sta on tips Tran New C	andard m nsmitted n RR73/ New CC CQZ on Ba New ITT TUZ on B New DX XCC on B New Gr	essages message (73 2Z and/Mode JZ and/Mode CC and/Mode	red / my	K1. Q/73 in K1. K1. K1. K1. K1. K1. K1. K1.	ABC ABC ABC ABC ABC ABC ABC ABC	blue / my call at Q My Call Ki Ki Ki Ki Ki Ki Ki Ki Ki	SO Hide hir in message IABC IABC IABC IABC IABC IABC IABC IABC	nt char	er standard mes	sage
1arkers	✓ Other sta on tips Tran New 0 New 1 New 0	andard m nsmitted n RR73/ New CC CQZ on Bi New ITI TUZ on B New DX XCC on B New Gr Grid on Ba New Pre	essages nessage 773 2Z and/Mode JZ and/Mode id and/Mode ifix	red / my	K1. Q/73 in K1. K1. K1. K1. K1. K1. K1.	ABC ABC ABC ABC ABC ABC ABC ABC ABC ABC	blue / my call at Q My Call Ki	SO Hide hir in message 1ABC LABC LABC LABC LABC LABC LABC LABC L	nt char	er standard mes	sage
4arkers	✓ Other sta on tips Tran New 0 New 1 New 0	andard m nsmitted n RR73/ New CC CQZ on B New ITI TUZ on B New DX XCC on B New Gr Grid on B New Pre refix on B	essages nessage 173 2Z and/Mode JZ and/Mode id and/Mode ifix and/Mode	red / my	Call in r K1. Q/73 in K1. K1. K1. K1. K1. K1. K1. K1.	ABC ABC ABC ABC ABC ABC ABC ABC ABC ABC	blue / my call at Q My Call Ki	SO Hide hir in message 1ABC IABC IABC IABC IABC IABC IABC IABC I	nt char	er standard mes	sage
4arkers	✓ Other sta on tips Tran New 0 New 1 New 0 New 0	andard m nsmitted n RR73/ New CC CQZ on B New ITI TUZ on B New ITI TUZ on B New OX OXCC on B New Gr Grid on Ba New Pre refix on B New C	essages nessage 773 2Z and/Mode JZ and/Mode id and/Mode ifix iand/Mode and/Mode and/Mode	red / my	K11 Q/73 in K11 K11 K11 K11 K11 K11 K11 K11 K11 K1	ABC ABC ABC ABC ABC ABC ABC ABC ABC ABC	blue / my call at Q My Call My Call Ki	SO Hide hir in message 1ABC 1ABC 1ABC 1ABC 1ABC 1ABC 1ABC 1ABC	nt char	er standard mes	sage
	✓ Other sta on tips Tran New 0 New 1 New 0 New 0	andard m nsmitted n RR73/ New CC CQZ on B New ITI TUZ on B New ITI TUZ on B New OX OXCC on B New Gr Grid on Ba New Pre refix on B New C	essages nessage (73 2Z and/Mode JZ and/Mode id and/Mode ifix iand/Mode and/Mode and/Mode	red / my	K1. Q/73 in K1. K1. K1. K1. K1. K1. K1. K1. K1. K1.	ABC ABC ABC ABC ABC ABC ABC ABC ABC ABC	blue / my call at Q My Call My Call Ki	SO Hide hir in message 1ABC 1ABC 1ABC 1ABC 1ABC 1ABC 1ABC 1ABC	nt char	er standard mes	sage

Highlight messages with DX Call / DX Grid

													?
Genera <u>l</u>	<u>R</u> adio	A <u>u</u> dio	Sequen	cing	Tx <u>M</u> acros	Reporting	Frequencies	Notificati	ons	Filters	Scheduler	Adva	nced
New one' a	and 'worke	ed B4' statu	us notificat	ions									
✓ Check	k and highl	light new O	QZ	✓ per	r band	✓ per mode	Beep as	well			Play alert so	un 🗌 pe	r band
✓ Ched	k and highl	light new Π	TUZ	✓ per	r band	✓ per mode	Beep as	well			Play alert so	un 🗌 pe	r band
✓ Check	k and highl	light new D	XCC	✓ per	r band	✓ per mode	Beep as	well		~	Play alert so	un pe	r band
✓ Ched	- k and highl	- light new gi	rids	per	r band	✓ per mode	Beep as	well			Play alert so	un 🗌 pe	r band
_	-	light new p		per	r band	✓ per mode	Beep as	well			Play alert so		r band
_	-	light new ca		✓ per		per mode			rtant: P	lav alerts	only when yo		
_	ght worke	-	0.00		ike it						ice !!! Connec	-	
	-	ackaround o	color	30	inc in						udio sink 'Defa		Via 030 aug
_		standard m						anu u	ontria	ine uns au		uit.	
