

**Unknown**

---

**From:** Conus Joël  
**Sent:** Friday, August 31, 2001 3:44 PM  
**To:** 'JJ Gee'  
**Cc:** Kudelski Henri; Guggenheim Alan; Groux Cédric  
**Subject:** Doc

**Attachments:** Doc.zip asc



Doc.zip (4 KB)

\*\*\* PGP SIGNATURE VERIFICATION \*\*\*  
\*\*\* Status: Good Signature  
\*\*\* Signer: Joël Conus <conus@nagra.com> (0xACC187D8)  
\*\*\* Signed: 8/31/2001 3:41:54 PM  
\*\*\* Verified: 6/6/2007 12:47:52 AM  
\*\*\* BEGIN PGP DECRYPTED/VERIFIED MESSAGE \*\*\*

Hi JJ,

Here is the list of the ECMs we've made for E\*.

Have a nice weekend,

-Joel

\*\*\* END PGP DECRYPTED/VERIFIED MESSAGE \*\*\*

CASE NO.  
SA CV 03-950 DOC (JTLx)  
ECHOSTAR SATELLITE CORP., et al.,

vs.

NDS GROUP PLC, et al.

DEFENDANT'S EXHIBIT 1260

DATE \_\_\_\_\_ IDEN.

DATE \_\_\_\_\_ EVID.

BY \_\_\_\_\_

Deputy Clerk

CONFIDENTIAL

Case No. SA CV03-950 DOC (JTL)

**Unknown**

---

**From:** Conus Joel  
**Sent:** Friday, August 31, 2001 3:44 PM  
**To:** 'JJ Gee'  
**Cc:** Kudelski Henri; Guggenheim Alan; Groux Cédric  
**Subject:** Doc

**Attachments:** Doc.zip asc



Doc.zip (4 KB)

\*\*\* PGP SIGNATURE VERIFICATION \*\*\*  
\*\*\* Status: Good Signature  
\*\*\* Signer: Joël Conus <conus@Nagra.com> (0xACC197D8)  
\*\*\* Signed: 8/31/2001 3:41:54 PM  
\*\*\* Verified: 6/6/2007 12:47:52 AM  
\*\*\* BEGIN PGP DECRYPTED/VERIFIED MESSAGE \*\*\*

Hi JJ,

Here is the list of the ECMs we've made for E\*.

Have a nice weekend,

-Joel

\*\*\* END PGP DECRYPTED/VERIFIED MESSAGE \*\*\*

Echostar ECM History.txt

Echostar ECM History

-----  
ECM #4 - November 2000  
-----

Target: all the pirate commercial DNASP003 cards  
Effect: loop the card  
Note: very successful; gave a hard time to KoinVizion (biggest dealer at the time).

-----  
ECM #5 - December 2000  
-----

Target: all the pirate commercial DNASP002 cards  
Effect: loop the card, kill the crypto-processor & tag the IRD  
Note: the kill of the cards was successful and the IRDs containing pirate cards have been tagged but that tag couldn't be used later.

-----  
ECM #6 - January 2001  
-----

Target: the KoinVizion E3M V3 DNASP003 cards and the E3M fix 2 & 3 cards from the new group  
Effect: loop the card & kill the crypto-processor  
Note: successful ECM; put KoinVizion and the new group out of business soon after.

-----  
ECM #7 - April 1st 2001  
-----

Target: all the IRDs containing any card that blocks the run-EMMs (or that are behind a blocker device)  
Effect: tag & kill the IRD  
Note: successful ECM; first ECM targeting the IRDs.

-----  
ECM #8 - May 2001  
-----

Target: all the IRDs with an AVR3 blocker inside (especially with the MCG 3.05 software)  
Effect: tag & kill the IRD  
Note: successful ECM; a new software (MCG 3.06) was soon released by the pirates to fix the problem.

-----  
ECM #9 - ???  
-----

Not launched yet.

-----  
ECM #10 - July 25th 2001  
-----

Target: all the DNASP002 & DNASP003 cards that have illegal rights (SUB and/or IPPV) and that do not block the run-EMMs  
Effect: randomize the IRD key, loop the card & kill the crypto-processor  
Note: very successful ECM; many people had illegal rights in locked cards or had a blocker code that was badly applied on their card.