

QUIPU AS207 A

Museum identification: C14459 (Museum of Science, Buffalo, New York)

Main Cord: W

- \$ 8.0 cm: 1s knot then pendant cord (1), then space of 11.5 cm
- 20.0 cm: group of 10 pendant cords (2-11),
- 23.0 cm: group of 7 pendant cords (12-18),
- 24.0 cm: group of 8 pendant cords (19-26),
- 25.0 cm: group of 7 pendant cords (27-33),
- 26.5 cm: group of 14 pendant cords (34-47),
- 29.0 cm: group of 9 pendant cords (48-56),
- 30.5 cm: group of 6 pendant cords (57-62),
- 31.0 cm: group of 6 pendant cords (63-68),
- 32.0 cm: group of 8 pendant cords (69-76),
- 33.0 cm: group of 6 pendant cords (77-82) tied with top cord (T1),
- 33.5 cm: group of 6 pendant cords (83-88) tied with top cord (T2),
- 34.0 cm: group of 6 pendant cords (89-94) tied with top cord (T3),
- 34.5 cm: group of 6 pendant cords (95-100) tied with top cord (T4),
- 35.0 cm: group of 6 pendant cords (101-106) tied with top cord (T5),
- 35.5 cm: group of 6 pendant cords (107-112) tied with top cord (T6),
- 36.5 cm: group of 6 pendant cords (113-118) tied with top cord (T7),
then space of 1.0 cm
- 38.5 cm: group of 6 pendant cords (119-124) tied with top cord (T8),
- 39.5 cm: group of 6 pendant cords (125-130) tied with top cord (T9),
then space of 3.0 cm in which AS207B and AS207C are tied
around the main cord,

43.5 cm: group of 6 pendant cords (131-136) tied with top cord (T10),
 44.0 cm: group of 6 pendant cords (137-142),
 45.0 cm: group of 17 pendant cords (143-159),
 47.5 cm: group of 5 pendant cords (160-164),
 48.0 cm: group of 5 pendant cords (165-169),
 48.5 cm: group of 4 pendant cords (170-173),
 49.0 cm: group of 6 pendant cords (174-179),
 50.0 cm: group of 6 pendant cords (180-185), then marker (M1),
 51.0 cm: group of 6 pendant cords (186-191), then 2 markers (M2,M3),
 52.0 cm: group of 4 pendant cords (192-195), then space of 45.0 cm
 97.5 cm: end \$

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1 ¹	-	0.5b	KB:BB	?	
2	2L(15.0)	33.0¢	KB:BB	2	1:12.5
2s1	-	18.0¢	YB	0	
3	1E(19.0)	24.0b	KB:BB	1	
4	-	0.5b	KB:BB	?	
5	-	34.0¢	KB:BB	0	
6	1s(7.5); 5L(13.5)	21.5b	KB:BB	15	
7	2L(16.0)	34.0¢	KB:BB	2	
8	-	0.5b	KB:BB	?	
9	-	30.0¢	KB:BB	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
10	8L(15.0)	17.0b	KB:BB	8	
11	1s(11.0);2L(17.0)	29.0b	KB:BB	12	
12	-	45.0¢	MB:YB	0	
13	1s(8.0);2L(17.0)	17.5b	MB:YB	12	
14	5s(9.0);7L(17.0)	35.0¢	MB:YB	57	
15	8L(16.0);1E(29.0)	30.0b	MB:YB	8&1	
16	1E(27.0);1E(31.0)	41.0¢	MB:YB	0&1&1	
17	6L(17.0)	41.0¢	MB:YB	6	
18	8s(11.0);3L(17.0)	31.0¢	MB:YB	83	
19	1s(11.0);4L(18.0)	30.0¢	YG:W	14	
20	1s(7.0);1s(11.0);2L(17.0)	33.0¢	YG:W	112	
21	-	34.0¢	YG:W/ MB:YG	0	
22	1s(7.0);3L(14.0)	33.0¢	YG:W	13	
23	7s(9.0);9L(15.0)	19.0¢	YG:W	79	
24	9L(12.0)	25.0¢	YG:W	9	
25	-	36.0¢	YG:W	0	
26	1s(8.0);1E(15.0)	35.0¢	YG:W	11	
27	1E(11.0)	35.0¢	MB:YB	1	
28	2L(15.0)	35.0¢	MB:YB	2	
29	-	35.0¢	MB:YG	0	
30	2s(8.0);5L(12.5)	29.5¢	MB:YG	25	
31	-	38.0¢	MB:YG	0	
32 ²	3s(12.0);1E(19.0)	34.0¢	MB:YG	31	