	-		-										L DY C
		_	i i	-		Beep on r		1st decoded		<u> </u>	Alert on my o		ert on DX Ca
✓ c	yan	yellow		V Hig	blight messa	ages with DX C		messages w	vith DX	Grid			
Markers		standard r	L		ed / my call i	-	blue / my call at 0		de hint				
Markers	tion tips		messages		ed / my call i	n message							
Markers	tion tips	ransmitted	messages message	√ re	ed / my call i	n message	blue / my call at C	2SO 🗌 Hi	de hint	char	r standard me	essage)
Markers	tion tips		messages message		ed / my call in H CQ/73	n message	blue / my call at C		de hint	char	r standard me	essage]
Markers	tion tips	ransmitted	messages message 3/73	√ re	ed / my call in P CQ/73	n message K1ABC in message	blue / my call at C	2SO Hi	de hint	char	r standard me	essage]
Markers	tion tips	ransmitted RR73	messages message 3/73	▼ re	ed / my call ii H CQ/73 H	n message	blue / my call at C	2SO Hi in message	de hint	char	r standard me	essage]
Markers	tion tips	ransmitted RR73 New C	messages message 3/73 CQZ Band/Mode	▼ re	ed / my call in CQ/73	n message	blue / my call at C	IABC	de hint	char	r standard me	essage)
Markers	tion tips	ransmitted RR 73 New C w CQZ on E	messages message 3/73 CQZ Band/Mode TUZ		ed / my call in CQ/73	n message [K1ABC 3 in message K1ABC K1ABC K1ABC	blue / my call at C	in message IABC IABC IABC	de hint	char	r standard me	essage)
Markers		ransmitted RR73 New C w CQZ on E New IT w ITUZ on E New D)	messages message 3/73 CQZ Band/Mode TUZ Band/Mode XCC		ed / my call in CQ/73 H	n message (K1ABC B in message K1ABC K1ABC K1ABC K1ABC K1ABC	blue / my call at C	in message IABC IABC IABC IABC IABC	de hint	char	r standard me	essage)
Markers		ransmitted RR73 New C w CQZ on E New T w ITUZ on E New D v DXCC on	messages message 3/73 CQZ Band/Mode TUZ Band/Mode XCC Band/Mode		ed / my call in CQ/73	n message (KIABC B in message KIABC KIABC KIABC KIABC KIABC KIABC KIABC KIABC	blue / my call at C	in message TABC TABC TABC TABC TABC TABC TABC TABC	de hint	char	r standard me	essage)
Markers	Ition tips	ransmitted RR73 New C w CQZ on E New T w ITUZ on E New D v DXCC on New G	messages message 3/73 CQZ Band/Mode TUZ Band/Mode XCC Band/Mode Srid		ed / my call in CQ/73	n message (K1ABC B in message K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC	blue / my call at C	in message IABC IABC IABC IABC IABC IABC IABC IABC	de hint	char	<u>r standard me</u>	essage)
Markers	Ition tips	ransmitted RR73 New C w CQZ on E New II w ITUZ on E New D v DXCC on New G w Grid on E	messages message 3/73 CQZ Band/Mode TUZ Band/Mode XCC Band/Mode Grid Band/Mode		ed / my call ii	n message (K1ABC B in message K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC	blue / my call at C	in message IABC IABC IABC IABC IABC IABC IABC IABC	de hint	char	r standard me	essage)
Markers	Nev	ransmitted RR73 New C w CQZ on E New II w ITUZ on E New D v DXCC on New G w Grid on E New Pr	messages message 3/73 CQZ Band/Mode TUZ Band/Mode Srid Band/Mode refix		ed / my call ii	n message (K1ABC B in message K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC K1ABC	blue / my call at C	in message IABC IABC IABC IABC IABC IABC IABC IABC	de hint	char	r standard me	essage	
	Nev	ransmitted RR 73 New C w CQZ on E New T w TTUZ on E New D New G w Grid on E New Pr v Prefix on	messages message 3/73 2QZ Band/Mode TUZ Band/Mode Srid Band/Mode refix Band/Mode		ed / my call ii	n message (K1ABC B in message K1ABC K1A	blue / my call at C	in message TABC TABC TABC TABC TABC TABC TABC TABC	de hint	char	r standard me	essage	
Markers	Nev	ransmitted RR 73 New C w CQZ on E New T w TTUZ on E New D New G w Grid on E New Pr v Prefix on New C	messages message 3/73 2QZ Band/Mode TUZ Band/Mode Gand/Mode refix Band/Mode call		ed / my call ii	n message (K1ABC B in message K1ABC K1A	blue / my call at C	in message (1ABC 1ABC 1ABC 1ABC 1ABC 1ABC 1ABC 1ABC	de hint	char	r standard me	essage	
Markers	Nev	ransmitted RR 73 New C w CQZ on E New T w TTUZ on E New D New G w Grid on E New Pr v Prefix on	messages message 3/73 CQZ Band/Mode TUZ Band/Mode Srid Band/Mode refix Band/Mode call Band/Mode		ed / my call ii	n message (K1ABC B in message K1ABC K1A	blue / my call at C	in message TABC TABC TABC TABC TABC TABC TABC TABC	de hint	char	r standard me	essage	

17.01.2	23 14:22:1	3 UTC 20m	
142200 -2 0	0.1 759 ~	CQ MØFOX IO93	England
142200 0 0	0.1 2754 ~	YCØBJJ LY3PW R-12	°Lithuania
142200 -4 🤅	0.2 2063 ~	CQ LZ6DX KN23	Bulgaria
142200 -4 🤅	0.1 957 ~	CQ HA1ZW JN86	*Hungary
	0.3 2661 ~	EA2RE DU6/PE1NSQ RR73	 Philippines
		E74K S55VN JN76	*Slovenia
		<> II0TOUR RR73	Italy
		YB5QZ F1PGQ -15	*France
		CQ D1DX KN87	*where?
