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**UNITED STATES DISTRICT COURT  
CENTRAL DISTRICT OF CALIFORNIA  
SOUTHERN DIVISION**

ECHOSTAR SATELLITE CORP., et al.,

Plaintiff/Counterclaim  
Defendants,

vs.

NDS GROUP PLC, et al.,

Defendant/Counterclaim  
Plaintiffs.

Case No.: No. SA CV 03-950 DOC(JTLx)

**DECLARATION OF CHRISTOPHE  
NICOLAS**

Dept: 9D  
Judge: Hon. David O. Carter

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**DECLARATION OF CHRISTOPHE NICOLAS**

I, Christophe Nicolas, hereby affirm and declare the following to be true to the best of my knowledge information and belief.

1. I am a Senior Vice President of Nagracard and Chief Technology Officer for Nagracard and Nagravisioin.

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5. Among the documents produced is a hand-written memory map for the ROM3 card which I prepared in approximately 1996, soon after I began work for NV, because there did not already exist a memory map, nor any documentation of the API, such as a programmers' guide or manual that identifies the purpose of each memory address in the DNASP-II chips or explains the use of the bytes in memory regions. To my knowledge and understanding, such documents never did exist. Documents previously produced in response to category No. 5 of NDS' requests explain the commands between the IRD and the smartcard. There is no document explaining the ability to execute code from memory regions, and no such document has ever existed.

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Executed this 10th day of December, 2007 at Cheseaux, Switzerland



Christophe Nicolas

Witness:



Richard Magnan