

POLE LINES
INSPECTION 74 H

7400 Pound Fibre Strength
Heavy Storm Loading Area
Toll and Exchange Poles

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1. MINIMUM CIRCUMFERENCES

1.01 The dimensions shown in each inspection table are the minimum circumferences of sound wood at the ground line, failing to meet which a pole should normally be considered inadequate.

1.02 Each table is set up to indicate the minimum circumferences in inches for each combination of wire load, pole length and span length. In referring to the tables the wire load should be taken as that existing at the time of the inspection, together with any expected increase in load before the next inspection.

1.03 The circumferences as measured by the inspector do not allow for hollow heart or pockets in the pole. Where such defects exist, suitable deductions should be made as indicated in Section G21.315, in order to determine the ground line measurement for purposes of comparison with the minimum circumferences in the tables.

1.04 In determining which poles require attention the inspector should compare the corrected circumference measurements, paragraph 1.03, with the appropriate minimum circumferences from

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the tables, making due allowance for probable decay before the next inspection.

2. WIRE LOAD REFERENCE

2.01 For cable and combination lines (i.e., for all lines not used exclusively for telephone wires on crossarms), the EQUIVALENT WIRE LOAD should be computed in terms of effective 104 telephone wires, and reference made to the tables by means of the LEFT HAND COLUMNS.

2.02 For open wire lines used exclusively for telephone wires on crossarms, the ACTUAL WIRE LOAD should be obtained by direct count and reference made to the tables by means of the RIGHT HAND COLUMNS.



POLE LINE INSPECTION TABLE 74 H-A

7400 Pound Fibre Strength Heavy Storm Loading Area Class A Line—Toll—Open Wire or Cable

Equivalent Wire Load Effective Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Actual Wire Load Total Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
1-4	16	11	11½	12	12½	13	13½	15	16	16	1-4
	20	12½	13	13½	14	14½	15½	16½	17½	20	
	25	13½	14	14½	15½	16	16½	18	19	25	
	30	14½	15	16	16½	17½	18	19½	20½	30	
	35	16	16½	17	17½	18½	19½	20½	22	35	
	40	17	17½	18	19	19½	20½	22	23	40	
	45	17½	18	19	20	20½	21½	23	24½	45	
	50	19	19½	20½	21	22	23	24	25½	50	
	60	21	21½	22	23	24	24½	26	27½	60	
	70	22½	23	23	24½	25½	26	28	29	70	
5-10	16	14½	15½	16	17	17½	18½	20	21½	16	5-15
	20	16½	17	18	18½	19½	20½	22	23½	20	
	25	18	18½	19½	20½	21½	22½	24	25½	25	
	30	19½	20	21	22	23	24	26	27½	30	
	35	20½	21	22½	23½	24½	25½	27½	29½	35	
	40	22	22½	23½	24½	26	27	29	31	40	
	45	23	23½	25	26	27	28½	30½	32½	45	
	50	24	24½	26	27	28½	29½	31½	33½	50	
	60	26	27	28	29	30½	32	34	36½	60	
	70	28	28½	30	31	32½	33½	36	38	70	
		100	110	130	150	175	200	250	300		

INSPECTION TABLE 74 H-A—(Continued)

Equivalent Wire Load	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Actual Wire Load
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
11-14	16	16	16½	17½	18	19	20	21½	23	16	16-20
	20	18	18½	19½	20½	21½	22½	24	26	20	
	25	19½	20	21½	22½	23½	24½	26½	28	25	
	30	21	22	23	24	25½	26½	28½	30	30	
	35	22½	23½	24½	25½	27	28	30	32½	35	
	40	24	24½	26	27	28½	30	32	34	40	
	45	25	26	27½	28½	30	31	33½	35½	45	
	50	26½	27	28½	30	31½	32½	35	37	50	
	60	28½	29½	31	32	33½	35	37½	40	60	
	70	30	31	32½	34	35½	37	39½	42	70	
15-17	16	16½	17½	18	19	20	21	22½	24	16	21-25
	20	19	19½	20½	21½	22½	23½	25½	27½	20	
	25	20½	21½	22½	23½	24½	26	27½	29½	25	
	30	22½	23	24½	25½	26½	28	30	32	30	
	35	24	24½	26	27	28½	29½	32	34	35	
	40	25½	26	27½	28½	30½	31½	34	36½	40	
	45	26½	27½	29	30	31½	33	35½	38	45	
	50	28	28½	30	31½	33	34½	37	39½	50	
	60	30	31	32½	34	35½	37	39½	42	60	
	70	32	33	34½	36	37½	39	42	44½	70	
18-20	16	17½	18	19	20	21	21½	23½	25	16	26-30
	20	19½	20½	21½	22½	23½	24½	26½	28½	20	
	25	21½	22	23½	24½	26	27	29	31	25	
	30	23½	24	25½	26½	28	29	31½	33½	30	
	35	25	25½	27	28½	30	31	33½	35½	35	
	40	26½	27½	29	30	31½	33	35½	38	40	
	45	27½	28½	30	31½	33	34½	37	39½	45	
	50	29	30	31½	33	34½	36	39	41½	50	
	60	31½	32½	34	35½	37	39	41½	44½	60	
	70	33½	34	36	37½	39½	41	44	47	70	
		100	110	130	150	175	200	250	300		

