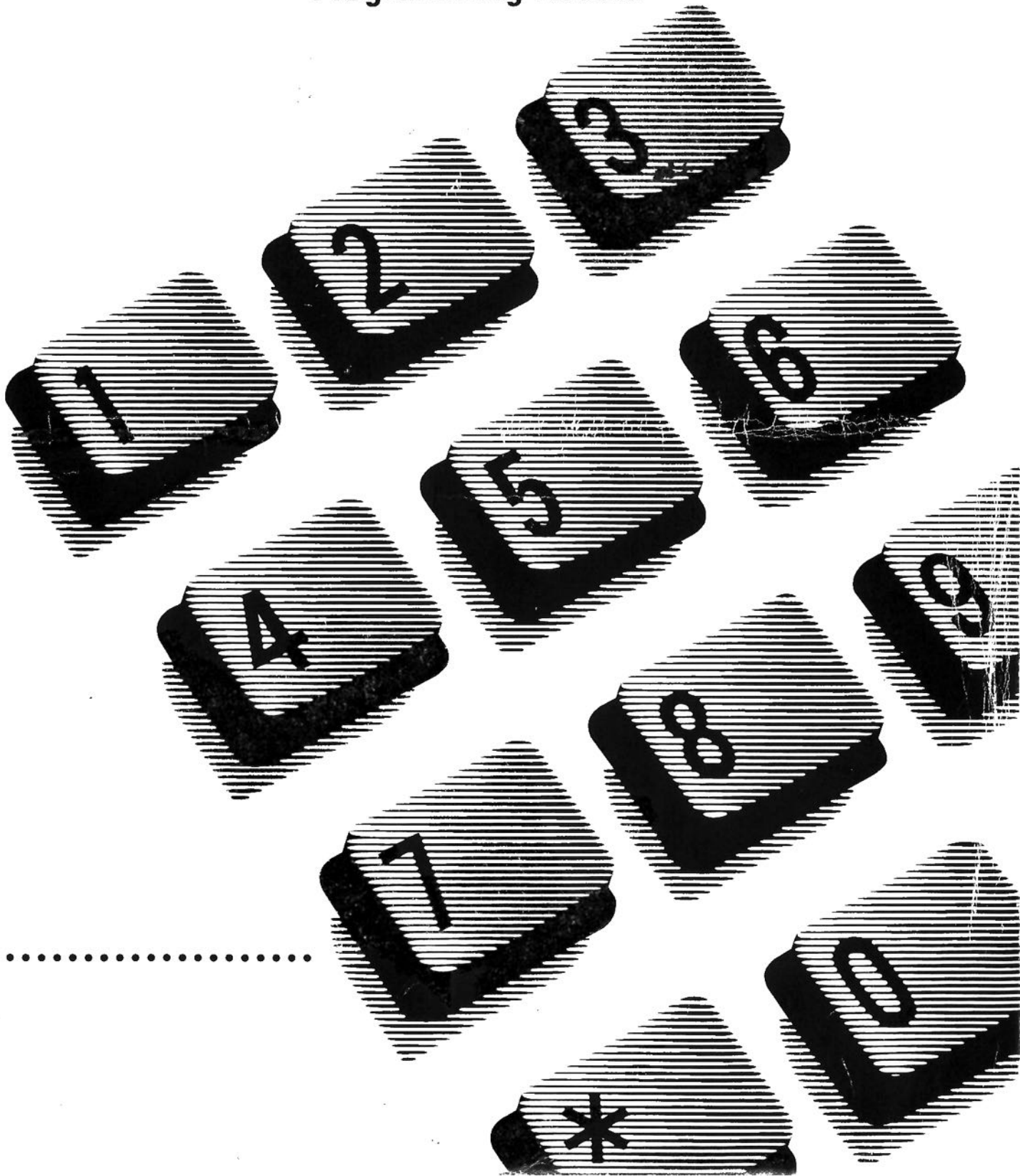


norstar

**Modular DR5
Programming Record**



Norstar Modular Programming Record

Customer/Company:	Sales Representative:
Address:	Telephone:
	Issue date:
Telephone:	
Billing number:	Installer:
System Coordinator:	Installation date:
Notes:	

Installed equipment

Modular Key Service Unit		Telephones	
	Key Service Unit (KSU)		M7100
	Expansion Cartridge, 2-port		M7208
	Expansion Cartridge, 6-port		M7310
	Trunk Cartridge, Loop Start		M7310 with Busy Lamp Field (BLF)
	Trunk Cartridge, E&M/DISA		M7324
	Trunk Cartridge, DID		M7324 with 1 Central Answering Position (CAP)
	Trunk Cartridge, CI		M7324 with 2 Central Answering Positions (CAP)
	Trunk Module		Single-line telephone
	Station Module		Emergency telephone
	Call Identification Interface		
	Power bar(s)		
Data Terminals		Auxiliary equipment	
	Analog Terminal Adapter (ATA)		External Paging Equipment
			External Music source
			Station Auxiliary Power Supply
			Auxiliary Ringer
			Headset
			Shoulder rest
			Radio Frequency (RF) Filter Kit

Notes about this Programming Record

All defaults in the Programming Record, shown in **bold** text, are defaults for the Square template.
 Before using the sheets provided, FIRST photocopy the sheets for which multiple pages are required.
 This record contains enough sheets for 4 lines and 4 telephones.

