

Add support for OSLEC echo cancellation

Before you proceed:

1. Make sure you have already installed the kernel source code and gcc compiler.
2. Make sure you have already patched TDM card driver to DAHDI.
3. Take version [dahdi-linux-2.2.0.2](#) for example.

```
[root@localhost ~]# cd /usr/src
```

```
[root@localhost src]# wget http://kernel.org/pub/linux/kernel/v2.6/linux-2.6.28.tar.bz2
```

```
[root@localhost src]# tar -xvf linux-2.6.28.tar.bz2
```

```
[root@localhost src]# mkdir usr/src/dahdi-linux-2.2.0.2/drivers/staging
```

```
[root@localhost src]# cp -fR  
/usr/src/linux-2.6.28/drivers/staging/echo /usr/src/dahdi-linux-2.2.0.2/drivers/staging
```

```
[root@localhost src]# sed -i "s|# obj-m += dahdi_echocan_oslec.o|obj-m +=  
dahdi_echocan_oslec.o|" /usr/src/dahdi-linux-2.2.0.2/drivers/dahdi/Kbuild
```

```
[root@localhost src]# sed -i "s|# obj-m += ../staging/echo/|obj-m += ../staging/echo/|" /usr/src/dahdi-linux-2.2.0.2/drivers/dahdi/Kbuild
```

```
[root@localhost src]# echo 'obj-m += echo.o' >  
/usr/src/dahdi-linux-2.2.0.2/drivers/staging/echo/Kbuild
```

```
[root@localhost dahdi-linux-2.2.0.2]# cd /usr/src/dahdi-linux-2.2.0.2
```

```
[root@localhost dahdi-linux-2.2.0.2]# make
```

```
[root@localhost dahdi-linux-2.2.0.2]# make install
```

```
[root@localhost dahdi-linux-2.2.0.2]# vi /etc/dahdi/genconf_parameters
```

Find and Uncomment this line #echo_can oslec

Before change:

```
#echo_can hpec  
#echo_can oslec  
#echo_can none # to avoid echo canceler altogether
```

After changed:

```
#echo_can hpec  
echo_can oslec  
#echo_can none # to avoid echo canceler altogether
```

Save the changes

```
[root@localhost dahdi-linux-2.2.0.2]# dahdi_genconf
```

```
[root@localhost dahdi-linux-2.2.0.2]# dahdi_cfg -vv
```

<END>