



# A CACCIA DEL DX

Relatore IW9GMF  
Vincenzo Landro





# A CACCIA DEL DX

UN ALTRO CAPITOLO SUL DX, DOPO LA SERATA A CURA DI NUCCIO IT9RYJ

**DXING**  
**AFFRONTIAMO IL PILE-UP !**  
**IT9RYJ**

- PILE-UP
- CODE OF CONDUCT
  - ASCOLTARE
  - IL TIMING
  - LO SPLIT
- COSA NON FARE
- COSA CI PUO' AIUTARE

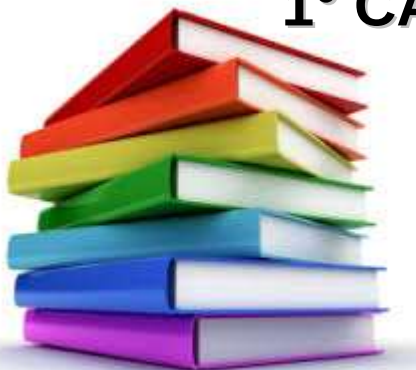
## LA QUADRILOGIA

1° CAPITOLO – DXING AFFRONTIAMO IL PILE-UP

2° CAPITOLO – FT8&Co

3° CAPITOLO – **A CACCIA DEL DX**

4° CAPITOLO - . . . . .





# A CACCIA DEL DX

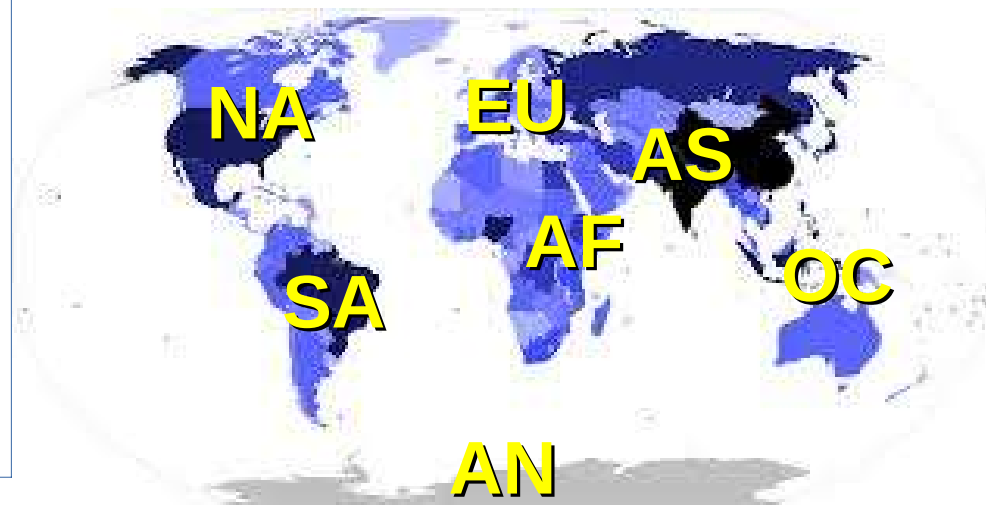
## COSA E' IL DX ?

	13cm	6m	10m	12m	15m	17m	20m	30m	40m	80m	160m
SSB	NEW		✓	✓	✓	✓	✓		NEW	NEW	NEW
CW	NEW		✓	✓	✓	✓	✓	NEW	NEW	NEW	NEW
FT8			✓	✓		✓	✓	✓	✓	NEW	NEW
RTTY					✓	NEW					

NEW ONE

MODO

BANDA



TOP TEN  
MOST  
WANTED  
SECONDO  
CLUBLOG  
(EU)

Rank	Prefix	Entity Name
1.	P5	DPRK (NORTH KOREA)
2.	3Y/B	BOUVET ISLAND
3.	FT5/W	CROZET ISLAND
4.	BS7H	SCARBOROUGH REEF
5.	CE0X	SAN FELIX ISLANDS
6.	BV9P	PRATAS ISLAND
7.	KH7K	KURE ISLAND
8.	KH3	JOHNSTON ISLAND
9.	3Y/P	PETER 1 ISLAND
10.	FT5/X	KERGUELEN ISLAND

CON IL TERMINE "DX"  
USUALMENTE SI INTENDE UN  
QSO CON UN OM DI UN  
ALTRO CONTINENTE.

> NEW DX(CC) (ATNO – All  
Time New One)

> NEW ONE

BANDA / MODO



# **A CACCIA DEL DX**

**TECNICHE OPERATIVE CON LA RADIO**

**LA PIANIFICAZIONE A TAVOLINO**

**LAVORARE IL DX**

**IL DX SECONDO CLUBLOG**

**IL DX...**







# TECNICHE OPERATIVE CON LA RADIO



**5 MEMORIE FONIA**  
**5 MEMORIE CW**

**YAESU FH-2**

**MAI PIU' MAL DI GOLA O CRAMPI ALLE MANI**  
**L'FH-2 FA LO SPORCO LAVORO PER NOI**

**A CACCIA DEL DX**



# TECNICHE OPERATIVE CON LA RADIO



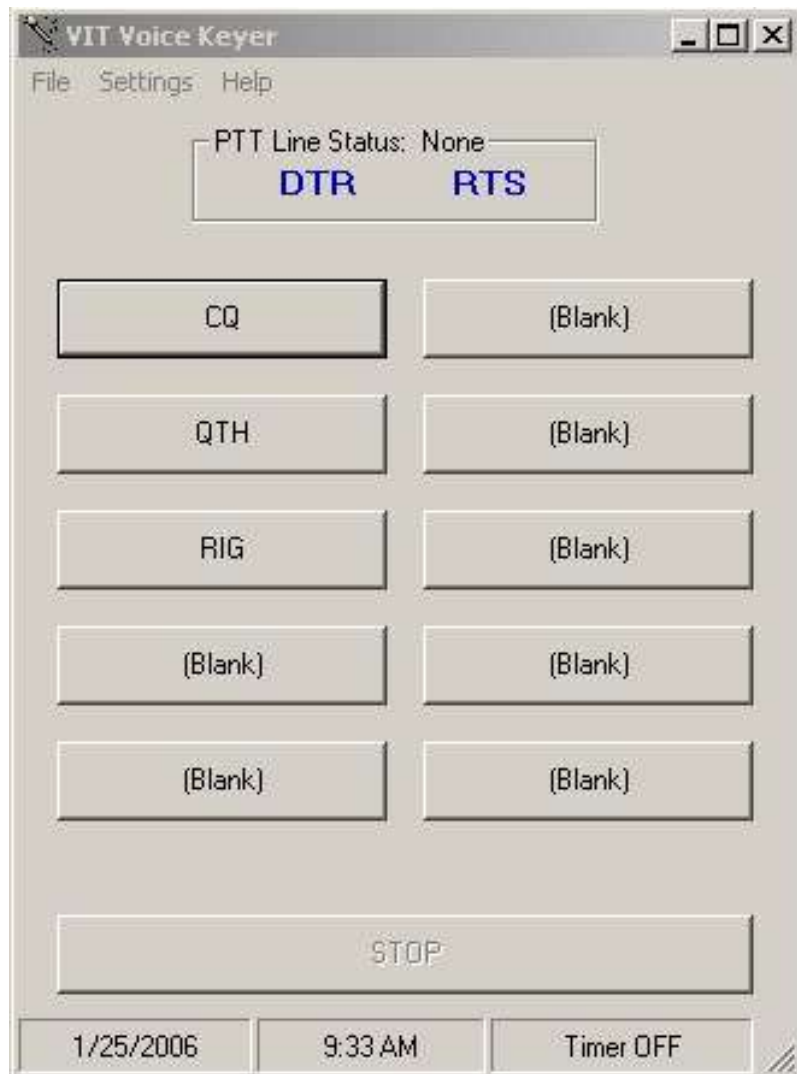
**VOICE KEYER  
CW KEYER  
COMMERCIALI**