System-wide programming

System Startup - Installer only (Password: Feature * * S T A R T U P or * * 7 8 2 7 8 8 7)

Template	Square	Centrex	Hybrid	PBX							
Call handling (Configuration: 3. Call Handling)											
Held line reminder	Y	N									
Remind delay (s)	30	60	90	120	150	180					
DRT to prime	Y	N									
DRT delay (rings)	1	2	3	4	6	10					
Transfer callback (rings)	3	4	5	6	12						
Park Prefix	0	1	2	3	4	5	6	7	8	9	None
Park timeout (s)	30	45	60	90	120	150	180	300	600		
Camp timeout (s)	30	45	60	90	120	150	180				
Directed pickup	Y	N									
On hold	Tones	Music	Silence								

Miscellaneous (Configuration: 4. Miscellaneous)

Background music	Y	N													
Direct dial #	0	1	2	3	4	5	6	7	8	9	None				
DISA DN (max. 7 digits)	None	<input type="text"/>													
Auto DN (max. 7 digits)	None	<input type="text"/>													
Alarm set (max. 7 digits)	221	<input type="text"/>													
CAP assignment (max. 7 digits)	None	CAP 1 <input type="text"/>			CAP 2 <input type="text"/>			CAP 3 <input type="text"/>			CAP 4 <input type="text"/>		CAP 5 <input type="text"/>		
Link time (ms)	100	200	300	400	500	600	700	800	900	1000					
Set relocation	Y	N													
Host delay (ms)	200	400	600	800	1000	1200	1400	1600	1800	2000					
Supervision (ms)	60	100	260	460	600										
External code:	0	2	3	4	5	6	7	8	9	(blank)					
Line pool codes (max. 4 digits)	A: <input type="text"/>	B: <input type="text"/>	C: <input type="text"/>	D: <input type="text"/>	E: <input type="text"/>	F: <input type="text"/>	G: <input type="text"/>	H: <input type="text"/>	I: <input type="text"/>	J: <input type="text"/>	K: <input type="text"/>	L: <input type="text"/>	M: <input type="text"/>	N: <input type="text"/>	O: <input type="text"/>
Installer password (max. 6 digits)	The default is (CONFIG) or (266344). <input type="text"/>														

System Data (Configuration: 5. System Data)

DN length							
Non-expanded sys.	2	3	4	5	6	7	
Expanded system		3	4	5	6	7	
Rec'd # length							
Expanded system	1	2	3	4	5	6	7

To record more than 46 System Speed Dial numbers, photocopy this page BEFORE using.

System Speed Dial (General admin: 1. Sys Speed Dial)

#	Speed Dial # (max. 24 digits)	Line:			Display digits	Name (max. 16 char.) Default is speed dial digits	Bypass restr'n	
		Prime	Line #	Pool code			Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
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					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N
					Y N		Y	N

Direct-Dial (General admin: 4.Direct-Dial)

Direct Dial sets (max. 7 digits)	Set1: []	Set2: []	Set3: []
	Set4: []	Set5: []	

Service modes (General admin: 6. Service Modes)

Control sets	Line: <input type="text"/>	Line Name: <input type="text"/>	Control Set: 221	<input type="text"/>					
	Line: <input type="text"/>	Line Name: <input type="text"/>	Control Set: 221	<input type="text"/>					
	Line: <input type="text"/>	Line Name: <input type="text"/>	Control Set: 221	<input type="text"/>					
	Line: <input type="text"/>	Line Name: <input type="text"/>	Control Set: 221	<input type="text"/>					
	Line: <input type="text"/>	Line Name: <input type="text"/>	Control Set: 221	<input type="text"/>					
	Line: <input type="text"/>	Line Name: <input type="text"/>	Control Set: 221	<input type="text"/>					
	Line: <input type="text"/>	Line Name: <input type="text"/>	Control Set: 221	<input type="text"/>					
	Line: <input type="text"/>	Line Name: <input type="text"/>	Control Set: 221	<input type="text"/>					
	Line: <input type="text"/>	Line Name: <input type="text"/>	Control Set: 221	<input type="text"/>					
	Line: <input type="text"/>	Line Name: <input type="text"/>	Control Set: 221	<input type="text"/>					
	Line: <input type="text"/>	Line Name: <input type="text"/>	Control Set: 221	<input type="text"/>					
	Line: <input type="text"/>	Line Name: <input type="text"/>	Control Set: 221	<input type="text"/>					
	Line: <input type="text"/>	Line Name: <input type="text"/>	Control Set: 221	<input type="text"/>					
	Line: <input type="text"/>	Line Name: <input type="text"/>	Control Set: 221	<input type="text"/>					
	Line: <input type="text"/>	Line Name: <input type="text"/>	Control Set: 221	<input type="text"/>					
Name: (max. 7 char.)	Night <input type="text"/>	Evening <input type="text"/>	Lunch <input type="text"/>						
Setting	Manual Off Auto	Manual Off Auto	Manual Off Auto						
If Auto is selected									
Start time	23:00 Hr: <input type="text"/> Min: <input type="text"/>	17:00 Hr: <input type="text"/> Min: <input type="text"/>	12:00 Hr: <input type="text"/> Min: <input type="text"/>						
Stop time	07:00 Hr: <input type="text"/> Min: <input type="text"/>	23:00 Hr: <input type="text"/> Min: <input type="text"/>	13:00 Hr: <input type="text"/> Min: <input type="text"/>						
Trunk answer	Y N	Y N	Y N						
Extra-dial set (max. 7 digits)	221 <input type="text"/>	221 <input type="text"/>	221 <input type="text"/>						
Ringling Sets	Line	Set	Aux.Ring	Line	Set	Aux.Ring	Line	Set	Aux.Ring
	<input type="text"/>	221	Y N	<input type="text"/>	221	Y N	<input type="text"/>	221	Y N
	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N
	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N
	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N
	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N
	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N
	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N
	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N
	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N
	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N
	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N
	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N
	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N
	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N	<input type="text"/>	<input type="text"/>	Y N

Password (General admin: 7. Password)

Admin password (max. 6 digits)	The default is (ADMIN) or (23646). <input type="text"/>
--	--

Call Log size (General admin: 8. Log Defaults)

Log size:	<input type="text"/>
------------------	----------------------

Voice Message Center Telephone Numbers (General admin: 9. Call Services) (max. 24 digits)

VMsg center 1 #	<input type="text"/>
VMsg center 2 #	<input type="text"/>
VMsg center 3 #	<input type="text"/>
VMsg center 4 #	<input type="text"/>
VMsg center 5 #	<input type="text"/>

To record programming for more than four lines, photocopy this page BEFORE using.

