

*Preparing Texas Today...
... for Tomorrow's Challenges*

*Texas Department of Public Safety
Robert Pletcher*



*Texas
Statewide Interoperability
Executive Committee*



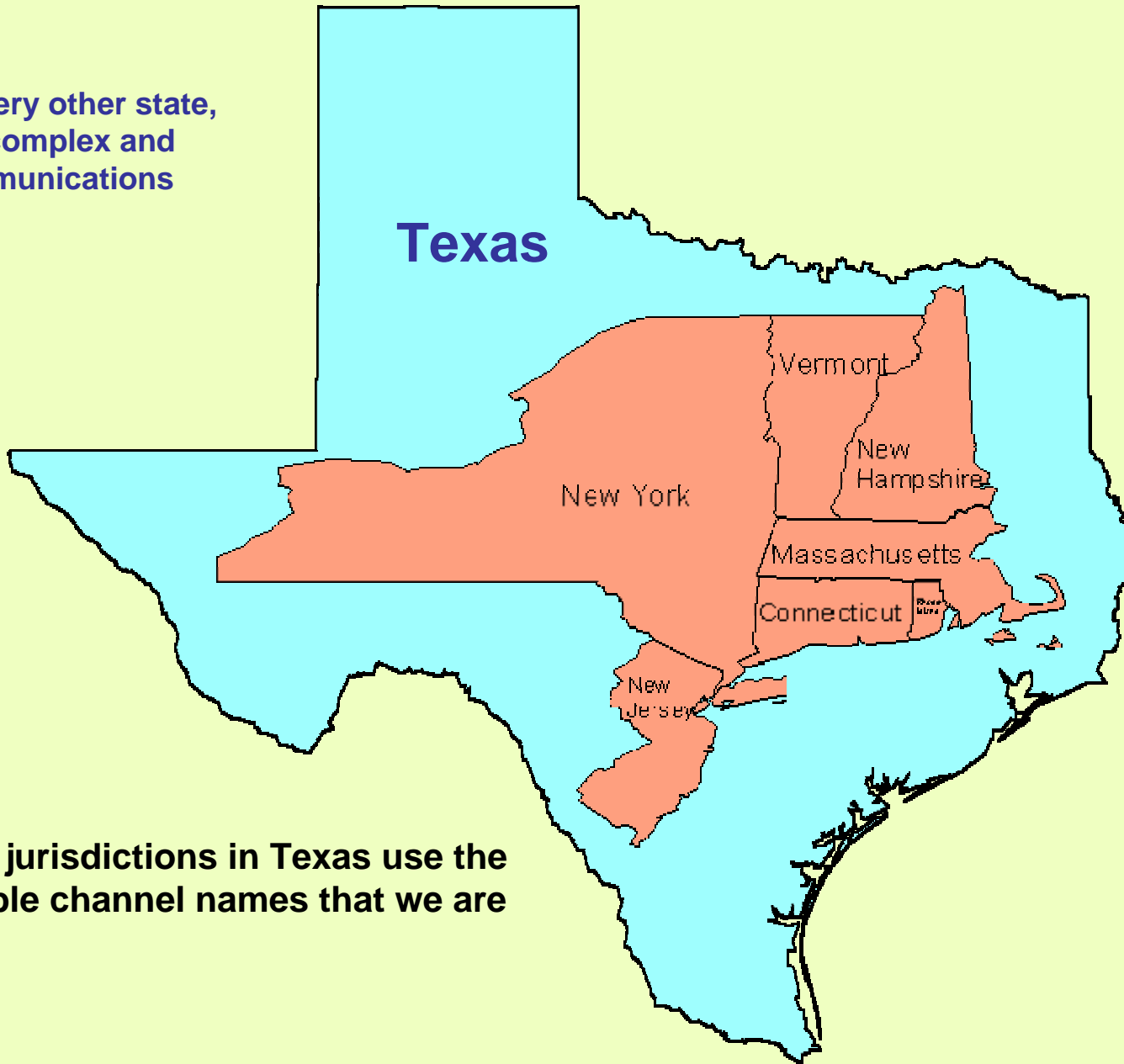
Office of Border Patrol – Sectors and Stations



U.S. Customs and Border Protection



**Just like every other state,
Texas has complex and
varied communications
needs**



**Over 2,300 jurisdictions in Texas use the
interoperable channel names that we are
proposing.**



What channel do you want?

