

Rev 1	BTR 800 CHANNEL MAP												A2 Band														
8/1/2001																											
Base Tx	22				23				24																		
	518	524	524	530	530	536																					
Bp Tx	41				42				43																		
	632	638	638	644	644	650																					
Pair Groups = 24 (12a + 12b)																											
Group	1a	1b	2a	2b	3a	3b	4a	4b	5a	5b	6a	6b	7a	7b	8a	8b	9a	9b	10a	10b	11a	11b	12a	12b			
Tx	22	22	23	23	24	24	22	22	23	23	24	24	22	22	23	23	24	24	22	22	23	23	24	24			
1	518.2	520.2	524.2	526.2	530.2	532.2	518.5	519.4	524.5	526.4	530.5	532.4	521.8	518.5	528.1	524.5	532.4	530.5	518.3	520.8	524.3	526.8	530.3	532.8			
2	522.3	521.5	528.3	527.5	534.3	533.5	522.6	520.7	528.6	527.7	534.6	533.7	523.3	520.6	529.4	526.4	534.6	533.7	522	522.7	528	528.7	534	534.7			
Rx	41,42,43		41,42,43		41,42,43		41,42		41,42		41,42		42,43		42,43		42,43		41,43		41,43		41,43				
1	632.2	632.2	632.2	632.2	632.2	632.2	632.5	632.5	632.5	632.5	632.5	632.5	638.5	638.5	638.5	638.5	638.5	638.5	632.1	632.1	632.1	632.1	632.1	632.1			
2	632.7	632.7	632.7	632.7	632.7	632.7	632.8	632.8	632.8	632.8	632.8	632.8	638.8	638.8	638.8	638.8	638.8	638.8	632.4	632.4	632.4	632.4	632.4	632.4			
3	634.5	634.5	634.5	634.5	634.5	634.5	633.3	633.3	633.3	633.3	633.3	633.3	640.7	640.7	639.9	639.9	639.9	639.9	632.9	632.9	632.9	632.9	632.9	632.9			
4	637	637	637	637	637	637	635.6	635.6	635.6	635.6	635.6	635.6	642	642	642	642	641.6	641.6	635.2	635.2	635.2	635.2	635.2	635.2			
5	640	640	640	640	640	640	637.6	637.6	637.6	637.6	637.6	637.6	644.3	644.3	644	644	643.6	643.6	636.9	636.9	636.9	636.9	636.9	636.9			
6	643.5	643.5	643.5	643.5	643.5	643.5	640.1	640.1	640.1	640.1	640.1	640.1	646.3	646.3	646.5	646.5	646.1	646.1	637.8	637.8	637.8	637.8	637.8	637.8			
7	644.7	644.7	644.7	644.7	644.7	644.7	641.3	641.3	641.3	641.3	641.3	641.3	648	648	648.8	648.8	647.3	647.3	644.5	644.5	644.5	644.5	644.5	644.5			
8	648.4	648.4	648.4	648.4	648.4	648.4	642.8	642.8	642.8	642.8	642.8	642.8	648.8	648.8	649.6	649.6	648.8	648.8	647.5	647.5	647.5	647.5	647.5	647.5			
9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
Single Groups = 12																											
Group	13	14	15	16	17	18	19	20	21	22	23	24															
Tx	22	23	24	22	23	24	22	23	24	22	23	24															
1	520.5	525.7	532.5	520.4	526.4	532.4	520.4	526.4	532.4	520.4	526.4	532.4															
2	521.5	527.1	533.7	522.6	528.6	534.6	522.6	528.6	534.6	522.6	528.6	534.6															
Rx	41,42,43	41,42,43	41,42,43	41	41	41	42	42	42	43	43	43															
1	632.1	632.2	632.3	632.2	632.2	632.2	638.2	638.2	638.2	644.2	644.2	644.2															
2	632.5	632.7	632.7	632.7	632.7	632.7	638.7	638.7	638.7	644.7	644.7	644.7															
3	634.4	636.3	635	633.4	633.4	633.4	639.4	639.4	639.4	645.4	645.4	645.4															
4	637.8	637.5	637.5	636.1	636.1	636.1	642.1	642.1	642.1	648.1	648.1	648.1															
5	641.5	641.2	643	*	*	*	*	*	*	*	*	*															
6	642.9	644.1	644.7	*	*	*	*	*	*	*	*	*															
7	645.9	646.6	647.7	*	*	*	*	*	*	*	*	*															
8	647.1	649.6	649.6	*	*	*	*	*	*	*	*	*															
9	*	*	*	*	*	*	*	*	*	*	*	*															
10	*	*	*	*	*	*	*	*	*	*	*	*															

