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Changelog for NextGen VEGA
 Between R100S015 and R100S026
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5c1c2fd - redmine#8605 - firmware upgrade failure periodically issue fix
6d38872 - Fix issue #8949 - Vega fax parameters are always use default
values
c0ddb6f - Redmine #8945: Must make sure that an ALERTING request is sent
to R2 stack
ac3ce14 - FIX Issue #8947 - The vega app crashes during the DTMF test
f31a8ab - Fix issue #8857 - RFC2833 LOG Events are printed with name NULL
f3db960 - Correct the dynamic setting of the Vocallo echo tail length
Also correct some STATICVAR to STATICFN.
999ca10 - Change default echo tail length for Octasic builds to 128ms
d0ae6f4 - Fixes for Redmine 8921 and  8803. By design the Vega only
relays DTMF tones (RFC2833) not all tones (FAX, User, MF, etc), so the
interface to the Vocallo has been changed to only filter/relay DTMF when
required.
4cced7f - Fix issue #8834 - The vega 200G autoupgrade script doesn't work
5526470 - Redmine 8933 - Cater for more than 32 LEDs
169295b - Redmine 8919 - Fix SEGV when using sub-addr in ISDN setup
e189fc9 - Backoff stall delay time to 500ms as underlying problem with
interrupt simulate timer fixed
f6f5006 - Correct typo in timer backoff calculation which was causing
false Tx stall indications
cdc16d6 - removing unwanted eprintf from VS_OS_CRASH macro
159263d - Using per VS_MSG_QUEUE mutex to protect VS_MSG_QUEUE variables
(like count) instead of using one mutex for all queues
63dde53 - fixing compilation error
3a8eb9e - Adding own lock in VS_MsgWriteHandle/VS_MsgReadHandle  API to
protect pqueue->inuse variable
ad30555 - redmine#8899 -  terminate snmp agent thread exit whenever app
stopping snmp agent thread.
05be1c7 - Better test for a valid Task. Task stack ptrs sometimes return
NULL
d6a05dd - redmine#Bug #8881: Adding own mutex in vsmesg and also enabling
mutex for VS_MsgReceive API calling from VS_EntityReadMessage
72bc001 - reverting entity msg receive lock and adding disable interrup
mutex back for pqueue->inuse
79fc1d5 - Use TDM termination to play tones in either direction
69cb7e9 - redmine#8871- Replacing DisableInterrupt mutex using for
protecting timer variables with Timer mutex
cc3768c - Adding code to 1) crash vega during watchdog expiry 2)disable
hw watchdog if /rw/vega_hw_watchdog_disable present
54c8a07 - Updated the CW project file
624d08a - Add a mechanism to lock the DSP and keep the DSP->TDM
connection using caller-id detection. Not very elegant and caller id is
never expected.
13f8fe1 - Minor changes
f7f818f - DTMF issue fixes - verified that RFC2833 and in-band both
working fine
7065860 - Fixing DTMF tones issue - modifing code to update Vocallo for
configuring DTMF tones based on requirement(whenever required)
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57ce1ab - Changing MG semaphore to Mutex as in APR semaphore defined as non-recursive mutex but for MG module we need recursive mutex as mg module apis can be invoked by same thread multiple times.
5fdb384 - Redmine #8790: Force the media to open the DSP->TDM connection and keep it open to avoid tone breaks. Also preempt the tone off command when the call is ready to be progressed.
0bf58ff - Changing default value of allow_ecm to FALSE as current Vocallo release (i.e 1.9) has FAX issues while ECM flag is ON
68683e1 -   Fix issue #8062 - FAX with 3CX server not working
03508de - Revert "Fix issue #8062 - FAX with 3CX server not working"
2022f14 - Revert "fixing last 3CX commit issue - printfs was committed bymistake"
731885a - fixing last 3CX commit issue - printfs was committed bymistake
d1db58a - Enabling DTMF relay in vocallo only for DTMF case
08ac3c7 - fixing RFC2833 DTMF issue which got broke due to VOCALLO CONNECT command error response issue fix
7bbb200 - Added a sanity check on str pointer. Based on customer crash core dump.
1009a1b - redmine#8859-replacing VSDLL DisableInterrupt global mutex with independent DLL specific mutex
d6e7444 - Updates related to vega crash on entity expiry. This way we can get the core instead of just rebooting. This feature works in conjunction with /rw/vega_restart_on_crash. If this file is enabled vegad will restart vega instead of rebooting.
86c9bfa - Revert "Changing default fax capability to use TransferredTCF instead of LocalTCF"
552b7d1 - Further fix for Redmine #8790 - double digit generation
6e5748d - adding null ptr check
eb9ad72 - redmine#8859-replacing VSDLL DisableInterrupt global mutex with independent DLL specific mutex
0845e5c - Changing default fax capability to use TransferredTCF instead of LocalTCF
971c736 - Redmine #8814: Change default R2-Mexico times
ebffb2d - Did need to disable the tone Repeat Flag after all
1e4a926 - Fix for Redmine #8290 (double digit generation) Also removed some redundant temporary code to avoid confusion.
4997b44 - Fixing Bug #8842 - Vocallo shows CONNECT error due to adding multiple tone groups in ulTxToneRelayConfigMask
cbf93fa - adding tone groups and VQE back to code as its not affecting fax call flow. removing FAX stats code as we can use CLI to fetch FAX stats
37fc7e1 - Working T.38 code
698d4bf - Revert "adding checks to avoid configuring zero freq1 tone"
99e8603 - adding checks to avoid configuring zero freq1 tone
d6ff92d - Adding code to fetch Vocallo tone information which can be use for debugging purposes
dcbe238 - Fix for Redmine#8758.
da2d1ff - fixing T38 FAX issue
704ba53 - Redmine #8790: Further fix attempt Removed unused "isSetupPending" flag with "deferToneOff" flag Removed redundant previous fix
64314c2 - Fix issue #8062 - FAX with 3CX server not working
e590c78 - Fix for Bug #8414: removed Ping option under LAN profiles since it is not relevant

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e36f2d2 - Fixes for Redmine 8701 and Redmine 8317
7707f92 - Update build version to A026, Engineering Build
c7a39df - changing libs repo branch name to R090BRANCH from R090S025
e1979a9 - Fix for Redmine Bug#8254.
8d88201 - Back to R090BRANCH
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