Line programming

line: (3 digits)	_____	_____	_____	_____
name: (max. 7 char.)	_____	_____	_____	_____
number: (max. 7 digits)	_____	_____	_____	_____

Trunk Data (Configuration: 1. Trk/Line Data)

copied from:				
Line	Loop E&M DTMF DID	Loop E&M DTMF DID	Loop E&M DTMF DID	Loop E&M DTMF DID
Trunk mode (Loop only)	Unsupr Super	Unsupr Super	Unsupr Super	Unsupr Super
Ans mode (Loop, E&M only)	Manual Auto	Manual Auto	Manual Auto	Manual Auto
Ans with DISA (Loop, E&M only)	Y N	Y N	Y N	Y N
Signal (E&M, DID only)	WinkStart Immediate DelayDial	WinkStart Immediate DelayDial	WinkStart Immediate DelayDial	WinkStart Immediate DelayDial
Gain (E&M only)	Normal High	Normal High	Normal High	Normal High
Dial mode (Loop, E&M only)	Pulse Tone	Pulse Tone	Pulse Tone	Pulse Tone
Full AutoHold (Loop only)	Y N	Y N	Y N	Y N
Rec'd # (max. 7 digits)	_____	_____	_____	_____

Line Data (Configuration: 1. Trk/Line Data)

copied from:				
Line type	Public Private to: _____ Pool: (A-O) _____	Public Private to: _____ Pool: (A-O) _____	Public Private to: _____ Pool: (A-O) _____	Public Private to: _____ Pool: (A-O) _____
Prime set (max. 7 digits)	221 None _____	221 None _____	221 None _____	221 None _____
Aux. ringer	Y N	Y N	Y N	Y N
Auto privacy	Y N	Y N	Y N	Y N

Line abilities (General admin: 5: Capabilities)

copied from line:				
Line filter	03	03	03	03
Remote filter	04	04	04	04
Remote package	00	00	00	00

Call Services (General admin: 9: Call Services)

Auto Call Info set	_____	_____	_____	_____
copied from line:				
VMsg center #	1 2 3 4 5 N	1 2 3 4 5 N	1 2 3 4 5 N	1 2 3 4 5 N

To record programming for more than four telephones, photocopy the following tables BEFORE using.

Set programming

Set: (max. 7 digits)				
name: (max. 7 char.)				
model:				

Set copy (enter set and circle S for system data or SU for system and user data)

copied from set:	S	SU	S	SU	S	SU	S	SU
------------------	---	----	---	----	---	----	---	----

Line Access (Configuration: 2. Line Access)

copied from:												
Line Assignment	001	Ring	No ring	001	Ring	No ring	001	Ring	No ring	001	Ring	No ring
	002	Ring	No ring	002	Ring	No ring	002	Ring	No ring	002	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
Answer DNs	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring	___	Ring	No ring
Line pool access	A B C D E F G H I J K L M N O	A B C D E F G H I J K L M N O	A B C D E F G H I J K L M N O	A B C D E F G H I J K L M N O	A B C D E F G H I J K L M N O							
Intercom buttons	0 1 2 3 4 5 6 7 8	0 1 2 3 4 5 6 7 8	0 1 2 3 4 5 6 7 8	0 1 2 3 4 5 6 7 8	0 1 2 3 4 5 6 7 8							
Prime line	None Intcm Line#:____ Pool:_____	None Intcm Line#:____ Pool:_____	None Intcm Line#:____ Pool:_____	None Intcm Line#:____ Pool:_____	None Intcm Line#:____ Pool:_____							

Set abilities (General admin: 5. Capabilities)

copied from set:																
Set filter (2 digits)	02			02			02			02						
Line/Set filter	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____	Line:_____	Filter:_____				
Set lock	None	Full	Partial	None	Full	Partial	None	Full	Partial	None	Full	Partial				
Full handsfree	Y	N		Y	N		Y	N		Y	N					
Auto handsfree	Y	N		Y	N		Y	N		Y	N					
HF answerback	Y	N		Y	N		Y	N		Y	N					
Pickup group	NO 1 2 3 4				NO 1 2 3 4				NO 1 2 3 4				NO 1 2 3 4			
	5 6 7 8 9				5 6 7 8 9				5 6 7 8 9				5 6 7 8 9			
Paging	Y	N		Y	N		Y	N		Y	N					
Page zone	1 2 3 4 5 6				1 2 3 4 5 6				1 2 3 4 5 6				1 2 3 4 5 6			
		No				No				No				No		
Aux. ringer	Y	N		Y	N		Y	N		Y	N					
Direct-dial set	1				1				1				1			
	2 3 4 5 None				2 3 4 5 None				2 3 4 5 None				2 3 4 5 None			
Forward on busy	None or to:				None or to:				None or to:				None or to:			
Forward no answr	None or to:				None or to:				None or to:				None or to:			
Forward delay	2 3 4 6 10				2 3 4 6 10				2 3 4 6 10				2 3 4 6 10			
Allow redirect	Y	N		Y	N		Y	N		Y	N					
Redirect ring	Y	N		Y	N		Y	N		Y	N					
Hotline	None				None				None				None			
	Intrnl#: _____				Intrnl#: _____				Intrnl#: _____				Intrnl#: _____			
	Extrnl#: _____				Extrnl#: _____				Extrnl#: _____				Extrnl#: _____			
Use line:	Prime				Prime				Prime				Prime			
	Line #: _____				Line #: _____				Line #: _____				Line #: _____			
	Pool: _____				Pool: _____				Pool: _____				Pool: _____			
Priority call	Y	N		Y	N		Y	N		Y	N					

Defaults shown in **bold** are for the Square Startup template.