INSPECTION TABLE 74 H-A—(Continued)

Equivalent Wire Load Effective Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Actual Wire Load Total Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
21-24	20	20½	21½	22½	23½	24½	26	27½	29½	20	31-35
	25	22½	23½	24½	26	27	28½	30½	32½	25	
	30	24½	25½	26½	28	29½	30½	33	35½	30	
	35	26½	27	28½	30	31½	33	35½	38	35	
	40	28	29	30½	32	33½	35	37½	40	40	
	45	29½	30	32	33½	35	36½	39½	42	45	
	50	31	31½	33½	35	36½	38	41	44	50	
	60	33	34	36	37½	39½	41	44	47	60	
	70	35	36	38	39½	41½	43½	46½	49½	70	
	25-27	20	21	21½	23	24	25½	26½	28½	30½	
25		23½	24	25½	26½	28	29	31½	33½	25	
30		25	26	27½	29	30½	31½	34	36½	30	
35		27	28	29½	31	32½	34	36½	39	35	
40		29	29½	31½	33	34½	36	39	41½	40	
45		30½	31½	33	34½	36½	38	40½	43½	45	
50		31½	32½	34½	36	38	39½	42½	45	50	
60		34½	35½	37	38½	40½	42½	45½	48½	60	
70		36	37½	39½	41	43	45	48½	51½	70	
28-30		20	21½	22	23½	24½	26	27	29	31	20
	25	24	24½	26	27	28½	30	32	34½	25	
	30	26	27	28½	29½	31	32½	35	37	30	
	35	28	28½	30½	31½	33½	35	37½	40	35	
	40	29½	30½	32½	34	35½	37	40	42½	40	
	45	31	32	34	35½	37	39	42	44½	45	
	50	32½	33½	35½	37	39	40½	44	46½	50	
	60	35½	36½	38	40	42	44	47	50	60	
	70	37½	38½	40½	42½	44½	46½	50	53½	70	
			100	110	130	150	175	200	250	300	

INSPECTION TABLE 74 H-A—(Continued)

Equivalent Wire Load	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Actual Wire Load
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
31-34	20	22	23	24	25½	26½	28	30	32	20	46-50
	25	24½	25½	27	28	29½	31	33	35½	25	
	30	27	27½	29½	30½	32	33½	36	38½	30	
	35	29	29½	31½	33	34½	36	39	41½	35	
	40	31	31½	33½	35	37	38½	41½	44	40	
	45	32½	33	35	37	38½	40½	43½	46½	45	
	50	34	35	37	38½	40½	42	45½	48½	50	
	60	36½	37½	39½	41½	43½	45½	49	52	60	
70	38½	40	42	44	46	48	52	55	70		
35-37	25	25	26	27½	28½	30	31½	33½	36	25	51-55
	30	27½	28	30	31	33	34½	37	39½	30	
	35	29½	30½	32	33½	35½	37	39½	42½	35	
	40	31½	32½	34	36	37½	39½	42½	45	40	
	45	33	34	36	37½	39½	41½	44½	47½	45	
	50	34½	35½	37½	39½	41½	43	46½	50	50	
	60	37	38½	40½	42½	44½	46½	50	53½	60	
	70	39½	41	43	45	47½	49½	53	56½	70	
38-40	25	25½	26	27½	29	30½	31½	34	36½	25	56-60
	30	27½	28½	30½	31½	33½	35	37½	40	30	
	35	30	31	32½	34	36	37½	40½	43½	35	
	40	32	33	35	36½	38½	40	43	46	40	
	45	33½	34½	37	38½	40½	42	45½	48½	45	
	50	35½	36½	38½	40½	42½	44	47½	50½	50	
	60	38	39½	41½	43½	45½	47½	51	54½	60	
	70	40½	41½	44	46	48½	50½	54½	58	70	
		100	110	130	150	175	200	250	300		