Cord	Knots (no., type, position)	Length	Color Value	Subsidiaries (no., position)
33	3L(15.0)	35.0¢	MB:YB	3
34	1E(12.0)	35.0¢	MB:YB	1
35	-	39.0¢	MB:YB	0
36	9L(12.0)	30.0¢	MB:YB	9
37	1E(11.0)	35.0¢	MB:YB	1
38	-	39.0¢	MB:YB	0
39	9L(18.0)	33.0¢	MB:YB	9
40	1E(13.0)	38.0¢	MB:YB	1
41	-	39.0¢	MB:YB	0
42	-	39.0¢	MB:YB	0
43	7L(13.0)	32.0¢	MB:YB	7
44	-	37.0¢	MB:YB	0
45	-	38.0¢	MB:YB	0
46	1s(10.0);2L(17.0)	37.0¢	MB:YB	12
47	1s(14.0)	39.0¢	MB:YB	10
48	1E(12.0);9L(14.0)	28.0¢	MB:KB	1&9
49	1E(12.0);9L(14.0)	26.0¢	MB:KB	1&9
50	1E(12.0);9L(14.0)	25.0¢	MB:KB	1&9
51	1E(12.0);9L(14.0)	26.0¢	KB:W	1&9
52	1E(12.0);9L(14.0)	27.0¢	KB:W	1&9
53	1E(12.0);9L(14.0)	26.0¢	KB:W	1&9
54	1E(12.0);9L(14.0)	26.0¢	W	1&9
55	1E(12.0);9L(14.0)	30.0¢	W	1&9