Programming glossary

1st display	Select the first information to be displayed by the Call Display features. The default is Name. Other settings are Number and Line. Name or number only appear if you have subscribed to Call Display services, otherwise the line name will appear as the default.
Admin. password	Assign a 1 to 6-digit password for security. The default is ADMIN (23646).
Alarm set	The Alarm telephone displays messages when a problem appears in the Norstar system. The default telephone is DN 221. Enter another internal number to change the Alarm telephone.
Ans mode	Lets you program settings for physical trunk lines for Loop Start and E&M Trunk Cartridges only. Choose Auto for Loop start and E&M trunk cartridges to operate in Auto-answer mode. The setting Ans with DISA appears next if Ans mode is set to Auto.
Ans with DISA	Lets you program settings for physical trunk lines for Loop Start and E&M Trunk Cartridges only. Appears only if Ans mode is Auto. Retain the default setting Yes for trunks to be answered with Direct Inward System Access (DISA) or choose No for answering with system dial tone. Set Ans with DISA to No for E&M trunks on an ESN network to operate properly in auto-answer mode.
Answer DNs	Up to four buttons on a telephone can be programmed for answering calls to the DNs of other telephones. The default is No Answer DNs. Enter the DNs of other telephone DNs to appear on answer buttons at this telephone.
Auto Call Info	Lets you identify the telephone that will automatically display Call Display information for a specific alerting line (providing you have subscribed to Call Display services).
Auto DN	The Auto DN operates exactly as the DISA DN, except that no password is necessary. The length of the Auto DN is the same as the Rec'd # length.
Auto handsfree	Choose Yes to allow automatic activation of Handsfree capability.
Auto privacy	Lets you program settings for both physical trunks and target lines. Choose Yes to prevent other users, who have access to this line on their telephones, from using the line while a call is already in progress.
Autolog/ShowVMsg	A section of programming that lets you program whether or not the telephone is able to automatically log call information for calls on a specific line and whether Message Waiting information is displayed (providing you have subscribed to Call Display services).
Auxiliary ringer	Choose Yes for an Auxiliary Ringer (if installed) to ring for an incoming call on a specific line or at a specific telephone. The default is Yes for ringing on specific lines, and No for ringing at specific telephones
Backgrnd music	Choose Yes to hear music through the telephone's speaker (music source must be connected). The default is No.
Bypass restr'n	Choose Yes to allow a user to bypass restrictions or retain the default No to prevent bypass when using a Speed Dial number.
Call Handling	A sub-heading for a programming section that lets you program system-wide settings for various call features.
Call Services	A sub-heading for a programming section that lets you program settings for Voice Messaging, External Visual Message Waiting indication, Call Display information and Call Logs.
Camp timeout	Choose the number of seconds a call can remain camped before it returns to the originating telephone. The default is 45 seconds.
CAP Assignment	Enter the DN of one or more Central Answering Positions (maximum of five CAPs per system). The default is None.
Capabilities	A sub-heading for a programming section that lets you create Dialing filters and Remote access packages. Assign the filters and packages to Set abilities, Line abilities and Class of Service passwords.
Configuration (Installer only)	A heading for a programming section that lets you program system-wide configuration settings.
Control sets	Assign a control telephone to each external or target line to turn the Service Mode ON or OFF for the line. The default control telephone is DN 221. Enter the numbers for the line(s), the name of the person who uses the telephone and the new DN if changed.
COS passwords	Create up to 100 six-digit passwords that control access and use of the Norstar system by remote and internal users.
Diagnostics	A sub-heading for a programming section that lets you run tests on parts of the system.
Dial mode	Lets you program settings for physical trunk lines for Loop Start and E&M Trunk Cartridges only. Select the mode of dialing on this line: Pulse (the default) or Tone.
Dialing filters	Build tables of up to 100 Dialing filters (00 to 99) using restrictions and exceptions.

