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At the begining it was... RTTY



The **EURAO** Party of this season is devoted to the oldest digital mode of ham radio: **RTTY** (Radioteletype).

It's a good excuse to find out what these concepts mean: teletype, perforated tape, 5-bit baudot code, 45,45 bauds speed, mark/space, modems, 2.125/2.295Hz, 170Hz shift, FSK, AFSK, etc, and why RYRYRY is the best for tuning.

But nowadays everything is software, so it's time to find the most appropriate program to do RTTY with a soundcard, maybe with an interface which manages PTT, isolates audio input and output, etc.

Also it's an opportunity to learn where RTTY stations are in our bands, having a look to the recommended frequencies of the current Party.

So, let's do RTTY, have fun and good luck with your DX!

Newsletter issue: 2016-02-15



Amateur Radio News...

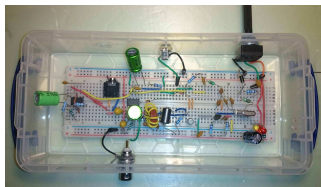
AO3MWC: Mobile World Congress 2016 nuevo



20-28 February this special event station will be on air thanks to **Ràdio Club Barcelona, EA3RKB**, echoing this first class international event in the mobile world capital.

Week of technology, news and radio. All members can participate actively operating this station, even remote. The contact is also valid for the **EANET Award**.

Kits for beginners nuevo



URC, F8URC, decided last year to develop a whole series of simple kits and make them available to all.

Also they created an space in its forum where to share the experience, to track assemblies of each one, to enrich the discussion, to ask questions, etc.

These are the kits available now: mini transceiver CW, TRX SDR 40m and CW decoder based on Arduino.

EUDOTA: Europe Day "on the air" 2016 nuevo



This year, **9 May** is on Monday, but we will be also active the whole weekend **7 and 8** with the special call signs: **AO1EU, AO2EU, AO3EU, AO4EU, AO5EU, AO6EU, AO7EU, AO8EU and AO9EU**, to commemorate the creation of the **EU** in 1950.

As usual, special QSL and Award will be available. Contact also valid for the **Radio Clubs of the World Award, EANET**.

Follow the event through the hashtag: **#eudota**.

OTOMIN: Blégny Coal Mine for MAOTA nuevo



A huge *multi-club* activity, with the participation of **Radio Club Belgradois, UFRC, VRA, URC, EURAO** and several OMs coming from England, Germany and Netherland, will be held from **Saturday 21 May, 2016, at 09:00 UTC to Sunday 22 May 12:00 UTC** in one of the four authentic a coal mines in Europe, located between Liège (BE) and Maastricht (NL), not far away from Germany.

It will be valid for the **Mining Areas On The Air Award**.

EURAO member associations

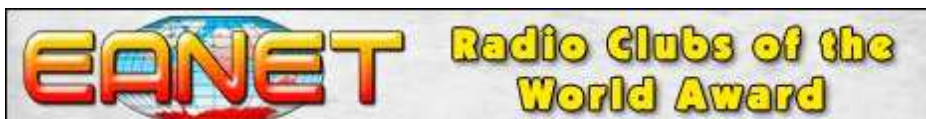
- **URC**: Union des Radio-Clubs et des Radioamateurs (France)
- **CISAR**: Centro Italiano di Sperimentazione ed Attività Radiantistiche (Italy)
- **FEDI-EA**: Federación Digital EA (Spain)
- **VRA**: Vlaamse RadioAmateurs (Belgium)
- **UFRC**: Union Francophone des Radio Clubs (Belgium)
- **HAG**: Ham Association of Greece
- **FEDERACHI**: Federación Clubes de Radioaficionados de Chile
- **FR**: Federació Radioafionats de Catalunya (Spain)
- **AIRS**: Associazione Italiana Radioamatori Sperimentatori (Italy)
- **ARR**: Asociatia Radioclubul României (Romania)
- **REEC**: Radio & Electronics Engineering Club asbl (Belgium) nuevo

EURAO, a CEPT stakeholder



EURAO projects ongoing

- [EuroBureauQSL: the EURAO's QSL Bureaus Global Network](#)
- [EURAO TV Channel](#)
- [European Radio Amateur Card](#)
- [Member Benefits Program](#)
- [EURAO Newsletter](#)
- [EURAO Awards](#)
- [EURAO Parties](#)
- [EECE: EmerComms](#)
- [YEM: Youth Meeting](#)



EURAO Party - Winter 2016: let's do RTTY

The **European Radio Amateurs' Organization** announces a new party on the air, this time with the motto: "*let's do RTTY*". Remember this is not a contest, it is just a radio meeting with a few simple 'rules', better to call them recommendations.

Purpose: to disseminate the oldest mode of digital communications: the Radioteletype (RTTY), to encourage curiosity about what it is and how it works. Also discover that it is fun and you can meet other hams all over the world. Of course also SWLing is welcome.