**A CACCIA DEL DX**



# TECNICHE OPERATIVE CON LA RADIO

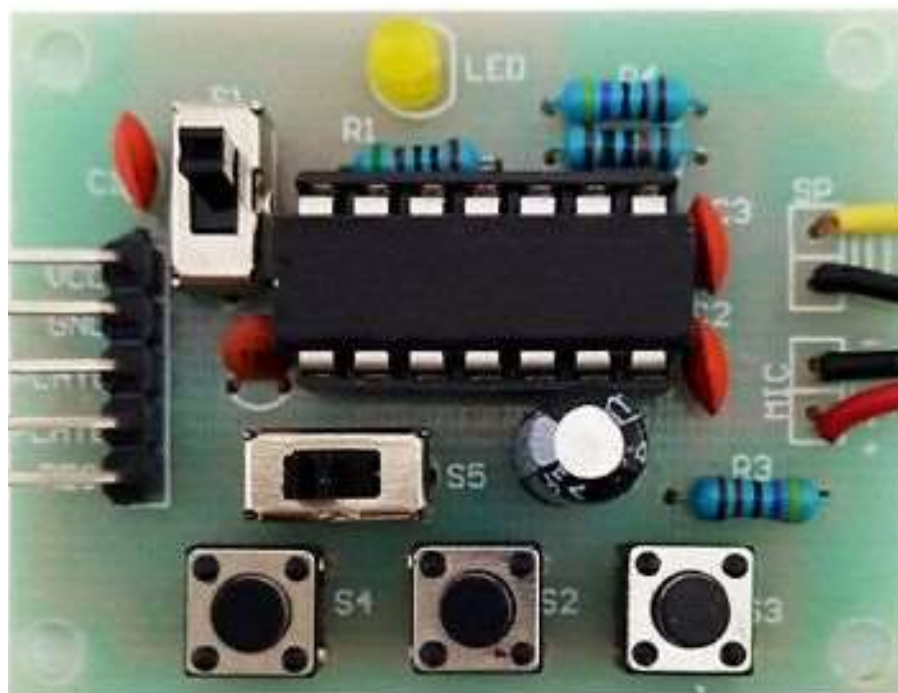


## VOICE KEYER SOFTWARE CON GESTIONE PTT



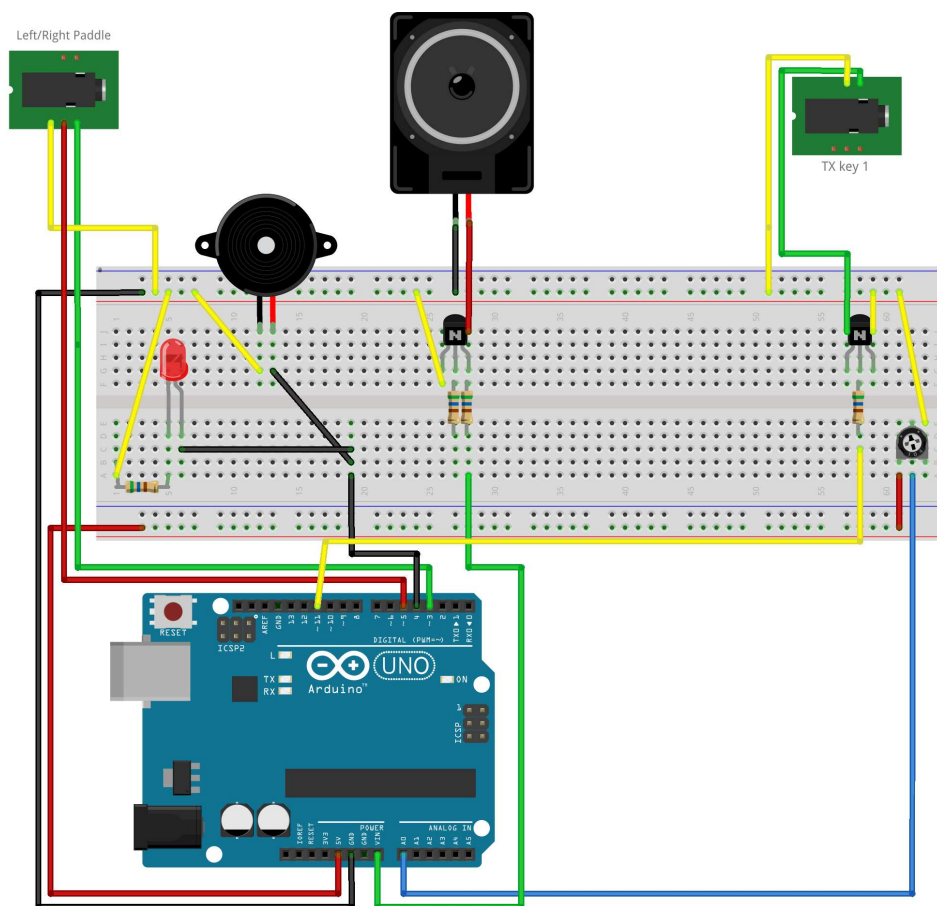
# TECNICHE OPERATIVE CON LA RADIO

## VOICE RECORDER BULK





# TECNICHE OPERATIVE CON LA RADIO



## ARDUINO CW KEYER



## UPGRADE

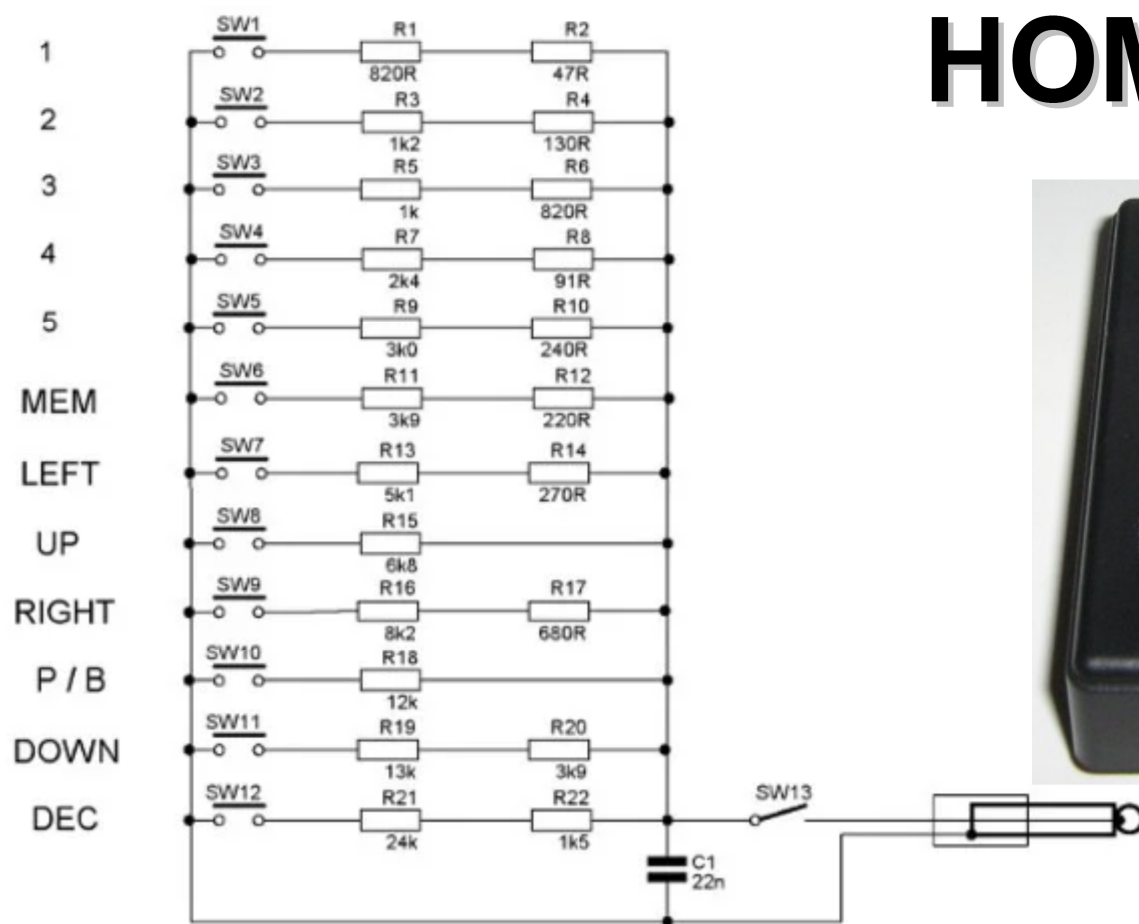