Groups 25 - 36 are user-programmable and are blank initially.

Groups 25 - 36 are user-programmable and are blank initially.

Rev 1

7/23/2002

BTR 800 CHANNEL MAP

B4 Band

Base Tx	25		26		27	
	536	542	542	548	548	554
Bp Tx	47		48		49	
	668	674	674	680	680	686

Pair Groups = 24 (12a + 12b)

Group	1a	1b	2a	2b	3a	3b	4a	4b	5a	5b	6a	6b	7a	7b	8a	8b	9a	9b	10a	10b	11a	11b	12a	12b
Tx	25	25	26	26	27	27	25	25	26	26	27	27	25	25	26	26	27	27	25	25	26	26	27	27
1	536.2	538.2	542.2	544.2	548.2	550.2	536.5	537.4	542.5	544.4	548.5	550.4	539.8	536.5	546.1	542.5	550.4	548.5	536.3	538.8	542.3	544.8	548.3	550.8
2	540.3	539.5	546.3	545.5	552.3	551.5	540.6	538.7	546.6	545.7	552.6	551.7	541.3	538.6	547.4	544.4	552.6	551.7	540	540.7	546	546.7	552	552.7
Rx	47,48,49		47,48,49		47,48,49		47, 48		47, 48		47, 48		48, 49		48, 49		48, 49		47, 49		47, 49		47, 49	
1	668.2	668.2	668.2	668.2	668.2	668.2	668.5	668.5	668.5	668.5	668.5	668.5	674.5	674.5	674.5	674.5	674.5	674.5	668.1	668.1	668.1	668.1	668.1	668.1
2	668.7	668.7	668.7	668.7	668.7	668.7	668.8	668.8	668.8	668.8	668.8	668.8	674.8	674.8	674.8	674.8	674.8	674.8	668.4	668.4	668.4	668.4	668.4	668.4
3	670.5	670.5	670.5	670.5	670.5	670.5	669.3	669.3	669.3	669.3	669.3	669.3	676.7	676.7	675.9	675.9	675.3	675.3	668.9	668.9	668.9	668.9	668.9	668.9
4	673	673	673	673	673	673	671.6	671.6	671.6	671.6	671.6	671.6	678	678	678	678	677.6	677.6	671.2	671.2	671.2	671.2	671.2	671.2
5	676	676	676	676	676	676	673.6	673.6	673.6	673.6	673.6	673.6	680.3	680.3	680	680	679.6	679.6	672.9	672.9	672.9	672.9	672.9	672.9
6	679.5	679.5	679.5	679.5	679.5	679.5	676.1	676.1	676.1	676.1	676.1	676.1	682.3	682.3	682.5	682.5	682.1	682.1	673.8	673.8	673.8	673.8	673.8	673.8
7	680.7	680.7	680.7	680.7	680.7	680.7	677.3	677.3	677.3	677.3	677.3	677.3	684	684	684.8	684.8	683.3	683.3	680.5	680.5	680.5	680.5	680.5	680.5
8	684.4	684.4	684.4	684.4	684.4	684.4	678.8	678.8	678.8	678.8	678.8	678.8	684.8	684.8	685.6	685.6	684.8	684.8	683.5	683.5	683.5	683.5	683.5	683.5
9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Single Groups = 12

