HELEIN & ASSOCIATES, P. C.

ATTORNEYS AT LAW

8180 GREENSBORO DRIVE SUITE 700 MCLEAN, VA 22102

(703) 714-1300 (TELEPHONE) (703) 714-1330 (FACSIMILE)

mail@helein.com (EMAIL)

RECEIVED-DOCKETING DIV

98 DEC 29 PM 1:02

WRITER'S DIRECT EMAIL ADDRESS: jmarashlia@helein.com

WRITER'S DIRECT DIAL NUMBER: (703) 714-1313

December 28, 1998

Via Overnight Courier

Public Utilities Commission of Ohio Attention: Docketing Division 180 East Broad Street Columbus, OH 43215-3793

> 563 Registration Form for Public Competitive Telecommunications Re: Service Provider

Ladies and Gentlemen:

On behalf of NOS Communications, Inc., we hereby submit the original and ten copies of its 563 Registration Form for Public Competitive Telecommunications Service.

An additional copy of this letter and filing is enclosed. Please date-stamp the extra copy and return it to the undersigned in the enclosed stamped, self-addressed envelope. Should you have any questions or need additional information, please contact me.

Respectfully submitted,

Jonathan S. Marashlian

Enclosures

This is to certify that the images appearing are an accurate and complete reproduction of a case fills document delivered in the regular course of business

PUBLIC UTILITIES COMMISSION OF OHIO

PUBLIC COMPETITIVE TELECOMMUNICATIONS SERVICE PROVIDER 563 REGISTRATION FORM ISSUED: December 21, 1995 56 DEC 29 PM 1: 0.2

In the	Mati	ter of t	the Application of NICATIONS, INC. Case No 98-1703-CT-190E PUCO
To	Rese	11 IX	Case No 18-17/03-CT-140 CT-140
Name Regist	of Retrant's	egistra s Addı	nntNOS COMMUNICATIONS, INC. ress4380 Boulder Highway, Las Vegas, NV 89121
Contac	rt Per	ะกท	Marlo Oliver (Phone - 702-547-8000)
Date	U4		TRF Docket NoCT-TRF
Juic			TRF Docket NoCT-TRF
I.	in o	conjun omatic	the reason for submitting this form (check only one) (NOTES: 1. If a waiver is filed action with an automatic case, see I.D.2.b. of the 563 guidelines for the applicable time frame; and 2. The number of copies noted below must be accompanied by an illing. Facsimiles are not acceptable.):
		1.	(ABN) Withdrawal or Abandonment of all Services (14-day notice, 13 copies)
	3	2.	(ACE) New Operating Authority (30-day approval, 10 copies) IXC
		3.	(AMT) Merger (14-day notice, 13 copies)
	ā	4.	(ATR) Transfer or Transaction Affecting Operating Authority (14-day notice, 7 copies)
		5.	(ARJ) All Other Requests for Relief from Jurisdiction (NOT automatic, 10 copies)
		6.	(MTW) "Me Too" Waiver (30-day approval, 10 copies)
	ā	7.	(RRJ) Interexchange Switchless Rebiller Request for Relief from Jurisdiction (30-day approval, 10 copies)
		8.	(WVR) Request for Waiver from Portion(s) of 563 pursuant to I.D.3. of the 563 guidelines. (NOT automatic, 10 copies)
		9.	(ZAC) Contract (0-day notice, 10 copies)
		10.	(ZCN) Change of Name (0-day notice, 10 copies)
		11.	(ZCO) Change in Ownership (0-day notice, 10 copies)
		12.	(ZTA) Introduction of new tariffed service(s), textual revision, correction of error, addition of service area(s), etc. (0-day notice, 10 copies)
		13.	(UNC) Unclassified (explain) (NOT automatic, 10 copies)
		14.	Other (explain) (NOT automatic, 10 copies)
	ТНЕ	FOLL	OWING ARE TRF FILINGS ONLY, NOT NEW CASES (0-day notice, 3 copies)
	u	15.	Introduction or Extension of Promotional Offering
	<u> </u>		New Price List Rate for Existing Service.
İ		17.	Designation of Registrant's Process Agent(s)
II.	Indic list al	ate wh	hich of the following exhibits have been filed. The numbers (corresponding to the indicate, at a minimum, the types of cases in which the exhibit is required:
	ØX ØX	Stater	by of registrant's proposed informational tariff. (2) SEE EXHIBIT A ment affirming that the registrant has notified the Ohio Department of Taxation of tent to conduct operations as a telephone utility in the State of Ohio. (2) SEE EXHIBIT B
f	⊠ t	T ist of	f names addresses and phone numbers of afficient and distriction (2) SEE EXHIBIT B
		priei (f names, addresses, and phone numbers of officers and directors, or partners. (2-4) SEE EXHIBIT C description of service(s) proposed, as well as the targeted market(s). (2) SEE EXHIBIT D of tariff sheet(s) & price list(s) superseded, marked as Exhibit A.
		(1,3-4	,6,8,10,12-16)

		13 MOVE WITH SUCCES OF THIS METERAL 2C HAPINITE IN 11 2 4 C O 10 10 10
		If increase to residential MTS, DA, or traditional operator surcharges, specify which
		notice procedure will be utilized: real time; or annual. (12, 16)
		Copy of real time notice which has been provided to customers. (1,3,10-12,16)
		Copy of annual notice which will be seen provided to customers. (1,3,10-12,16)
		Copy of annual notice which will be sent to customers is: included with this filing; or will be filed with the Commission
	a	
		2 companion and rationale for proposed tariff changes including a second of
		(0)010177 701
	ā	Delineation of any deaveraged message toll service, if applicable. (6, 12-16)
		otation explaining rationale for proposal (1.3-5.10.11)
	Σk	List of Unio counties specifically involved or affected (1.6.9.10.10)
	KX.	octational Holli Ollio Decretary of State as to partie pro-
		and state of the management of the period of the period of the period of the management of the period of the perio
		Justification for waiver of specific element(s) of 563. (6,8)
		Responses to questions contained in Appendix A, Attachment 4 to the 563 guidelines (7)
		For radio common carriers, a statement affirming that registrant has obtained all
		necessary federal authority to conduct examining that registrant has obtained all
		necessary federal authority to conduct operations being proposed, and that copies have
		been furnished by cellular, paging, and mobile companies to this Commission of any Form
		401, 463, and/or 489 which the applicant has filed with the Federal Communications
		Other information requested by the Commission staff.
		the Commission staff.
	respe docke	strant hereby attests to its compliance with the following requirements in the Service irements Form, as well as all pertinent entries and orders issued by the Commission with ct to these issues. Further, registrant hereby affirms that it will maintain with its TRF et an up-to-date, properly marked, copy of the Service Requirements Form available for c inspection.
		latory requirements for all CTS providers:
	[x	Sales tax
		Deposits
	Servic	e requirements for CTS providers of certain services (check all applicable):
		Discours for Leisons with Communication Disabilities and the Telegoneses to D.
	XXI]	Emergency Services Calling Plan
		Alternative Operator Service (AOS) requirements
	XX]	Limitation of Liability
		Fermination Liability Language
IV.	List na	mes, titles, and addresses of those persons and
	the Co	mes, titles, and addresses of those persons authorized to make and/or verify filings at mmission on behalf of the registrant:
MARLO	S. OL	IVER, General Counsel, 4380 Boulder Highway, Las Vegas, Nevada 89121-3002
CHARLE	S H. I	HELEIN, Regulatory Counsel, HELEIN & ASSOCIATES, 8180 Greensboro Drive, Ste. 700
		McLean Virginia 22202
	NOTE:	An annual report is required to be filed with the Commission by each company on an annual basis. The annual report form will be sent for completion to the address and individual(s) identified in this Section unless another address or individual is so indicated.

VERIFICATION

I,JOSEPH_T. KOPPY, PRESIDENT verify that I have utilized, verbatim, the Commission's 563 Registration Form issued December 21, 1995 and that all of the information submitted here, and all additional information submitted in connection with Case No
* A verification is required for every filing. It may be signed by counsel or a process agent designated by the Registrant, except that initial certification cases (ACE) must be signed by an officer of the registering entity.

Send your completed Registration Form, including all required attachments as well as the required number of copies, to:

Public Utilities Commission of Ohio

Public Utilities Commission of Ohio Attention: Docketing Division 180 East Broad Street Columbus, OH 43215-3793

EXHIBIT A

NOS Communications, Inc.

Informational Tariff

OHIO

TELECOMMUNICATIONS TARIFF

OF

NOS COMMUNICATIONS, INC.

This tariff contains the descriptions, regulations, and rates applicable to the furnishing of service and facilities for telecommunications services provided by NOS Communications, Inc. ("NOS") within the state of Ohio.

ISSUED:

EFFECTIVE:

Issued By:

CHECK SHEET

Pages 1 through 27 inclusive of this tariff are effective as of the date shown at the bottom of the respective page(s). Original and revised pages as named below comprise all changes from the original tariff and are currently in effect as of the date at the bottom of this page.

PAGE	REVISION
Title	Original
1	Original
2	Original
3	Original
4	Original
5	Original
6	Original
7	Original
8	Original
9	Original
10	Original
11	Original
12	Original
13	Original
14	Original
15 16	Original
17	Original
18	Original
19	Original
20	Original
21	Original
22	Original
23	Original
24	Original
25	Original
26	Original
27	Original Original
	Original

ISSUED:

EFFECTIVE:

Issued By:

^{*}Denotes pages included with this filing.

