BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

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TERMINATING K CARRIER CABLES

PLANNED SPLICES FOR SUCCESSIVE REPEATER STATIONS (ON QUADDED CABLE ROUTES) TO MINIMIZE RECURRENCE OF SAME TWO K SYSTEMS IN A QUAD

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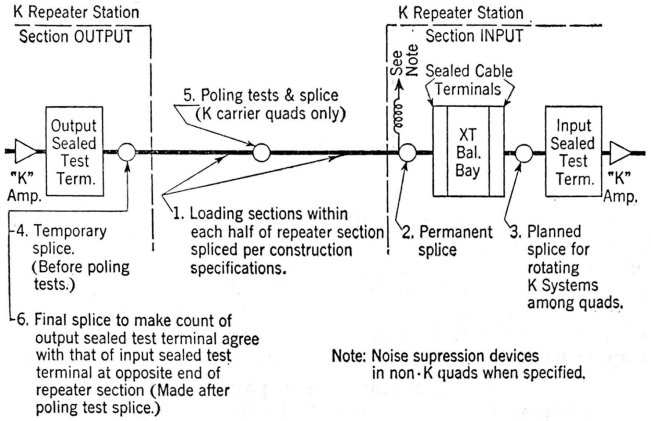
1. GENERAL

1.01 This section describes the types of planned splices used for distributing K system assignments in quadded cable to minimize the number of repeater sections in which any two K systems are associated in the same quad.

1.02 One of these splices is made in each quadded cable repeater section at a point between the sealed cable terminal on the office side of the crosstalk balancing bay and the input sealed test terminal. The following sketch showing the splicing sequence for a quadded cable repeater section, indicates the location of this planned splice as step 3. Instructions covering the other splicing steps are given in other information.



REPEATER SECTION SPLICING SEQUENCE - QUADDED CABLE

1.03 The planned splices are specified to associate: (a) the outside cable pair numbers shown on the sealed cable terminal at the crosstalk balancing bay, and (b) the input sealed test terminal carrier pair count.

1.04 Upon completion of this planned splice in each input quadded cable, the temporary splice (step 4 on sketch), at the output end of the repeater section, is rearranged (step 6 on sketch) to make the carrier pair count of the output sealed test terminal agree with that of the input sealed test terminal of the same section.

1.05 Planned splices of the type covered in this section are not provided in cables of pair construction. In paired cables the splice made at the point corresponding to step 3 on the sketch for quadded cable sections is so arranged that test terminal pair K-1 is spliced to pair 1, K-2 to pair 2 and so on. Upon completion of this splice, the splice at the output office corresponding to steps 4-6 on the sketch is made so that the K-pair count of the output sealed test terminal agrees with that of the input sealed test terminal at the opposite end of the section.

1.06 For convenience and to prevent confusion with other types of poling and planned splices used in constructing a repeater section the planned splices described in this section of practices may be identified as "P-Type Splices for K Repeater Stations."

2. PLANNED SPLICES FOR A 10-QUAD GROUP

2.01 Various considerations make it desirable to develop facilities for K carrier on existing cable routes in groups of 10 quads (20 pairs). The splicing plan for a group of 10 quads constitutes a series of 19 types of splices designated P-1 to P-19. This splicing sequence may be applied in either of two different methods, i.e., by successive repeater sections or by successive offices as discussed below.

(a) **Successive Repeater Sections**—Beginning at a reference point each successive repeater section has assigned to it a splice type in sequence from P-1 to P-19 and repeating the sequence as often as required throughout the route. The type of splice specified for a particular repeater section is applied to the input cables at both ends of the section, if both cables are quadded.

(b) **Successive Offices**—Beginning with a reference point each successive K repeater office is assigned a splice type beginning with P-1 and extending through P-19, repeating the sequence as often as required throughout the route. The type of splice designated for the office is applied to both input cables at that office, if both are quadded.

2.02 Table 1 provides the splicing series for a 10-quad group. The figures in this table are expressed in terms of the first group to be developed, i.e., carrier pairs K-1 to K-20 and cable pairs 1 to 20. When the second and third complements of 10 quads each are developed, the numbers shown on the plan will, of course, correspond respectively to K-21 to K-40, or K-41 to K-60, for both the carrier pair count and the outside cable pair count.

2.03 The type of splice, that is P-1 to P-19, applying to a repeater section or to an office is specified in the general splicing instructions for the particular project.