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
56	1E(12.0);9L(14.0)	29.0¢	W	1&9	
57	1E(14.0)	37.0¢	MB:YG	1	
58	9L(13.0)	34.0¢	MB:YG	9	1:24.0
58s1	3L(5.0)	12.0¢	KB:BB	3	
59	1E(14.0)	31.0¢	MB:YG	1	
60	9L(14.0)	34.0¢	MB:YG	9	1:25.0
60s1	2L(5.0)	15.0¢	KB:BB	2	
61	1E(14.0)	43.0¢	MB:YG	1	
62	9L(14.0)	35.0¢	MB:YG	9	1:26.0
62s1	1E(5.0)	7.0¢	KB:BB	1	
63	1E(12.0)	33.0¢	MB:YB	1	
64	9L(13.0)	29.0¢	MB:YB	9	1:23.0
64s1	2L(5.0)	14.0¢	KB:BB	2	
65	1E(13.0)	31.0¢	MB:YB	1	
66	9L(14.0)	32.0¢	MB:YB	9	1:28.0
66s1	2L(4.0)	17.0¢	KB:BB	2	
67	1E(14.0)	32.0¢	MB:YB	1	1:27.0
68	9L(14.0)	32.0¢	MB:YB	9	
68s1	3L(4.0)	4.5b	KB:BB	3	
69	1s(8.0);1E(13.0)	45.0¢	W	11	
70	1s(8.5);2L(14.5)	45.5¢	W	12	
71 ³	9L(14.0)	28.0¢	MB:YB	9	1:21.0
71s1	3L(3.5)	13.5¢	YB	3	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
72	-	40.0¢	MB:YB	0	
73	-	41.0¢	MB:YB	0	
74	1s(9.0);2L(14.5)	45.5¢	KB:W	12	1:35.5
74s1	2L(3.0)	10.0b	YB	2	
75	-	9.0b	KB:W	?	
76	-	46.0¢	KB:W	0	
77	9L(10.0)	27.0b	YB:W	9	
78	-	32.0¢	YB:W	0	
79	1s(6.0);1E(9.5)	29.5	YB:W	11	2:4.0
79s1	-	1.0b	CB	?	
79s2	9L(2.5)	6.5¢	YB	9	
80	7s(8.0);9L(12.0)	19.0¢	YB:W	79	
81	-	23.0b	YB:W	0	
82	1s(7.5);3L(11.0)	29.0¢	YB:W	13	
T1 ⁴	-	22.0¢	YB:W	0	
T2	-	31.0¢	MB/W (6.0/)	0	
83	1E(9.0)	32.0¢	MB/W (6.0/)	1	
84	-	30.0¢	MB/W (6.0/)	0	
85	1E(11.0)	30.0¢	MB/W (6.0/)	1	2:12.0
85s1	-	1.0b	CB	?	
85s2	-	11.0¢	YB	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
86	9L(10.0)	23.0¢	MB/W (6.0/)	9	
87	-	31.0¢	MB/W (6.0/)	0	
88	-	34.0¢	MB/W (6.0/)	0	
T3	-	36.0¢	MB	0	
89	1E(8.0)	33.0¢	MB	1	
90	-	32.0	MB	0	
91	1E(8.0)	31.0¢	MB	1	2:9.0
91s1	-	1.0b	CB	?	
91s2	-	11.0¢	YB	0	
92	9L(8.5)	26.5¢	MB	9	
93	-	30.0¢	MB	0	
94	1E(8.0)	34.0¢	MB	1	
T4	-	34.0¢	MB:W	0	
95	1E(8.0)	31.0¢	MB:W	1	
96	-	32.0¢	MB:W	0	
97	-	34.0¢	MB:W	0	2:9.0
97s1	-	0.5b	CB	?	
97s2	-	12.0¢	MB	0	
98	9L(9.0)	25.0¢	MB:W	9	
99	-	32.0¢	MB:W	0	
100	-	31.0¢	MB:W	0	
T5	-	33.0¢	W	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
101	1E(8.0)	37.0¢	W	1	
102	-	43.0¢	W	0	
103	-	37.0¢	W	0	2:9.0
103s1	-	0.5b	CB	?	
103s2	2L(3.0)	11.0¢	MB	2	
104	9L(8.0)	33.0¢	W	9	
105	-	43.0¢	W	0	
106	1E(7.0)	27.0¢	W	1	
T6	-	34.0¢	MB/W (6.0/)	0	
107	1E(7.0)	30.0¢	MB/W (6.0/)	1	
108	-	34.0¢	MB/W (6.0/)	0	
109	2L(7.0)	33.5¢	MB/W (6.0/)	2	1:8.5
109s1	2L(3.0)	8.0¢	MB	2	
110	2L(7.0)	28.0¢	MB/W (6.0/)	9	
111	-	32.0¢	MB/W (6.0/)	0	
112	3L(8.0)	30.0¢	MB/W (6.0/)	3	
T7	-	34.0¢	DB	0	
113	1E(7.0)	37.0¢	DB	1	
114	-	44.0¢	DB	0	
115	2L(7.0)	47.0¢	DB	2	1:9.0