Group	13	14	15	16	17	18	19	20	21	22	23	24
Tx	25	26	27	25	26	27	25	26	27	25	26	27
1	538.5	543.7	550.5	538.4	544.4	550.4	538.4	544.4	550.4	538.4	544.4	550.4
2	539.5	545.1	551.7	540.6	546.6	552.6	540.6	546.6	552.6	540.6	546.6	552.6
Rx	47,48,49	47,48,49	47,48,49	47	47	47	48	48	48	49	49	49
1	668.1	668.2	668.3	668.2	668.2	668.2	674.2	674.2	674.2	680.2	680.2	680.2
2	668.5	668.7	668.7	668.7	668.7	668.7	674.7	674.7	674.7	680.7	680.7	680.7
3	670.4	672.3	671	669.4	669.4	669.4	675.4	675.4	675.4	681.4	681.4	681.4
4	673.8	673.5	673.5	672.1	672.1	672.1	678.1	678.1	678.1	684.1	684.1	684.1
5	677.5	677.2	679	*	*	*	*	*	*	*	*	*
6	678.9	680.1	680.7	*	*	*	*	*	*	*	*	*
7	681.9	682.6	683.7	*	*	*	*	*	*	*	*	*
8	683.1	685.6	685.6	*	*	*	*	*	*	*	*	*
9	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	*

Groups 25 - 36 are user programmable and are blank initially.

Groups 25 - 36 are user programmable and are blank initially.

