

3GPP2 C.R0018-C

Version 1.00

Date: January 2008



3RD GENERATION
PARTNERSHIP
PROJECT 2
"3GPP2"

1

2

3

4

***Software Distribution for Enhanced Variable Rate
Codec (EVRC), Speech Service Options 3, 68, and
70, Minimum Performance Specification (MPS)***

5

6

7

COPYRIGHT

3GPP2 and its Organizational Partners claim copyright in this document and individual Organizational Partners may copyright and issue documents or standards publications in individual Organizational Partner's name based on this document. Requests for reproduction of this document should be directed to the 3GPP2 Secretariat at secretariat@3gpp2.org. Requests to reproduce individual Organizational Partner's documents should be directed to that Organizational Partner. See www.3gpp2.org for more information.

8

- 1
- 2 This page intentionally left blank.

1

NOTICE

2 Each of the companies; Motorola, Lucent, Qualcomm, Nokia, and Dynastat (hereinafter
3 referred to individually as "Source" or collectively as "Sources") do hereby state:

4 To the extent to which the Source(s) may legally and freely do so, the Source(s), upon
5 submission of a Contribution, grant(s) a free, irrevocable, non-exclusive, license to the Third
6 Generation Partnership Project 2 (3GPP2) and its Organizational Partners: ARIB, CCSA,
7 TIA, TTA, and TTC, under the Source's copyright or copyright license rights in the
8 Contribution, to, in whole or in part, copy, make derivative works, perform, display and
9 distribute the Contribution and derivative works thereof consistent with 3GPP2's and each
10 Organizational Partner's policies and procedures, with the right to (i) sublicense the foregoing
11 rights consistent with 3GPP2's and each Organizational Partner's policies and procedures
12 and (ii) copyright and sell, if applicable) in 3GPP2's name or each Organizational Partner's
13 name any 3GPP2 or transposed Publication even though this Publication may contain the
14 Contribution or a derivative work thereof. The Contribution shall disclose any known
15 limitations on the Source's rights to license as herein provided.

16 When a Contribution is submitted by the Source(s) to assist the formulating groups of 3GPP2
17 or any of its Organizational Partners, it is proposed to the Committee as a basis for discussion
18 and is not to be construed as a binding proposal on the Source(s). The Source(s) specifically
19 reserve(s) the right to amend or modify the material contained in the Contribution. Nothing
20 contained in the Contribution shall, except as herein expressly provided, be construed as
21 conferring by implication, estoppel or otherwise, any license or right under (i) any existing or
22 later issuing patent, whether or not the use of information in the document necessarily
23 employs an invention of any existing or later issued patent, (ii) any copyright, (iii) any
24 trademark, or (iv) any other intellectual property right.

25 With respect to the Software necessary for the practice of any or all Normative portions of
26 the EVRC Variable Rate Speech Codec as it exists on the date of submittal of this form,
27 should the EVRC be approved as a Specification or Report by 3GPP2, or as a transposed
28 Standard by any of the 3GPP2's Organizational Partners, the Source(s) state(s) that a
29 worldwide license to reproduce, use and distribute the Software, the license rights to which
30 are held by the Source(s), will be made available to applicants under terms and conditions
31 that are reasonable and non-discriminatory, which may include monetary compensation, and
32 only to the extent necessary for the practice of any or all of the Normative portions of the
33 EVRC or the field of use of practice of the EVRC Specification, Report, or Standard. The
34 statement contained above is irrevocable and shall be binding upon the Source(s). In the
35 event the rights of the Source(s) in and to copyright or copyright license rights subject to
36 such commitment are assigned or transferred, the Source(s) shall notify the assignee or
37 transferee of the existence of such commitments.

1

FOREWORD

2 This technical database forms the Software Distribution in support of the Minimum
3 Performance Specification for the Enhanced Variable Rate Codec (EVRC), Speech Service
4 Options 3, 68, and 70, a variable-rate two-way speech service option.

5 This Software Distribution does not directly address the quality or reliability of Service
6 Options 3, 68, and 70, nor does it cover equipment performance or measurement
7 procedures.

1

REFERENCES

2 The following standard contains provisions, which, through reference in this text,
3 constitute provisions of this Software Distribution. At the time of publication, the editions
4 indicated were valid. All standards are subject to revision, and parties to agreements based
5 on this Software Distribution are encouraged to investigate the possibility of applying the
6 most recent editions of this Software Distribution and the standard indicated below. ANSI
7 and TIA maintain registers of currently valid national standards published by them.

8

9 — *Referenced Standard:*

10 3GPP2 C.S0018-C Ver 1.0, *Minimum Performance Specification for the Enhanced Variable*
11 *Rate Codec, Speech Service Options 3, 68, and 70 for Wideband Spread Spectrum Digital*
12 *Systems, Published December 2007.*

13

- 1
- 2 This page intentionally left blank.

1 **1 SOFTWARE DISTRIBUTION: ENHANCED VARIABLE RATE CODEC,**
2 **SERVICE OPTIONS 3, 68, AND 70, MINIMUM PERFORMANCE**
3 **SPECIFICATION**
4

5 **1.1 General Description**

6 This software distribution is in long filename format and will need to be initially
7 downloaded, and the appropriate portions subsequently transferred to an appropriate
8 platform for processing, depending on the software distribution contents. If the
9 distribution is downloaded as zip files from an ftp site, a free 4.50-GB space will be
10 required: 1.80 GB for the zip files and 2.70 GB for the unzipped distribution directory. The
11 utilization of this software database is described in the parent referenced document[1].

12 **1.2 EVRC Minimum Performance Specification Software Distribution**

13 The Software Distribution supporting the referenced Enhanced Variable Rate Codec
14 Minimum Performance Specification is contained in the zip files accompanying this textual
15 cover (Software_Distribution_vC-1.0_for_C.S0018-C_v1.0.zip).
16