Direct dial #	Assign the digit used to dial a Direct-dial telephone. The default is 0. The digit can be from 0 to 9, or None. It cannot be the same as the first digit of a DN, of a Line Pool access code, the External Line access code or the Call Park Prefix.																																
Direct-dial	A sub-heading for a programming section that lets you assign up to five Direct-dial telephones for single-digit dialing.																																
Directed pickup	Directed Pickup allows you to answer calls at any telephone by specifying the ringing telephone's number (unlike Call Pickup Group which only allows pickup of calls within a specified group of telephones). The default is Yes.																																
DISA DN	The Direct Inward System Access (DISA) DN allows Norstar to auto-answer calls from a Private Network, or over DID trunks. It can also be used to change a Class of Service. Enter the digits to be received from a Private Network or from a Central office. The length of the DISA DN is the same as the Rec'd # length.																																
Display digits	Retain the default Yes to see the telephone number on the display when using the speed dial number or change the setting to No to turn off the display.																																
DN length	The length of DNs can be changed. For non-expanded systems, DN length is 2 to 7 digits. For expanded systems, the length is 3 to 7 digits. Each increase in DN length adds the digit "2" to an existing DN (for example: DN 344 , increased to five digits, becomes 22344).																																
DRT delay	If "DRT to prime" is activated, assign the number of rings before a call is transferred. Default is 3 rings.																																
DRT to prime	Delayed Ring Transfer automatically forwards unanswered external calls to a Prime telephone. Choose Yes to activate DRT.																																
Exceptions	Enter any number of exceptions to the restrictions, as long as the total number of restrictions and exceptions for the system does not exceed 400.																																
External code	Assign the one digit External Line access code, or none. This code allows an M7100 Telephone or an ATA to access external lines. An External Line access code cannot be the same as the Park prefix, the Direct-dial digit, or the first digit used by an internal DN.																																
Extra-dial	If a Direct-dial telephone is also a Control telephone for a Service mode, you can specify an Extra-dial telephone at which all calls made to the Direct-dial telephone will also ring. The default Extra-dial telephone is 221.																																
Filter	<ul style="list-style-type: none"> • Enter a dialing filter number. Then enter the first restriction to be assigned. Enter all the exceptions to a restriction before writing in the next restriction or the next filter number. • Copy the contents of one filter to a new filter for easier programming. Remember to record all the restrictions and exceptions assigned to each filter. • Pre-set and default filter assignments: Filter 00 — pre-set for No restrictions (the setting cannot be altered). Filter 01 — pre-set with five restrictions and related exceptions (but is re-programmable). <table style="margin-left: 40px; border: none;"> <tr> <td>Restr'n 01:</td> <td>0</td> <td></td> <td></td> </tr> <tr> <td>Restr'n 02:</td> <td>1</td> <td>Excpt'n 001:</td> <td>1800</td> </tr> <tr> <td></td> <td></td> <td>Excpt'n 002:</td> <td>1555</td> </tr> <tr> <td></td> <td></td> <td>Excpt'n 003:</td> <td>1*1*555</td> </tr> <tr> <td></td> <td></td> <td>Excpt'n 004:</td> <td>1*0*555</td> </tr> <tr> <td>Restr'n 03:</td> <td>911</td> <td>Excpt'n 001:</td> <td>911</td> </tr> <tr> <td>Restr'n 04:</td> <td>411</td> <td></td> <td></td> </tr> <tr> <td>Restr'n 05:</td> <td>976</td> <td></td> <td></td> </tr> </table> Filter 02 — is the unrestricted default filter for Set abilities, Set filter. Filter 03 — is the unrestricted default filter for Line abilities, Line filter. Filter 04 — is the unrestricted default filter for Line abilities, Remote filter. 	Restr'n 01:	0			Restr'n 02:	1	Excpt'n 001:	1800			Excpt'n 002:	1555			Excpt'n 003:	1*1*555			Excpt'n 004:	1*0*555	Restr'n 03:	911	Excpt'n 001:	911	Restr'n 04:	411			Restr'n 05:	976		
Restr'n 01:	0																																
Restr'n 02:	1	Excpt'n 001:	1800																														
		Excpt'n 002:	1555																														
		Excpt'n 003:	1*1*555																														
		Excpt'n 004:	1*0*555																														
Restr'n 03:	911	Excpt'n 001:	911																														
Restr'n 04:	411																																
Restr'n 05:	976																																
Forward no answer	To redirect calls that have gone unanswered at the telephone, enter the DN of a Norstar telephone to which the calls should go. If "Forward no answer" is activated, Forward delay sets the number of rings before the call is forwarded. The default is 3 rings. Other options are 2, 4, 6 and 10 rings.																																
Forward on busy	To redirect all incoming calls to your telephone, when you are busy with another call, enter the DN of another Norstar telephone to which the calls should go.																																
Full AutoHold	Lets you program settings for physical trunk lines for Loop Start Trunk Cartridges only. E&M trunks always have Full AutoHold. DID trunks are incoming only and never have it. The default is No. Choose Yes only if you want to be able to put an idle line on hold to reserve it while you select another line (for example, to answer a call).																																
Full handsfree	Choose Yes to allow a user to make or receive calls without picking up the receiver or to allow the use of a headset on a Norstar telephone.																																

Gain	Lets you program settings for physical trunk lines for E&M Trunk Cartridges only. Choose Normal when connected to facilities that present 0 dBm at the interface, for both the transmit and receive paths. Choose High when connected to facilities that present +7 dBm in the receive path, and -16 dBm in the transmit path, at the interface.
General admin	A heading for a programming section that lets you program system-wide settings and specific settings for each line or Norstar telephone.
Held line reminder	Choose Yes to program the telephone to remind you when a call is on hold. Two tones sound periodically until the call is answered. The default is No.
HF answerback	Choose Yes to allow a user to answer a Voice Call without lifting the receiver.
Host delay	Choose the delay in milliseconds between the selection of an outgoing line and the moment that Norstar sends dialed digits or codes on that line. The default is 1000 milliseconds.
Hotline	Assign a telephone number to be called automatically when a user lifts the receiver or presses <input type="text"/> Handsfree <input type="text"/> . Retain the default None if no hotline is needed. Choose Intrnl to assign an internal Norstar telephone as the hotline. Choose Extrnl to make an external telephone the hotline. By default, the Extrnl setting uses the Prime line (Use prime line) to make the call. Choose the Use line:_ setting to assign an external line number or choose Pool code:_ to assign the access code of Line pool for making the call.
Individual DNs	Change the Directory Number (DN) of a telephone. All DNs must be the same length. The first digit of a new DN cannot be the same as the External Line access code, the Park prefix, the Direct-dial digit, or the first digit of a Line Pool access code. Note: Changing an Individual DN locks the configuration session into System Data mode, and when the session ends, you have to re-enter the Configuration access code and the Installer password to continue with programming.
Installer password	Change the one to six character Installer password used to enter Configuration programming from the default of CONFIG (266344).
Intercom buttons	Choose the number of intercom buttons on the telephone (default is 2) for access to internal lines and line pools.
Line	Lets you program settings for physical trunk lines for Loop Start, E&M and DID Trunk Cartridges. Choose the default Loop for Loop start trunk cartridges. Choose E&M for the first two lines on an E&M trunk cartridge; choose DTMF for the third and fourth line numbers which correspond to DTMF receivers. Choose DID for Direct Inward Dial (DID) trunk cartridges.
Line abilities	A section of programming that lets you apply dialing filters, remote dialing filters and remote access packages to lines.
Line Access	A sub-heading for a programming section that lets you program settings for each telephone.
Line assignment	Enter the line numbers of the physical trunk lines and target lines to be assigned to the telephone (default assignments are lines 001 and 002). In general, do not assign auto-answer Loop start and E&M trunks or DID trunks to telephones. If assigned, they are usually used for monitoring the lines. Each line assigned to a telephone must appear at a button with an indicator on the telephone (except for the M7100 Telephone which has no line buttons and can be assigned any number of incoming lines).
Line data	A section of programming that lets you program settings for both physical trunks and target lines.
Line filter	Retain default filter 03 defined previously in Dialing filters programming or assign another two-digit filter number to the line.
Line fltr	Enter a two-digit filter number to temporarily replace the Line filter assigned to this line. The default (Deflt) allows a filter programmed previously to continue to apply.
Line names	Identify a line by the name of its destination or by the trunk type (up to seven characters).
Line pool access	Choose the Line Pools (A to O) to which the telephone or the remote user will have access. The default is no Line Pool assigned.
Line pool codes	Assign the Line Pool access codes for each Line Pool used. A code can be one to four digits in length (Line Pool access codes have no defaults). A line pool code cannot start with the first digit of any DN (including Rec'd #s, the DISA DN, or the Auto DN), the call park prefix or the Direct-dial digit.