3. PLANNED SPLICES FOR GROUPS OTHER THAN 10 QUADS

3.01 Frequently, where small cables are involved, the ultimate carrier facilities will not constitute an even multiple of 10 quads. To provide for such cases, splicing plans are given for groups of five to nine quads and 11 to 14 quads. These are shown respectively on Tables 2 to 10 inclusive. Splicing groups of less than five quads are not specified. Any margin of quads from one to four over an even multiple of ten are combined with the ten to form 11 to 14 quad splicing group.

3.02 To distinguish between the plan for these fractional or oversized splicing groups and the 10-quad plan, they are designated by prefixing the number of quads in the group to the splice type, for example, 8P-3, which indicates a splicing group of eight quads and the third type splice in the series. In most cases where they are required, the 10-quad plan will also be used. For instance, if 28 quads are to be terminated for K purposes, the 10-quad plan will be applied to quads 1 to 10, and quads 11 to 20, and the 8-quad plan to quads 21 to 28.

3.03 In Tables 2 to 10 the carrier pair and cable pair count are started with K-1. These numbers, of course, should be adjusted to 21 or 41, corresponding to the actual count in the cables in which they are to be provided.

3.04 Occasionally it may happen that the final carrier complement in a particular route includes an odd side circuit, for example, 15 pairs composed of 7-1/2 quads. In such cases the odd side circuit is designated the highest number and spliced to itself throughout, and the standard seven-quad plan is applied to the remaining seven quads. Such plans are designated by the full number of quads involved in the series.

Table 1

PLAN FOR 10 QUADS (SPLICE TYPES P-1 TO P-19)

Pair Number on Sealed Cable Terminal (at XT Bal. Frame) to Which Jack Circuit on Sealed Test Terminal is to be Connected

Jack Circuit Count at Input Sealed Test Terminal	Planned Splice Type Number: P-																	
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**
K-1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
K-2	2	3	5	7	9	12	14	16	18	20	1	2	4	6	8	10	13	15	17
K-3	3	4	7	10	14	17	20	3	6	9	19	13	16	19	2	5	8	12	15
K-4	4	5	9	14	18	2	6	10	15	19	3	3	7	12	16	20	4	8	13
K-5	5	6	12	17	2	7	13	18	3	8	17	14	19	4	9	15	20	5	10
K-6	6	7	14	20	6	13	19	5	12	18	5	4	10	17	3	9	16	2	8
K-7	7	8	16	3	10	18	5	13	20	7	15	15	2	9	17	4	12	19	6
K-8	8	9	18	6	15	3	12	20	8	17	7	5	14	2	10	19	7	16	4
K-9	9	10	20	9	19	8	18	7	17	6	13	16	5	15	4	14	3	13	2
K-10	10	11	11	11	11	11	11	11	11	11	9	11	11	11	11	11	11	11	11
K-11	11	12	2	13	3	14	4	15	5	16	14	6	17	7	18	8	19	9	20
K-12	12	13	4	16	7	19	10	2	14	5	8	17	8	20	12	3	15	6	18
K-13	13	14	6	19	12	4	17	9	2	15	16	7	20	13	5	18	10	3	16
K-14	14	15	8	2	16	9	3	17	10	4	6	18	12	5	19	13	6	20	14
K-15	15	16	10	5	20	15	9	4	19	14	18	8	3	18	13	7	2	17	12
K-16	16	17	13	8	4	20	16	12	7	3	4	19	15	10	6	2	18	14	9
K-17	17	18	15	12	8	5	2	19	16	13	20	9	6	3	20	17	14	10	7
K-18	18	19	17	15	13	10	8	6	4	2	2	20	18	16	14	12	9	7	5
K-19	19	20	19	18	17	16	15	14	13	12	12	10	9	8	7	6	5	4	3
K-20	20	1	1	1	1	1	1	1	1	1	10	1	1	1	1	1	1	1	1

Table 2

PLAN FOR 5 QUADS (TYPES 5P-1 TO 5P-9)

Jack Circuit Count at Input Sealed Test Terminal	Pair Number on Sealed Cable Terminal (at XT Bal. Frame) to Which Jack Circuit on Sealed Test Terminal is to be Connected Planned Splice Type Number: 5P-								
	1	2	3	4	5	6	7	8	9
K-1	1	1	1	1	1	1	1	1	1
K-2	2	4	6	8	10	9	7	5	3
K-3	3	2	4	6	8	10	9	7	5
K-4	4	6	8	10	9	7	5	3	2
K-5	5	3	2	4	6	8	10	9	7
K-6	6	8	10	9	7	5	3	2	4
K-7	7	5	3	2	4	6	8	10	9
K-8	8	10	9	7	5	3	2	4	6
K-9	9	7	5	3	2	4	6	8	10
K-10	10	9	7	5	3	2	4	6	8