		G4HUE UI4P RR73	•EU Russia
		W4PKU 2E0KBX IO90	England
		JR3UVW MØWGI -24	*England
		W4PKU G0FYQ I093	England
		F9DK IK4RVY -17	*Italy
		CQ R7BL LN06	*EU Russia
		VK100 HA7JDU R-15	*Hungary
		CQ HB9ACA JN36	°Switzerland
		2E0FNM HA5SIP JN97	Hungary
		PAØGRU IK7JVE -11	•Italy
		IK1MJK PA1TLO JO21	Netherlands
		HA2BJ RX9ATX -05	AS Russia
		RZ9CM MØTLJ R-04	*England
		BH1TSU PA5TS -07	Netherlands
			 Poland
		KO4DCR IV3PTU JN65	Italy
142200 -14 (0.3 1992 ~	UA4PEF LZ2MP KN23	Bulgaria

Highlighting of callsign and/or gird by JTAlert

Let JTAlert highlight individual callsigns, grids or DT values. It works from JTAlert version 2.51.3 on like with WSJT-X or wsjt-x_improved.

🕼 Callsigns #1			– 🗆 X
All decodes			
D05H0K PY4MAB DL22PEACE NE9EE IN +01 Germany -05 Brazil 00 Germany -13 U.S.A.		J3POE 💿 * ZS4JAN B4 73 18 Brazil -09 S. Africa	HC3RJ CO -19 Ecuador
1 # Callers : Alert	2 Alerts O	nly	,
	-13 U.S		
0 8 1 0 2 1 10m FT8 [Filtered] default	· · /		\$
+ JTDX - FT991 by HF community v2.2.	159 , derivative work b	ased on WSJT-X by K1JT	- 🗆 X
File View Mode Decode Save AutoSeg DXpedition Miso	: Language Help		
UTC dB DT Freq Avg=0.23 Lag=+5.20/25	Band Activity	UTC dB DT Freq	
163030 -11 0.5 504 ~ VE3RJE 558N -22 163030 -10 0.1 1078 ~ DG1ABE PP5MGT GG53	slovenia Brazil	161545 -13 0.1 1507 161600 -16 -0.6 1492	~ /U/EMH UZIRH -02
163030 -11 -0.2 1356 ~ PY2EM DL5ASK RR73	*Germany	161615 -13 0.2 1507	~ 7Q7EMH 0Z1RH -02
163030 -13 0.0 806 ~ ZS1WC MM0BSM -07 163030 -14 0.1 2050 ~ CE3WAQ EB3JT 73	*Scotland *Spain	161630 -9 -0.6 1492 161645 -14 0.2 1508	
163030 -14 -0.1 1847 ~ NE9EE SP3QDM J082	*Pøland	161700 -18 -0.5 1491	
163030 -15 0.2 2347 ~ CQ EA6VQ JM19 163030 -20 0.0 1228 ~ CQ PD1HPB J022	Balearic Is. *Netherlands	161730 -15 -0.6 1492 161815 -16 0.1 1506	
163030 -15 0.3 1392 ~ K2HT I50TA RR73	∲Italy	161830 -16 -0.5 1492	
163030 -10 0.1 2170 ~ ZP5DNB OE6TQG 73 163030 -15 0.1 1203 ~ HH75RCH DJ6EA JN48	Austria Germany	161900 -16 -0.6 1492 161915 -14 0.2 1507	
163030 -16 0.1 1925 ~ PU3POE IK5ZAJ JN53	*Italy	161930 -22 -0.5 1492	~ DF3AH HZ1CY RR73
163030 -18 0.2 1735 ~ NE9EE PA2WDR J021	*Netherlands	161945 -16 0.2 1507 162000 -16 -0.5 1492	