Line type	<p>Lets you program settings for both physical trunks and target lines.</p> <p>Choose Public to be able to assign the line to any telephone.</p> <p>Choose Private to: _ to make the line private. Enter the DN of the telephone to which the line is to be assigned.</p> <p>Choose Pool to select Line Pool (A to O) to which the line will belong.</p> <p>Note: Target lines operate only for incoming calls, and cannot be assigned to line pools.</p> <p>Note: See the Configuration chapter in the Norstar Installer Guide for specific guidelines on setting up line pools.</p>
Line/set filters	Enter the three-digit number of a line assigned to the telephone. Assign a two-digit filter from Dialing filters to replace any line or set filters that might otherwise apply to that particular line. You can assign up to 255 Line/set filters.
Link time	Link time specifies the duration of a signal required to access a feature through a remote system. The default is 600 milliseconds.
Log Defaults	A sub-heading for a programming section that lets you re-allocate system call log space for all telephones.
Log password	Set the call log password for a telephone to default, erasing any user inserted password. The default is No Password.
Log space	Re-allocate the call log space on a telephone-by-telephone basis.
Logging set	Identify the telephone(s) that will automatically receive call log information for a specific line (providing you have subscribed to Call Display services).
Maintenance	A heading for a programming section that lets you run maintenance tests on the system.
Miscellaneous	A sub-heading for a programming section that lets you program various system-wide settings.
Module Status	A sub-heading for a programming section that lets you enable and disable modules, as well as display information on the modules.
Name	This option only appears if Display digits for Speed Dial is set to No. Enter up to 16 characters to see a name (such as: COURIER) instead of a telephone number on the display.
Name1, Name2, Name3	Retain the default Service Mode names or enter new names (up to 7 characters).
Names	A sub-heading for a programming section that lets you assign meaningful names to telephones and lines.
On hold	A caller waiting on hold will hear Music (from a source such as a radio connected to the KSU), periodic Tones or Silence. The default is Tones.
Paging	Allows announcements to be made from a Norstar telephone. The default is Yes.
Page zone	By default, a telephone falls into Page Zone 1. Enter a digit from 2 to 6 to change the page zone for this telephone, or change the setting to NO to prevent pages to this telephone.
Park prefix	Assign the code number to retrieve a parked call. The default is 1.
Park timeout	Choose the number of seconds a call on an external line can remain parked before it returns to the originating telephone. The default is 45 seconds.
Password	A sub-heading for a programming section that lets you allow authorized persons to have access to General administration programming.
Pickup group	Enter a digit from 1 to 9 for your Pickup Group to be able to answer any calls ringing at another telephone in your group or retain the default No to disable the feature.
Port/DN Status	A sub-heading for a programming section that lets you enable and disable ports and DNs.
Prime line	<p>Assign a Prime line to the telephone. The Prime line is the first line selected automatically for making calls from the telephone. To assign a line or line pool as Prime line, the line or line pool must have been assigned to the telephone. A target line cannot be a Prime line because it is incoming only.</p> <p>Choose None for no Prime line (default).</p> <p>Choose Line to select an external line as the Prime line.</p> <p>Choose Pool to select a Line Pool (A to O) as the Prime line.</p> <p>Choose I/C to select an internal line (intercom) as the Prime line.</p>
Prime set	A Prime telephone can provide backup answering of calls on the assigned external line. The default Prime telephone is DN 221. To change the Prime telephone for this line, enter the DN of another telephone, or choose None for no Prime telephone. A Prime telephone cannot be assigned for a target line.
Priority call	The default is No. Choose Yes to allow the user to call from this telephone and interrupt calls or override Do Not Disturb at another Norstar telephone.
Rec'd # length	Change the number of digits for Received numbers (for target lines), the DISA DN and the Auto DN. Changing the length will clear any existing Received numbers, the DISA DN and the Auto DN. Only expanded systems use Received numbers. The default is 3 digits. Length can be 1 to 7 digits.