A CACCIA DEL DX





# TECNICHE OPERATIVE CON LA RADIO

## YAESU FH-2 HOMEMADE

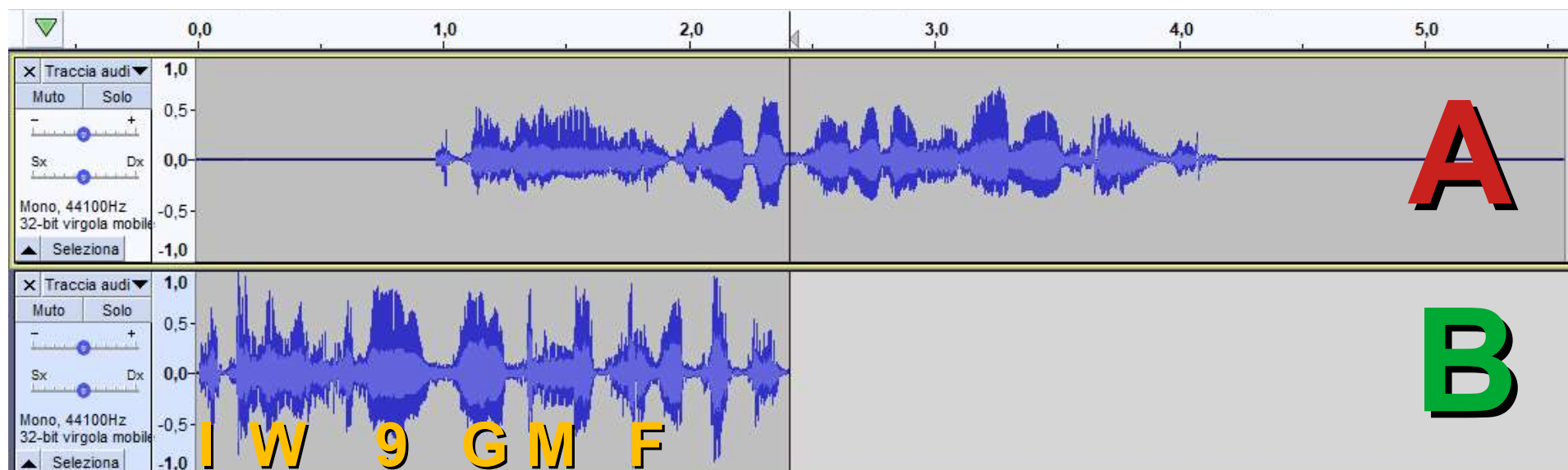


A CACCIA DEL DX



# TECNICHE OPERATIVE CON LA RADIO

## I FILES AUDIO NEI VOICE KEYS



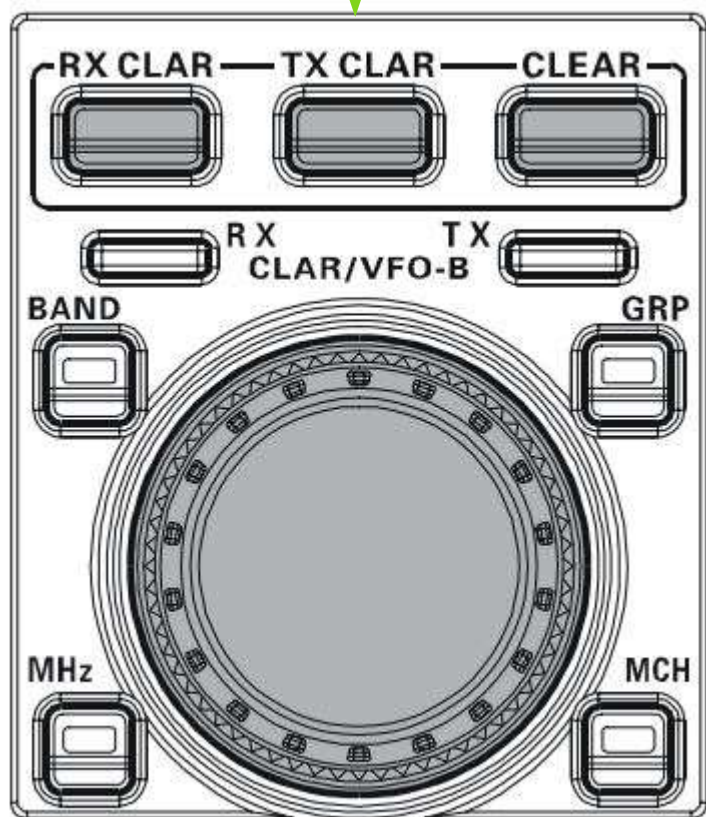
- A) TROPPO LUNGO > 5 SECONDI, 1 SECONDO DI SILENZIO ALL'INIZIO, >1,5 SECONDI ALLA FINE**  
**B) CORRETTO, BREVE**