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
115s1	1E(3.0)	8.0¢	MB	1	
116	9L(8.0)	38.0¢	DB	9	
117	-	44.0¢	DB	0	
118	2L(8.0)	46.0¢	DB	2	
T8	-	7.0b	KB:BB:W	?	
119	1E(7.0)	29.0b	KB:BB:W	1	
120	-	42.0¢	KB:BB:W	0	
121	1E(7.0)	30.0	KB:BB:W	1	2:8.0
121s1	-	0.5b	CB	?	
121s2	2L(4.0)	10.0¢	MB	2	
122	9L(8.0)	32.0¢	KB:BB:W	9	
123	-	32.0	KB:BB:W	0	
124	2L(7.0)	37.0	KB:BB:W	2	
T9	-	34.0¢	KB:BB:W	0	
125	1E(6.0)	36.0¢	KB:BB:W	1	
126	-	36.0¢	KB:BB:W	0	
127	2L(6.0)	10.0b	KB:BB:W	2	2:7.0
127s1	-	0.5b	CB	?	
127s2	-	12.0¢	MB	0	
128	9L(7.0)	14.0b	KB:BB:W	9	
129	-	14.0b	KB:BB:W	0	
130	3L(7.0)	12.0b	KB:BB:W	3	
T10	-	42.0¢	KB:BB:W	0	
131	1E(6.0)	18.0b	KB:BB:W	1	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
132	-	34.0¢	KB:BB:W	0	
133	2L(6.0)	34.0¢	KB:BB:W	2	2:7.0
133s1	-	0.5b	CB	?	
133s2	2L(3.0)	10.0¢	MB	2	
134	9L(7.0)	17.0¢	KB:BB:W	9	
135	-	34.0¢	KB:BB:W	0	
136	1E(6.0)	36.0¢	KB:BB:W	1	
137	1E(13.0)	35.0¢	MB:YG	1	
138	-	36.0¢	MB:YG	0	
139	1E(13.0)	34.0¢	MB:YG	1	
140	9L(13.0)	28.0¢	MB:YG	9	
141	-	36.0¢	MB:YG	0	
142	-	32.0¢	MB:YG	0	
143	9s(7.5)	23.5¢	W	90	
144	1E(12.0)	24.0¢	MB	1	
145	1E(12.0)	25.0¢	MB	1	
146	-	30.0¢	YB:W	0	
147	1E(11.0)	27.0¢	YB:W	1	
148	7L(11.0)	24.0¢	YB:W	7	1:8.0
148s1	1E(3.0)	7.0¢	W	1	
149	-	31.0¢	YB:W	1	
150	7L(14.0)	14.5b	KB:BB	7	1:10.0
150s1	3L(3.0)	12.0¢	W	3	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
151	1E(12.0)	31.0¢	MB/W (5.0/)	1	
152	9L(12.0)	26.0	MB/W (5.0/)	9	1:10.0
152s1	2L(3.0)	9.0¢	W	2	
153	-	34.0¢	MB:W	0	
154	7L(13.0)	31.0¢	KB:W	7	1:13.0
154s1	2L(3.0)	11.0	W	2	
155	1s(11.0)	17.0b	KB:BB	10	
156	3L(14.0)	18.0b	KB:BB	3	
157	1s(13.0)	32.0b	MB:YG	10	
158	2L(14.0)	18.0b	KB:W	2	
159	1E(14.0)	28.0b	KB:W	1	
160	-	8.0b	DB:KB	?	
161	9L(9.0);1E(13.0)	19.0b	DB:KB	9&1	
162	9L(8.0);1E(11.5)	16.5b	DB:KB	9&1	
163	2s(9.0);7L(11.5)	12.0b	DB:KB	27	1:2.0
163s1	3L(12.0)	17.0¢	W	3	
164	9L(8.0);1E(11.0)	13.0b	DB:KB	9&1	
165 ⁵	-	8.0b	KB:W	?	
166	1E(12.0)	33.0	KB:W	1	
167 ⁵	-	12.0b	KB:W	?	
168 ⁵	-	8.0b	KB:W	?	
169	9L(12.0)	28.0b	KB:W	9	1:12.0

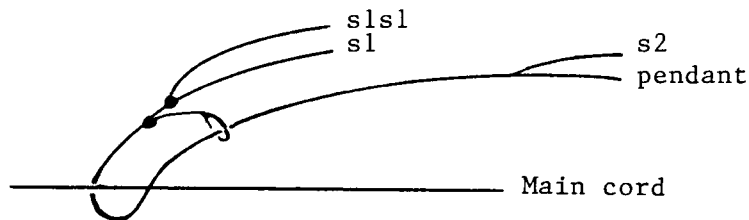
Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
169s1	3L(3.0)	9.0b	W	3	
170	1E(13.0)	29.0¢	MB:YG	1	
171	1E(13.0)	30.0¢	MB:YG	1	
172	-	32.0¢	MB:YG	0	
173	1E(13.0)	30.0¢	MB:YG	1	
174	1s(7.0)	34.0¢	MB	10	
175	1s(7.0)	33.0¢	MB	10	
176	1E(11.5)	28.5¢	MB/W (5.0/)	1	
177	1s(7.0)	31.0¢	MB	10	
178	1s(7.0)	28.0¢	MB	10	
179	1s(7.0)	33.0¢	MB	10	
180	9L(8.0);1E(11.5)	24.5¢	BB:W	9&1	1:18.5
180s1	-	3.0b	BB:W	?	
181	9L(7.0);1E(10.5)	21.5¢	BB:W	9&1	1:17.5
181s1	-	4.0¢	BB:W	0	
182 ⁶	9L(9.0);1E(12.5)	30.5¢	BB:W	9&1	0.0, 20.5
182s1	5s(11.0);4L(14.0)	24.0¢	BB:W	54	1:0.5
182s1s1	6L(14.0)	25.0¢	KB:W	6	
182s2	-	5.0¢	BB:W	0	
183	9L(9.0);1E(13.0)	30.0¢	BB:W	9&1	1:21.0
183s1	1E(5.0)	7.0	BB:W	1	
184	9L(9.0);1E(13.0)	35.0¢	BB:W	9&1	1:21.0
184s1	4L(3.0)	8.0¢	BB:W	4	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
185	9L(9.0);1E(13.0)	33.0¢	BB:W	9&1	1:21.0
185s1	2L(4.0)	11.0¢	BB:W	2	
M1 ⁷	-	30.0¢	MB	-	
186	9L(12.0)	25.0¢	MB	9	
187	6L(13.0)	24.0¢	MB	6	
188	1s(9.0)	27.0¢	MB	10	
189	1s(9.0)	30.0¢	MB	10	
190	1s(9.0)	31.0¢	MB	10	
191	1E(12.0)	30.0¢	MB	1	
M2 ⁷	-	110.0¢	YG:W	-	
M3 ⁷	-	32.0¢	MB:W	-	
192	-	5.0b	DB:KB	?	
193	-	9.0b	DB:KB	?	
194	-	11.0b	DB:KB	?	
194s1	1s(3.0)	12.0¢	W	10	
195	-	12.0b	DB:KB	?	

