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Alphabet international

A	ALFA	N	NOVEMBER
B	BRAVO	O	OSCAR
C	CHARLIE (Charli)	P	PAPA
D	DELTA	Q	QUEBEC
E	ECHO (Eco)	R	ROMEO
F	FOXTROT	S	SIERRA
G	GOLF	T	TANGO
H	HOTEL	U	UNIFORM (Iuniform)
I	INDIA	V	VICTOR
J	JULIET	W	WHISKEY (Güiski)
K	KILO	X	X-RAY (Ecs-ray)
L	LIMA	Y	YANKEE (Yanki)
M	MIKE (Maik)	Z	ZULU

NATO
phonetic alphabet, codes & signals

The ability to communicate and make yourself understood can make a difference in life-threatening situations – imagine for example that you are trying to alert a search and rescue helicopter of the position of a downed pilot. To ensure clear communication, NATO uses a number of well-known formats which are in general use. NATO standardization agreements enable forces from many nations to communicate in a way that is understood by all.

Some standards can be found in everyday civilian and military life. "Bravo Zulu", typically signalled with naval flags on ships at sea and meaning "well done", is also commonly used in written communication by the military, for example by replying "BZ" to an email.

Phonetic alphabet
The NATO alphabet became effective in 1956 and, a few years later, turned into the established universal phonetic alphabet for all military, civilian and amateur radio communications.

International Morse Code
Morse code transmits text through on-off tones, light-flashes or clicks. It was widely used in the 1890s for early radio communication, before it was possible to transmit voice.

Flaghoist communication
Ships use flags as signals to send out messages to each other. The use of flags, known as flaghoist communication, is a fast and accurate way to send information in daylight.



Semaphore
Semaphore is a system in which a person sends information at a distance using hand-held flags – depending on the position of the flags, the message will vary. The signaller holds the flag in different positions that represent letters or numbers.

Panel signalling
Panels are visual signals for sending simple messages to an aircraft. Using a limited code, ground forces can send messages to pilots, for example to request medical supplies.



Numbers



More information on NATO's codes, signals and standards can be found on the NATO Standardization Office (NSO) website: http://nso.nato.int/nso/ -- More on the history of the NATO phonetic alphabet: http://www.nato.int/declassified/

Created by Communications Services, Public Diplomacy Division, NATO HQ, Brussels, Belgium -- NATO 2018

AMR - Aide-Mémoire pour la Radio

https://f4eed.wordpress.com/2021/11/03/amr-nouveau-projet-aide-memoire-radio/

Merci Fréderic, F4EED pour ce beau travail.

Analyseur de spectre

Spektrum :

https://www.youtube.com/watch?v=husy9qFlhaU

Sources :