Table 3

PLAN FOR 6 QUADS (TYPES 6P-1 TO 6P-11)

Jack Circuit Count at Input Sealed Test Terminal	Pair Number on Sealed Cable Terminal (at XT Bal. Frame) to Which Jack Circuit on Sealed Test Terminal is to be Connected Planned Splice Type Number: 6P-										
	1	2	3	4	5	6	7	8	9	10	11
K-1	1	1	1	1	1	1	1	1	1	1	1
K-2	2	4	6	8	10	12	11	9	7	5	3
K-3	3	2	4	6	8	10	12	11	9	7	5
K-4	4	6	8	10	12	11	9	7	5	3	2
K-5	5	3	2	4	6	8	10	12	11	9	7
K-6	6	8	10	12	11	9	7	5	3	2	4
K-7	7	5	3	2	4	6	8	10	12	11	9
K-8	8	10	12	11	9	7	5	3	2	4	6
K-9	9	7	5	3	2	4	6	8	10	12	11
K-10	10	12	11	9	7	5	3	2	4	6	8
K-11	11	9	7	5	3	2	4	6	8	10	12
K-12	12	11	9	7	5	3	2	4	6	8	10

Table 4

PLAN FOR 7 QUADS (TYPES 7P-1 TO 7P-13)

Jack Circuit Count at Input Sealed Test Terminal	Pair Number on Sealed Cable Terminal (at XT Bal. Frame) to Which Jack Circuit on Sealed Test Terminal is to be Connected Planned Splice Type Number: 7P-												
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**
K-1	1	1	1	1	1	1	1	1	1	1	1	1	1
K-2	2	4	6	8	10	12	14	13	11	9	7	5	3
K-3	3	2	4	6	8	10	12	14	13	11	9	7	5
K-4	4	6	8	10	12	14	13	11	9	7	5	3	2
K-5	5	3	2	4	6	8	10	12	14	13	11	9	7
K-6	6	8	10	12	14	13	11	9	7	5	3	2	4
K-7	7	5	3	2	4	6	8	10	12	14	13	11	9
K-8	8	10	12	14	13	11	9	7	5	3	2	4	6
K-9	9	7	5	3	2	4	6	8	10	12	14	13	11
K-10	10	12	14	13	11	9	7	5	3	2	4	6	8
K-11	11	9	7	5	3	2	4	6	8	10	12	14	13
K-12	12	14	13	11	9	7	5	3	2	4	6	8	10
K-13	13	11	9	7	5	3	2	4	6	8	10	12	14
K-14	14	13	11	9	7	5	3	2	4	6	8	10	12

Table 5

PLAN FOR 8 QUADS (TYPES 8P-1 TO 8P-15)

Jack Circuit Count at Input Sealed Test Terminal	Pair Number on Sealed Cable Terminal (at XT Bal. Frame) to Which Jack Circuit on Sealed Test Terminal is to be Connected Planned Splice Type Number: 8P-														
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**
K-1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
K-2	2	4	6	8	10	12	14	16	15	13	11	9	7	5	3
K-3	3	2	4	6	8	10	12	14	16	15	13	11	9	7	5
K-4	4	6	8	10	12	14	16	15	13	11	9	7	5	3	2
K-5	5	3	2	4	6	8	10	12	14	16	15	13	11	9	7
K-6	6	8	10	12	14	16	15	13	11	9	7	5	3	2	4
K-7	7	5	3	2	4	6	8	10	12	14	16	15	13	11	9
K-8	8	10	12	14	16	15	13	11	9	7	5	3	2	4	6
K-9	9	7	5	3	2	4	6	8	10	12	14	16	15	13	11
K-10	10	12	14	16	15	13	11	9	7	5	3	2	4	6	8
K-11	11	9	7	5	3	2	4	6	8	10	12	14	16	15	13
K-12	12	14	16	15	13	11	9	7	5	3	2	4	6	8	10
K-13	13	11	9	7	5	3	2	4	6	8	10	12	14	16	15
K-14	14	16	15	13	11	9	7	5	3	2	4	6	8	10	12
K-15	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16
K-16	16	15	13	11	9	7	5	3	2	4	6	8	10	12	14

Table 6

PLAN FOR 9 QUADS (TYPES 9P-1 TO 9P-17)