TABLE OF CONTENTS

Section	1	-	Technical Terms and Abbreviations						4
			Rules and Regulations						
			Description of Service						
			Rates						
			Promotional Offerings			•	•	•	 -

ISSUED:

EFFECTIVE:

Issued By:

SYMBOLS

The following are the only symbols used for the purposes indicated below:

- D Delete or discontinue.
- I Change Resulting in an increase to a customer's bill.
- $\boldsymbol{\mathtt{M}}$ Moved from another tariff location.
- N New
- \boldsymbol{R} Change resulting in a reduction to a customer's bill.
- $\boldsymbol{\mathtt{T}}$ Change in text or regulation.

ISSUED:

EFFECTIVE:

Issued By:

SECTION 1 - TECHNICAL TERMS AND ABBREVIATIONS

Access Line - An arrangement which connects the customer's location to a NOS Communications, Inc. switching center or point of presence.

Account Codes - Optional, customer defined digits that allow the customer to identify the individual user, department or client associated with a call.

Authorized User - A person, firm, corporation, or any other entity authorized by the customer to communicate utilizing the Company's service.

Business Day - 9:00 a.m. to 4:00 p.m. Monday through Friday.

Call Unit - A Call Unit is either Minimum, Incremental, Equivalent, or Total as defined herein.

Cents per Minute of Usage ("CPMU") - The Carrier's charges billed in whole cents or fractions of cents as Minimum and/or Incremental Call Units and apply to the duration of time in minutes or fractions thereof beginning when the Customer's call is connected to Carrier's network and ending when the call is disconnected from the network, but is not inclusive of non-transport, non-usage charges.

Company or Carrier - NOS Communications, Inc. unless otherwise clearly indicated by the context.

Commission - The Public Utilities Commission of Ohio.

Customer - The person, firm, corporation or other entity which orders, cancels, amends or uses service and is responsible for payment of charges and compliance with the Company's tariff.

ISSUED:

EFFECTIVE:

Issued By:

SECTION 1 - TECHNICAL TERMS AND ABBREVIATIONS (Cont'd)

Equivalent Call Unit (ECU) - A Call Unit equivalent to one or more Incremental Call Units, added to Total Call Units to recover the "non-transport" costs incurred by Carrier in providing service.

Incremental Call Unit - The minimum additional period after a Minimum Call Unit for which charges are incurred for a call and, except as otherwise provided in this tariff, equals six (6) seconds.

Minimum Call Unit (MCU) - The minimum period for which charges are incurred for calls and, except as otherwise provided for in this tariff, equals 18 seconds.

Non-Business Day - 4:01 p.m. to 8:59 a.m., Monday through Friday, and all day Saturday and Sunday.

 ${\bf NOS}$ - Used throughout this tariff to mean NOS Communications, Inc. unless clearly indicated otherwise by the text.

ISSUED:

EFFECTIVE:

Issued By:

SECTION 1 - TECHNICAL TERMS AND ABBREVIATIONS (Cont'd)

Special Access Origination - Where originating access between the customer and the interexchange carrier is provided on dedicated circuits. The cost of these dedicated circuits is billed by the access provider directly to the end user.

Switched Access Origination - Where originating access between the customer and the interexchange carrier is provided on local exchange company Feature Group circuits. The cost of switched Feature Group access is billed to the interexchange carrier.

Total Call Units - The number of applicable Call Units (Minimum, Incremental, and Equivalent) which when added together determine the charges for a call. Total Call Units include one or more Equivalent Call Units and will appear on a Customer's monthly bill expressed in whole numbers and fractionally in tenths (e.g., .1, .4, .9, 1.4, 5.6, etc.).

ISSUED:

EFFECTIVE:

Issued By:

SECTION 2 - RULES AND REGULATIONS

2.1 Undertaking of the Company

The Company's services and facilities are furnished for communications originating at specified points within the state of Ohio under terms of this tariff.

The Company installs, operates, and maintains the communications services provided herein under in accordance with the terms and conditions set forth under this tariff. The Company may act as the customer's agent for ordering access connection facilities provided by other carriers or entities, when authorized by the Customer, to allow connection of a customer's location to the Company's network. The customer shall be responsible for all charges due for such service arrangement.

The Company's services and facilities are provided on a monthly basis unless otherwise provided, and are available twenty-four hours per day, seven days per week.

ISSUED:

EFFECTIVE:

Issued By:

2.2 Limitations

- 2.2.1 Service is offered subject to the availability of the necessary facilities and equipment, and subject to the provisions of this tariff.
- 2.2.2 The Company reserves the right to discontinue or limit service when necessitated by conditions beyond its control, or when the customer is using service in violation of provisions of this tariff, or in violation of the law.
- 2.2.3 The Company does not undertake to transmit messages, but offers the use of its facilities when available, and will not be liable for errors in transmission or for failure to establish connections.
- 2.2.4 All facilities and services provided under this tariff are directly or indirectly controlled by the Company and the customer may not transfer or assign the use of service or facilities without the express written consent of the Company. Such transfer or assignment shall only apply where there is no interruption of the use or location of the service or facilities.
- 2.2.5 Prior written permission from the Company is required before any assignment or transfer. All regulations and conditions contained in this tariff shall apply to all such permitted assignees or transferees, as well as all conditions of service.

2.3 Use

Services provided under this tariff may be used for any lawful purpose for which the service is technically suited.

ISSUED:

EFFECTIVE:

Issued By:

2.4 Liabilities of the Company

- 2.4.1 The Company's liability for damages arising out of mistakes, interruptions, omissions, delays, errors, or defects in transmission which occur in the course of furnishing service or facilities in no event shall exceed an amount equivalent to the proportionate charge to the customer for the period during which the faults in transmission occur.
- 2.4.2 The Company shall not be liable for claim or loss, expense or damage (including indirect, special or consequential damage), for any interruption, delay, error, omission, or defect in any service, facility or transmission provided under this tariff, if caused by any person or entity other than the Company, by any malfunction of any service or facility provided by any other carrier, by an act of God, fire, war, civil disturbance, or act of government, or by any other cause beyond the Company's direct control.

ISSUED:

EFFECTIVE:

Issued By:

2.4 Liabilities of Company (Cont'd)

- The Company shall not be liable for, and shall be 2.4.3 fully indemnified and held harmless by customer against any claim or loss, expense, or damage (including indirect, special or consequential damage) for defamation, libel, slander, invasion, infringement of copyright or patent, unauthorized use of any trademark, tradename or service mark, competition, unfair interference with misappropriation or violation of any contract, proprietary or creative right, or any other injury to any person, property or entity arising out of the material, data, information, or other content revealed to, transmitted, or used by the Company under this tariff; or for any act or omission of the customer; or for any personal injury or death of any person caused directly or indirectly by the installation, maintenance, location, condition, operation, failure, presence, use or removal of equipment or wiring provided by the Company, if not directly caused by negligence of the Company.
- 2.4.4 The Company shall not be liable for any defacement of or damages to the premises of a customer resulting from the furnishing of service which is not the direct result of the Company's negligence.

ISSUED:

EFFECTIVE:

Issued By:

2.5 Deposits

The Company does not require a deposit from the customer.

2.6 Advance Payments

For customers whom the Company feels an advance payment is necessary, the Company reserves the right to collect an amount not to exceed one (1) month's estimated charges as an advance payment for service. This will be applied against the next month's charges and a new advance payment may be collected for the next month.

2.7 Taxes

All state and local taxes (i.e., gross receipts tax, sales tax, municipal utilities tax) are listed as separate line items and are not included in the quoted rates.

2.8 Terminal Equipment

The Company's facilities and service may be used with or terminated in customer-provided terminal equipment or customer-provided communications systems, such as a PBX, key systems or pay telephone. Such terminal equipment shall be furnished and maintained at the expense of the customer, except as otherwise provided. The customer is responsible for all costs at his or her premises, including personnel, wiring, electrical power, and the like, incurred in the use of the Company's service. When such terminal equipment is used, the equipment shall comply with the generally accepted minimum protective criteria standards of the telecommunications industry as endorsed by the Federal Communications Commission.

ISSUED:

EFFECTIVE:

Issued By:

2.9 Installation and Termination

Service is installed upon mutual agreement between the customer and the Company. The service agreement does not alter rates specified in this tariff.

2.10 Payment for Service

The customer is responsible for payment of all charges for services and equipment furnished to the customer or to an authorized user of the customer by the Company. All charges due by the Customer are payable to the Company or to the Company's authorized billing agency. Terms of payment shall be according to the rules and regulations of the Public Utilities Commission of Ohio. Any objections to billed charges must be promptly reported to the Company. Adjustments to customer's bills shall be made to the extent that circumstances exist which reasonably indicate that such changes are appropriate.

2.11 Cancellation by Customer

Customer may cancel service by providing 30 days written notice to the Company.

2.12 Interconnection

Service furnished by the Company may be connected with the services or facilities of other carriers. Such service or facilities are provided under the terms, rates and conditions of the other carrier. The customer is responsible for all charges billed by other carriers for use in connection with the Company's service. Any special interface equipment or facilities necessary to achieve compatibility between carriers is the responsibility of the customer.

