

**STANDARD OPERATING PROCEDURE
SOP. 20 - 00 STANDARD MODEL NUMBER SYSTEM**

NOMENCLATURE TABLE - 20.40D MOBILES (Assignments after 3/10/92)

Model Number Example: M 0 2 J F G 7 A 3 0 A N S P 0 1

Position: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

POSITION 1 - TYPE OF UNIT

M=Mobile
L=Table Top Station

**POSITION 2 and 3
MODEL SERIES ASSIGNMENT**

See Master List (Exhibit "B") for current assignments
Contact Price Book Systems Department for new series assignments

POSITION 4 - FREQUENCY ASSIGNMENT

Note: Values represented are not absolute, and are given to indicate range only.

A=Less than 29.7 MHz.	S=470 to 620 MHz.
B=29.7 to 35.99 MHz.	T=Product Specific UHF F
C=36 to 41 MHz.	U=806 to 870 MHz.
D=42 to 50 MHz.	V=825 to 870 MHz.
E=300 to 345 MHz.	W=896 to 941 MHz.
F=66 to 80 Mhz.	X= 403-470 MHz.
G=74 to 90 MHz.	Y=1.0 to 1.6 GHz.
H=Product Specific VHF F	Z=1.5 to 2.0 GHz.
J=136 to 162 MHz.	1=450-527 MHz
K=146 to 178 MHz.	2=136-174 MHz.
L=174 to 210 MHz.	3=
M=190 to 235 MHz.	4=
N=330 to 370 MHz.	5=
P=366 to 410 MHz.	6=
Q=403 to 437 MHz.	7=
R=438 to 482 MHz.	8=
	9=

POSITION 6 - PHYSICAL PACKAGES

A=RF Modem Operation
B=Receiver Only
C=Standard Control - No Display
D=Standard Control - With Display
E=Limited Keypad - No Display
F=Limited Keypad - With Display
G=Full Keypad - No Display
H=Full Keypad - With Display
J=Limited Controls - No Display
K=Limited Controls - Basic Display
L=Limited Controls - Limited Display
M=Rotary Controls = Standard Display
N=Enhanced Controls - Enhanced Display
P=Low Profile - No Display
Q=Low Profile - Basic Display
R=Low Profile - Basic Display, Full Key
S=
T=
U=
V=VDV Control Head
W=
X=
Y=
Z=

POSITION 5 - POWER LEVEL

POSITION 7 - CHANNEL SPACING

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**Note: Values represented are not absolute,
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A=0 to 0.7 Watt	N=1 - 25 Watts	0=	5=15 KHz.
B=0.7 to 0.9 Watt	P=25 - 40 Watt	1=5 KHz.	6=20/25 KHz
C=1.0 to 3.9 Watts	Q=25 - 45 Watt	2=6.25 KHz.	7=30 KHz.
D=4.0 to 5.0 Watts	R=	3=10 KHz.	8=12.5/25 KHz
E=5.1 to 6.0 Watts	S=	4=12.5 KHz.	9=Variable/ Programme
F=6.1 to 10.0 Watts	T=		
G=10.1 to 15 Watts	V=		
H=16 to 25 Watts	W=		
J=26 to 35 Watts	X=		
K=36 to 60 Watts	Y=		
L=61 to 110 Watts	Z=		
M=Up to 125 Watts			

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NOMENCLATURE TABLE - 20.40D MOBILES (Assignments after 3/10/92)

POSITION 8 - PRIMARY OPERATION

A=Conventional/Simplex
B=Conventional/Duplex
C=Trunked Twin Type
D=Dual Mode Trunked
E=Dual Mode Trunked/Duplex
F=Trunked Type I
G=Trunked Type II
H=FDMA Digital Dual Mode
J=TDMA Digital Dual Mode
K=Single Side Band
L=Global Positioning Satellite Capable
M=ASCB
N=Digital Dispatch
P=Programmable
Q=Digital Interconnect
R=Digital Multi-Service
S=
T=TDMA
U=
V=
W=
X=
Y=
Z=

POSITION 9 - PRIMARY SYSTEM TYPE

A=Conventional
B=Privacy Plus
C=Clear Smartnet
D=Advanced Conventional Statalert
E=Enhanced Privacy Plus
F=Nauganet 888 Series
G=JSMR Trunking
H=MCA Trunking
J=Coverage Plus
K=MPT1327 - Public
L=MPT1327 - Private
M=Radiocom
N=Tone Signaling
P=Binary Signaling
Q=Phonenet
R=iDEN Basic
S=iDEN Advanced Feature

POSITION 10 - FEATURE LEVEL

0=
1=Basic
2=Limited Package
3=Limited Plus
4=Intermediate
5=Standard Package
6=Standard Plus
7=Expanded Package
8=Expanded Plus
9=Full Featured/Programmable

POSITION 11 - VERSION

Version Letter (Alpha) - Major Change

**POSITION 12
UNIQUE MODEL VARIATIONS**

A=
B=
C=Cenelec
D=
E=
F=
G=
H=
J=
K=
L=
M=
N=Standard Package
P=
Q=
R=
S=
T=
U=
V=
W=
X=
Y=
Z=

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NOMENCLATURE TABLE - 20.40D MOBILES (Assignments after 3/10/92)

T=JSMR Digital
U=LTR Protocol
V=Single SideBand
W=Programmable
X=Secure Conventional
Y=Secure Smartnet
Z=TETRA
2=SmartZone

**POSITION 13 THROUGH 16
SP MODELS**

Refer to Paragraph 20-33 for "SP" model suffix

ACRONYMS (Definitions)

FDMA=Frequency Division Multiple Access
TDMA=Time Division Multiple Access
ACSB=Amplitude COmpanded Sideband
JSMR=Japan Specialized Mobile Radio
MCA=Multi-Channel Access
MPT=Ministry of Posts & Telecommunications
TETRA=Trans European Trunked Radio