Pair Number on Sealed Cable Terminal (at XT Bal. Frame) to Which Jack Circuit on Sealed Test Terminal is to be Connected

Jack Circuit Count at Input Sealed Test Terminal	Planned Splice Type Number: 9P-																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
K-1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
K-2	2	4	6	8	10	12	14	16	18	17	15	13	11	9	7	5	3
K-3	3	2	4	6	8	10	12	14	16	18	17	15	13	11	9	7	5
K-4	4	6	8	10	12	14	16	18	17	15	13	11	9	7	5	3	2
K-5	5	3	2	4	6	8	10	12	14	16	18	17	15	13	11	9	7
K-6	6	8	10	12	14	16	18	17	15	13	11	9	7	5	3	2	4
K-7	7	5	3	2	4	6	8	10	12	14	16	18	17	15	13	11	9
K-8	8	10	12	14	16	18	17	15	13	11	9	7	5	3	2	4	6
K-9	9	7	5	3	2	4	6	8	10	12	14	16	18	17	15	13	11
K-10	10	12	14	16	18	17	15	13	11	9	7	5	3	2	4	6	8
K-11	11	9	7	5	3	2	4	6	8	10	12	14	16	18	17	15	13
K-12	12	14	16	18	17	15	13	11	9	7	5	3	2	4	6	8	10
K-13	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	17	15
K-14	14	16	18	17	15	13	11	9	7	5	3	2	4	6	8	10	12
K-15	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	17
K-16	16	18	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14
K-17	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18
K-18	18	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16

Table 7—PLAN FOR 11 QUADS (TYPES 11 P-1 TO 11 P-21)

Jack Circuit Count at Input Sealed Test Terminal	Pair Number on Sealed Cable Terminal (at XT Bal. Frame) to Which Jack Circuit on Sealed Test Terminal is to be Connected — Planned Splice Type Number: 11 P-																				
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**
K-1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
K-2	2	4	6	8	10	12	14	16	18	20	22	21	19	17	15	13	11	9	7	5	3
K-3	3	2	4	6	8	10	12	14	16	18	20	22	21	19	17	15	13	11	9	7	5
K-4	4	6	8	10	12	14	16	18	20	22	21	19	17	15	13	11	9	7	5	3	2
K-5	5	3	2	4	6	8	10	12	14	16	18	20	22	21	19	17	15	13	11	9	7
K-6	6	8	10	12	14	16	18	20	22	21	19	17	15	13	11	9	7	5	3	2	4
K-7	7	5	3	2	4	6	8	10	12	14	16	18	20	22	21	19	17	15	13	11	9
K-8	8	10	12	14	16	18	20	22	21	19	17	15	13	11	9	7	5	3	2	4	6
K-9	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	21	19	17	15	13	11
K-10	10	12	14	16	18	20	22	21	19	17	15	13	11	9	7	5	3	2	4	6	8
K-11	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	21	19	17	15	13
K-12	12	14	16	18	20	22	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10
K-13	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	21	19	17	15
K-14	14	16	18	20	22	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12
K-15	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	21	19	17
K-16	16	18	20	22	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14
K-17	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	21	19
K-18	18	20	22	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16
K-19	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	21
K-20	20	22	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18
K-21	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22
K-22	22	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20

Table 8—PLAN FOR 12 QUADS (TYPES 12 P-1 TO 12 P-23)

Jack Circuit Count at Input Sealed Test Terminal	Pair Number on Sealed Cable Terminal (at XT Bal. Frame) to Which Jack Circuit on Sealed Test Terminal is to be Connected Planned Splice Type Number: 12 P-																					
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**
K-1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
K-2	2	4	6	8	10	12	14	16	18	20	22	24	23	21	19	17	15	13	11	9	7	5	3
K-3	3	2	4	6	8	10	12	14	16	18	20	22	24	23	21	19	17	15	13	11	9	7	5
K-4	4	6	8	10	12	14	16	18	20	22	24	23	21	19	17	15	13	11	9	7	5	3	2
K-5	5	3	2	4	6	8	10	12	14	16	18	20	22	24	23	21	19	17	15	13	11	9	7
K-6	6	8	10	12	14	16	18	20	22	24	23	21	19	17	15	13	11	9	7	5	3	2	4
K-7	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	23	21	19	17	15	13	11	9
K-8	8	10	12	14	16	18	20	22	24	23	21	19	17	15	13	11	9	7	5	3	2	4	6
K-9	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	23	21	19	17	15	13	11
K-10	10	12	14	16	18	20	22	24	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8
K-11	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	23	21	19	17	15	13
K-12	12	14	16	18	20	22	24	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10
K-13	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	23	21	19	17	15
K-14	14	16	18	20	22	24	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12
K-15	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	23	21	19	17
K-16	16	18	20	22	24	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14
K-17	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	23	21	19
K-18	18	20	22	24	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16
K-19	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	23	21
K-20	20	22	24	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18
K-21	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	23
K-22	22	24	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20
K-23	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24
K-24	24	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22