ISSUED:

EFFECTIVE:

Issued By:

2.13 Refusal or Discontinuance by Company

- 2.13.1 The Company may refuse or discontinue service with proper notice to the customer for any of the following reasons:
 - (a) For failure of the customer to pay a bill for service when it is due.
 - (b) For failure of the customer to meet the Company's deposit and credit requirements.
 - (c) For failure of the customer to make proper application for service.
 - (d) For customer's violation of any of the Company's rules on file with the Commission.
 - (e) For failure of the customer to provide the Company reasonable access to its equipment and property.
 - (f) For customer's breach of any contract for service between the Company and the customer.
 - (g) For a failure of the customer to furnish such service, equipment, and/or rights-of-way necessary to serve said customer as shall have been specified by the Company as a condition of obtaining service.
 - (h) When necessary for the Company to comply with any order or request of any governmental authority having jurisdiction.

ISSUED:

EFFECTIVE:

Issued By: Tariff Administrator 4380 Boulder Highway

4380 Boulder Highway Las Vegas, Nevada 89121

2.13 Refusal or Discontinuance by Company (Cont'd)

- 2.13.2 The Company may refuse or discontinue service without notice to the customer for any of the following reasons:
 - (a) In the event of tampering with the Company's equipment.
 - (b) In the event of a condition determined to be hazardous to the customer, to other customers of the Company, to the Company's equipment, the public, or to employees of the Company.
 - (c) In the event of a customer's use of equipment in such a manner as to adversely affect the Company's equipment or the Company's service to others.

2.14 Interruption of Service

Credit allowances for interruptions of service which are not due to the Company's testing or adjusting, to the negligence of the customer, or to the failure of channels, equipment or communications systems provided by the customer, are subject to the general liability provisions set forth in Section 2.4 herein. It shall be the obligation of the customer to notify the Company immediately of any interruption in service for which a credit allowance is desired by customer. giving such notice, customer shall ascertain that the trouble is not within his or her control, or is not in wiring or equipment, if any, furnished by customer and connected to the Company's terminal. Interruptions caused by customer-provided or Company-provided automatic dialing equipment are not deemed an interruption of service as defined herein since the customer has the option of using the long distance network via local exchange company access.

ISSUED:

EFFECTIVE:

Issued By:

2.15 Inspection, Testing and Adjustment

Upon reasonable notice, the facilities provided by the Company shall be made available to the Company for tests and adjustments as may be deemed necessary by the Company for maintenance. No interruption allowance will be granted for the time during which such tests and adjustments are made.

2.16 Tests, Pilots, Promotional Campaigns and Contests

The Company may conduct special tests or pilot programs and promotions at its discretion to demonstrate the ease of use, quality of service and to promote the sale of its services. The Company may also waive a portion or all processing fees or installation fees for winner of contests and other occasional promotional events sponsored or endorsed by the Company. From time to time the Company may waive all processing fees for a customer.

2.17 Cost of Collection and Repair

The customer is responsible for any and all costs incurred in the collection of money due the Company including legal and accounting expenses. Customer is also responsible for recovery costs of Company-provided equipment and any expenses required for repair or replacement of damaged equipment.

ISSUED:

EFFECTIVE:

Issued By:

SECTION 3 - DESCRIPTION OF SERVICE

3.1 Timing of Calls

- 3.1.1 Long distance usage charges are based on the usage of the Company's network. The Company will determine that a call has been established by signal from the local telephone company.
- 3.1.2 Charges for calls are based on usage of the Company's network (transport) and the related non-transport functions including without limitation, installation/account set up, general and account administration, regulatory fees, and other costs.
- 3.1.3 Charges for a call are determined by adding all applicable Call Units as defined in this tariff Minimum, Incremental, and Equivalent and are in lieu of additional surcharges, the imposition of minimum service terms or other special charges, unless expressly set forth in this tariff.
- 3.1.4 The Company adds one or more ECUs in determining TCUs to recover the equivalent of the costs for the non-transport functions of providing a call according to a non-discriminatory algorithm applied to all customers unless otherwise provided for herein.

ISSUED:

EFFECTIVE:

Issued By: Tariff Administrator 4380 Boulder Highway

4380 Boulder Highway Las Vegas, Nevada 89121

3.1 Timing of Calls (Cont'd)

3.1.4 (Cont'd)

Usage increments expressed in seconds for calls not in excess of 1200 total seconds determine applicable Equivalent Call Unit charges not to exceed a maximum of 205 ECUs:

Increments Applicable Increments Inc	Usage		Usage			Usage		
Seconds ECU(s) Second(s) ECU(s) Second(s) ECU(s)	Increments	Applicable	Increments	Applicable			Applicable	
1-3 0 270-275 50 570-575 100 4-5 1 276-281 51 576-581 101 6-7 2 2 282-287 52 582-587 102 8-9 3 288-293 53 588-593 103 10-11 4 294-299 54 594-599 104 12-13 5 300-305 55 600-605 105 14-15 6 306-311 56 606-611 106 16-17 7 312-317 57 612-617 107 18-22 8 318-323 58 618-623 1-2-13 0 10 330-335 60 68-621 108 27-30 10 330-335 60 68-621 108 27-30 10 330-335 60 68-629 108 27-30 10 330-335 60 68-629 108 27-30 10 330-335 60 68-629 108 27-50 10 330-335 60 68-621 110 6-6-61 110 630-631 110 6-6-61 110 630-631 110 6-6-61 15 366-31 66 69-655 111 6-6-65 15 361-365 66 66-665 115 66-71 16 366-371 66 66-665 115 66-71 16 366-371 66 66-667 116 72-77 17 372-377 67 672-671 116 84-89 19 381-389 69 684-689 119 90-95 20 381-389 69 684-689 118 90-95 20 390-95 10 390-95 10 390-95 10 390-95 10 390-95 10 10 390-95 10 10 390-95 10 11 696-701 12 100-107 22 402-407 10 690-695 120 102-107 22 402-407 77 77 772-777 12 108-108-108-108-108-108-108-108-108-108-	(Seconds)	ECU(s)	(Seconds)	ECU(s)				
4-5	1-3	0	270-275					
6-7			276-281	51				
8-9 3 288-293 53 588-593 103 10-11 4 294-299 54 594-599 104 12-13 5 300-305 55 600-605 105 12-13 5 300-305 55 600-605 105 14-15 6 306-311 56 606-611 106 16-17 7 312-317 57 612-617 107 18-22 8 318-323 58 619-623 108 23-26 9 324-329 59 619-623 109 23-36 9 324-329 59 619-623 109 31-35 11 336-341 61 636-635 110 31-35 11 336-341 61 636-641 111 45-53 13 38-353 60 64 62-647 112 45-53 13 38-353 63 642-667 112 6-6-5 15 361-365 65 666-655 114 66-71 16 366-311 66 654-659 114 66-71 16 366-311 66 666-671 116 72-77 17 372-377 67 672-671 116 72-77 17 372-377 67 672-671 116 90-95 20 390-395 70 690-695 120 90-95 20 390-395 70 690-695 120 90-95 20 390-395 70 690-695 120 102-107 22 402-407 72 702-707 122 102-107 22 402-407 72 702-707 122 102-107 22 402-407 72 702-707 122 102-107 22 402-407 72 702-707 122 102-107 22 402-407 72 702-707 122 102-107 12 344-449 74 714-719 124 110-115 24 414-419 74 714-719 124 110-115 30 408-413 76 762-713 126 113-114-119 24 414-419 74 714-719 124 110-125 25 402-425 75 720-725 125 126-131 26 426-431 76 726-731 126 132-137 77 432-437 77 732-737 127 133-143 28 438-443 78 738-743 128 144-149 99 444-49 99 444-79 129 150-155 30 406-455 80 750-755 130 156-161 31 456-646 81 156-755 130 156-161 31 456-646 81 156-755 130 156-179 34 408-433 88 788-833 133 174-179 34 474-49 84 774-779 134 180-185 35 480-485 85 780-785 130 156-161 31 456-646 81 156-521 91 116-621 141 122-22-237 42 252-227 92 822-827 142 228-233 43 528-533 93 828-833 143 134-199 344-839 444 93-99 844-839 144 228-233 43 528-533 93 828-833 143 240-245 45 500-545 95 840-845 145 240-225 47 552-557 97 852-857 147			282-287	52				
10-11 4 294-299 54 594-599 104 12-13 5 300-305 55 600-605 105 14-15 6 306-311 56 600-601 106 16-17 7 312-317 57 612-617 107 18-22 8 318-323 58 612-612 108 23-26 9 324-329 59 624-629 109 27-30 10 330-335 60 630-635 110 31-35 11 336-341 61 636-641 111 36-44 12 342-347 62 642-647 112 45-53 13 38-353 63 648-653 113 54-59 14 354-360 64 654-659 114 66-65 15 361-365 65 660-665 115 66-71 16 366-371 66 666-671 116 72-77 17 372-377 67 67 672-677 117 78-83 18 378-383 68 678-683 118 84-89 19 344-389 69 684-689 119 90-95 20 390-395 70 690-695 112 90-101 21 396-401 71 696-701 121 102-107 22 402-407 72 702-701 122 108-113 23 408-413 73 708-713 123 114-119 24 414-419 74 714-719 124 120-125 25 420-425 75 712-713 126-131 26 426-431 76 726-771 127 138-143 28 438-443 78 738-743 128 144-149 29 444-449 79 744-749 124 120-125 35 400-485 80 788-779 137 136-133 348-435 80 788-779 138-149 156-161 31 456-461 81 756-761 131 162-167 32 462-467 82 762-767 132 186-173 33 468-473 83 788-773-779 138-143 128 144-149 39 444-449 79 744-749 124 120-125 35 400-485 80 788-779 134 120-125 30 468-475 80 788-779 134 120-125 31 466-461 81 756-761 131 162-167 32 462-467 82 762-767 132 166-179 34 474-479 84 774-779 134 180-185 35 400-485 80 789-803 138 180-185 35 400-485 85 80 789-803 138 180-185 35 400-485 85 80 789-803 138 180-185 35 540-515 95 80-803 138 144-15 64 558-563 98 858-867 147	8-9	3	288-293	53				JOSEPH SERVICE
12-13 5 300-301 55 600-605 105 14-15 6 306-311 56 606-611 106 16-17 7 312-317 57 612-617 107 18-22 8 318-323 58 618-623 108 23-26 9 324-329 59 618-623 108 23-26 9 324-329 59 624-629 109 27-30 10 330-335 60 630-635 110 31-35 11 336-341 61 636-645 111 36-44 12 342-347 62 642-647 112 45-53 13 348-353 63 648-653 113 56-459 14 354-360 64 654-659 114 60-65 15 361-365 65 660-665 115 66-71 16 366-371 66 666-671 116 67-277 17 372-377 67 672-677 117 78-83 18 378-383 68 678-683 118 84-89 19 384-389 69 684-689 119 90-95 20 390-395 70 684-689 119 90-95 20 390-395 70 684-689 119 90-96-101 21 396-401 71 686-701 121 102-107 22 402-407 72 702-707 122 108-113 23 408-413 73 708-713 123 114-119 24 414-419 74 714-719 124 120-125 25 420-425 75 720-725 125 126-131 26 426-61 81 762-731 126 132-137 27 422-437 77 732-737 127 138-143 28 438-449 79 744-749 129 150-155 30 486-473 83 788-78 128 144-149 29 444-449 79 744-749 129 150-155 30 486-473 83 788-78 128 144-149 29 444-449 79 744-749 129 150-155 30 486-473 83 788-78 128 144-149 29 444-449 79 744-749 129 150-155 30 486-473 83 762-767 132 166-173 33 468-473 83 762-767 132 168-173 33 468-473 83 762-767 132 168-173 33 468-473 83 762-767 132 168-173 33 468-473 83 778-785 130 156-161 31 456-461 81 776-778 134 120-125 40 456-461 81 776-778 134 121-129 34 444-49 79 744-749 129 150-155 30 486-473 83 762-767 132 168-173 33 468-473 83 762-767 132 168-173 33 468-473 83 778-778 133 174-179 34 474-479 84 774-779 134 180-185 35 400-485 85 780-785 130 156-161 31 456-461 81 776-778 134 192-207 38 492-497 87 792-797 137 199-203 38 498-503 88 798-803 138 100-185 35 400-485 85 80 808-803 138 100-185 340-485 85 868-863 148	10-11	4	294-299					
14-15 6 306-311 56 60-611 106 16-17 7 312-317 57 612-617 107 18-22 8 318-323 58 612-623 108 23-26 9 324-329 59 624-629 109 27-30 10 330-335 60 630-635 110 31-35 11 336-341 61 656-641 111 36-44 12 342-347 62 642-647 112 45-53 13 348-353 63 648-653 113 54-59 14 354-360 64 654-659 114 60-65 15 361-365 65 660-665 115 66-71 16 366-371 66 666-671 116 72-77 17 372-377 67 672-671 117 78-83 18 378-383 69 678-683 118 84-89 19 334-389 69 694-689 119 90-95 20 390-395 70 690-695 120 90-915 20 390-395 70 690-695 120 100-107 22 402-407 72 702-707 122 100-107 22 402-407 72 702-707 122 1102-107 22 402-407 72 702-707 122 1102-110 21 396-601 71 690-695 120 1104-119 24 414-419 74 714-719 124 1102-125 25 402-425 75 702-705 125 126-131 26 426-431 76 726-731 126 127-138-143 28 438-443 777 732-737 127 138-143 28 438-443 777 732-737 127 138-143 28 438-443 78 738-743 128 144-149 29 444-449 79 744-749 129 150-155 30 468-461 81 756-761 131 166-173 33 468-473 83 768-773 133 174-179 34 474-479 94 474-479 129 150-155 30 486-473 83 768-773 133 174-179 34 474-479 94 474-479 129 150-155 30 486-473 83 768-773 133 174-179 34 474-479 94 774-779 134 186-191 36 486-491 86 786-791 136 18-185 35 480-485 85 786-781 136 18-192-197 37 492-97 99 90 90 40-809 139 190-195 30 38 498-503 88 798-903 138 104-209 39 504-509 89 804-809 139 144 144 15 144 154 144 144 144 144 144 1	12-13	5	300-305	.55				
16-17 7 312-317 57 612-617 107 18-22 8 318-323 58 618-623 108 23-26 9 324-329 59 624-629 109 27-30 10 330-335 60 630-635 110 31-35 11 336-341 61 636-641 111 36-44 12 342-347 62 642-671 112 35-59 14 354-360 64 654-659 114 45-59 14 354-360 64 654-659 114 60-65 15 361-365 65 660-665 115 66-71 16 366-371 66 666-671 116 72-77 17 372-377 67 672-677 117 78-83 18 378-383 68 678-683 118 84-89 19 390-395 70 684-689 119 90-95 20	14-15	6 .	306~311					ALL ALL LITTLE MADE BY THE STOP
18-22 8 318-323 58 618-623 108 23-26 9 324-329 59 624-629 109 27-30 10 330-335 60 630-635 110 330-335 11 336-341 61 636-641 111 36-44 12 342-347 62 642-647 112 45-53 13 348-333 63 648-653 113 54-56 64 65-65 15 361-365 65 660-665 115 66-71 16 366-71 16 366-71 16 366-71 17 732-377 67 672-677 117 732-377 67 672-677 117 78-83 18 378-383 69 678-683 118 90-95 20 390-395 70 690-695 120 90-95 20 390-395 70 690-695 120 100-110 121 102-107 22 402-407 72 702-707 122 102-107 22 402-407 72 702-707 121 102-110 24 414-419 74 714-719 24 414-419 74 714-719 124 112-119 24 414-419 74 714-719 124 120-125 25 420-425 75 702-725 125 125 125-125 125-126-131 26 426-431 76 726-731 126 132-137 27 432-437 77 732-737 127 138-143 28 438-443 78 738-743 128 128 144-149 29 444-449 79 744-749 129 136-131 33 468-473 83 768-713 133 128 129-149-149 29 444-449 79 744-749 129 136-149 129 136-149 139 149 149 149 149 174 174-74 129 126-149 149 149 149 174 179 129 120-125 30 462-467 82 478-499 139 144-149 29 444-449 79 744-749 129 136-155 30 450-468 11 756-761 131 126 132-137 33 468-473 83 768-773 133 134 126 132-137 346-473 83 768-773 133 134 136-165 131 456-461 81 756-761 131 126 132-137 33 468-473 83 768-773 133 134 136-195 35 480-485 85 780-785 135 136-195 35 480-485 85 780-785 135 136-195 35 480-485 85 780-785 135 144-199 39 504-509 89 804-809 139 139 130 130 130 130 130 130 130 130 130 130	16-17		312-317	57				
23-26 9 324-329 59 624-629 109 27-30 10 330-335 60 630-635 110 31-35 11 336-341 61 636-641 111 36-44 12 342-347 62 642-647 112 45-53 13 348-353 63 648-653 113 54-59 14 354-360 64 654-659 114 60-65 15 361-365 65 660-665 115 66-71 16 366-371 66 666-671 116 72-77 17 372-377 67 67 672-677 117 78-83 18 378-383 68 678-683 118 84-89 19 384-389 69 684-689 119 90-95 20 390-395 70 690-695 120 96-101 21 396-401 71 696-701 121 102-107 22 402-407 72 702-707 122 108-113 23 408-413 73 708-713 123 114-119 24 414-419 74 714-719 124 120-125 25 420-425 75 720-725 125 132-137 27 432-437 77 732-373 127 138-143 28 438-433 78 78-743 128 14-149 29 444-449 79 74-749 129 150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 162-167 32 462-467 82 762-767 132 168-173 33 468-473 83 768-777 139-136 148 149 649 19 744 774-779 134 180-185 35 480-485 85 780-785 135 168-173 33 468-473 83 768-773 133 168-173 33 468-473 83 768-773 133 169-197 37 492-497 84 774-779 134 180-185 35 480-485 85 780-785 135 180-185 35 480-485 85 780-785 135 180-185 35 480-485 85 780-785 135 180-227 42 52-527 92 822-827 142 220-227 42 522-527 92 822-827 142 220-227 42 522-527 92 822-827 142 220-227 42 522-527 92 822-827 142 220-227 42 522-527 92 822-827 142 220-227 42 522-527 92 822-827 142 220-225 47 552-557 97 852-857 147	18-22	8	318-323	58				