POLE LINE INSPECTION TABLE 74 H-B

7400 Pound Fibre Strength Heavy Storm Loading Area Class B Line—Toll—Open Wire Only

Equivalent Wire Load Effective Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches									L'gth of Pole in Feet	Actual Wire Load Total Tel. Wires
		Length of Span in Feet										
		100	110	130	150	175	200	250	300			
1-4	16	9½	10	10½	11	11½	12	13	14	16	1-4	
	20	11	11	11½	12½	13	13½	14½	15½	20		
	25	12	12	13	13½	14	14½	15½	16½	25		
	30	13	13½	14	14½	15	15½	17	18	30		
	35	14	14	15	15½	16	17	18	19	35		
	40	15	15	16	16½	17	18	19	20	40		
	45	15½	16	16½	17½	18	19	20	21	45		
	50	16½	17	17½	18½	19	20	21	22	50		
	60	18½	18½	19½	20	21	21½	23	24	60		
	70	19½	20	20½	21½	22½	23	24½	25½	70		
5-10	16	13	13½	14	14½	15½	16	17½	18½	16	5-15	
	20	14½	15	15½	16½	17	18	19½	20½	20		
	25	15½	16	17	18	18½	19½	21	22½	25		
	30	17	17½	18½	19	20	21	22½	24	30		
	35	18	18½	19½	20½	21½	22½	24	25½	35		
	40	19	19½	20½	21½	22½	23½	25½	27	40		
	45	20	20½	21½	22½	23½	24½	26½	28½	45		
	50	21	21½	22½	23½	24½	26	27½	29½	50		
	60	23	23½	24½	25½	26½	27½	29½	31½	60		
	70	24½	24½	26	27	28	29½	31½	33½	70		
		100	110	130	150	175	200	250	300			

INSPECTION TABLE 74 H-B—(Continued)

Equivalent Wire Load Effective Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Actual Wire Load Total Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
11-14	16	14	14½	15	16	17	17½	19	20	16	16-20
	20	15½	16	17	18	19	19½	21	22½	20	
	25	17	17½	18½	19½	20½	21½	23	24½	25	
	30	18½	19	20	21	22	23	24½	26½	30	
	35	19½	20½	21½	22½	23½	24½	26½	28½	35	
	40	21	21½	23	23½	25	26	28	30	40	
	45	22	22½	24	25	26	27	29	31	45	
	50	23	23½	25	26	27½	28½	30½	32½	50	
	60	25	25½	27	28	29½	30½	33	35	60	
	70	26½	27	28½	29½	31	32½	34½	36½	70	
15-17	16	14½	15	16	16½	17½	18½	19½	21	16	21-25
	20	16½	17	18	19	20	20½	22	24	20	
	25	18	18½	19½	20½	21½	22½	24	26	25	
	30	19½	20	21	22	23½	24½	26	28	30	
	35	21	21½	22½	23½	25	26	28	30	35	
	40	22	23	24	25	26½	27½	29½	32	40	
	45	23	24	25	26½	27½	29	31	33	45	
	50	24½	25	26½	27½	29	30	32½	34½	50	
	60	26½	27	28½	29½	31	32½	34½	37	60	
	70	28	28½	30	31½	33	34	36½	39	70	
18-20	16	15	15½	16½	17½	18	19	20½	22	16	26-30
	20	17	17½	19	19½	20½	21½	23	24½	20	
	25	19	19½	20½	21½	22½	23½	25½	27	25	
	30	20½	21	22	23½	24½	25½	27½	29½	30	
	35	22	22½	23½	24½	26	27	29	31	35	
	40	23	24	25	26½	27½	29	31	33	40	
	45	24	25	26½	27½	29	30½	32½	34½	45	
	50	25½	26	27½	29	30½	31½	34	36	50	
	60	27½	28½	29½	31	32½	34	36½	39	60	
	70	29	30	31½	33	34½	36	38½	41	70	
		100	110	130	150	175	200	250	300		

INSPECTION TABLE 74 H-B—(Continued)