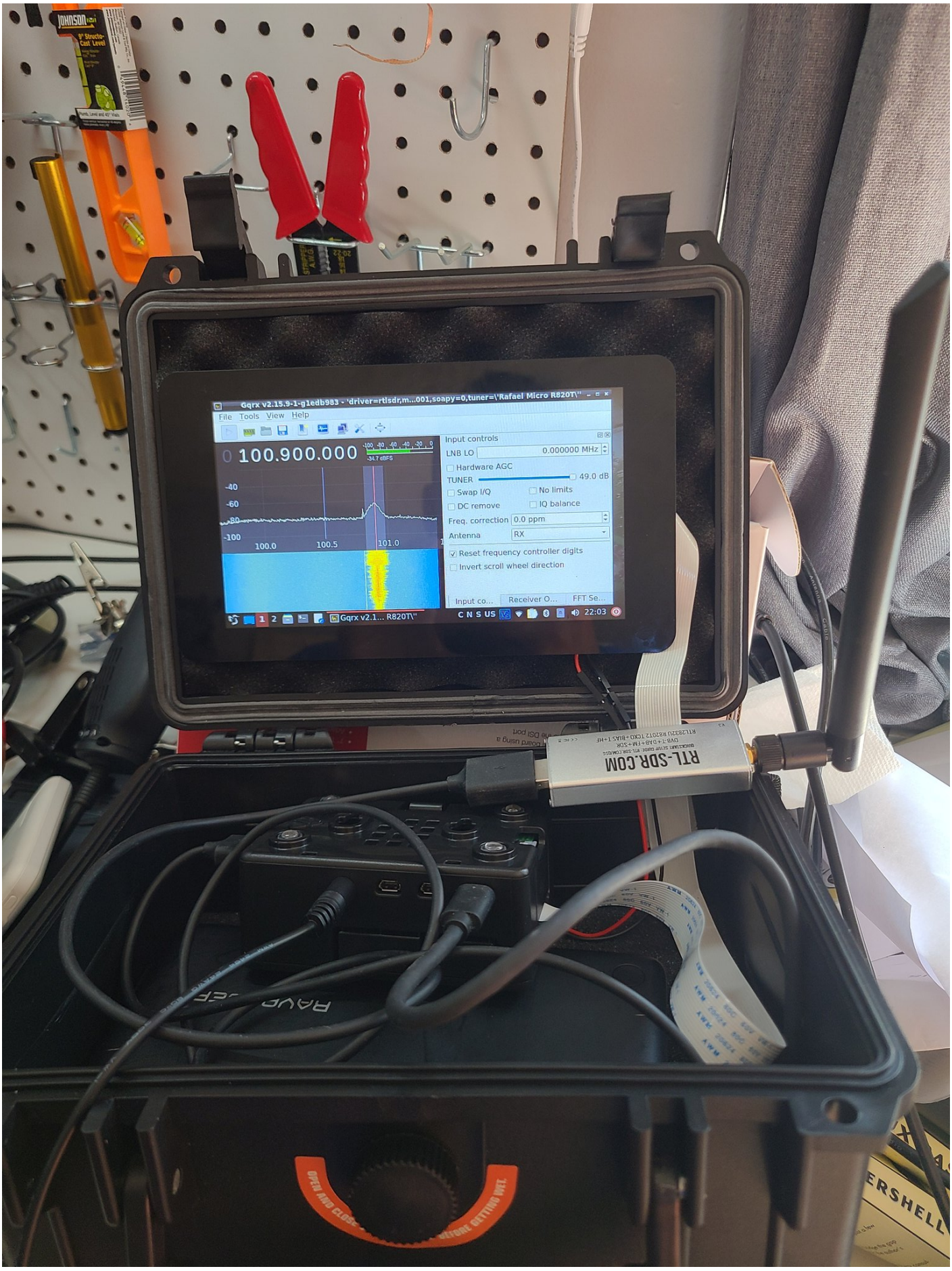
https://github.com/pavels/spektrum

TINYSA ULTRA :

https://j28ro.blogspot.com/2022/12/tinysa-ultra-analyseur-de-spectre-de-01.html?m=1

DRAGON OS :

https://twitter.com/trailboundtech/status/1539575857467072515?t=qHXgrwZcqxcMJ6QkPwmawQ&s=09