Rev 2		BTR 800 CHANNEL MAP										C6 Band															
5/29/2001																											
Base Tx	28				29				30																		
	554	560	560	566	566	572																					
Bp Tx	53				54				55																		
	704	710	710	716	716	722																					
Pair Groups = 24 (12a + 12b)																											
Group	1a	1b	2a	2b	3a	3b	4a	4b	5a	5b	6a	6b	7a	7b	8a	8b	9a	9b	10a	10b	11a	11b	12a	12b			
Tx	28	28	29	29	30	30	28	28	29	29	30	30	28	28	29	29	30	30	28	28	29	29	30	30			
1	554.2	556.2	560.2	562.2	566.2	568.2	554.5	555.4	560.5	562.4	566.5	568.4	557.8	554.5	564.1	560.5	568.4	566.5	554.3	556.8	560.3	562.8	566.3	568.8			
2	558.3	557.5	564.3	563.5	570.3	569.5	558.6	556.7	564.6	563.7	570.6	569.7	559.3	556.6	565.4	562.4	570.6	569.7	558	558.7	564	564.7	570	570.7			
Rx	53,54,55		53,54,55		53,54,55		53,54		53,54		53,54		54,55		54,55		54,55		53,55		53,55		53,55				
1	704.2	704.2	704.2	704.2	704.2	704.2	704.5	704.5	704.5	704.5	704.5	704.5	710.5	710.5	710.5	710.5	710.5	710.5	704.1	704.1	704.1	704.1	704.1	704.1			
2	704.7	704.7	704.7	704.7	704.7	704.7	704.8	704.8	704.8	704.8	704.8	704.8	710.8	710.8	710.8	710.8	710.8	710.8	704.4	704.4	704.4	704.4	704.4	704.4			
3	706.5	706.5	706.5	706.5	706.5	706.5	705.3	705.3	705.3	705.3	705.3	705.3	712.7	712.7	711.9	711.9	711.3	711.3	704.9	704.9	704.9	704.9	704.9	704.9			
4	709	709	709	709	709	709	707.6	707.6	707.6	707.6	707.6	707.6	714	714	714	714	713.6	713.6	707.2	707.2	707.2	707.2	707.2	707.2			
5	712	712	712	712	712	712	709.6	709.6	709.6	709.6	709.6	709.6	716.3	716.3	716	716	715.6	715.6	708.9	708.9	708.9	708.9	708.9	708.9			
6	715.5	715.5	715.5	715.5	715.5	715.5	712.1	712.1	712.1	712.1	712.1	712.1	718.3	718.3	718.5	718.5	718.1	718.1	709.8	709.8	709.8	709.8	709.8	709.8			
7	716.7	716.7	716.7	716.7	716.7	716.7	713.3	713.3	713.3	713.3	713.3	713.3	720	720	720.8	720.8	719.3	719.3	716.5	716.5	716.5	716.5	716.5	716.5			
8	720.4	720.4	720.4	720.4	720.4	720.4	714.8	714.8	714.8	714.8	714.8	714.8	720.8	720.8	721.6	721.6	720.8	720.8	719.5	719.5	719.5	719.5	719.5	719.5			
9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
Single Groups = 12													Groups 25 - 36 are user programmable and are blank initially.														
Group	13	14	15	16	17	18	19	20	21	22	23	24															
Tx	28	29	30	28	29	30	28	29	30	28	29	30															
1	556.5	561.7	568.5	556.4	562.4	568.4	556.4	562.4	568.4	556.4	562.4	568.4															
2	557.5	563.1	569.7	558.6	564.6	570.6	558.6	564.6	570.6	558.6	564.6	570.6															
Rx	53,54,55	53,54,55	53,54,55	53	53	53	54	54	54	55	55	55															
1	704.1	704.2	704.3	704.2	704.2	704.2	710.2	710.2	710.2	716.2	716.2	716.2															
2	704.5	704.7	704.7	704.7	704.7	704.7	710.7	710.7	710.7	716.7	716.7	716.7															
3	706.4	708.3	707	705.4	705.4	705.4	711.4	711.4	711.4	717.4	717.4	717.4															
4	709.8	709.5	709.5	708.1	708.1	708.1	714.1	714.1	714.1	720.1	720.1	720.1															
5	713.5	713.2	715	*	*	*	*	*	*	*	*	*															
6	714.9	716.1	716.7	*	*	*	*	*	*	*	*	*															
7	717.9	718.6	719.7	*	*	*	*	*	*	*	*	*															
8	719.1	721.6	721.6	*	*	*	*	*	*	*	*	*															
9	*	*	*	*	*	*	*	*	*	*	*	*															
10	*	*	*	*	*	*	*	*	*	*	*	*															

Groups 25 - 36 are user programmable and are blank initially.

Rev 1

5/21/2003

Base Tx

Bp Tx

34

590

596

14

470

35

596

602

15

476

36

602

608

16

482

488

Pair Groups = 24 (12a + 12b)