Equivalent Wire Load Effective Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Actual Wire Load 'Total Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
21-24	20	18	18½	19½	20½	21½	22½	24	26	20	31-35
	25	19½	20½	21½	22½	23½	24½	26½	28½	25	
	30	21½	22	23½	24½	25½	27	29	31	30	
	35	23	23½	25	26	27½	29	31	33	35	
	40	24½	25	26½	27½	29	30½	33	35	40	
	45	25½	26½	28	29	30½	32	34½	36½	45	
	50	27	27½	29	30½	32	33½	36	38½	50	
	60	29	30	31½	33	34½	36	38½	41	60	
	70	30½	31½	33	34½	36½	38	40½	43½	70	
25-27	20	18½	19	20	21	22	23	25	26½	20	36-40
	25	20½	21	22	23½	24½	25½	27½	29½	25	
	30	22	23	24	25	26½	27½	30	32	30	
	35	23½	24½	25½	27	28½	29½	32	34	35	
	40	25	26	27½	28½	30	31½	34	36½	40	
	45	26½	27½	29	30	31½	33	35½	38	45	
	50	27½	28½	30	31½	33	34½	37	39½	50	
	60	30	31	32½	34	35½	37	40	42½	60	
	70	31½	32½	34½	36	37½	39	42	45	70	
28-30	20	19	19½	20½	21½	22½	23½	25½	27	20	41-45
	25	21	21½	22½	23½	25	26	28	30	25	
	30	22½	23½	24½	26	27	28½	30½	32½	30	
	35	24½	25	26½	27½	29	30½	33	35	35	
	40	26	27	28½	29½	31	32½	35	37½	40	
	45	27	28	29½	31	32½	34	36½	39	45	
	50	28½	29½	31	32½	34	35½	38½	40½	50	
	60	31	31½	33½	35	36½	38½	41	44	60	
	70	32½	33½	35½	37	39	40½	43½	46½	70	
		100	110	130	150	175	200	250	300		

INSPECTION TABLE 74 H-B—(Continued)

Equivalent Wire Load Effective Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Actual Wire Load Total Tel. Wires		
		Length of Span in Feet											
		100	110	130	150	175	200	250	300				
31-34	20	19½	20	21	22	23½	24½	26	28	20	46-50		
	25	21½	22	23½	24½	25½	27	29	31	25			
	30	23½	24	25½	27	28	29½	31½	34	30			
	35	25	26	27½	28½	30	31½	34	36½	35			
	40	27	27½	29	30½	32	33½	36	38½	40			
	45	28½	29	30½	32	33½	35½	38	40½	45			
	50	29½	30½	32	33½	35½	37	39½	42½	50			
	60	32	33	34½	36½	38	39½	42½	45½	60			
	70	33½	35	36½	38½	40½	42	45	48	70			
	35-37	25	22	22½	24	25	26	27½	29½	31½		25	51-55
30		24	24½	26	27	28½	30	32	34½	30			
35		25½	26½	28	29½	31	32	34½	37	35			
40		27½	28½	30	31½	33	34½	37	39½	40			
45		29	29½	31½	33	34½	36	38½	41½	45			
50		30	31	33	34½	36	37½	40½	43½	50			
60		32½	33½	35½	37	39	40½	44	46½	60			
70		34½	35½	37½	39½	41½	43	46½	49½	70			
38-40		25	22	23	24	25	26½	27½	30	32	25	56-60	
		30	24	25	26½	27½	29	30½	33	35	30		
	35	26	27	28½	30	31½	33	35½	38	35			
	40	28	29	30½	32	33½	35	37½	40	40			
	45	29½	30½	32	33½	35½	36½	39½	42½	45			
	50	31	32	33½	35	37	38½	41½	44	50			
	60	33½	34½	36½	38	40	41½	44½	47½	60			
	70	35½	36½	38½	40	42	44	47½	50½	70			
			100	110	130	150	175	200	250	300			