# TECNICHE OPERATIVE CON LA RADIO

SSB CW & DIGI (NO FT8)

USARE IL **TX CLAR**  
AL POSTO DELLO  
**SPLIT (+ - 9,99 KHZ)**



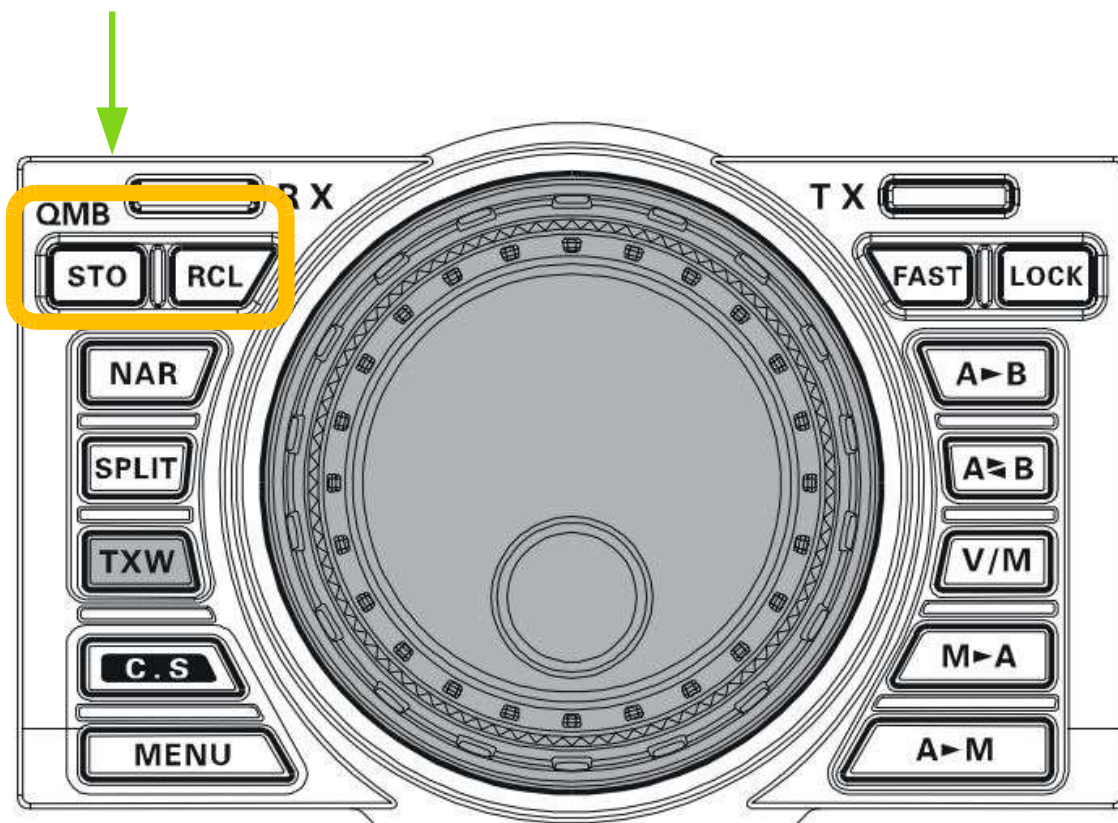
**YAESU FT-950**



**A CACCIA DEL DX**



# TECNICHE OPERATIVE CON LA RADIO



**IL BANCO QMB 5**  
**MEMORIE DA**  
**MEMORIZZARE**  
**[STO]**  
**RICHIAMARE**  
**[RCL]**  
**AL VOLO**

**YAESU FT-950**

**A CACCIA DEL DX**

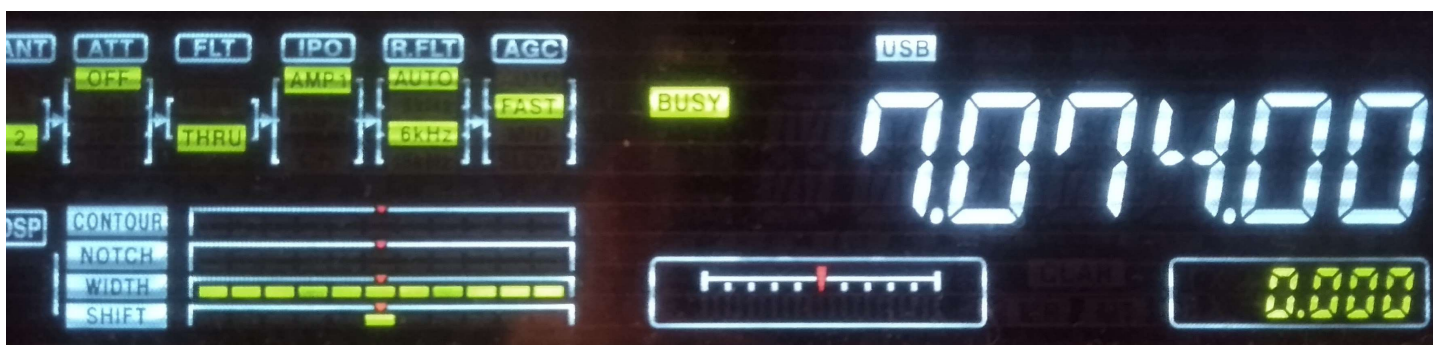




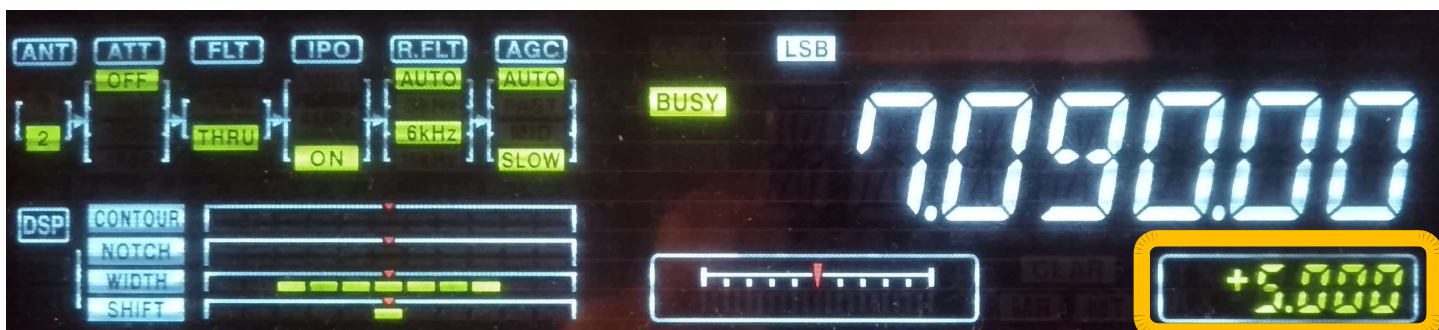
# TECNICHE OPERATIVE CON LA RADIO

## I TRE VFO PER BANDA DELLO YAESU FT-950

**DIGI**



**SSB**



**CW**



**A CACCIA DEL DX**





# LA PIANIFICAZIONE A TAVOLINO

L'APPROCCIO VERSO I DX O LE DXPED ANNUNCIATE COME  
UNO **STRATEGA MILITARE**, PIANIFICAZIONE ED ATTACCO



**A CACCIA DEL DX**



# LA PIANIFICAZIONE A TAVOLINO

## FREQUENTARE IL WEB



Powered by IC



Announced DX Operations: 2020

[\[About ADXO\]](#) [\[ADXO Text Version\]](#) [\[Abbreviations\]](#) [RSS](#)

[\[Submit a Dxpedition\]](#)

[\[Cal DXCAL link\]](#)

[Active/Upcoming](#) [Expired](#) [Previous Years](#)

[Expired Contest and Special Operations \(1996+\)](#)

Last updated: Saturday, 25-Apr-2020 00:10:00 EDT