Rec'd #:_	Received number appears only for target line numbers (081-120-184). When Norstar automatically answers a call coming in on DID, auto-answer Loop Start, or auto-answer E&M trunks, it collects the number of digits specified as the Rec'd # length in 5. System Data, matches these digits to a Received number, and routes the call to the appropriate target line. Received numbers cannot start with the same digit as any Line Pool access code, and must not be the same as the DISA DN or the Auto DN. A Received number can be a maximum of seven digits in length. For target lines only, pressing <input type="text" value="Back"/> at the Line Data prompt returns you to the Rec'd #:_ prompt.
Received number	A section of programming that lets you program the length of the received number.
Redirect ring	Choose Yes to cause the telephone to ring briefly (a 200 millisecond burst) when a call is redirected by the Selective Line Redirection feature. Default is No.
Remind delay	If Held Line Reminder is Yes, assign a delay before HLR begins for a call. The default is 60 seconds.
Remote access package	Create packages of permissions (01 to 15) to allow remote users access to Norstar line pools and/or to Remote paging. (Package 00 is pre-set to allow no access.) Remote package 00 is the default setting for Line abilities, Remote pkg.
Remote filter	Retain default filter 04 defined previously in Dialing filters programming or assign another two-digit filter number to the line.
Remote page	Choose Yes to allow access to Remote page (feature codes *60 to *63). Default is No.
Remote package	There are line and Class of Service settings for Remote packages. Enter a two-digit filter number to temporarily replace the Remote package assigned to the line. The default (Deflt) allows a filter programmed previously to continue to apply. Retain default package 00 to permit no access to line pools or remote paging through a Class of Service, or assign another two-digit package number defined previously in Remote access pkgs.
Reset all logs	Re-allocate the call log space on a system-wide basis. The system total of 600 log spaces can be distributed to the Norstar telephones.
Restrictions	Enter up to 48 restrictions for a dialing filter as long as the total number of restrictions and exceptions for the system does not exceed 400.
Ringng	In the Programming Record, list the line numbers which are assigned to ring at the telephone. Also list the Answer Group DNs which are assigned to ring at the telephone. The defaults for all trunk lines and all target lines is Ring. The default for Answer Group DNs which are assigned to ring at the telephone is Ring.
Service Modes	A sub-heading for a programming section that lets you assign telephones to ring during specified periods of the day.
Set abilities	A section of programming that lets you apply dialing filters and permissions to telephones.
Set Copy	A heading for a programming section that lets you copy programming from one telephone in the system to another.
Set filter	Retain the default filter 02, or assign another two-digit filter number from Dialing filters programming.
Set lock	To limit personal programming and customization that can be performed at this telephone, change from the default None to Full or Partial, as necessary.
Set names	Identify a telephone by the name of a person or its location (up to seven characters).
Set relocation	Telephone relocation, when activated, permits a telephone to be moved from one location within the Norstar system to another without losing the settings programmed on it. The default is No or OFF.
Set Services	A sub-heading for a programming section that lets you control some specific attributes of Call Log information.
Set1, Set2, Set3, Set4, Set5	Enter the DN (up to seven digits) for each Direct-dial telephone. Remember that other Direct-dial programming is required in Configuration (4. Miscellaneous) and General admin (5. Capabilities).
Setting	Manual (the default) allows you to turn the Service Mode ON or OFF at any time from the control telephone. Change the setting to OFF to disable Service Mode, or change it to Auto to assign automatic Start/Stop times.
Show ExtIVmsg	Identify the telephone that will give voice message waiting indication for messages on a specific line (providing you have subscribed to Call Display services).
Show Line	Enter the number of an external line which requires additional ringing telephones (a line can have multiple ringing telephones).
Ringng Sets Aux. ringer	Enter the DNs of the telephones that should ring for calls on that line. You can also make the Auxiliary ringer ring for calls on that line.
Signal	Lets you program settings for physical trunk lines for E&M and DID Trunk Cartridges only. Choose WinkStart (the default), Immediate or DelayDial to match the signalling supplied at the far end of the trunk.

Speed dial #:_	Assign telephone numbers (up to 24 digits) to the speed dial codes 01 to 70.
Use prime line, Use line:_, Pool code:_	Choose whether to use the Prime line (the default), another external line, or a line pool with Speed dial numbers.
Start time: Stop time:	Use the default Start/Stop times shown on the Programming Record or assign new times.
Supervision	Choose the duration of an Open Switch Interval (OSI) or line disconnection, before Disconnect Supervision disconnects a call on a supervised external line. The default is 460 milliseconds.
System Admin Log	A sub-heading for a programming section that lets you review the system administration logs.
System speed dial	A sub-heading for a programming section that lets you assign up to 70 2-digit speed dial numbers that can be dialed from Norstar telephones.
System Test Log	A sub-heading for a programming section that lets you review the system test logs.
System Data	A sub-heading for a programming section that lets you re-assign a telephone's internal number or change the lengths of all internal numbers and of Received numbers.
System Version	A sub-heading for a programming section that informs you of the system version.
Time and date	A sub-heading for a programming section that lets you set the system's clock to the correct time and date.
Trunk/Line Data	A sub-heading for a programming section that lets you program physical trunks in Trunk data. Program both physical trunk lines and target lines in Line data programming.
Transfer callback	Assign the number of times that a call you transfer is allowed to ring before the call returns to your telephone. Default is 3 rings.
Trunk answer	Set Trunk answer to Yes to allow external calls to be answered by any telephone, regardless of where the call rings.
Trunk data	A section of programming that lets you program settings for physical trunk lines only.
Trunk mode	Lets you program settings for physical trunk lines for Loop Start Trunk Cartridges only. Choose Super (the default) if disconnect supervision for the line should be ON, or choose Unspr if disconnect supervision must be OFF. For Loop start trunks to operate in Auto-answer mode, Trunk mode must be Super.
User filter	Enter a two-digit filter number to temporarily replace the Set filter or Line/set filter assigned to this telephone. The default (Deflt) allows a filter programmed previously to continue to apply.
VMsg centr tel#s	Program the telephone numbers required to access up to five different Voice Message Centers using the callback function of the Message Waiting feature (providing you have subscribed to Call Display services).
VMsg tel#s -> lines	Program which Network Voice Message Center is to be accessed by each specific line. Valid settings are Voice Message Center 1, 2, 3, 4, 5, and N. The default setting for all lines is Voice Message Center 1.

Defaults shown in **bold** are for the Square Startup template.

