

Huff & Puff reference library

Written by Hans Summers

Friday, 04 September 2009 20:31 - Last Updated Wednesday, 07 December 2016 09:45

The following is a complete list of all articles I have managed to find relating to the Huff-Puff method of stabilising a VFO for use in amateur radio transmitters and receivers. These documents are in Adobe Acrobat (PDF) format. If you do not have Adobe Acrobat installed, you can [install it here](#) . If anyone has an article not in my collection, please email it to me!

IMPORTANT NOTE: I have tried to keep the file sizes as small as possible. You will need to experiment with the viewing scale in Adobe Acrobat to obtain the most readable image. Often using the "Actual Size" setting, equivalent to 100% zoom, is best. Printing the files is another alternative, which should always produce good-looking pages.



Thanks to the

[Radio Society of Great Britain \(RSGB\)](#) for permission to reproduce articles from



Thanks to the

[American Radio Relay League \(ARRL\)](#) for permission to reproduce [DEX](#) article 5 from



Thanks to
[\(VERON\)](#)

[Vereniging voor Experimenteel Radio Onderzoek Nederland](#)
for permission to reproduce the original PA0KSB article from April 1

Permission to reproduce the articles from Elektor Electronics was unfortunately [NOT GRANTED](#) . If you require any further information on these articles, please email me direct. Fortunately you can also read about Eamon [Skelton's EI9GQ](#)'s VFO stabiliser project on his [website](#) , complete with downloadable PIC assembly code. Ham Radio magazine is no longer in print. I made some effort to try to track down the owner of the Ham Radio copyright, which I believe to be QST (ARRL), however to date I have not received a reply.

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Thanks to [David White W5NY](#) for sending me the following articles: Ham Radio, Nov '74 "Tuned VLF Converter"; Ham Radio, Jun '79 "AFC Circuit for VFO's"; Ham Radio '87 "Better frequency stability for the Drake TR7". The article titled "Tuned VLF Converter" does not relate to Huff & Puff stabilisers; it is included here because it uses a variable magnetic field to tune a VFO inductor, as David W5NY and I have done in our Huff & Puff stabilisers.

Thanks to Gert PA3CRC for sending me the original article by Klaas PA3KSB in Electron, the journal of the Dutch amateur radio society Veron.

Many of the articles come from Pat Hawker's excellent "Technical Topics" column from RadCom. Pat G3VA became a silent key in February 2013 aged 90. He wrote his Tech Topics column every month for 50 years starting in 1958. An amazing achievement and an inspiration to all homebrewers. The Tech Topics articles are marked with publication "RadCom TT" in the list below. All of these articles are written by Pat himself, but make frequent reference to diagrams and letters he has received. In these cases I have listed the original source as the author, not Pat. To keep the file sizes as small as possible, I have edited out surrounding articles (interesting though they often are).

Publication	Issue	Author	Size
Electron	Apr 1973	Klaas Spaargaren PA0KSB	33K
Original article that started it all! (in Dutch)			
RadCom TT	Jul 1973	Klaas Spaargaren PA0KSB	55K
Crystal-stabilized VFO			
RadCom TT	Oct 1973	Joe Cropper G3BY	126K
The Huff and Puff VFO			
RadCom TT	Nov 1973	Harry Burton ZL2APC	48K
Origins of the Huff and Puff VFO			
RadCom TT	Nov 1973	John Compton G4COM	162K
More views on huff & puff VFO's			

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RadCom TT Dec 1973 Various 205K

[Huff & Puff comments](#)

RadCom TT Mar 1974 J H Tait BRS32041 76K

[Huff and puff VFO stabilization](#)

RadCom TT Mar 1974 A K Forrest BRS34402 117K

[A versatile Huff & Puff system](#)

RadCom TT May 1974 P A Howarth G3YAC 66K

[Huff and Puff stabilizer correction](#)

RadCom TT Jul 1974 Joe Cropper G3BY 209K

[Huff and Puff postscript](#)

