

NEW WORLD RECORD ON 10GHz IN SSB: 2696 km ()**
Official press release (*)

A new world record in distance on 10 GHz has been established between the island of Sal/Cape Verde (D44) and south of Portugal (CT) on 10 July 2010 at 10:46 UTC during the "HYPERATLANTICA 2010" expedition. All six HB operators of the D44 team have had the opportunity to contact CT until 11:10 UTC before performing tests on other frequencies.

This extraordinary performance is the result of a group of operators active in microwaves composed of the following teams:

- **D44 (HK86NU):**
 - D44TD, with our thanks for the logistic support in Cape Verde!
 - D44TAX/HB9AYX, D44TEF/HB9EOF, D44TOI/HB9BOI, D44TRD/HB9RHD, D44TXV/HB9RXV, D44TZN/HB9AZN
- **CT (IM57OR):** CT7/F1PYR, CT7/F6DPH, CT1HZE
- **CN (IM52JH):** CN2CT (F2CT)
- **EA8 (IL28XQ):** EA8/F5BUU, EA8/F1URI, EA8BFK
- **CT3 (IM12NP):** CT3/DG1GGH, CT3HF
- **Back office in HB:** HB9ACA
- **Technical support:** HB9DUG

Furthermore, the project has got help from many other supporters and sponsors (ID Electronic, Flexayagi, TAP), to whom the team expresses his sincere thanks.

After more than one year of preparation, a first attempt in 2009, additional improvements have been made to reach an almost impossible objective, break the existing record from 2070 to 2696 km!

It should be noted, that the 2070 km world record has been broken a first time the same day between D44 and CN2CT with 2200 km at 08:55 UTC.

No doubt that the 10th of July 2010 will remain as a mile stone for all participants, since in addition to the world record, several important other contacts between the teams have been done:

- **D44 – CT (2696 km) :** several contacts on 144 MHz, first QSO between D44 and CT on 5.7 GHz and first QSO D44 – CT on 23cm with CT1HZE.
- **D44 - EA8 (1591 km):** almost permanent link on 144 MHz (service channel). Many thanks to the EA8 team, which performed an excellent work as coordinator and relay between D44 and CT. The Canary Islands are located

almost in the middle of the link D44 – CT!

- **D44 – CT3 (1852 km):** first bilateral contact D44 – CT3 on 10 GHz.
- **D44 – CN (2200 km):** almost permanent contact on 144 MHz (Service Channel) and first world record in SSB on 10 GHz with CN2CT (10 July).
- **EA8 – CT7 (1116 km):** almost permanent link on 144 MHz and 14 MHz.
- **EA8 – CN (614 km):** contacts on 144 MHz and 14 MHz.
- **EA8 – CT3 (520 km):** contacts on 144 MHz.

It should be noted that all these QSOs were achieved in SSB with signal reports up to S9+!

The Hyperatlantica team thanks Manfred/HB9ACA for his excellent support as back-office in Switzerland as well as for his information on the propagation conditions and the weather forecasts.

Also our best thanks to the SW experts for their help in managing the CW traffic and the service channel on the 20m band.

Finally, we would like also to thank the former world record owners, DL 4AM and DJ3KM. They motivated us to realize this unforgettable experience!

A Website is in preparation, where additional information (photos, signal record, etc) on the project and on the Hyperatlantica 2010 expedition will be available.

The Team Hyperatlantica 2010

Sal/Cape Verde, 17 July 2010

(*) For more information, please contact: info@hyperatlantica.ch

(**) based on GPS coordinates

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