Table 9—PLAN FOR 13 QUADS (TYPES 13P-1 TO 13P-25)

Jack Circuit Count at Input Sealed Test Terminal	Pair Number on Sealed Cable Terminal (at XT Bal. Frame) to Which Jack Circuit on Sealed Test Terminal is to be Connected Planned Splice Type Number: 13 P-																								
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**
K-1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
K-2	2	4	6	8	10	12	14	16	18	20	22	24	26	25	23	21	19	17	15	13	11	9	7	5	3
K-3	3	2	4	6	8	10	12	14	16	18	20	22	24	26	25	23	21	19	17	15	13	11	9	7	5
K-4	4	6	8	10	12	14	16	18	20	22	24	26	25	23	21	19	17	15	13	11	9	7	5	3	2
K-5	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	25	23	21	19	17	15	13	11	9	7
K-6	6	8	10	12	14	16	18	20	22	24	26	25	23	21	19	17	15	13	11	9	7	5	3	2	4
K-7	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	25	23	21	19	17	15	13	11	9
K-8	8	10	12	14	16	18	20	22	24	26	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6
K-9	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	25	23	21	19	17	15	13	11
K-10	10	12	14	16	18	20	22	24	26	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8
K-11	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	25	23	21	19	17	15	13
K-12	12	14	16	18	20	22	24	26	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10
K-13	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	25	23	21	19	17	15
K-14	14	16	18	20	22	24	26	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12
K-15	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	25	23	21	19	17
K-16	16	18	20	22	24	26	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14
K-17	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	25	23	21	19
K-18	18	20	22	24	26	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16
K-19	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	25	23	21
K-20	20	22	24	26	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18
K-21	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	25	23
K-22	22	24	26	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20
K-23	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	25
K-24	24	26	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22
K-25	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26
K-26	26	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24

Table 10—PLAN FOR 14 QUADS (TYPES 14 P-1 TO 14 P-27)

Pair Number on Sealed Cable Terminal (at XT Bal. Frame) to Which Jack Circuit on Sealed Test Terminal is to be Connected

Planned Splice Type Number: 14 P-

Jack Circuit Count at Input Sealed Test Terminal	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
K-1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
K-2	2	4	6	8	10	12	14	16	18	20	22	24	26	28	27	25	23	21	19	17	15	13	11	9	7	5	3
K-3	3	2	4	6	8	10	12	14	16	18	20	22	24	26	28	27	25	23	21	19	17	15	13	11	9	7	5
K-4	4	6	8	10	12	14	16	18	20	22	24	26	28	27	25	23	21	19	17	15	13	11	9	7	5	3	2
K-5	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	28	27	25	23	21	19	17	15	13	11	9	7
K-6	6	8	10	12	14	16	18	20	22	24	26	28	27	25	23	21	19	17	15	13	11	9	7	5	3	2	4
K-7	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	28	27	25	23	21	19	17	15	13	11	9
K-8	8	10	12	14	16	18	20	22	24	26	28	27	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6
K-9	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	28	27	25	23	21	19	17	15	13	11
K-10	10	12	14	16	18	20	22	24	26	28	27	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8
K-11	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	28	27	25	23	21	19	17	15	13
K-12	12	14	16	18	20	22	24	26	28	27	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10
K-13	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	28	27	25	23	21	19	17	15
K-14	14	16	18	20	22	24	26	28	27	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12
K-15	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	28	27	25	23	21	19	17
K-16	16	18	20	22	24	26	28	27	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14
K-17	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	28	27	25	23	21	19
K-18	18	20	22	24	26	28	27	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16
K-19	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	28	27	25	23	21
K-20	20	22	24	26	28	27	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18
K-21	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	28	27	25	23
K-22	22	24	26	28	27	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20
K-23	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	28	27	25
K-24	24	26	28	27	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22
K-25	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	28	27
K-26	26	28	27	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24
K-27	27	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26	28
K-28	28	27	25	23	21	19	17	15	13	11	9	7	5	3	2	4	6	8	10	12	14	16	18	20	22	24	26