Date & time: February 27th and 28th, 2016, Saturday and Sunday, 00:00-24:00 UTC.

Bands & modes: these are the recommended frequencies (+/-) for RTTY: 3.590-3.610, 7.040-7.050, 10.142-10.145, 14.080-14.090, 18.100-18.105, 21.080-21.090, 24.920-24.925 and 28.080-28.090 MHz.

Call: "CQ EURAO Party".

Exchange: because this is a QSO event, not a contest, you can talk about whatever you want, in any language, and for as long as you like. Here are some topic suggestions to get the conversation going: name, city, locator, weather, antennas, rigs, etc.

Also talk about QSL interchange. Tell the truth. Say "no, thanks" if you are not interested in QSL cards. But if you would like to have a memory of your contact, feel free to use our **EuroBureauQSL** (see below).

Logs: for statistic purposes only, we ask participants to submit their logs to party@eurao.org in ADIF format, where the filename should be your callsign (e.g. EA3RKF.ADI).

There will be no results or league tables, only statistical information about number of QSOs, countries, callsigns, OMs/YLs/Clubs, etc.

Certificate of Participation: for those sending the log and with a minimum of 10% QSOs confirmed.

EuroBureauQSL: you can use it to interchange QSLs even if you are not member. In this case, just send the QSL to the entry point in the country of the station you have contacted.

EURAO Newsletter: issue dates

- 15 February
- 15 June
- 15 September
- 1 December

Image archive



International QSL Service.

EuroBureauQSL: entry points

- **Algeria:** 7X2JV - Noury B.M. - P.O. Box 87 - Bouarfa 09019 Blida
- **Argentina:** LU1MA - CRC - P.O. Box 232 - 5500 Mendoza
- **Belgium:** FRA - P.O. Box 393 - B-1000 Brussels 1
- **Chile:** CE3FED - FEDERACHI - P.O. Box 9570 - Santiago 21
- **Costa Rica:** TI2WMP - Waldyn Murillo Pérez - P.O. Box 117-1450 - 10601 San José
- **France:** F8URC - URC - 3 rue Saint Lugle - F-62190 Lillers
- **Greece:** HAG - 22, Kassandra Str. - GR-10447 Votanikos - Athens (Attika)
- **India:** VU2BK - MHRC - Brahma Kumaris, Shantivan Campus - Dist. Sirohi, 307510 Rajasthan
- **Italy:** IT9BCC - Nino Caracci - Via Campobello, 108 - 91022 Castelvetro
- **Luxembourg:** LX1CC - Mill Reiff - 34, rue de la Résistance - L-3340 Huncherange
- **Portugal:** CT1TGM - TRGM - P.O. Box 497 - P-3001-906 Coimbra
- **Romania:** YO9KYO - ARR - Str. Stelica Berechet, 23 - RO-087070 Comuna Daia, Judetul Giurgiu
- **Spain and Andorra:** EA3RKF - FEDI-EA - P.O. Box 3050 - E-08200 Sabadell (Barcelona)
- **Uruguay:** CX3CCC - Radiogruppo Sur - P.O. Box 950 - 11000 Montevideo
- **USA:** W2EN - Douglas Rue - 21 Jeffrey Court - Somerville, NJ 08876
- **Venezuela:** YV4VV - Radio Club Valencia - P.O. Box 510 - 2001 Valencia, CA

**More than 30.000 QSL cards !!!
have been already managed by EuroBureauQSL**

About our members...



Radio & Electronics Engineering Club asbl

nuevo



REEC, ON4REC, is a Belgian association interested in equipment construction and development of new solutions in the field of amateur radio communications. It manages several repeaters in its country.

It was founded in 2013 and recently has become member association of **EURAO**.
<http://www.reec.be>



News in brief



- **ISO 9001:2008 for RSF Hellas:** in its training and services. <http://www.sz1rsf.org>
- **F9AA Trophy 2016:** CW on February 6-7, SSB on March 12-13 and PSK on May 7-8, organized by **Union des Radio-Clubs, F8URC**. <http://www.site.urb.asso.fr>
- **14th Russian WW PSK Contest:** on February 20-21, 2016, organized by **Russian Digital Radio Club**. <http://www.rdrclub.ru>
- **Ham radio training course in Sardinia:** contact IS0SEL [at]hotmail.com or tel. 3701000124.
- **South America 10 meters Contest:** on March 12-13, 2016, 24h, CW-SSB. <http://www.sa10m.com.ar>
- **ARR anual meeting:** on March 26-28, 2016, in Buzau County (Romania). <http://radioclubulromaniei.qpsc.ro>
- **First DMR repeater in Greece:** by **RSF Hellas:** SW1F, 438.81250 MHz (-7.600), in Attica. <http://www.sz1rsf.org>
- **CQ ENCE:** on April 9, 2016, it will take place the Spanish Emergency Communications Exercise sponsored by the **FEDI-EA** and **Liga CB**. <http://www.fediea.org/emergencias>

Visit our website:

<http://www.eurao.org>

