comp.dcom.modems >

PEP

6 posts by 6 authors

Michael Lo Ho Fung

1/20/93

      Please tell me what is "PEP" in the Telebit modem

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---------------------------------------------------------------------------
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|  Department of                   |  University  : ee_...@stu.ust.hk      |
|  Electrical & Electronic Engineering |          : m...@nyx.cs.du.edu     |
|  The Hong Kong University        |              : mich...@gnct.com       |
|  of Science & Technology         |  Radio Call Sign : VR2YJR             |
---------------------------------------------------------------------------
```

Steve Pershing

1/22/93

ee_...@uxmail.ust.hk (Michael Lo Ho Fung) writes:

|>   Please tell me what is "PEP" in the Telebit modem

"PEP" is short for Telebit's "Packetized Ensemble Protocol". It is the
method by which they divide the telephone bandwidth into 512 discreet
slow carriers on which they transmit the data, and the key to their
being able to get high throughput.

```
--
    Steve Pershing, SysAdmin  <s...@questor.org>    The QUESTOR Project
  FREE access to Environ, Sci, Med, & AIDS news, and more.  [also UUCP]
    on a ZyXEL-U1496S+  =>  v.42bis, v.32bis, v.33, up to 16,800bps.
                 -=-         -=-         -=-         -=-
    Fones: (+1 604)  Data: 681-0670  Telefax: 682-6160  Voice: 682-6659
```

Geoffrey Welsh

1/23/93

ee_...@uxmail.ust.hk (Michael Lo Ho Fung) writes:

>   Please tell me what is "PEP" in the Telebit modem

   "PEP" stands for "Packetized Ensemble Protocol", the transport protocol
used with Telebit's proprietary multicarrier modulation technique ("DAMQAM":
Dynamically Adaptive Multicarrier Quadrature Amplitude Modulation). Quite
often "PEP" is used where "DAMQAM" would be technically correct but, in the
case of Telebit modems, the two work hand in hand.

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  Geoffrey Welsh, 7 Strath Humber Court, Islington, Ontario, M9A 4C8 Canada
geoff@zswamp.uucp, [xenitec.on.ca|m2xenix.psg.com]!zswamp!geoff (416)258-8467
              Now I've lost everything, I give to you my soul
          And the meaning of all that I believed before escapes me
               In this world of none, no thing, and no one
                       - Genesis, _Afterglow_
```

Michael Lo Ho Fung

1/24/93

Steve Pershing (s...@questor.org) wrote:

: ee_...@uxmail.ust.hk (Michael Lo Ho Fung) writes:

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: method by which they divide the telephone bandwidth into 512 discreet
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: being able to get high throughput.

What is the max throughput of PEP?

Lo Ho Fung Michael Comp 'N'	== Internet e-mail address ==
Department of	University : ee_...@stu.ust.hk
Electrical & Electronic Engineering	: m...@nyx.cs.du.edu
The Hong Kong University	: mich...@gnct.com
of Science & Technology	Radio Call Sign : VR2YJR

: --

:   Steve Pershing, SysAdmin <s...@questor.org>   The QUESTOR Project
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Marc G Fournier

1/28/93

In article <1993Jan24.1...@uxmail.ust.hk> ee_hflo@PROBLEM_WITH_INEWS_GATEWAY_FILE
(Michael Lo Ho Fung) writes:
>Steve Pershing (s...@questor.org) wrote:
>: ee_...@uxmail.ust.hk (Michael Lo Ho Fung) writes:
>
>: |>   Please tell me what is "PEP" in the Telebit modem
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>: slow carriers on which they transmit the data, and the key to their
>: being able to get high throughput.
>
>   What is the max throughput of PEP?
>

        I've gotten mine up to about 1600cps (avg) with the Worldblazer
TurboPEP and UUCP spoofing
marc
--
Marc G. Fournier | R-node Public Access Unix running Linux 0.99p4
Etobicoke, Ontario | 416-249-5366   24hrs 7 days/week   network email
voice: 249-4230 | shell accounts   1600+ newsgroups   FREE
ma...@r-node.pci.on.ca | Telebit WorldBlazer/SupraModem2400/Cardinal 2400

Lawrence Chen

2/1/93

In article <1993Jan28.1...@r-node.pci.on.ca> ma...@r-node.pci.on.ca (Marc G Fournier)
writes:
>In article <1993Jan24.1...@uxmail.ust.hk> ee_hflo@PROBLEM_WITH_INEWS_GATEWAY_FILE
(Michael Lo Ho Fung) writes:
>>

>>   What is the max throughput of PEP?
>>
>   I've gotten mine up to about 1600cps (avg) with the Worldblazer
>TurboPEP and UUCP spoofing
>

I'm getting 2150cps (avg) with the Worldblazer TurboPEP and UUCP spoofing.
--
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   disclamer = (working_for && !representing) + (Combustion Dynamics Ltd.);