Programming defaults

A. Configuration

1. Trk/Line Data (p. 9)

Show line: _ 001-008-032-080
(physical trunk lines)

Trunk data

Line	Loop E&M (DTMF), DID
Trunk mode	Unsupr Super
Ans mode	Manual Auto
(if Ans mode = Auto)	
Ans with DISA	Y N
Signal	WinkStart Immediate, DelayDial
Gain	Normal High
Dial mode	Pulse Tone
Full AutoHold	N Y

Rec'd # **None**
(only for target lines 081-120-184)

Line data

(physical trunks 001-032-080,
target lines 081-120-184)

Line type	Public Private to:, Pool
Prime set	221 (any DN)
Aux. ringer	Y N
Auto privacy	Y N

2. Line Access (p. 10)

Show set: _

Line assignment	001, 002 ADD or REMOVE line
Answer DN's	No Answer DN's Add DN
Ringing (All assigned Trunk lines and Target lines)	Ring No Ring
Line pool (A-O) access	N Y
Intercom keys	0, 1, 2 , 3, 4, 5, 6, 7, 8
Prime line	None Pool A to O, 001 to 080, I/C

3. Call Handling (p. 4)

Held line reminder	N Y
Remind delay (if HLR=Y)	30, 60 , 90, 120, 150, 180
DRT to prime	Y N
DRT delay (if DRT = Y)	1, 2, 3 , 4, 6, 10
Trnsfr callbk	3 , 4, 5, 6, 12
Park prefix	0, 1 , 2, 3, 4, 5, 6, 7, 8, 9, None
Park timeout	30, 45 , 60, 90, 120, 150, 180, 300, 600
Camp timeout	30, 45 , 60, 90, 120, 150, 180
Directd pickup	Y N
On hold	Tones Music, Silence

4. Miscellaneous (p. 4)

Backgrnd music	N Y
Direct-dial #	0 , 1, 2, 3, 4, 5, 6, 7, 8, 9, N
DISA DN	None
Auto DN	None
Alarm set	221
CAP assignment	CAP1 to CAP5: None
Link time	100, 200, 300, 400, 500, 600 , 700, 800, 900, 1000
Set relocation	N Y
Host delay	200, 400, 600, 800, 1000 , 1200, 1400, 1600, 1800, 2000
Supervision	60, 100, 260, 460 , 600
External code	0, 1, 2, 3, 4, 5, 6, 7, 8, 9 , (blank)
Line pool codes (Pools A to O)	1 to 4 valid digits
Installer pswd.	

5. System Data (p. 4)

Individual DN's	Old_ New_
DN length	2, 3 , 4, 5, 6, 7 ('2' only on non-expanded system)
Rec'd # length	1, 2, 3 , 4, 5, 6, 7

B. General admin.

1. Sys speed dial (p. 5)

(24 digits)	#01 to #70
Number	No number Stored
Prime line	line_ Pool code
Display digits	Y N
Name	Sys Spd Dial # (Max. 16 characters)
Bypass restr'n	N Y

2. Names (pp. 9, 10)

Set names	max. 7 characters
Line names	max. 7 characters

3. Time and date

set accordingly

4. Direct-Dial (p. 5)

Set1:	221
Set2, Set3, Set4, Set5:	None

5. Capabilities (pp. 6, 7, 9, 11)

Dialing filters

Show filter: _

Filter 00	No restriction
Filter 01	
	Restr'n Excpt'n
01 0	-----
02 1	001 1800
	002 1555
	003 1*1*555
	004 1*0*555
03 911	001 911
04 411	-----
05 976	-----
Filters 02 to 99	No restriction

Rem access pkgs

Show pkg: _	
Pool A ():	N Y
Pool B ():	N Y
Remote page	N Y

Set abilities

Show set: _	
Set filter	02
Line/set filters	None
Show line: _	
Set lock	None Full, Partial
Full handsfree	N Y
Auto handsfree	N Y
HF answerback	Y N
Pickup group	NO 1 to 9
Paging	Y N
Page zone	1 2, 3, 4, 5, 6, NO
Aux. ringer	N Y
Direct-dial telephone	Set1 Set2, Set3, Set4, Set5, None
Forward on busy	Forward to: None
Forward no answr	Forward to: None Forward delay: 2, 3 , 4, 6, 10
Allow redirect	N Y
Redirect ring	Y N
Hotline	None Intrnl, Extrnl
Priority call	N Y

Line abilities

Show line: _	
Line filter	03
Remote filter	04
Remote pkg	00

COS passwords

Show password: _	
Pswd	None
User fltr	Deflt
Line fltr	Deflt
Remote pkg	Deflt

6. Service Modes (p. 8)

Control sets	221
Name1	Night
(if set to 'Auto':	
Start = 23:00; Stop = 07:00	
Name2	Evening
(if set to 'Auto':	
Start = 17:00; Stop = 23:00	
Name3	Lunch
(if set to 'Auto':	
Start = 12:00; Stop = 13:00	
Setting	Manual Off Auto
Trunk answer	Y N
Extra-dial	221
Show line: _	
Ringing Sets	221
Auxiliary ringer	Y N

7. Password (p. 8)

Default:	ADMIN or 23646
Change:	(6 characters)

8. Log Defaults (p. 8)

Reset all logs	
Space/Log:	

9. Call Services (pp. 8, 9, 12)

Auto Call Info	
Show line: _	
Auto Call Info	None
Set services	
Show set: _	
Autolog/ShowVMsg	
For each line assigned:	
Logging set:	N Y
Show extl VMsg:	N Y
Log space	
Log:	0
Pool:	600
Log password:	None
1st Display:	Name Numbr Line
VMsg centr tel#s	
VMsg center 1 to	
VMsg center 5:	None
VMsg tel#s -> lines	
Show line: _	
VMsg Centr:	1 2 3 4 5 N

C. Set copy

Copy: SYSTEM data	
Copy: SYSTEM + USER	

D. Maintenance

1. System Version

SP:	RTP:
-----	------

2. Port/DN Status

Show port or DN	
Disable or Enable	

3. Module Status

Show Module	
Disable or Enable	
Version	
No. of Lines on Module	
No. of Sets on Module	

4. Diagnostics

Enter Test #	
Run test on Ports	
Run test on Modules	
Disable at Idle	
Disable at Once	
Display Results	
Cancel Test	

5. Sys Test Log

Alarm: Code	
Erase Log	
Date & Time	
Next Repeat	

6. Sys Admin Log

Alarm: Code	
Erase Log	
Date & Time	
Next Repeat	

