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2 | REVISION REQUEST |  
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5 DATE: 12 May 2023  
6 NAME: Paul Tagliamonte  
7 AFFILIATION: Self  
8 E-MAIL: paultag@gmail.com  
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10 REQUESTED REVISION:  
11 STANDARD: IEEE Std 802.3-2022  
12 CLAUSE NUMBER: Annex 55A  
13 CLAUSE TITLE: LDPC details  
14

15 PROPOSED REVISION TEXT:  
16

- 17 [1] In Annex 55A.1, change the text 'G.txt is available online in the  
18 file matrices.zip.' to read 'G.txt is available online in the file  
19 Annex\_55A\_matrices.zip'.  
20  
21 [2] In annex 55A.2, change the text 'H.txt, col\_swap.txt and row\_swap.txt  
22 are informative and are also available online in the file matrices.zip'  
23 to read 'H.txt, col\_swap.txt and row\_swap.txt are informative and are  
24 also available online in the file Annex\_55A\_matrices.zip'.  
25  
26 [3] Rename the 'g.txt' file in the 'Annex\_55A\_matrices.zip' file in the  
27 802.3-20XX\_downloads.zip file in the  
28 <https://standards.ieee.org/downloads/> area to be 'G.txt'.  
29  
30 [4] Delete the file 'file\_descriptions.txt' from the  
31 'Annex\_55A\_matrices.zip' file in the 802.3-20XX\_downloads.zip file in the  
32 <https://standards.ieee.org/downloads/> area.  
33  
34

35 RATIONALE FOR REVISION:  
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- 37 [1] and [2]: The G.txt, H.txt, col\_swap.txt and row\_swap.txt files are  
38 all in the 'Annex\_55A\_matrices.zip' file, not the 'matrices.zip' file, in  
39 the 802.3-2022\_downloads.zip file in the IEEE 802.3 downloads  
40 <<https://standards.ieee.org/downloads/>> area. To avoid any potential for  
41 confusion IEEE Std 802.3 should refer to the correct filename.  
42  
43 [3]: The file in 'Annex\_55A\_matrices.zip' is named 'g.txt', yet in IEEE  
44 Std 802.3-2022 it is referred to as 'G.txt'. Again, to avoid any  
45 potential for confusion the filename should be updated to match the name  
46 used in IEEE Std 802.3-2022.  
47  
48 [4]: There is no reference to the 'file\_descriptions.txt' file in  
49 IEEE Std 802.3-2022 and as a result, this is an uncontrolled document.  
50 In addition, there is an error in 'file\_descriptions.txt' where it says  
51 that 'H.txt contains 325 rows, one for each row of H.'. There are 384  
52 rows in 'H.txt', not 325 rows.  
53  
54  
55

1 IMPACT ON EXISTING NETWORKS:  
2  
3 None. Items [1], [2] and [3] correct the name of the referenced file,  
4 item [4] removes a file that is not referenced and contains an error.  
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7 |Please attach supporting material, if any |  
8 |Submit to:- David Law, Chair IEEE 802.3 |  
9 |and copy:- Adam Healey, Vice-Chair IEEE 802.3 |  
10 | |  
11 |At:- E-Mail: stds-802-3-maint-req@ieee.org |  
12 | |  
13 | +----- For official use -----+ |  
14 | | REV REQ NUMBER: 1404 | |  
15 | | DATE RECEIVED: 12 May 2023 | |  
16 | | EDITORIAL/TECHNICAL | |  
17 | | ACCEPTED/DENIED | |  
18 | | BALLOT REQ'D YES/NO | |  
19 | | COMMENTS: | |  
20 +-----+  
21 | For information about this Revision Request see - |  
22 |[http://www.ieee802.org/3/maint/requests/revision\\_history.html#REQ1404](http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1404) |  
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