[\[Currently Active Operations\]](#)  
[Spots provided courtesy of [DX Watch](#)]

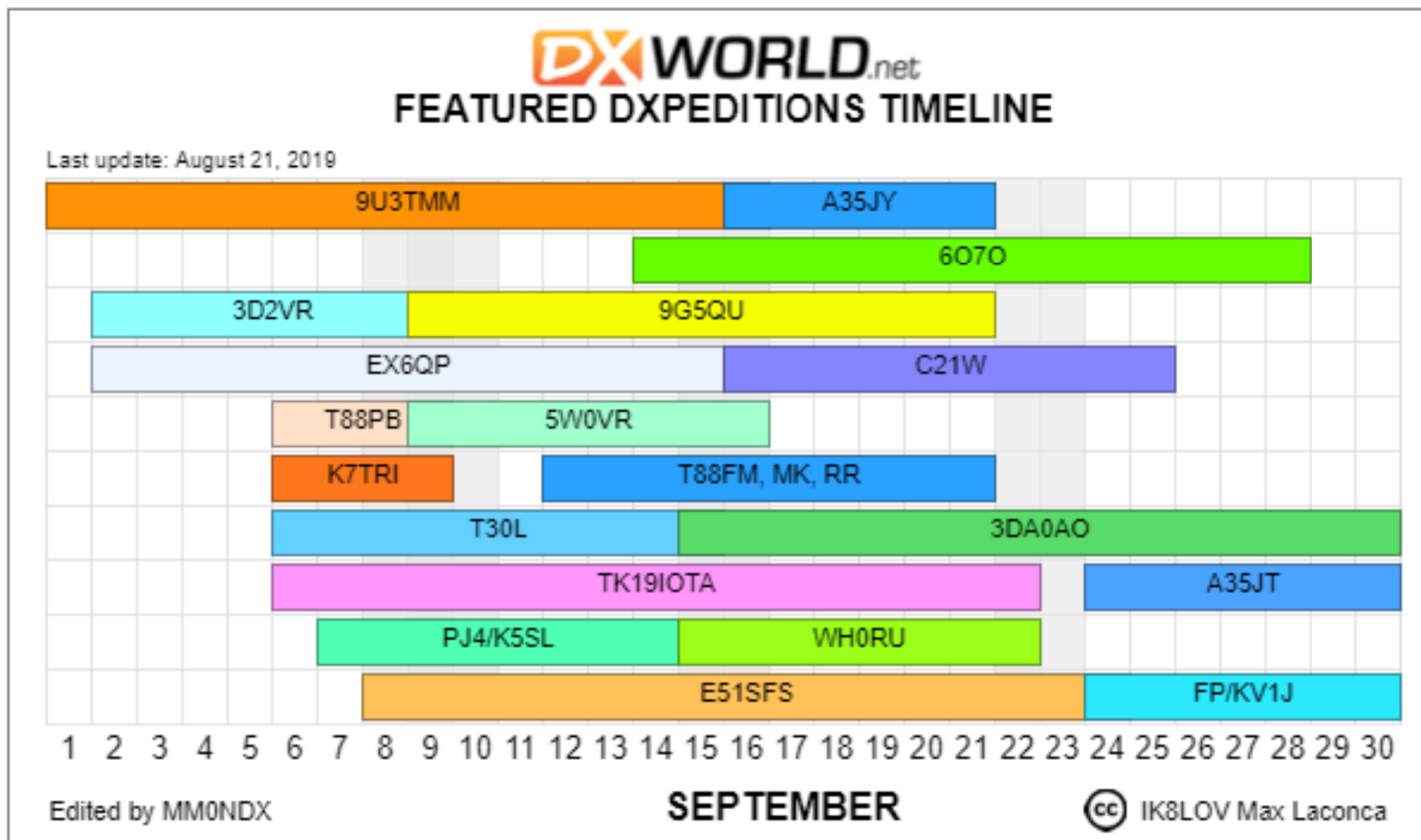
Start Date	End Date	DXCC Entity	Call	QSL via	Reported by	Info
2020	2020	NG3K	NG3K	NG3K	NG3K	NG3K
<b>April</b>						
2020 Apr14	2020 May15	Ghana	9G5GS [spots]	LoTW	TDDX 20200331	By IZ4YGS fm Sanzule; 160-10m; mainly SSB FT8; 1kw; QSL OK via IZ4YGS direct and eQSL
2020 Apr14	2020 Apr30	Cambodia	XU7AMG [spots]	BG9XD	TDDX 20200415	By BG9XD; 80 40 20 15 10m; SSB RTTY; to continue until Jun 14
2020 Apr18	2020 May02	Brunei	V84SAR [spots]	See Info	TDDX 20200420	By ops; all bands; CW SSB + digital; for World Amateur Radio Day; QSL: PO Box 849, MPC Old Airport, Berakas BSB BB3577, Sultanate of Brunei
<b>May</b>						
2020 May04	2020 May12	Maldives	8Q7KB	LoTW	TDDX 20190912	By DL2SBY fm Meedhupparu; 80-6m; SSB CW + digital; inverted vee; QSL also OK via DL2SBY direct; logs will be

A CACCIA DEL DX



# LA PIANIFICAZIONE A TAVOLINO

LA “TIMELINE” DI DXWORLD.NET



A CACCIA DEL DX





# LA PIANIFICAZIONE A TAVOLINO

## CALENDARIO DX

Announced DX Operations: 2020

[NG3K Home](#) [AD XO](#) [Contest](#) [DXCC](#) [CIS-Pfx](#)