Low Band Channel Names

Frequency (MHz) or Channel Set	Base / Mobile	Radio Service	NCC Channel Label	Recommendation	
FCC 30-512 MHz Public Safety Bands				Analog	P25 CAI
39.46	Base / Mobile	Police	3LAW1	LBLAW1A	LBLAW1
39.48	Base / Mobile	Fire Proposed	3FIR2	LBFIRE1A	LBFIRE1
45.86	Base / Mobile	Police	3LAW3	LBLAW2A	LBLAW2
45.88	Base / Mobile	Fire	3FIR4	LBFIRE2A	LBFIRE2

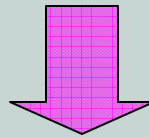
VHF High Band Channel Names

Frequency (MHz) or Channel Set	Base / Mobile	Radio Service	NCC Channel Label	Recommendation	
FCC 30-512 MHz Public Safety Bands				Analog	P25 CAI
151.1375	Base / Mobile	Any Public Safety Eligible	1TAC5	VTAC1A	VTAC1
152.0075	Base / Mobile	Special Emergency	1EMS6	VEMS1A	VEMS1
154.265	Mobile	Fire	1FIR7	VFIRE1A	VFIRE1
154.2725	Base / Mobile	Fire	1FIR8	VFIRE2A	VFIRE2
154.28	Base / Mobile	Fire	1FIR9	VFIRE3A	VFIRE3
154.2875	Base / Mobile	Fire	1FIR10	VFIRE4A	VFIRE4
154.295	Mobile	Fire	1FIR11	VFIRE5A	VFIRE5
154.3025	Base / Mobile	Fire	1FIR12	VFIRE6A	VFIRE6
154.4525	Base / Mobile	Any Public Safety Eligible	1TAC13	VTAC2A	VTAC2
155.34	Base / Mobile	EMS	1EMS14	VEMS2A	VEMS2
155.3475	Base / Mobile	EMS	1EMS15	VEMS3A	VEMS3
155.475	Base / Mobile	Police	1LAW16	VLAW1A	VLAW1
155.4825	Base / Mobile	Police	1LAW17	VLAW2A	VLAW2
155.7525	Base / Mobile	Any Public Safety Eligible	1CAL18	VCALLA	VCALL
157.25	Mobile	Allocated for Public Safety Use in 33 Inland VPCAs/EAs	1TAC19D	VTAC5A	VTAC5
157.275	Mobile	Allocated for Public Safety Use in 33 Inland VPCAs/EAs	1TAC20D	VTAC6A	VTAC6
157.225	Mobile	Allocated for Public Safety Use in 33 Inland VPCAs/EAs	1TAC21D	VTAC7A	VTAC7
158.7375	Base / Mobile	Any Public Safety Eligible	1TAC22	VTAC3A	VTAC3
159.4725	Base / Mobile	Any Public Safety Eligible	1TAC23	VTAC4A	VTAC4
161.85	Base / Mobile	Allocated for Public Safety Use in 33 Inland VPCAs/EAs	1TAC24	VTAC5AD	VTAC5D
161.825	Base / Mobile	Allocated for Public Safety Use in 33 Inland VPCAs/EAs	1TAC25	VTAC6AD	VTAC6D
161.875	Base / Mobile	Allocated for Public Safety Use in 33 Inland VPCAs/EAs	1TAC26	VTAC7AD	VTAC7D

NTIA VHF Channel Names

Frequency (MHz) or Channel Set	Base / Mobile	Radio Service	NCC Channel Label	Recommendation	
FCC 30-512 MHz Public Safety Bands				Analog	P25 CAI

162.0875	Mobile	NTIA Law Enforcement	1FCAL35	VFCAL1A	VFCALL1
167.0875	Base / Mobile	NTIA Law Enforcement	1FCAL35D	VFCAL1AD	VFCALL1D
162.2625	Mobile	NTIA Law Enforcement	1FLAW36	VFLAW1A	VFLAW1A
167.25	Base / Mobile	NTIA Law Enforcement	1FLAW36D	VFLAW1AD	VFLAW1D



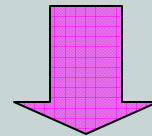
165.25	Mobile	NTIA Incident Response	1FTAC41	VFTAC1A	VFTAC1
170.0125	Base / Mobile	NTIA Incident Response	1FTAC41D	VFTAC1AD	VFTAC1D
165.9625	Mobile	NTIA Incident Response	1FTAC42	VFTAC2A	VFTAC2
170.4125	Base / Mobile	NTIA Incident Response	1FTAC42D	VFTAC2AD	VFTAC2D