163030 -19 1.8 1432 ~ WX9WTF IW2BUW JN45 163030 -17 0.4 293 ~ HP2DFA IK4LZH JN54	Italy Italy	162015 -17 0.2 1507	
163030 -16 0.1 2086 ~ HP2DFA D07TW JN49	*Germany	162030 -19 -0.6 1493 162045 -18 0.2 1507	
163030 -22 0.3 1017 ~ CQ MW0USK I081 163030 -18 0.1 2048 ~ VE3WVA DL8BDU -17	*Wales Germany	162100 -22 -0.6 1492	-
163030 -22 -0.0 3027 ~ CQ IW4EGP JN64	*Italy		~ HZ1CY PD1APN R-24
163030 -19 0.1 1114 ~ K5EY IZ5IIN RR73	Italy		~ PD1APN HZ1CY RR73 ~ HZ1CY PD1APN R-24
163045 1 0.1 402 ~ CQ DO5HOK JO42	*Germany		~ HZ1CY PD1APN R-24
163045 -4 1.0 1145 ~ LU1XCG PY2DPM GG6 163045 -5 0.2 2505 ~ CQ PY4MAB GG68	*Brazil Brazil	162245 -14 0.0 1493	~ HZ1CY PD1APN R-24 V
163045 -1 1.2 804 ~ MM0BSM ZS1WC R-25	S. Africa		
163045 0 0.1 1663 ~ CQ DL22PEACE	Germany	Hound FT8 FT4	JT AutoSeq2 TX 15/45
163045 -3 0.6 2738 ~ 9A1AD PU4KOM GG79 163045 -4 0.1 1892 ~ VU3YDA PY2XL /14	Brazil Brazil	DX Call DX Grid	Tx 1500 Hz 🗘 Report -15 🗘
163045 -3 0.2 2813 ~ VU3YDA PU3MSR R-16	Brazil		🔺 🔻 CL 100 % 🌩
163045 -6 0.3 2954 ~ PD0LH V51LZ RR73 163045 -13 0.1 981 ~ PP5CFL DG1ABE RR73	*Namibia *Germany		Rx 1500 Hz 🗘 DT 0,0 s 🌩
163045 -6 0.1 1356 ~ DL5ASK PY2EM 73	*Brazil	Lookup Add	Tx/Rx Split Wanted
163045 -13 0.3 1735 ~ SP3QDM NE9EE -18 163045 -16 0.4 1204 ~ IT9VCE HH75RCH RRR	U.S.A. Haiti	Clear DX AutoTX	1 QSO Bypass AnsB4
163045 -16 -0.1 916 ~ XE3E IWORLC JN63	*Italy		
163045 -20 0.3 1802 ~ CQ DJ1AA J041 163045 -17 2.2 1453 ~ LX2RS LU8EEY R-08	*Germany Argentina	Spt Enable Tx	Halt Tx Tune Menu V
163045 -14 0.2 451 ~ US4IQ XQ3MCC RR73	*Chile	Rx 1 2 3	Pwr
163045 -8 0.1 1922 ~ CQ PU3POE GG40 163045 -9 0.4 1875 ~ N5VIS ZS4JAN RR73	*Brazil *S. Africa		
163045 -14 0.2 1340 ~ EA3HMM W3RFC -07	U.S.A.	-90- GenMsgs C	CQ RRR SkipTx1
163045 -10 0.3 1623 ~ SP5MXZ PY1SW 73 163045 -16 0.1 1663 ~ R2BDR PU20NQ R-13	*Brazil Brazil	-70	Tx 1 -
163045 -16 0.1 1665 ~ R2BDR P020N0 R-15 163045 -23 0.2 1941 ~ XE3E 0E8LSR JN76	*Austria	► <u>-</u> 60	Tx 2
163045 -19 0.2 1810 ~ CQ HC3RJ FI06 163045 -17 0.1 1268 ~ LA3DV PP5IP 73	*Ecuador *Brazil 💌	-50	
103045 -17 0.1 1200 ~ LASUV PPSIP 73	*Brazit *	-40	
	ode Erase	-20	○ Tx <u>4</u>
	eter	-10	▼ 0 Tx <u>5</u>
	6:31:07	62dB CQ DG2YCB JO42	• Tx <u>6</u>
Receiving FT8	WD 6m	7/15 Logd 2	6.02.2023 FT8 2264