Group	1a	1b	2a	2b	3a	3b	4a	4b	5a	5b	6a	6b	7a	7b	8a	8b	9a	9b	10a	10b	11a	11b	12a	12b
Tx	34	34	35	35	36	36	34	34	35	35	36	36	34	34	35	35	36	36	34	34	35	35	36	36
1	590.2	592.2	596.2	598.2	602.2	604.2	590.5	591.4	596.5	598.4	602.5	604.4	593.8	590.5	600.1	596.5	604.4	602.5	590.3	592.8	596.3	598.8	602.3	604.8
2	594.3	593.5	600.3	599.5	606.3	605.5	594.6	592.7	600.6	599.7	606.6	605.7	595.3	592.6	601.4	598.4	606.6	605.7	594	594.7	600	600.7	606	606.7
Rx	14, 15, 16		14, 15, 16		14, 15, 16		14, 15		14, 15		14, 15		15, 16		15, 16		15, 16		14, 16		14, 16		14, 16	
1	470.2	470.2	470.2	470.2	470.2	470.2	470.5	470.5	470.5	470.5	470.5	470.5	476.5	476.5	476.5	476.5	476.5	476.5	470.1	470.1	470.1	470.1	470.1	470.1
2	470.7	470.7	470.7	470.7	470.7	470.7	470.8	470.8	470.8	470.8	470.8	470.8	476.8	476.8	476.8	476.8	476.8	476.8	470.4	470.4	470.4	470.4	470.4	470.4
3	472.5	472.5	472.5	472.5	472.5	472.5	471.3	471.3	471.3	471.3	471.3	471.3	478.7	478.7	477.9	477.9	477.3	477.3	470.9	470.9	470.9	470.9	470.9	470.9
4	475	475	475	475	475	475	473.6	473.6	473.6	473.6	473.6	473.6	480	480	480	480	479.6	479.6	473.2	473.2	473.2	473.2	473.2	473.2
5	478	478	478	478	478	478	475.6	475.6	475.6	475.6	475.6	475.6	482.3	482.3	482	482	481.6	481.6	474.9	474.9	474.9	474.9	474.9	474.9
6	481.5	481.5	481.5	481.5	481.5	481.5	478.1	478.1	478.1	478.1	478.1	478.1	484.3	484.3	484.5	484.5	484.1	484.1	475.8	475.8	475.8	475.8	475.8	475.8
7	482.7	482.7	482.7	482.7	482.7	482.7	479.3	479.3	479.3	479.3	479.3	479.3	486	486	486.8	486.8	485.3	485.3	482.5	482.5	482.5	482.5	482.5	482.5
8	486.4	486.4	486.4	486.4	486.4	486.4	480.8	480.8	480.8	480.8	480.8	480.8	486.8	486.8	487.6	487.6	486.8	486.8	485.5	485.5	485.5	485.5	485.5	485.5
9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Single Groups = 12

Group	13	14	15	16	17	18	19	20	21	22	23	24
Tx	34	35	36	34	35	36	34	35	36	34	35	36
1	592.5	597.7	604.5	592.4	598.4	604.4	592.4	598.4	604.4	592.4	598.4	604.4
2	593.5	599.1	605.7	594.6	600.6	606.6	594.6	600.6	606.6	594.6	600.6	606.6
Rx	14, 15, 16	14, 15, 16	14, 15, 16	14	14	14	15	15	15	16	16	16
1	470.1	470.2	470.3	470.2	470.2	470.2	476.2	476.2	476.2	482.2	482.2	482.2
2	470.5	470.7	470.7	470.7	470.7	470.7	476.7	476.7	476.7	482.7	482.7	482.7
3	472.4	474.3	473	471.4	471.4	471.4	477.4	477.4	477.4	483.4	483.4	483.4
4	475.8	475.5	475.5	474.1	474.1	474.1	480.1	480.1	480.1	486.1	486.1	486.1
5	479.5	479.2	481	*	*	*	*	*	*	*	*	*
6	480.9	482.1	482.7	*	*	*	*	*	*	*	*	*
7	483.9	484.6	485.7	*	*	*	*	*	*	*	*	*
8	485.1	487.6	487.6	*	*	*	*	*	*	*	*	*
9	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	*

Groups 25 - 36 are user programmable and are blank initially.

Groups 25 - 36 are user programmable and are blank initially.