[\[About AD XO\]](#) [\[AD XO Text Version\]](#) [\[Abbreviations\]](#) [RSS](#)

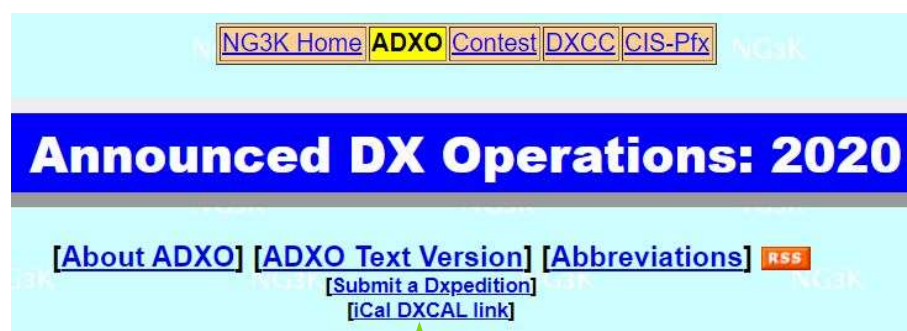
[\[Submit a Dxpedition\]](#)  
[\[iCal DXCAL link\]](#)

[Active/Upcoming](#) [Expired](#) [Previous Years](#)

[Expired Contest and Special Operations \(1996+\)](#)

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<b>May</b>						
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SCARICARE IL  
CALENDARIO DX

<https://www.ng3k.com/Misc/adxo.html>

A CACCIA DEL DX

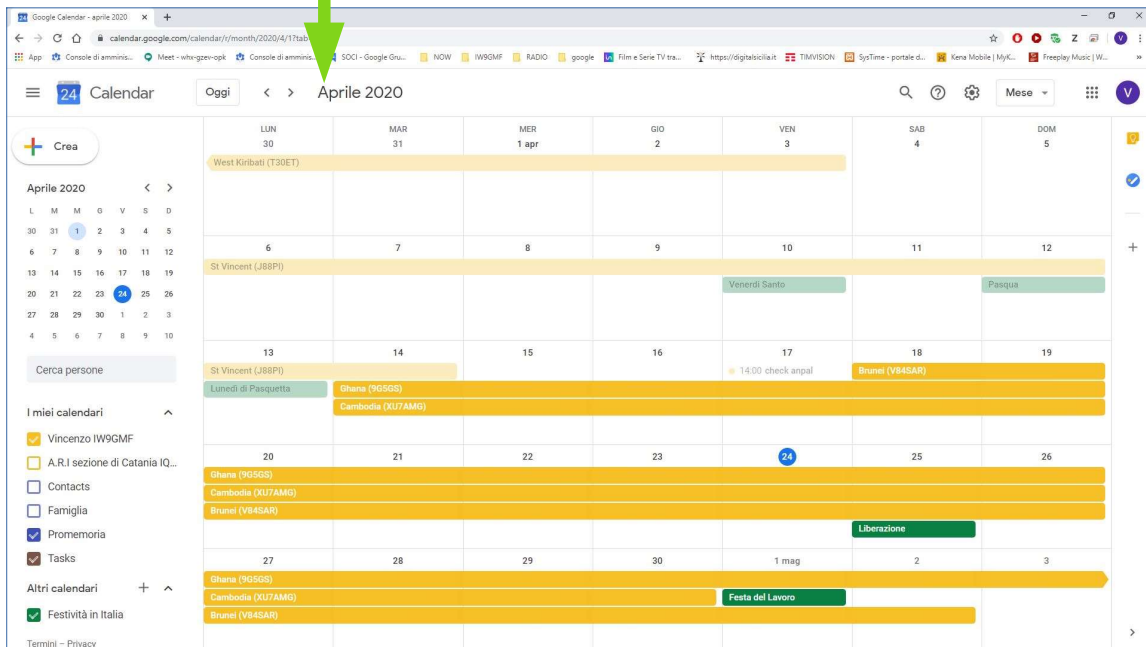


# LA PIANIFICAZIONE A TAVOLINO

## CALENDARIO DX IN TASCA



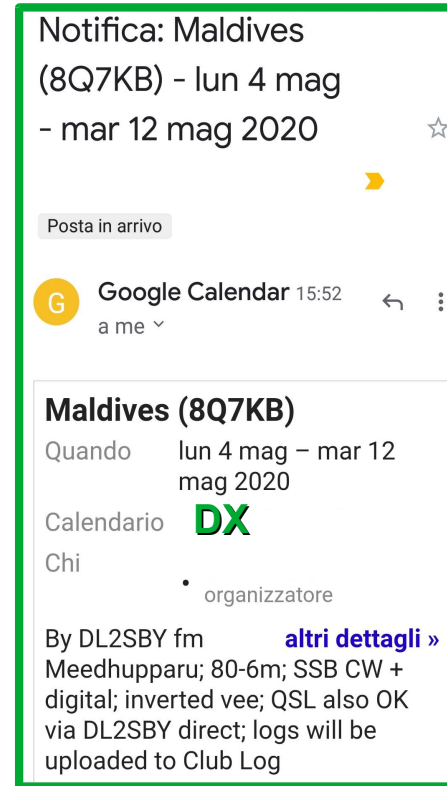
### IMPORTARE IL CALENDARIO DX



PC



TELEFONINO



NOTIFICA

A CACCIA DEL DX





# LA PIANIFICAZIONE A TAVOLINO

## CALENDARIO DX SULLA SCRIVANIA



**DX bulletin 349**  
**23/04/2020**  
 By **ON9CFG**  
[ON9CFG@telenet.be](mailto:ON9CFG@telenet.be)

### DX News

#### Ham Radio 2020 cancelled

Following the most recent restrictions instituted in Germany to curtail the Covid-19 pandemic, the Ham Radio 2020 exhibition has now been cancelled. The exhibition cooperation and Germany's amateur radio organisation DARC are planning a virtual exhibition where new products and talks may be presented on a website.

#### VK9NK Norfolk Island -update by Janusz SP9FIH

I just made first upload to LoTW. QSOs requested as direct via OQRS Club Log were uploaded.

Please be patient – all QSOs will be uploaded when I am back home. Nobody knows when but I hope before next year...

My priority now is making QSOs with all who need Norfolk Island as ATNO. Contact confirmations will wait for some time.

#### Postponed due to Covid 19

Unfortunately, we had to make the decision that we have to postpone our DXpedition to Timor-Leste to next year. The current situation based on the Corona pandemic makes it impossible to plan anything later in this year. The uncertainty of travel safety, the not predictable impact on the companies we have to rely on and the current restrictions that prevent a solid preparation, forced us to take this step. We hope that we can see clearer by the end of this year what will be in 2021.

**4W, TIMOR LESTE** The Lagunaria DX Group is planning a large scale DXpedition to Timor-Leste (4W) from October 11 until November 8. We even already have a confirmed reservation for two close by lodges to have enough space to host up to 10 stations. Serious participation in both CQWW contests included! <http://timor-leste-dx.de/>

#### JA operators and Top Band

In JA, the following frequency ranges were permitted by the Ministry of Internal Affairs and Communications today (21 Apr. 2020) .