27-30 10 330-335 60 630-635 110 1336-341 61 636-641 111 36-44 12 342-347 62 642-647 112 12 342-347 62 642-647 112 12 342-347 62 642-647 112 13 54-59 14 354-360 64 654-659 114 60-65 15 361-365 65 660-665 115 66-71 16 366-371 66 66-71 116 15 66-71 17 7 372-377 67 672-677 117 17 372-377 67 672-677 117 17 372-378 69 684-689 119 9 384-389 69 684-689 119 99 984-89 19 99 984-89 19 99 99 99 99 99 99 99 99 99 99 99 99	23-26	9	324-329					
31-35 11 336-341 61 636-641 111 36-44 12 342-347 62 642-647 112 45-53 13 348-353 63 648-653 113 54-59 14 354-360 64 654-659 114 60-65 15 361-365 65 660-665 115 66-71 16 366-371 66 666-671 116 72-77 17 372-377 67 672-677 117 78-83 18 378-383 68 678-683 118 84-89 19 384-389 69 684-689 119 90-95 20 390-995 70 690-685 120 96-101 21 396-401 71 696-701 121 102-107 22 402-407 72 702-707 122 108-113 23 408-413 73 708-713 123 114-119 24 414-419 74 714-719 124 120-125 25 420-425 75 720-725 125 126-131 26 426-431 76 726-731 126 132-137 27 432-437 77 722-737 127 138-143 28 438-443 78 738-743 128 144-149 29 444-449 79 744-749 129 150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 168-173 33 468-473 83 769-773 133 174-179 34 469-479 84 774-779 134 180-185 35 480-485 85 780-785 135 198-209 39 504-509 89 804-699 139 199-209 39 504-509 89 804-699 139 199-201 384-89 19 199-203 38 498-503 88 798-609 139 199-204 444-49 99 79 744-749 129 150-155 40 462-467 82 762-767 132 168-173 33 468-473 83 766-773 133 174-179 34 474-479 84 774-779 134 180-185 35 480-485 85 780-785 135 199-203 38 498-503 88 788-609 139 210-225 427 42 522-527 92 822-827 142 222-227 42 522-527 92 822-827 142 222-227 42 522-527 92 822-827 142 222-227 42 522-527 97 852-857 147 258-263 48 558-563 98 858-863 148	27-30	10 .	330-335	60				
36-44 12 342-347 62 642-647 112 45-53 13 349-353 63 648-653 113 54-59 14 354-360 64 654-659 114 60-65 15 361-365 65 660-665 115 66-71 16 366-371 66 66-71 116 72-77 17 372-377 67 67-672-677 117 77-77 77 77-372-377 67 67 672-677 117 78-83 18 378-383 68 678-683 118 84-89 19 384-389 69 694-689 119 90-95 20 3390-395 70 690-695 120 96-701 121 102-107 22 402-407 72 702-707 122 100-113 23 408-413 73 708-713 123 114-119 24 414-419 74 714-719 124 120-125 25 420-425 75 720-725 125 125 126-131 26 426-431 76 72-6731 126 132-137 27 432-437 77 732-737 127 138-143 28 438-443 78 738-743 128 144-149 29 444-449 79 744-749 129 131-141-19 129 144-149 29 444-449 79 744-749 129 144-749 129 150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 166-173 33 468-473 83 768-773 133 174-179 34 474-479 84 774-779 134 136-191 36 460-491 86 786-791 136 138 149 139 149-193 149-			336-341					
45-53 13 348-353 63 648-653 113 54-59 14 354-360 64 654-659 114 60-65 15 361-365 65 660-665 115 66-71 16 366-371 66 666-671 116 72-77 17 372-377 67 67 672-677 117 78-83 18 378-383 68 678-683 118 84-89 19 384-389 69 684-689 119 90-95 20 390-395 70 690-695 120 96-101 21 396-401 71 696-701 121 102-107 22 402-407 72 702-707 122 108-113 23 408-413 73 708-713 123 114-119 24 414-419 74 714-719 124 120-125 25 420-425 75 720-725 125 126-131 26 426-431 76 726-731 126 132-137 27 432-437 77 732-737 127 133-143 28 438-443 78 738-743 128 144-149 29 444-449 79 744-749 129 150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 162-167 32 462-467 82 762-767 132 168-173 33 468-473 83 768-773 133 174-179 34 474-479 84 774-779 134 180-185 35 480-485 85 780-785 135 186-191 36 486-491 86 786-781 146 180-185 35 480-485 85 780-785 135 180-195 36 480-455 90 80 804-809 139 192-227 42 22-27 42-277 77 792-797 134 198-203 38 498-503 88 798-803 138 196-211 41 516-521 91 816-821 144 122-227 42 525-27 92 822-827 142 222-233 43 528-533 93 828-833 143 234-239 44 534-539 94 834-839 144 240-245 45 540-545 95 80 80-865 148			342-347	62				
54-59 14 354-360 64 654-659 114 660-65 15 361-365 65 65 660-665 115 66-71 16 366-371 66 65 660-665 115 66-71 116 366-371 66 66-671 116 72-77 17 372-377 67 672-677 117 7372-377 67 672-677 117 7372-377 67 672-677 117 7372-377 67 672-677 117 7372-373 68 68 678-683 118 378-383 68 678-683 118 118 118 118 118 118 118 118 118 1		13	348-353	63				
60-65 15 361-365 65 660-665 115 66-71 16 366-71 16 366-71 16 366-71 16 66-71 116 72-77 17 372-377 67 67 672-677 117 78-83 18 378-383 68 678-683 118 84-89 19 384-389 69 69 684-689 119 90-95 20 390-395 70 690-695 120 96-101 21 396-401 71 696-701 121 102-107 22 402-407 72 702-707 122 108-113 23 408-413 73 708-713 123 114-119 24 414-419 74 714-719 124 120-125 25 420-425 75 720-725 125 125 125 126-131 26 426-431 76 726-731 126 132-137 27 432-437 77 732-737 127 138-143 28 438-443 78 738-743 128 144-149 29 444-449 79 744-749 129 150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 162-167 32 462-467 82 762-767 132 168-173 33 468-473 83 768-773 133 133 174-179 34 474-479 84 774-779 134 180-185 35 480-485 85 780-785 135 136-191 36 486-491 86 786-791 136 138 129-203 38 498-503 88 798-803 138 128-833 443 128-222-27 42 252-527 92 822-827 142 228-233 43 528-553 98 858-863 148			354-360	64				
66-71 16 36-371 66 66-671 116 72-77 17 372-377 67 67 672-677 117 78-83 18 378-383 68 678-683 118 94-89 19 384-389 69 684-689 119 90-95 20 390-395 70 690-695 120 96-101 21 396-401 71 696-701 121 102-107 22 402-407 72 702-707 122 108-113 23 408-413 73 708-713 123 114-119 24 414-419 74 714-719 124 120-125 25 420-425 75 720-725 125 125 126-131 26 426-431 76 720-731 126 132-137 27 432-437 77 732-373 127 138-143 28 438-443 78 738-743 128 144-149 29 444-449 79 744-749 129 150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 162-167 32 462-467 82 762-767 132 168-173 33 468-473 83 768-773 133 174-779 34 474-79 84 774-779 134 180-185 35 480-485 85 780-785 135 136 192-197 37 492-97 87 792-97 137 192-197 37 492-97 87 792-97 137 136 192-197 37 492-97 87 792-97 137 136 192-197 37 492-97 87 792-97 137 136 192-197 37 492-97 87 792-97 137 136 192-197 37 492-97 87 792-97 137 139 120-203 38 498-503 88 798-803 138 128-193 144 144 151 156-521 91 816-821 141 222-227 42 522-227 42 522-227 92 822-827 142 222-233 43 528-533 94 834-839 144 222-227 47 552-557 97 852-857 147 258-263 48 558-563 98 888-863 148	60-65	15	361-365	65				4.5
72-77 78-83 18 378-383 68 678-683 118 84-89 19 384-389 69 684-689 119 90-95 20 390-395 70 690-695 120 96-101 21 396-401 71 1696-701 121 102-107 22 402-407 72 702-707 122 114-119 24 414-419 74 714-719 124 120-125 25 420-425 75 720-725 125 132-137 27 432-437 77 732-737 127 138-143 28 438-443 78 738-743 128 144-149 29 444-449 79 744-749 129 150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 162-167 32 462-467 82 762-77 132 168-173 33 468-473 83 768-773 133 168-173 134 180-185 35 480-485 85 80 788-833 138 138 138-143 188 189-203 38 498-503 88 798-803 138 128 128-124 120-125 125 126-121 126 127 136-126 136 136 131 140-185 136 131 140-185 136 136 131 140-185 136 136 138 138 138 139 144 149 149 149 149 149 149 149 149 14	66-71	16	366-371	66	_			
78-83 18 378-383 68 678-683 118 84-89 19 384-389 69 684-689 119 90-95 20 390-395 70 690-695 120 96-101 21 396-401 71 696-701 121 102-107 22 402-407 72 702-707 122 108-113 23 408-413 73 708-713 123 114-119 24 414-419 74 714-719 124 120-125 25 420-425 75 720-725 125 126-131 26 426-431 76 726-731 126 132-137 27 432-437 77 732-737 127 318-743 128 144-149 29 444-449 79 744-749 129 128 150-155 30 450-455 80 750-755 130 156-761 131 168-173 33 468-473 83 762-767 132 168-173 133 174-179 134			372-377	67				
84-89 19 384-389 69 684-689 119 90-95 20 390-395 70 690-695 120 96-101 21 396-401 71 696-701 121 102-107 22 402-407 72 702-707 122 108-113 23 408-413 73 708-713 123 114-119 24 414-419 74 714-719 124 120-125 25 420-425 75 720-725 125 126-131 26 426-431 76 726-731 126 132-137 27 432-437 77 732-737 127 138-143 28 438-443 78 738-743 128 144-149 29 444-449 79 744-749 129 150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 162-167 32 462-467 82 762-767 132 168-173 33 468-473 83 768-773 133 174-179 34 474-479 84 774-779 134 180-185 35 480-485 85 780-785 135 180-185 35 480-485 85 780-785 135 180-191 36 486-491 86 786-791 136 192-197 37 492-497 87 792-797 137 198-203 38 498-503 88 798-803 138 204-209 39 504-509 89 804-809 139 210-225 46 546-551 96 846-851 146 222-227 42 522-527 92 822-827 142 222-227 42 522-527 92 822-827 142 224-233 48 558-563 98 858-863 148			378-383	68				
90-95 20 390-395 70 690-695 120 96-101 21 396-401 71 696-701 121 102-107 22 402-407 72 702-707 122 108-113 23 408-413 73 708-713 123 114-119 24 414-419 74 714-719 124 120-125 25 420-425 75 720-725 125 126-131 26 426-431 76 726-731 126 132-137 27 432-437 77 732-737 127 138-143 28 438-443 78 738-743 128 144-149 29 444-449 79 744-749 129 150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 162-167 32 462-467 82 762-767 132 168-173 33 468-473 83 768-773 133 174-179 34 474-479 84 774-779 134 180-185 35 480-485 85 780-785 135 136 192-197 37 492-497 87 792-797 137 198-203 38 498-503 88 798-803 138 138 149-209 39 504-509 89 804-809 139 120-215 40 510-515 90 810-815 140 122-222-27 42 522-527 92 822-827 142 222-223 44 534-539 94 834-839 144 240-245 45 540-545 95 865-863 148			384-389	69				7.17
96-101 21 396-401 71 696-701 121 102-107 22 402-407 72 702-707 122 108-113 23 408-413 73 708-713 123 114-119 24 414-419 74 714-719 124 120-125 25 420-425 75 720-725 125 125 126-131 26 426-431 76 726-731 126 132-137 27 432-437 77 732-737 127 138-143 28 438-443 78 738-743 128 144-149 29 444-449 79 744-749 129 150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 162-167 32 462-467 82 762-767 132 168-173 33 468-473 83 768-773 133 174-179 34 474-479 84 774-779 134 180-185 35 480-485 85 780-785 135 186-191 36 486-491 86 786-791 136 192-197 37 492-497 87 792-797 137 198-203 38 498-503 88 798-803 138 204-209 39 504-509 89 804-809 139 210-215 40 510-515 90 810-815 140 222-227 42 522-527 92 822-827 142 222-227 42 522-527 92 822-827 142 222-227 42 522-527 92 822-827 142 222-227 44 554-555 96 846-851 146 246-251 46 558-563 98 858-863 148			390-395	70		690-695		7-142