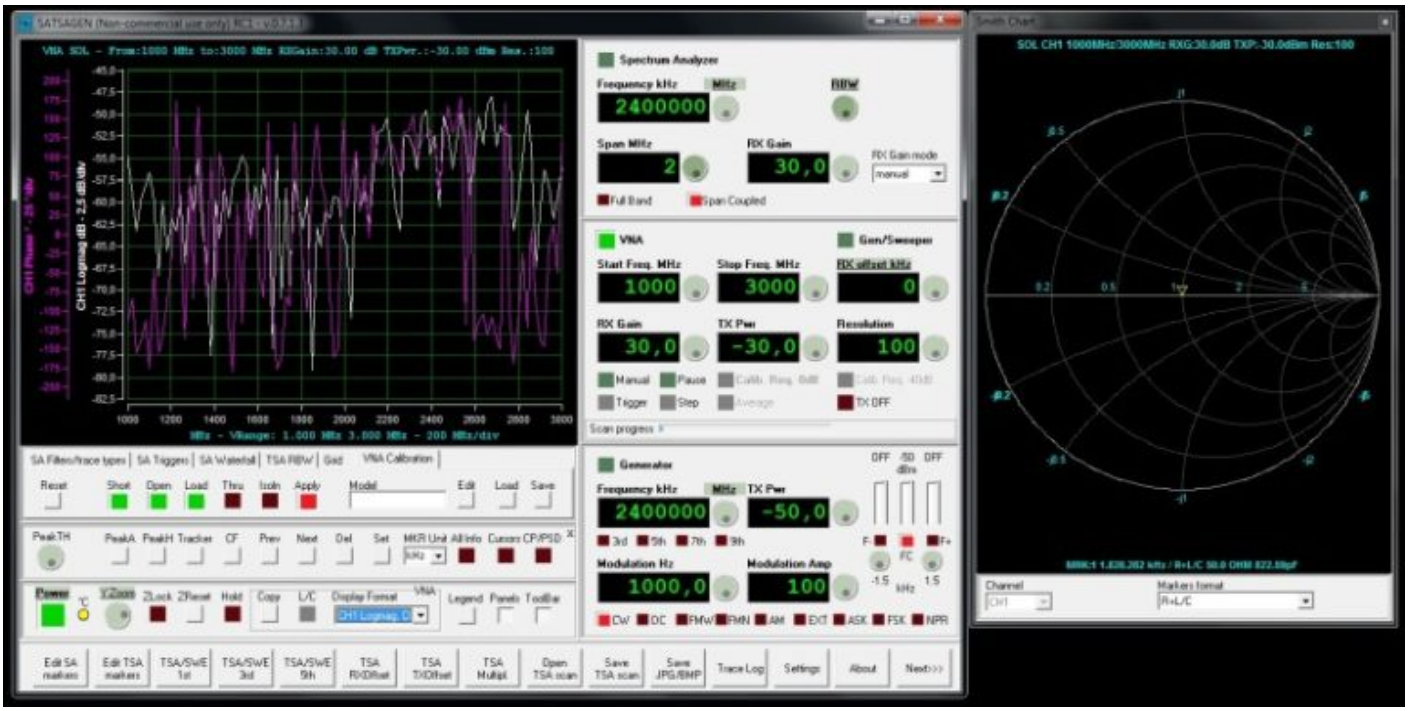

Gqrx v2.15.3-1-g1edb983 - 'driver=rtlsdr,m...001,soapy=0,tuner=\'Rafael Micro R820T\'
File Tools View Help
100.900.000
-34.7 dBFS
-40
-60
-80
-100
100.0
100.5
101.0
Input controls
LNB LO 0.000000 MHz
Hardware AGC
TUNER 49.0 dB
Swap I/Q
No limits
DC remove
IQ balance
Freq. correction 0.0 ppm
Antenna RX
Reset frequency controller digits
Invert scroll wheel direction
Input co...
Receiver O...
FFT Se...
Gqrx v2.1... R820T\'
22:03
RTL-SDR.COM

HackRF

https://www.europe-connection.fr/blog/guide-d-achat/le-hackrf-one-c-est-quoi.html

VNA

https://www.albfer.com/en/2022/05/29/satsagen-v-0-7-1-4/#content



Carnet de traffic

https://github.com/F4EED/AMR/blob/main/Carnet%20de%20trafic/Canrent_de_trafic_ARM.pdf

Merci à F4EED, Philippe Bouchet pour le partage de son travail.

Quick références - Radio propagation

https://github.com/F4EED/AMR/blob/main/Divers/Radio-propagation-quick-reference.pdf

Merci à F4EED, Philippe Bouchet pour le partage de son travail.

EMCOM - IARU - Message

https://github.com/F4EED/AMR/blob/main/EMCOM/EMCOM_IARU_MSG.pdf

https://github.com/F4EED/AMR/blob/main/EMCOM/EMCOM_IARU_MSG_EXPLICATIONS.pdf

https://github.com/F4EED/AMR/blob/main/EMCOM/Reseau_EMCOM_IARU_Reg1_AMR.pdf

Merci à F4EED, Philippe Bouchet pour le partage de son travail.

IARU - Carte des régions

https://github.com/F4EED/AMR/blob/main/IARU/R%C3%A9gions_IARU.pdf

Merci à F4EED, Philippe Bouchet pour le partage de son travail.

ITU - Alphabet

https://github.com/F4EED/AMR/blob/main/ITU/ITU_Alphabet.pdf

Merci à F4EED, Philippe Bouchet pour le partage de son travail.

Explication plan de bande HF

https://github.com/F4EED/AMR/blob/main/plan_bande/BandeExplication_AMR.pdf

Merci à F4EED, Philippe Bouchet pour le partage de son travail.

Sources AMR

https://github.com/F4EED/AMR/blob/main/sources/Source_AMR.pdf

Merci à F4EED, Philippe Bouchet pour le partage de son travail.

Mémento pratique du radioamateur de l'amateur radio et du swl (version-0-8-9)

https://github.com/F4EED/m-mento-pratique-du-radioamateur-et-du-SWL/blob/main/m%C3%A9mento-pratique-du-radioamateur-de-lamateur-radio-et-du-swl-version-0-8-9-comp.pdf

Merci à F4EED, Philippe Bouchet pour le partage de son travail.

AINAPTT - Micro Bluetooth

https://ainaptt.com/

AINA PTT VOICE RESPONDER



AINA KEPLER



Applications smartphone radio amateur

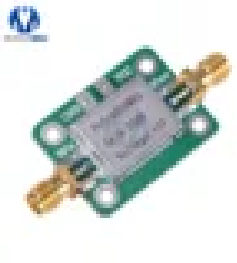
https://j28ro.blogspot.com/2023/08/applications-smartphone-radio-amateur_13.html?utm_source=dlvr.it&utm_medium=twitter&m=1&s=09

https://www.youtube.com/watch?v=IoVaSBgdWRk&t=1s

Carte ampli de réception

Carte amplificateur de puissance de signal à large bande, gain RF 5-6000MHz, 20dB, 5M-6GHz, DC 5V, technologie 85mA

https://fr.aliexpress.com/item/32965451677.html



Répéteur Simplex/Duplex

https://www.facebook.com/groups/296648963709117/permalink/2482272984007674/?mibextid=K35XfP