**1800kHz – 1810kHz (All mode)**

**1825kHz – 1875kHz (All mode)**

**3575kHz – 3580kHz (All mode)**

**3662kHz – 3680kHz (All mode)**

By this addition, QSO on Digital & CW with JA will be smoothened.

## 425MAGAZINE

[www.425dxn.org](http://www.425dxn.org) [www.425dxn.org](http://www.425dxn.org) [www.425dxn.org](http://www.425dxn.org) [www.425dxn.org](http://www.425dxn.org) [www.425dxn.org](http://www.425dxn.org)



**March 2020**

**The Italian Bulletin for Serious DXers**  
 (weekly issues #1505-1506-1507-1508)



**Summary**  
 DX Information (2)  
 Good To Know (6)  
 QSL Routes (9)  
 Addresses (11)

**Edited by**  
**I1JQJ and IK1ADH**  
[425dxn@alice.it](mailto:425dxn@alice.it)



Articles and pictures  
 for publication in the  
 425 Magazine  
 should be sent to  
 Nicola Baldresca, IZ3EBA  
[iz3eba@iz3eba.it](mailto:iz3eba@iz3eba.it)

**DX**

**DXPED**

**IOTA**

**SES**

**CONTEST**

**A CACCIA DEL DX**



# LA PIANIFICAZIONE A TAVOLINO

## HRD – HRD LOGBOOK - SPOT FILTERS

HRD Logbook - [My Logbook]

File View Browser Calendar Countries Logbook Tools Window Help

My Logbook

Add Contest Delete Modify Cut Copy Paste Refresh Width Layout Edit Selections QRZ.com Awards Backup More... Filter QSL Award

LOTW Upload LOTW Download

Call Sign: AM Date: 18/04/2020 Field: Band: Mode: Match: Contains Value: Match: Contains Value: Match: Contains Value: And: Mode: Value:

QSO date	Time on	Call	Band	Mode	Comment	Distance	Locator	Sent	Rcvd	Country	Name
25/04/2020	10:43:00	AM5WARD	12m	FT8		1672	IN80aa	+02	+07	Spain	
25/04/2020	10:11:00	AM5WARD	10m	FT8		1672	IN80aa	-01	-10	Spain	
25/04/2020	10:06:00	AM7WARD	10m	FT8		1673	IN80aa	-08	-14	Spain	
25/04/2020	09:58:01	AM95WARD	10m	CW		1834	IM75hv	599	599	Ceuta & Melilla	

DX Cluster: Spots: IW9GMF on EA4RCH-5 (Unknown), 18 active Alarms

Close Show AM 18-30 APR Alarms Options QRZ.com Add Spot

Time	Heading	DX Country	Spotter	Comment
1549	285°	Balearic Is.	DH0GME	Tnx 17m full house !
1549	285°	Spain	EA1CIU	RTTY 95 IARU
1549	285°	Spain	EA7TS	
1549	285°	Balearic Is.	EA6GP	QRS
1548	285°	Spain	IZ1HVD	59+ TNX
1548	285°	Spain	OE3IDE	booming
1548	285°	Spain	EA1AOQ	95th IARU Anniversary Award
1548	285°	Spain	EA5Z	IM98QH<>IM99
1548	285°	Spain	EA5GOR	SES URE - IARU
1548	285°	Spain	SP6EFY	FT8 -06dB 1479Hz
1547	270°	Ceuta & Melilla	EA7JXZ	Cq, Correct call
1547	285°	Spain	EA7JXZ	Cq, FT8
1546	285°	Spain	IZ2ARJ	tnx QSO 73 de Ivan
1546	270°	Ceuta & Melilla	OP4L	QSO 73 ALEX
1545	285°	Spain	EA1CBX	95 IARU
1545	270°	Ceuta & Melilla	EA2EZ	QSY QRM AM5WARD
1545	285°	Spain	EA5AER	CQ
1545	260°	Canary Is.	EA5IWD	AWARD, IARU
1545	285°	Spain	M6KBH	Tnx 5/9 UK 73's
1545	285°	Spain	F4HXC	

Solar Cycle Progression

Ready CAP NUM

DX Cluster: Spots: IW9GMF on EA4RCH-5 (Unknown)

Close Show AM 18-30 APR

Time	Spot	Comment
1549	1	DX JAN 2020
1549	1	DX FEB 2020
1549	2	DX MAR 2020
1549	1	DX APR 2020
1549	1	AM 18-30 APR
1549	1	*** 80 TO 2 ***
1549	2	80m
1549	1	40m
1549	1	30m
1548	1	20m
1548	1	17m
1548	1	15m
1548	2	12m
1548	2	10m
1548	2	6m
1548	2	2m
1548	2	SWAINS
1548	2	3Y0 BOUVET
1547	2	ANTARCTICA
1547	2	IW9GMF
1547	2	s01 W SAHARA
1546	2	5A LYBIA
1546	2	4U1UN
1546	2	MOUNT ATHOS
1546	2	IY STAZ. MARCONI
1546	18.135.0	AM1W
1545	7.197.5	AM95V
1545	28.004.0	AM5W
1545	14.180.0	AM8W
1545	21.265.0	AM2W
1545	14.010.0	AM1W

SOLO GLI SPOTS RELATIVI A CALLSIGNS  
CON PREFISSO [AM] IN TUTTE LE BANDE

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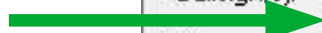




# LA PIANIFICAZIONE A TAVOLINO

## HRD - HRD LOGBOOK – SPOT FILTERS

A25VR|8Q7KB|FJ.\*|4V5H|J8.\*|  
FM.\*|3B8DB|3D2AG|4S7AB|  
5R8UI|CN8WW|FM5FJ|HP1XT|  
MD2C|ZD7BG



Filter Definition

Title:

DX APR 2020

Freq min:

Freq max:

Max entries:

100

Callsign(s):

A25VR|8Q7KB|FJ.\*|4V5H|J8.\*|FM.\*|3B8DB|3D2AG

Edit

Filter:

A definition contains:

1 Title,

2 Either:

a frequency range (*Freq min*, *Freq max*)

and/or

b filter list,

c callsign list.