108-113 23 408-413 73 708-713 123 114-119 24 414-419 74 714-719 124 120-125 25 420-425 75 720-725 125 126-131 26 426-431 76 726-731 126 132-137 27 432-437 77 732-737 127 138-143 28 438-443 78 738-743 128 144-149 29 444-449 79 744-749 129 150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 162-167 32 462-467 82 762-767 132 168-173 33 468-473 83 768-773 133 174-179 34 474-479 84 774-779 134 186-191 36 480-485 85 780-785 135 192-197 37 492-497 87 792-797 137 198-203 38 498-503 88 798-803 138 204-209 39 504-509 89 804-809 139 <			396-401	71		696-701		
114-119 24 414-419 74 714-719 124 120-125 25 420-425 75 720-725 125 126-131 26 426-431 76 726-731 126 132-137 27 432-437 77 732-737 127 138-143 28 438-443 78 738-743 128 144-149 29 444-449 79 744-749 129 150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 168-173 33 468-473 83 768-773 132 168-173 33 468-473 83 768-773 133 174-179 34 474-479 84 774-779 134 180-185 35 480-485 85 780-785 135 186-191 36 486-491 86 786-791 136 192-197 37 492-497 87 792-797 137 198-203 38 498-503 88 798-803 138 204-209 39 504-5809 89 804-809 139						702-707	122	
120-125 25 420-425 75 720-725 125 126-131 26 426-431 76 726-731 126 132-137 27 432-437 77 732-737 127 138-143 28 438-443 78 738-743 128 144-149 29 444-449 79 744-749 129 150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 162-167 32 462-467 82 762-767 132 168-173 33 468-473 83 768-773 133 174-179 34 474-479 84 774-779 134 180-185 35 480-485 85 780-785 135 186-191 36 486-491 86 786-791 137 198-203 38 498-503 88 798-803 138 204-209 39 504-509 89 804-809 139 210-215 40 510-515 90 810-815 140 210-227 42 522-527 92 822-827 142 <						708-713	123	
126-131 26 426-431 76 726-731 126 132-137 27 432-437 77 732-737 127 138-143 28 438-443 78 738-743 128 144-149 29 444-449 79 744-749 129 150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 162-167 32 462-467 82 762-767 132 168-173 33 468-473 83 768-773 133 174-179 34 474-479 84 774-779 134 180-185 35 480-485 85 780-785 135 186-191 36 486-491 86 786-791 136 192-197 37 492-497 87 792-797 137 198-203 38 498-503 88 798-803 138 204-209 39 504-509 89 804-809 139 210-215 40 510-515 90 810-815 140 216-221 41 516-521 91 816-821 141 <						714-719	124	
132-137 27 432-437 77 732-737 127 138-143 28 438-443 78 738-743 128 144-149 29 444-449 79 744-749 129 150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 168-173 33 468-473 83 768-773 133 174-179 34 474-479 84 774-779 134 180-185 35 480-485 85 780-785 135 186-191 36 486-491 86 786-791 136 192-197 37 492-497 87 792-797 137 198-203 38 498-503 88 798-803 138 204-209 39 504-509 89 804-809 139 210-215 40 510-515 90 810-815 140 216-221 41 516-521 91 816-821 141 222-227 42 522-527 92 822-827 142 228-233 43 528-533 93 828-833 143 <						720-725	125	
138-143 28 438-443 78 738-743 128 144-149 29 444-449 79 744-749 129 150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 162-167 32 462-467 82 762-767 132 168-173 33 468-473 83 768-773 133 174-179 34 474-479 84 774-779 134 180-185 35 480-485 85 780-785 135 186-191 36 486-491 86 786-791 136 192-197 37 492-497 87 792-797 137 198-203 38 498-503 88 798-803 138 204-209 39 504-509 89 804-809 139 210-215 40 510-515 90 810-815 140 216-221 41 516-521 91 816-821 141 222-227 42 522-527 92 822-827 142 228-233 43 528-533 93 828-833 143 <							126	
144-149 29 444-449 79 744-749 129 150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 162-167 32 462-467 82 762-767 132 168-173 33 468-473 83 768-773 133 174-179 34 474-479 84 774-779 134 180-185 35 480-485 85 780-785 135 186-191 36 486-491 86 786-791 136 192-197 37 492-497 87 792-797 137 198-203 38 498-503 88 798-803 138 204-209 39 504-509 89 804-809 139 210-215 40 510-515 90 810-815 140 216-221 41 516-521 91 816-821 141 222-227 42 522-527 92 822-827 142 228-233 43 528-533 93 828-833 143 234-239 44 534-551 96 846-851 146 <								
150-155 30 450-455 80 750-755 130 156-161 31 456-461 81 756-761 131 162-167 32 462-467 82 762-767 132 168-173 33 468-473 83 768-773 133 174-179 34 474-479 84 774-779 134 180-185 35 480-485 85 780-785 135 186-191 36 486-491 86 786-791 136 192-197 37 492-497 87 792-797 137 198-203 38 498-503 88 798-803 138 204-209 39 504-509 89 804-809 139 210-215 40 510-515 90 810-815 140 216-221 41 516-521 91 816-821 141 222-227 42 522-557 92 822-827 142 228-233<								
156-161 31 456-461 81 756-761 131 162-167 32 462-467 82 762-767 132 168-173 33 468-473 83 768-773 133 174-179 34 474-479 84 774-779 134 180-185 35 480-485 85 780-785 135 186-191 36 486-491 86 786-791 136 192-197 37 492-497 87 792-797 137 198-203 38 498-503 88 798-803 138 204-209 39 504-509 89 804-809 139 210-215 40 510-515 90 810-815 140 216-221 41 516-521 91 816-821 141 222-227 42 522-527 92 822-827 142 228-233 43 528-533 93 828-833 143 234-239 44 534-539 94 834-839 144 246-251 46 546-551 96 846-851 146 252-257 47 552-557 97 852-857 147 <								
162-167 32 462-467 82 762-767 132 168-173 33 468-473 83 768-773 133 174-179 34 474-479 84 774-779 134 180-185 35 480-485 85 780-785 135 186-191 36 486-491 86 786-791 136 192-197 37 492-497 87 792-797 137 198-203 38 498-503 88 798-803 138 204-209 39 504-509 89 804-809 139 210-215 40 510-515 90 810-815 140 216-221 41 516-521 91 816-821 141 222-227 42 522-527 92 822-827 142 228-233 43 528-533 93 828-833 143 234-239 44 534-539 94 834-839 144 246-251<								
168-173 33 468-473 83 768-773 133 174-179 34 474-479 84 774-779 134 180-185 35 480-485 85 780-785 135 186-191 36 486-491 86 786-791 136 192-197 37 492-497 87 792-797 137 198-203 38 498-503 88 798-803 138 204-209 39 504-509 89 804-809 139 210-215 40 510-515 90 810-815 140 216-221 41 516-521 91 816-821 141 222-227 42 522-527 92 822-827 142 228-233 43 528-533 93 828-833 143 234-239 44 534-539 94 834-839 144 246-251 46 546-551 95 840-845 145 246-251 46 546-551 96 846-851 146 252-257 47 552-557 97 852-857 147 258-263 48 558-563 98 858-863 148								
174-179 34 474-479 84 774-779 134 180-185 35 480-485 85 780-785 135 186-191 36 486-491 86 786-791 136 192-197 37 492-497 87 792-797 137 198-203 38 498-503 88 798-803 138 204-209 39 504-509 89 804-809 139 210-215 40 510-515 90 810-815 140 216-221 41 516-521 91 816-821 141 222-227 42 522-527 92 822-827 142 228-233 43 528-533 93 828-833 143 234-239 44 534-539 94 834-839 144 246-251 46 546-551 95 840-845 145 246-251 46 546-551 96 846-851 146 252-257 47 552-557 97 852-857 147 258-263 48 558-563 98 858-863 148								
180-185 35 480-485 85 780-785 135 186-191 36 486-491 86 786-791 136 192-197 37 492-497 87 792-797 137 198-203 38 498-503 88 798-803 138 204-209 39 504-509 89 804-809 139 210-215 40 510-515 90 810-815 140 216-221 41 516-521 91 816-821 141 222-227 42 522-527 92 822-827 142 228-233 43 528-533 93 828-833 143 234-239 44 534-539 94 834-839 144 240-245 45 540-545 95 840-845 145 246-251 46 546-551 96 846-851 146 252-257 47 552-557 97 852-857 147 258-263 48 558-563 98 858-863 148								
186-191 36 486-491 86 786-791 136 192-197 37 492-497 87 792-797 137 198-203 38 498-503 88 798-803 138 204-209 39 504-509 89 804-809 139 210-215 40 510-515 90 810-815 140 216-221 41 516-521 91 816-821 141 222-227 42 522-527 92 822-827 142 228-233 43 528-533 93 828-833 143 234-239 44 534-539 94 834-839 144 246-251 46 546-551 95 840-845 145 246-251 46 546-551 96 846-851 146 252-257 47 552-557 97 852-857 147 258-263 48 558-563 98 858-863 148								
192-197 37 492-497 87 792-797 137 198-203 38 498-503 88 798-803 138 204-209 39 504-509 89 804-809 139 210-215 40 510-515 90 810-815 140 216-221 41 516-521 91 816-821 141 222-227 42 522-527 92 822-827 142 228-233 43 528-533 93 828-833 143 234-239 44 534-539 94 834-839 144 246-251 46 546-551 95 840-845 145 246-251 46 546-551 96 846-851 146 252-257 47 552-557 97 852-857 147 258-263 48 558-563 98 858-863 148								
198-203 38 498-503 88 798-803 138 204-209 39 504-509 89 804-809 139 210-215 40 510-515 90 810-815 140 216-221 41 516-521 91 816-821 141 222-227 42 522-527 92 822-827 142 228-233 43 528-533 93 828-833 143 234-239 44 534-539 94 834-839 144 240-245 45 540-545 95 840-845 145 246-251 46 546-551 96 846-851 146 252-257 47 552-557 97 852-857 147 258-263 48 558-563 98 858-863 148								
204-209 39 504-509 89 804-809 139 210-215 40 510-515 90 810-815 140 216-221 41 516-521 91 816-821 141 222-227 42 522-527 92 822-827 142 228-233 43 528-533 93 828-833 143 234-239 44 534-539 94 834-839 144 240-245 45 540-545 95 840-845 145 246-251 46 546-551 96 846-851 146 252-257 47 552-557 97 852-857 147 258-263 48 558-563 98 855-863 148								
210-215 40 510-515 90 810-815 140 216-221 41 516-521 91 816-821 141 222-227 42 522-527 92 822-827 142 228-233 43 528-533 93 828-833 143 234-239 44 534-539 94 834-839 144 240-245 45 540-545 95 840-845 145 246-251 46 546-551 96 846-851 146 252-257 47 552-557 97 852-857 147 258-263 48 558-563 98 858-863 148					-			to a contract the second
216-221 41 516-521 91 816-821 141 222-227 42 522-527 92 822-827 142 228-233 43 528-533 93 828-833 143 234-239 44 534-539 94 834-839 144 240-245 45 540-545 95 840-845 145 246-251 46 546-551 96 846-851 146 252-257 47 552-557 97 852-857 147 258-263 48 558-563 98 858-863 148								···
222-227 42 522-527 92 822-827 142 228-233 43 528-533 93 828-833 143 234-239 44 534-539 94 834-839 144 240-245 45 540-545 95 840-845 145 246-251 46 546-551 96 846-851 146 252-257 47 552-557 97 852-857 147 258-263 48 558-563 98 858-863 148								
228-233 43 528-533 93 828-833 143 234-239 44 534-539 94 834-839 144 240-245 45 540-545 95 840-845 145 246-251 46 546-551 96 846-851 146 252-257 47 552-557 97 852-857 147 258-263 48 558-563 98 858-863 148								
234-239 44 534-539 94 834-839 144 240-245 45 540-545 95 840-845 145 246-251 46 546-551 96 846-851 146 252-257 47 552-557 97 852-857 147 258-263 48 558-563 98 858-863 148								
240-245 45 540-545 95 840-845 145 246-251 46 546-551 96 846-851 146 252-257 47 552-557 97 852-857 147 258-263 48 558-563 98 858-863 148								
246-251 46 546-551 96 846-851 146 252-257 47 552-557 97 852-857 147 258-263 48 558-563 98 858-863 148								
252-257 47 552-557 97 852-857 147 258-263 48 558-563 98 858-863 148								
258-263 48 558-563 98 858-863 148								-
030 000 140								
264-269 49 564-569 99	264-269	49				020_002	148	