POLE LINE INSPECTION TABLE 74 H-C

**7400 Pound Fibre Strength
Heavy Storm Loading Area**

Class C Line { Toll—Open Wire Only
Exchange—Open Wire or Cable

Equivalent Wire Load Effective Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Actual Wire Load Total Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
1-4	16	9	9	9½	10	10½	11	12	12½	16	1-4
	20	10	10	10½	11	11½	12	13	14	20	
	25	11	11	11½	12	13	13½	14	15	25	
	30	11½	12	12½	13	14	14½	15½	16½	30	
	35	12½	13	13½	14	14½	15½	16½	17½	35	
	40	13½	14	14½	15	15½	16½	17½	18½	40	
	45	14	14½	15	15½	16½	17	18	19½	45	
	50	15	15½	16	16½	17½	18	19	20	50	
	60	16½	17	17½	18	19	19½	21	22	60	
	70	18	18	19	19½	20	20½	22	23	70	
5-10	16	11½	12	13	13½	14	14½	16	17	16	5-15
	20	13	13½	14	15	15½	16½	17½	18½	20	
	25	14	14½	15½	16	17	17½	19	20½	25	
	30	15½	16	16½	17½	18	19	20½	22	30	
	35	16½	17	17½	18½	19½	20½	22	23	35	
	40	17½	18	19	19½	20½	21½	23	24½	40	
	45	18	18½	19½	20½	21½	22½	24	25½	45	
	50	19	19½	20½	21½	22½	23½	25	26½	50	
	60	20½	21½	22	23	24	25	27	29	60	
	70	22	22½	23½	24½	25½	26½	28½	30½	70	
		100	110	130	150	175	200	250	300		

INSPECTION TABLE 74 H-C—(Continued)

Equivalent Wire Load	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Actual Wire Load Total Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
11-14	16	12½	13	14	14½	15	16	17	18½	16	16-20
	20	14	14½	15½	16	17	18	19	20½	20	
	25	15½	16	17	17½	18½	19½	21	22½	25	
	30	17	17½	18½	19	20	21	22½	24	30	
	35	18	18½	19½	20½	21½	22½	24	25½	35	
	40	19	19½	20½	21½	22½	23½	25½	27	40	
	45	20	20½	21½	22½	23½	24½	26½	28½	45	
	50	21	21½	22½	23½	25	26	28	29½	50	
	60	22½	23½	24½	25½	26½	28	30	31½	60	
	70	24	24½	26	27	28	29½	31½	33½	70	
15-17	16	13½	13½	14½	15	16	16½	18	19	16	21-25
	20	15	15½	16½	17	18	18½	20	21½	20	
	25	16½	17	18	18½	19½	20½	22	23½	25	
	30	17½	18	19½	20	21	22	24	25½	30	
	35	19	19½	20½	21½	22½	23½	25½	27	35	
	40	20	21	22	23	24	25	27	29	40	
	45	21	21½	23	24	25	26	28	30	45	
	50	22	22½	24	25	26	27½	29½	31	50	
	60	24	24½	26	27	28	29½	31½	33½	60	
	70	25	26	27	28½	30	31	33½	35½	70	
18-20	16	14	14	15	15½	16½	17	18½	20	16	26-30
	20	15½	16	17	18	18½	19½	21	22½	20	
	25	17	17½	18½	19½	20½	21½	23	24½	25	
	30	18½	19	20	21	22	23	25	26½	30	
	35	20	20½	21½	22½	23½	24½	26½	28	35	
	40	21	21½	23	24	25	26	28	30	40	
	45	22	22½	24	25	26	27½	29½	31½	45	
	50	23	24	25	26	27½	28½	31	32½	50	
	60	25	26	27	28	29½	31	33	35½	60	
	70	26½	27	28½	30	31½	32½	35	37	70	
		100	110	130	150	175	200	250	300		

INSPECTION TABLE 74 H-C—(Continued)

Equivalent Wire Load Effective Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Actual Wire Load Total Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
21-24	20	16½	17	17½	18½	19½	20½	22	23½	20	31-35
	25	18	18½	19½	20½	21½	22½	24	25½	25	
	30	19½	20	21	22	23½	24½	26	28	30	
	35	21	21½	22½	23½	25	26	28	30	35	
	40	22	23	24	25	26½	27½	29½	31½	40	
	45	23	24	25½	26½	28	29	31	33	45	
	50	24½	25	26½	27½	29	30½	32½	35	50	
	60	26	27	28½	30	31½	32½	35	37	60	
	70	28	28½	30	31½	33	34½	37	39½	70	
	25-27	20	17	17	18	19	20	21	22½	24	
25		18½	19	20	21	22	23	25	26½	25	
30		20	21	22	23	24	25	27	29	30	
35		21½	22	23½	24½	26	27	29	31	35	
40		23	23½	25	26	27½	28½	31	33	40	
45		24	25	26	27½	29	30	32½	34½	45	
50		25	26	27½	28½	30	31½	33½	36	50	
60		27	28	29½	30½	32½	33½	36	38½	60	
70		28½	29½	31	32½	34	35½	38½	41	70	
28-30		20	17	17½	18½	19½	20½	21½	23	24½	20
	25	19	19½	20½	21½	22½	23½	25½	27½	25	
	30	20½	21½	22½	23½	24½	26	28	29½	30	
	35	22	23	24	25	26½	27½	29½	31½	35	
	40	23½	24½	25½	27	28	29½	31½	34	40	
	45	24½	25½	27	28	29½	31	33	35½	45	
	50	26	26½	28	29½	31	32½	35	37	50	
	60	28	29	30½	31½	33½	35	37½	39½	60	
	70	29½	30½	32	33½	35½	37	39½	42½	70	
			100	110	130	150	175	200	250	300	