3 The maximum number of entries to be shown.

The filter list is a comma-separated list of tokens, any one of which must be present in the *Comment* field of the spot

OK

Cancel

Help



A CACCIA DEL DX



# LA PIANIFICAZIONE A TAVOLINO

## HRD – HRD LOGBOOK - ALLARMI

HRD Logbook - [My Logbook]

File View Browser Calendar Countries Logbook Tools Window Help

My Logbook x

Add Contest Delete Modify Cut Copy Paste Refresh Width Layout Edit Selections QRZ.com Awards Backup More... Filter QSL Award

LOTW Upload LOTW Download <Empty>

QSO date	Time on	Call	B /	Mode	Comment	Distance	Locator	Sent	Rcvd	Country	Name
24/04/2020	12:23:51	AM9WARD	17m	CW		1834	IM75hv	599	599	Ceuta & Melilla	
24/04/2020	12:16:32	AM4WARD	17m	CW		1673	IN80aa	599	599	Spain	
24/04/2020	10:40:42	AM4WARD	30m	CW		1673	IN80aa	599	599	Spain	

DX Cluster: Spots: IW9GMF on EA4RCH-5 (Unknown), 18 active Alarms

Close Show \*\*\* 80 TO 2 \*\*\* Alarms Options QRZ.com Add Spot

Time	Freq	DX	Country	Spotter	Comment
1426	14.210.0	AM4WARD		YO3BL	
1426	18.136.9	HI8K		KG5TBT	
1426	10.137.2	IZ8EDI		OE3FVU	JN78VE<>JN70 FT
1426	14.071.4	GM1DSK		LZ1AEY	tnx nice QSO Steve
1425	144.360.0	EU1DE		IK5RWX	CQ EU1DE KO33
1423	14.024.0	V84SAR		R8WF	CQing
1425	7.057.0	EA2DT		EA1BKO	MUENA-042 MISM
1425	14.007.0	AM9WARD		EA9ACD	
1425	7.124.0	HB9EAJ/P		EA1DHB	CQ CQ CQ SOTA T
1425	14.026.0	Z39M		UB5MBA	tnx QSO
1425	14.255.0	AM95WARD		EA4AOC	
1425	144.170.0	PY2OAL		PY5EK	FT4 -8 dB 1501 Hz
1425	14.007.8	UA3KW		W7SW	
1425	14.295.0	AM95WARD		YO3BL	
1424	18.077.0	5Z4/G3AB		OV50	UP 1
1424	18.077.0	5Z4/G3AB		OV50	TU Andy for new b
1424	14.266.0	AM7WARD	285° Spain	SP3OS	
1424	14.266.0	AM7WARD	285° Spain	IZ5MMT	cq cq
1424	14.030.0	9K2MU	98° Kuwait	JE2SOY	sri typo...
1424	3.544.0	SP0CFF	9° Poland	SP0CFF	SPFF-1982 NEW OI
1424	14.285.2	RA3RCL	42° European Russia	N8XGS	5/8 in M1,73
1424	14.005.9	GD0OUD	327° Isle of Man	W3LPL	Heard in MD
1424	144.360.0	DL3DQL	346° Fed. Republic of Germany	RV1CB	MSK144 -2 dB
1424	21.075.5	ZS6NL	176° Republic of South Africa	WP40	

Solar Cycle Progression

Ready

Add My Logbook

File Edit Options Tracking ShowFields ShowTabs

DX Cluster: Spots: IW9GMF on EA4RCH-5 (Unknown), 18 active Alarms

Close Show \*\*\* 80 TO 2 \*\*\* Alarms Options QRZ.com

Time	Freq	DX
1426	14.210.0	AM4WARD
1426	18.136.9	HI8K
1426	10.137.2	IZ8EDI
1426	14.071.4	GM1DSK
1425	144.360.0	EU1DE
1423	14.024.0	V84SAR
1425	7.057.0	EA2DT
1425	14.007.0	AM9WARD
1425	7.124.0	HB9EAJ/P
1425	14.026.0	Z39M
1425	14.255.0	AM95WARD
1425	144.170.0	PY2OAL
1425	14.007.8	UA3KW
1425	14.295.0	AM95WARD
1424	18.077.0	5Z4/G3AB

- ☒ antartica
- ☒ HAWAII
- ☒ IW9GMF
- ☒ SO - W. SAHARA
- ☒ 9H
- ☒ Z6 rep. of kosovo
- ☒ 5A1
- ☒ Mount Athos
- ☒ 4U1UN
- ☒ VATICAN
- ☒ 3Y BOUVET
- ☒ DX JAN 2020
- ☒ DX FEB 2020
- ☒ DX MAR 2020
- ☒ YS1 EL SALVADOR
- ☒ DX APR 2020
- ☒ AM.\* 18-30 APR

Manager

## A CACCIA DEL DX





# LA PIANIFICAZIONE A TAVOLINO

## HRD – HRD LOGBOOK - ALLARMI

Modify Alarm Definition

Enable: ☒ Enable

Title:

Callsign:

Comment:

Filter:

Interval:  Minutes

Options: ☐ SMS  
☐ E-Mail  
☐ Text to Speech

**Title**  
Any text you like, used in the *Alarms* dropdown in the DX Cluster window.

**Callsign**  
The callsign you are waiting for - this can also be a *regular expression* - see below.

To set an alarm for HB9DRV just enter HB9DRV in the Callsign field. To look for any station enter .\* (a wildcard match).

**Country**  
An easy way to set an alarm for one or more countries is to select the country and then press Add. When you press Add the prefix list for the current country is appended to the list in the Callsign field.

**Comment**  
Free-format text which describes the alarm.

A CACCIA DEL DX





# LA PIANIFICAZIONE A TAVOLINO

## CLUSTER ONLINE - FILTRI

### Filters Type 1:

I would like to receive only spots from this DXCC:



### Filters Type 2:

I would like to receive spots reported from this DXCC:



### Filters Type 3:

I would like to receive only spots from this BAND and MODE:

Band:  Mode:



*\* If you do not select any mode, you will get the spots of all modes of the selected bands.*

### Filters Type 4:

I would like to receive spots from DXCC I have not worked:

☐ Yes ☒ No

### Filters Type 5:

I want to receive only the spots reported from:

Continent:



**Solo per utenti registrati**

**A CACCIA DEL DX**



# LA PIANIFICAZIONE A TAVOLINO

WORKED / NOT WORKED

NOTE	CALL		DAL	AL	6	10	12	15	17	20	30	40
		SSB										
		CW										
		RTTY PSK FT8										

		SSB										
		CW										
		RTTY PSK FT8										
		SSB										
		CW										
		RTTY PSK FT8										
		SSB										
		CW										
		RTTY PSK FT8										
		SSB										
		CW										
		RTTY PSK FT8										
		SSB										
		CW										
		RTTY PSK FT8										
		SSB										
		CW										
		RTTY PSK FT8										
		SSB										
		CW										
		RTTY PSK FT8										

		SSB										
		CW										
		RTTY PSK FT8										
		SSB										
		CW										
		RTTY PSK FT8										
NOTE	CALL		DAL	AL	6							

NOTE	CALL		DAL	AL	6	10	12	15	17	20	30	40
	VP8PJ	SSB								✓		
		CW										
CLUBLOG OQRS		RTTY PSK FT8										

IN SSB E CW SI PUO' AVERE  
COME RISPOSTA "QSO BEFORE"  
o "B4"... IN FT8 LA COSA E'  
COMPLICATA DAL FATTO CHE  
WSJT-X NON RISPONDE A  
STAZIONI GIA' MESSE A LOG

A CACCIA DEL DX