ISSUED: EFFECTIVE:

3.1 Timing of Calls (Cont'd)

3.1.4 (Cont'd)

Usage		
Increment	Applicable	
(Seconds)	ECU(s)	
864-869	149	
		· · · · · · · · · · · · · · · · · · ·
870-875	150	
876-881	151	
882-887	152	
888-893	153	
894-899	154	
900-905	155	
906-911	156	and the state of t
912-917	157	
918-923	158	
924-929		
	159	
930-935	160	
936-941	161	· VICTOR AND
942-947	162	
948-953	163	
954-959	164	
960-965	165	
966-971	166	
972-977		
	167	11
978-983	168	
984-989	169	
990-995	170	
996-1001	171	
1002-1007	172	
1008-1013	173	
1014-1019	174	•
1020-1025	175	The second secon
1026-1031	176	g and a second s
1032-1031		· · · · · · · · · · · · · · · · · · ·
	177	
1038-1043	178	
1044-1049	179	
1050-1055	180	
1056-1061	181	
1062-1067	182	
1068-1073	183	The state of the s
1074-1079	184	. V
1080-1085	185	
1086-1091	186	
1092-1097	187	
1098-1103	188	
1104-1109	189	
1110-1115	190	
1116-1121	191	
1122-1127	192	
1128-1133	193	
1134-1139	194	
1140-1145	195	
1146-1151	196	
1152-1157	197	
1158-1163	198	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1164-1169	199	
1170-1175	200	
1176-1181	201	
1182-1187	202	
1188-1193	203	· · · · · · · · · · · · · · · · · · ·
1194-1199	204	
	204	
1200+ 205		A CONTRACTOR OF THE CONTRACTOR

ISSUED: EFFECTIVE:

Issued By: Tariff Administrator
4380 Boulder Highway

Las Vegas, Nevada 89121

3.2 Telecompetitive Service Offerings ("TSOs")

From time to time, Carrier shall tariff rates or select tariffed rates, the purpose of and/or design for which is to retain Carrier's competitive position by offering rates which are necessitated by competing offers received by or available to existing or potential customers, which if not matched or bettered would result in the loss of an existing or potential customer and/or in the reduction of traffic volume of the customer. Carrier either shall require customer confirmation of the competitive offer in writing or shall confirm the availability of a more favorable competitive rate from published tariffs, marketing materials, or other public sources to establish a customer's right to obtain a TSO.

- 3.2.1 TSOs will comply with carrier's net revenue test which is founded on established economic principles ensuring above-cost pricing.
- 3.2.2 A customer or potential customer which is similarly situated may request service under a new or previously tariffed TSO. To qualify as a similarly situated customer for purposes of this Section, the customer seeking the TSO must demonstrate the existence of circumstances substantially and materially like those which justified the TSO as tariffed.
- 3.2.3 An existing customer or potential customer unable to demonstrate being similarly situated under a tariffed TSO may, nonetheless, be able to qualify for a different or new TSO tailored to that customer's circumstances.
- 3.2.4 TSOs are available for all rates published in this Tariff.
- 3.2.5 Whenever a customer's competitive offer entails a rate which is not at the time offered by the Company, a specifically responsive competitive rate (RCR) matching that otherwise available from the competitive offering shall be tariffed in Section 4, following.