UHF Channel Names

Frequency (MHz) or Channel Set	Base / Mobile	Radio Service	NCC Channel Label	Recommendation	
FCC 30-512 MHz Public Safety Bands				Analog	P25 CAI
453.2125	Base / Mobile	Any Public Safety Eligible	4CAL27D	UCALLAD	UCALLD
453.4625	Base / Mobile	Any Public Safety Eligible	4TAC28D	UTAC1AD	UTAC1D
453.7125	Base / Mobile	Any Public Safety Eligible	4TAC29D	UTAC2AD	UTAC2D
453.8625	Base / Mobile	Any Public Safety Eligible	4TAC30D	UTAC3AD	UTAC3D
458.2125	Mobile	Any Public Safety Eligible	4CAL27D	UCALLA	UCALL
458.4625	Mobile	Any Public Safety Eligible	4TAC28	UTAC1A	UTAC1
458.7125	Mobile	Any Public Safety Eligible	4TAC29	UTAC2A	UTAC2
458.8625	Mobile	Any Public Safety Eligible	4TAC30	UTAC3A	UTAC3

NTIA UHF Channel Names

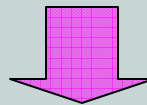
Frequency (MHz) or Channel Set	Base / Mobile	Radio Service	NCC Channel Label	Recommendation	
				Analog	P25 CAI
FCC 30-512 MHz Public Safety Bands					
414.0375	Base / Mobile	NTIA Law Enforcement	4FCAL45D	UFCAL1AD	UFCALL1D
418.9875	Mobile	NTIA Law Enforcement	4FLAW46	UFLAW1A	UFLAW1
409.9875	Base / Mobile	NTIA Law Enforcement	4FLAW46D	UFLAW1AD	UFLAW1D
419.41875	Mobile	NTIA Law Enforcement	4FLAW47	UFLAW2A	UFLAW2



419.4375	Mobile	NTIA Incident Response	4FTAC53	UFTAC1A	UFTAC1
410.4375	Base / Mobile	NTIA Incident Response	4FTAC53D	UFTAC1AD	UFTAC1D
419.6375	Mobile	NTIA Incident Response	4FTAC54	UFTAC2A	UFTAC2
410.6375	Base / Mobile	NTIA Incident Response	4FTAC54D	UFTAC2AD	UFTAC2D

700 MHz Channel Names

Frequency (MHz) or Channel Set	Base / Mobile	Radio Service	NCC Channel Label	Recommendation	
				Analog	P25 CAI
FCC 30-512 MHz Public Safety Bands					
Channel 39 & 40	Base / Mobile	Calling Channel	7CAL59		7CALL1D
Channel 999 & 1000	Mobile				7CALL1



**P25 CAI required for
interoperability channels
No analog allowed**

Channel 279 & 280	Base / Mobile	Mobile Data	7DAT71		7DAT1D
Channel 1239 & 1240	Mobile				7DAT1
Channel 63 & 64	Base / Mobile	EMS	7EMS60		7EMS1D
Channel 1023 & 1024	Mobile				7EMS1
Channel 143 & 144	Base / Mobile	Fire	7FIR64		7FIRE1D
Channel 1103 & 1104	Mobile				7FIRE1
Channel 223 & 224	Base / Mobile	Police	7LAW68		7LAW1D
Channel 1183 & 1184	Mobile				7LAW1
Channel 303 & 304	Base / Mobile	Mobile Repeater	7MOB72		7MOB1D
Channel 1263 & 1264	Mobile				7MOB1

800 MHz Channel Names

Frequency (MHz) or Channel Set	Base / Mobile	Radio Service	NCC Channel Label	Recommendation	
FCC 30-512 MHz Public Safety Bands				Analog	P25 CAI
821.0125	Mobile	Any Public Safety Eligible	8CAL90	8CALLA	8CALL
821.5125	Mobile	Any Public Safety Eligible	8TAC91	8TAC1A	8TAC1
822.0125	Mobile	Any Public Safety Eligible	8TAC92	8TAC2A	8TAC2
822.5125	Mobile	Any Public Safety Eligible	8TAC93	8TAC3A	8TAC3
823.0125	Mobile	Any Public Safety Eligible	8TAC94	8TAC4A	8TAC4
866.0125	Base / Mobile	Any Public Safety Eligible	8CAL90D	8CALLAD	8CALLD
866.5125	Base / Mobile	Any Public Safety Eligible	8TAC91D	8TAC1AD	8TAC1D
867.0125	Base / Mobile	Any Public Safety Eligible	8TAC92D	8TAC2AD	8TAC2D
867.5125	Base / Mobile	Any Public Safety Eligible	8TAC93D	8TAC3AD	8TAC3D
868.0125	Base / Mobile	Any Public Safety Eligible	8TAC94D	8TAC4AD	8TAC4D

*Thank you for the opportunity to present an
alternative channel naming plan*

Any Questions?



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