

# nagra star

90 Inverness Circle East  
Englewood, CO 80112  
Phone: (303) 706-5700

## Purchase Order

Date	P.O. No.
1/8/2004	2003-709

<b>Vendor</b>
NagraCard SA Route Du Geneve 22 Case Postale 134 CH 1033 Cheseaux Switzerland

<b>Ship To</b>
NagraStar, LLC 94 Inverness Circle East Englewood, CO 80112 USA

Item	Description	Qty	Rate	Project	Amount
127843	DISH S01 Field Swap smartcard with graphics  Note: These must have: - SWAP production keys - Swap artwork - Be in the defined DISH S01 Swap production range: UA (aux): TBD - 0x033C2FFF, UA (dsc): TBD - 800 54329 3431, SOP: TBD, rev: TBD	4,000,000	7.00	EchoStar	28,000,000.00
UA File	UA File  Note: Acceptance of the product listed within, and payment of this purchase order is subject to NagraStar QA and EchoStar successful qualification of the part listed within.  In the event that the S01 smartcards are compromised within four (4) years from each smartcard shipment, and security cannot be restored in a reasonable time period without swapping them during the warranty period of four (4) years, NagraCard will replace for free the S01 cards shipped against this P.O. Cost of the replacement cards out of warranty will be \$7.00 each, unless an agreement is reached on the rental model.  Smartcards will be designed for permanent continuous operation for at least four (4) years with a global	4,000,000	0.00	EchoStar	0.00
				<b>Total</b>	

Signature Required 

HIGHLY CONFIDENTIAL -  
SUBJECT TO PROTECTIVE ORDER

Case No. SA CV03-950 DOC (JTL)

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

vs.

NDS GROUP PLC, et al  
DEFENDANT'S EXHIBIT 1584

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

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

BY \_\_\_\_\_ Clerk



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1/8/2004	2003-709

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NagraCard SA Route Du Commerce 22 Case Postale 134 CH 1033 Cheseaux Switzerland

<b>Ship To</b>
NagraStar, LLC 94 Inverness Circle East Englewood, CO 80112 USA

<b>Terms</b>	<b>Account #</b>	<b>Expected</b>	<b>Ship Via</b>	<b>FOB</b>
Net 30		3/15/2004	Air	

Item	Description	Qty	Rate	Project	Amount
127843	DISH S01 Field Swap smartcard with graphics  Note: These must have: - SWAP production keys - Swap artwork - Be in the defined DISH S01 Swap production range: UA (max): TBD - 0x035CFFFF, UA (min): TBD - S00 54329 3431, SOP: TBD, rev: TBD	4,000,000	7.00	EchoStar	28,000,000.00
UA File	UA File  Note: Acceptance of the product listed within and payment of this purchase order is subject to NagraStar QA and EchoStar successful qualification of the part listed within.  In the event that the S01 smartcards are compromised within four (4) years from each smartcard shipment, and security cannot be restored in a reasonable time period without swapping them during the warranty period of four (4) years, NagraCard will replace for free the S01 cards shipped against this P.O. Cost of the replacement cards out of warranty will be \$7.00 each, unless an agreement is reached on the rental model.  Smartcards will be designed for permanent continuous operation for at least four (4) years with a global	4,000,000	0.00	EchoStar	0.00
<b>Total</b>					

Signature Required 



90 Inverness Circle East  
 Englewood, CO 80112  
 Phone: (303) 706-5700

# Purchase Order

Date	P.O. No.
1/18/2004	2003-709

<b>Vendor</b>
NagraCard SA Route De Geneve 22 Case Postale 134 CH 1033 Cheseaux Switzerland

<b>Ship To</b>
NagraStar, LLC 94 Inverness Circle East Englewood, CO 80112 USA

<b>Terms</b>	<b>Account #</b>	<b>Expected</b>	<b>Ship Via</b>	<b>FOB</b>
Net 30		3/15/2004	Air	

Item	Description	Qty	Rate	Project	Amount
	<p>annual failure rate of 1% or less of total active cards. If the failure rate of smartcards that are within four (4) years of their first activation is higher than 1% of total shipped cards, NagraCard will replace for free the cards shipped against this PO that are less than four (4) years old and that fail in excess of the above mentioned failure rate.</p> <p>EchoStar, NagraStar and NagraCard will in good faith negotiate the terms of a new business model for the rental of security modules and warranty conditions before the release of the first smartcard listed within. The goal being to:</p> <ul style="list-style-type: none"> <li>- Achieve the longest possible product and security life of smartcards, while keeping the product life always greater than the security life of the smartcard.</li> <li>- While, in the short term, not penalizing NagraStar or NagraCard, give a long term financial incentive and compensation for the added costs and risks to prolong the physical and security life of the smartcards without requiring a new smartcard exchange.</li> </ul> <p>This Blanket Purchase Agreement is issued to cover such portions of NagraStar requirements of the part listed within, for the period from March through November 2004.</p> <p>Quantities and delivery dates will be directed by NagraStar, LLC.</p>				
<b>Total</b>					\$28,000,000.00

Signature Required