ISSUED:

EFFECTIVE:

Issued By:

3.3 Benchmark Rates

Certain rates set forth in Section 4 of this tariff are "benchmarked," that is, keyed to a customer's monthly revenue volume and/or term commitments. Customers whose monthly revenue volume and/or term commitments do not meet the applicable benchmark(s) may obtain the benchmarked rate pursuant to Section 3.2 preceding.

ISSUED:

Effective:

Issued By:

3.4 Welcome Plan Rate Cap Program - Graduated Rate Categories

Carrier offers services under this tariff based on the Rate Plans and categories as specified following. Rates are graduated as shown in Table 1 following, higher to lower, that is, Rate Category I for the Super U Rate Plan contains Carrier's lowest offered rates and Rate Category VII for the Classic Q Rate Plan contains Carrier's top rates.

Table 1

Rate Plan	Rate Category
Classic Q	VII
Classic 2	VI
Classic 1	V
Classic U/Universal	IV
Prime 2	III
Prime 1	II
Super U	I

3.4.1 Any customer in service on or after whose rates have not changed during the three service periods prior to shall have its rates adjusted to the next higher applicable Rate Category.

ISSUED:		
LOOUED:		EFFECTIVE:
		DLLDCIIAT:

Issued By:

SECTION 4 - RATES

4.1 General

Each customer is charged individually for each call placed through the Company. Rates may vary by mileage band, time of day, day of week, call duration, type of originating access and product type, as specified in this tariff.

4.2 Time of Day Rate Periods

The appropriate rates apply for Business Day and Non-Business Day calls based on the following chart.

Times	Mon	Tues	Wed	Thur	Fri	Sat	Sun
9:00 am to 4:00 pm	9:00 am to 4:00 pm Business Day						
4:01 pm to 8:59 am Non-Business Day							

ISSUED:

EFFECTIVE:

Issued By:

The following Classic, Prime, and Super Rate Plans are offered. The provisions of Section 3.4 of this tariff apply.

4.3 Classic Q Rate Plan

The following rate is available to all customers qualifying for application of the rate cap under the Company's "Welcome Customer Rate Cap Program" under Company's Tariff F.C.C. No. 4, section 4.19, effective April 2, 1998, and to those customers whose minimum monthly intrastate usage is over \$20.00 at the following rates:

Minimum Call Unit or Fraction

Incremental Call Unit or Fraction

\$0.0137

\$0.0411

4.4 Classic 2 Rate Plan

Classic 2 rates are provided to Customers whose minimum monthly intrastate usage is over \$30.00 at the following rates:

Minimum Call Unit or Fraction

Incremental Call Unit

or Fraction

\$0.0387

\$0.0129

4.5 Classic 1 Rate Plan

Classic 1 rates are provided to customers whose minimum monthly intrastate usage is over \$40.00 at the following rates:

Minimum Call Unit or Fraction

Incremental Call Unit

or Fraction

\$0.0357

\$0.0119

ISSUED:

EFFECTIVE:

Issued By:

4.6 Classic U/Universal Rate Plan

Classic U/Universal rates are provided to customers whose minimum monthly intrastate usage is over \$50.00 at the following rates:

Minimum Call Unit

Incremental Call Unit

or Fraction

or Fraction

\$0.0327

\$0.0109

4.7 Prime 2 Rate Plan

Prime 2 rates are provided to customers whose minimum monthly intrastate usage is over \$60.00 at the following rates:

Minimum Call Unit or Fraction

Incremental Call Unit

or Fraction

\$0.0297

\$0.0099

4.8 Prime 1 Rate Plan

Prime 1 rates are provided to customers whose minimum monthly intrastate usage is over \$70.00 at the following rates:

Minimum Call Unit

Incremental Call Unit

or Fraction

or Fraction

\$0.0267

\$0.0089

ISSUED:

EFFECTIVE:

Issued By:

4.9 Super U Rate Plan

Super U rates are not available to customers electing to receive service under the NOS Freedom Plan for Business Users. Super U rates are provided to customers whose minimum monthly intrastate usage is over \$80.00 at the following rates:

Minimum Call Unit or Fraction

Incremental Call Unit

or Fraction

\$0.0237

\$0.0079

ISSUED:

EFFECTIVE:

Issued By:

4.10 Rates for Calling Cards

Rates for calling card calls which are not associated with other services are time of day sensitive.

	Minimum Call Unit or Fraction	Incremental Call Unit or Fraction
Business Day	\$0.0513	\$0.0171
Non-Business Day	\$0.0459	\$0.0153

4.11 Calling Card "Bong" Charge

A \$0.50 per call charge applies to each call initiated using calling card access.

4.12 Directory Assistance Rate per call: \$0.95

4.13 Miscellaneous Charges

A surcharge applies to all remote access calls, including 800/888/877 and calling card calls that are accessed by dialing 800/888/877, originated from payphones.

Per Call

\$0.35

ISSUED:

EFFECTIVE:

Issued By: Tariff Administrator 4380 Boulder Highway

Las Vegas, Nevada 89121

SECTION 5 - PROMOTIONAL OFFERINGS

5.1 NOS Freedom Plan for Business Users

Any business Customer meeting the eligibility requirements set forth following is eligible for the NOS Freedom Plan for Business Users. The NOS Freedom Plan for Business Users applies only to calls that originate and terminate within Ohio during Business Day hours. The following services are eligible for the NOS Freedom Plan for Business Users: 1+ Outbound, Toll Free Access (800/888/877), Internet Access, and Calling Card.

- Under the NOS Freedom Plan for Business Users, the Company will waive the ECU rate component for the first and second periods of service within the regular billing cycle for each Customer eligible for and selecting the NOS Freedom Plan for Business Users. Company's standard tariff rates apply at the expiration of this introductory period.
- 5.1.2 To be eligible for the NOS Freedom Plan for Business Users, Customer must not have had its account with any carrier canceled for nonpayment of charges, must not have a history of late payment of charges at any time during the 12 month period preceding customer's service commencement date with Company, and must have originated and terminated usage within the state of Ohio within the 30 day period preceding customer's service commencement date with Company.

ISSUED:

EFFECTIVE:

Issued By:

EXHIBIT B

NOS Communications, Inc.

Statement to the Ohio Department of Taxation

NOS Communications, Inc. has notified the Ohio Department of Taxation of its intent to conduct operations as a telephone utility in the State of Ohio (See attached letter).

HELEIN & ASSOCIATES, P. C.

ATTORNEYS AT LAW

8180 GREENSBORO DRIVE SUITE 700 MCLEAN, VA 22102

(703) 714-1300 (TELEPHONE) (703) 714-1330 (FACSIMILE) mail@helein.com (EMAIL)

WRITER'S DIRECT DIAL NUMBER:

WRITER'S DIRECT EMAIL ADDRESS:

jmarashlian@helein.com

(703) 714-1313

December 1, 1998

VIA OVERNIGHT DELIVERY

Ohio Department of Taxation 30 East Broadway Columbus, Ohio 43266-0420

> RE: Registration of NOS Communications, Inc.

Dear Sir/Madam:

By this letter, NOS Communications, Inc. notifies the Ohio Department of Taxation of its intent to conduct intrastate telecommunications operations in the State of Ohio. The company may be contacted at the following address:

> Marlo Oliver General Counsel NOS Communications, Inc. 4380 Boulder Highway Las Vegas, NV 89121

If you have any questions, please contact the undersigned at the above telephone number.

Very truly yours,

Jonathan S. Marashlian

EXHIBIT C

NOS Communications, Inc.

Officers and Directors

The officers and directors of NOS Communications, Inc. are as follows:

Michael Arnau CEO
Joseph Koppy President
Robert Lichtenstein Secretary
Ken Kirkpatrick Treasurer

Robert Lichtenstein Director
Rosette Delug Director

The above directors and officers may be reached at the company's headquarters located at 4380 Boulder Highway, Las Vegas, NV 89121.

EXHIBIT D

NOS Communications, Inc.

Description of Proposed Services and Targeted Markets

NOS Communications, Inc. seeks authority to operate as a reseller of intraLATA and interLATA intrastate telecommunications services to the public throughout the State of Ohio. Initially, NOS proposes to offer switched and dedicated outbound message telecommunications services ("MTS"), postpaid calling card services, and directory assistance. NOS, however, seeks authority to provide a full array of telecommunications services, including prepaid calling card and toll free services. Accordingly, NOS requests general authority to provide resold interexchange telecommunications services on a statewide basis.

EXHIBIT E

NOS Communications, Inc.

List of Affected Counties

NOS Communications, Inc. will provide service on a statewide basis. Accordingly, all of the counties in the State of Ohio will be affected by this application.

EXHIBIT F

NOS Communications, Inc.

Authority to do Business as a Foreign Corporation and Certificate of Good Standing from the Ohio Secretary of State

UNITED STATES OF AMERICA, STATE OF OHIO, OFFICE OF THE SECRETARY OF STATE.

I, Bob Taft, do hereby certify that I am the duly elected, qualified and present acting Secretary of State for the State of Ohio, and as such have custody of the records of Ohio and Foreign corporations; that said records show NOS COMMUNICATIONS, INC., a Maryland corporation qualified to do business within the State of Ohio on July 31st, 1998 under License No. 1021442 is currently in GOOD STANDING upon the records of this office.



WITNESS my hand and official
seal at Columbus, Ohio on
August 22, 1998

Bob Taft

Bob Taft Secretary of State