INSPECTION TABLE 74 H-C—(Continued)

Equivalent Wire Load Effective Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Actual Wire Load Total Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
31-34	20	17½	18	19	20	21	22	23½	25½	20	46-50
	25	19½	20	21½	22	23½	24½	26½	28	25	
	30	21½	22	23	24½	25½	26½	28½	30½	30	
	35	23	23½	25	26	27½	28½	31	33	35	
	40	24½	25	26½	28	29	30½	33	35	40	
	45	25½	26½	28	29	30½	32	34½	37	45	
	50	27	27½	29	30½	32	33½	36	38½	50	
	60	29	30	31½	33	34½	36	38½	41½	60	
70	30½	31½	33½	35	36½	38	41	43½	70		
35-37	25	20	20½	21½	22½	23½	25	26½	28½	25	51-55
	30	21½	22½	23½	24½	26	27	29½	31	30	
	35	23	24	25½	26½	28	29	31½	33½	35	
	40	25	26	27	28½	30	31	33½	36	40	
	45	26	27	28½	30	31½	32½	35	37½	45	
	50	27½	28	30	31½	33	34	37	39½	50	
	60	29½	30½	32	33½	35½	37	39½	42½	60	
	70	31½	32½	34	35½	37½	39	42	45	70	
38-40	25	20	21	22	23	24	25	27	29	25	56-60
	30	22	23	24	25	26½	27½	29½	31½	30	
	35	23½	24½	26	27	28½	30	32	34½	35	
	40	25½	26	27½	29	30½	32	34	36½	40	
	45	26½	27½	29	30½	32	33½	36	38½	45	
	50	28	29	30½	32	33½	35	37½	40	50	
	60	30	31	33	34½	36	37½	40½	43½	60	
	70	32	33	35	36½	38½	40	43	46	70	
		100	110	130	150	175	200	250	300		

POLE LINE INSPECTION TABLE 74 H-R
7400 Pound Fibre Strength
Heavy Storm Loading Area
Class R Line—Exchange—Open Wire Only—
Maximum of 10 Wires

Equivalent Wire Load Effective Tel. Wires	L'gth of Pole in Feet	Minimum Ground Line Circumferences in Inches								L'gth of Pole in Feet	Actual Wire Load Total Tel. Wires
		Length of Span in Feet									
		100	110	130	150	175	200	250	300		
1-4	16	7½	8	8½	8½	9	9½	10½	11	16	1-4
	20	8½	9	9½	10	10	10½	11½	12	20	
	25	9½	9½	10	10½	11	11½	12½	13	25	
	30	10	10½	11	11½	12	12½	13½	14	30	
	35	11	11½	12	12½	13	13½	14½	15	35	
	40	12	12	12½	13	13½	14	15	16	40	
	45	12½	12½	13	13½	14½	15	16	17	45	
	50	13	13½	14	14½	15	16	16½	17½	50	
	60	14½	15	15½	16	16½	17	18	19	60	
	70	15½	15½	16½	17	17½	18	19	20	70	
5-10	16	10	10½	11	11½	12	13	14	14½	16	5-10
	20	11½	12	12½	13	13½	14	15½	16½	20	
	25	12½	13	13½	14	15	15½	16½	17½	25	
	30	13½	14	14½	15	16	16½	18	19	30	
	35	14½	14½	15½	16	17	17½	19	20½	35	
	40	15	15½	16½	17	18	19	20	21½	40	
	45	16	16½	17	18	19	19½	21	22½	45	
	50	16½	17	18	19	19½	20½	22	23½	50	
	60	18	18½	19½	20	21	22	23½	25	60	
	70	19	19½	20½	21½	22½	23	25	26½	70	
		100	110	130	150	175	200	250	300		