TELEX BTR-700/800/825 -vs- BTR-80N

Feature	Telex 700	Telex 800/825		Telex 80N	
	BASE STATION AND SYSTEM FEATURES				
RF FREQUENCY RANGE	518-608, 614-740 MHz	470-608, 614-746 MHz		482-608, 614-722 MHz	
FREQUENCY BANDS	5 (A2, B4, C3, C6 , G9)	18 F1, F2, F3, F4 H1, H2, H3, H4 A2, A3, A4 B3, B4, B6 C3, C4, C6 E88		32 F1, F2, F3, F4, F5, F6 H1, H2, H3, H4, F5, F6 A1, A2, A3, A4, A5, A6 B2, B3, B4, B5, B6 C3, C4, C5, C6 D4, D5, D6 E5, E6	"6" & "G9" BANDS ARE INTENDED FOR SALE AND USE OUTSIDE OF THE USA
TRANSMITTER OCCUPIED BANDWIDTH	100 KHz	100 KHz		25 KHz	
Simultaneous 2 Wire & 4 Wire Operation	NO	YES - Either Channel		YES - Each Channel	
BASE STATION ANTENNA (Supplied)	1/2 Wave	1/2 Wave		1/2 Wave	
FREQUENCY SCANNING	YES ClearScan®	YES ClearScan®		YES ClearScan®	
BASE STATION TRANSMIT POWER	50 & 5mW	100 & 10mW		249, 100, 50 & 10mW	
BASE STATION DUAL TRANSMIT ANTENNA OUTPUT	N/A	OPTIONAL		OPTIONAL	
WARRANTY	3 YRS	3 YRS		3 YRS	
USER ADJUSTABLE SQUELCH CONTROL	NO	NO		YES	
RF METER (Rx SIGNAL STRENGTH)	NO	NO		YES	
BELTPACK BATTERY GAUGE ON BTR DISPLAY	NO	NO		YES	
ABILITY TO TURN OFF TR Tx FROM BTR	NO	NO		YES	
AC or DC POWER OPERATION	YES - KIT	YES - KIT		YES	
AUXILIARY AUDIO ASSIGNABLE	NO	NO		YES	
WIRELESS TALK AROUND - WTA	YES	YES		YES	
STAGE ANNOUNCE - SA	YES	YES		YES	
INTELLIGENT POWER CONTROL (TR Tx POWER)	YES	YES		YES	
FIRST ON - LATCH OUT OPERATION WITH TONE WARNING	NO	NO		YES Tone Defeatable	
SELECTABLE DC POWER FEED ON Rx LINE	NO	NO		YES 9 volts DC	
	BELTPACK FEATURES				
	<u>TR-700</u>	<u>TR-800</u>	<u>TR-825</u>	<u>TR-80N</u>	<u>TR-82N</u>
BELTPACK CONSTRUCTION	METAL DIE CAST MAGNESIUM	METAL DIE CAST MAGNESIUM	METAL DIE CAST MAGNESIUM	METAL DIE CAST MAGNESIUM	METAL DIE CAST MAGNESIUM
BELTPACK BATTERY LIFE (6 AA Alkaline)	14 Hrs	14Hrs	11Hrs	10 Hrs	9 Hrs
BELTPACK BATTERY LIFE (BP-800NM)	11 Hrs	11 Hrs	9.5 Hrs	10 Hrs	8 Hrs
PROGRAMMABLE BUTTONS ON BELTPACK	YES	YES	YES	YES	YES
PROGRAMMING AT BELTPACK	YES	YES	YES	YES	YES
BELTPACK TRANSMIT POWER	AUTO; 5 - 50mW	AUTO; 5 - 50mW	AUTO; 5 - 50mW	AUTO; 5 - 50mW	AUTO; 5 - 50mW
SELECTABLE-	NO	NO	NO	YES - AUTO, 100, 50, 5mW	YES - AUTO, 100, 50, 5mW
BELTPACK LOW BATTERY INDICATOR	YES	YES	YES	YES	YES
BELTPACK LOW BATTERY TONE WARNING	NO	NO	NO	YES	YES Tone Defeatable
ABILITY TO DISPLAY FREQUENCY AT BELTPACK	YES	YES	YES	YES	YES
EXTRA PDA DEVICE REQUIRED FOR PROGRAMMING	NO	NO	NO	NO	NO
BELTPACK TETHERED PROGRAMMING TO BASE STATION	NO	NO	NO	NO	NO
USER ADJUSTABLE SQUELCH CONTROL	NO	NO	NO	YES	YES
RF METER (Rx SIGNAL STRENGTH)	NO	NO	NO	YES	YES