RadCom TT Aug 1974 PA0AGE 151K

[PA0AGE Huff and Puff](#)

Ham Radio Nov 1974 Unknown 540K

[Tuned VLF converter](#)

Ham Radio Dec 1977 Klaas Spaargaren PA0KSB 293K

[Drift-correction circuit for free-running oscillators](#)

RadCom TT Apr 1978 Klaas Spaargaren PA0KSB 256K

[Huff and Puff in CMOS](#)

RadCom Aug 1978 T Winter G4AOK 566K

[Huff and Puff stabilizer](#)

Ham Radio Aug 1978 Crawford MacKeand WA3LWZ 374K

[Frequency-lock loop pages 1-3](#) [pages 3-6](#)

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Ham Radio Jun 1979 Read C Easton K6EHV 332K

[AFC Circuit for VFO's](#)

Elektor May 1980 Eamon Skelton EI9GQ
[REMOVED](#) : Frequency Lock System.
Ham Radio Aug 1987 Urs Hadorn HB9ABO 871K

[Better frequency stability for the Drake TR7](#)

SPRAT 63 Summer 1990 Stef Niewiadomski 197K

[The Huff & Puff revisited](#)

RadCom Mar 1991 Klaas Spaargaren PA0KSB 353K

[The Fifth-Method Stabilised Oscillator](#)

QEX Feb 1996 Klaas Spaargaren PA0KSB 319K

[Frequency Stabilization of L-C Oscillators](#)

RadCom TT Jul 1996 Klaas Spaargaren PA0KSB 310K

[Improved 'Huff and Puff' Stabiliser](#)

RadCom TT Sep 1996 Charles Fletcher G3DXZ 117K

[Huff & Puff in practice](#)

RadCom TT Dec 1996 Klaas Spaargaren PA0KSB 313K

[Huff & Puff - PA0KSB comments](#)

RadCom TT Feb 1997 Peter Lawton G7IXH 89K

[Huff & Puff Oscillator](#)

RadCom Dec 1997 Chas Fletcher G3DXZ 477K

[Stay-Put: The Improved Huff & Puff VFO](#)

RadCom TT Dec 1997 Peter Lawton G7IXH 139K

[The 'Fast' Huff & Puff Stabiliser](#)

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RadCom TT Feb 1998 Klaas Spaargaren PA0KSB 396K

[PA0KSB endorses 'Fast' Huff & Puff](#)

Elektor Feb 1998 Eamon Skelton EI9GQ
[REMOVED](#) : Frequency display and VFO Stabiliser
QEX Nov 1998 Peter Lawton G7IXH 628K

[The 'Fast' Digital Oscillator Stabilizer Fig.5](#)

RadCom TT Dec 1999 Pat Hawker G3VA 420K

[Farewell Pa0KSB, Silent Key](#)

RadCom TT Jun 2000 Peter Lawton G7IXH 105K

[G7IXH's Fast Huff & Puff Stabiliser](#)

RadCom TT Sep 2000 Chas Fletcher G3DXZ 108K

[Slow-tuning Fast Stabiliser](#)

SPRAT 122 Spring 2005 Hans Summers G0UPL 103K

[Simple Huff & Puff VFO Stabilisers](#)

SPRAT 122 Spring 2005 John Beech G8SEQ 165K

[Huff & Puff revisited again!](#)

SPRAT 123 Summer 2005 Hans Summers G0UPL 69K

[Simple "fast" Huff & Puff VFO Stabilisers](#)

RadCom TT Sep 2005 Hans Summers G0UPL 59K

[Low-cost Huff & Puff stabilised VFO](#)

RadCom TT Feb 2007 Ron Taylor G4GXO 345K

[Fast 'Huff & Puff' stabiliser in a PIC](#)

RadCom TT Jun 2007 Chas Fletcher G3DXZ 154K

[An Alternative PIC stabiliser](#)

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