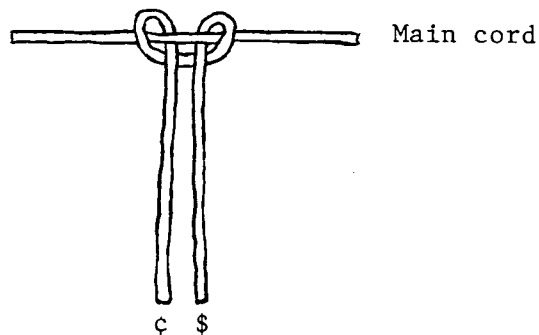
Observations

1. Construction Note: The attachment is loose so that the pendant is movable. It may be associated with the first group of pendants.
2. Construction Note: The pendant attachment is irregular.
3. Construction Note: The pendant is formed into a loop at 26.0 cm.

4. Construction Note: The top cord is tied through the pendants so that it emanates from the right side of the pendant group. All other top cords on this quipu are tied so that they emanate from the left side of the pendant group.
5. A 3.0 cm cord fragment found with this group is color KB:W and has 1E knot at 1.0 cm. It is probably part of pendant 165,167, or 168.
6. Construction Note: The pendant appears to have been added after the quipu was completed. The other pendants in the group are tight and immediately adjacent to each other. This pendant is tied over them and tightly attached. Although listed as a subsidiary, one of the cords attached to it may be a top cord since the cord is tied through the pendant attachment loop.



7. Construction Note: M1, M2, M3 are exceptionally thick cords. M2 is attached as follows:



8. The quipu can be viewed as in 3 parts. There is a single pendant then, by spacing, Part I is 9 groups of 6 to 14 pendants each, Part II is 10 groups each consisting of 6 pendants united by a top cord, and Part II is 9 groups of 4 to 17 pendants each.

Part I **a)** Group 2 has 7 pendants united by spacing and color. The 4th and 5th pendants in the group have double units values. Keeping these unit values distinct, the first 6 pendants sum to 83&2&1. The value on the 7th pendant is 83. Thus

$$P_{127} = \sum_{i=1}^6 P_{12i}.$$

b) Group 3 has 8 pendants united by spacing and color. The value of the second pendant is the sum of the next 6 pendants, that is,

$$P_{132} = \sum_{i=3}^8 P_{13i}.$$

Although in a different order, these 6 values are the same as those in the first group of Part II:

$$P_{133} = P_{212}; P_{134} = P_{216}; P_{135} = P_{214}; P_{13,i+5} = P_{21i} \text{ for } i=1,2,3.$$

Since we hypothesize that the P_{21i} are sums of the next 9 groups in Part II, P_{132} would be a sum of sums.

c) The first 6 pendants of Group 5 have the values 1,0,9,1,0,9. The 9 pendants of group 6 are separated by color into 3 groups of 3. Each of the 9 cords have the value

1&9. The next 2 groups have 6 pendants each. Both groups have the values 1,9 repeated 3 consecutive times.

d) Although the groups have 6 to 14 pendants each by spacing, within these, by color and values, there are subgroupings of 3 or 6 pendants. The 7 pendants in Group 2 are 6 values followed by their sum and the last 6 pendants in Group 3 are summed on the pendant preceeding them. By values, the 14 pendants in Group 5 seem to be subgroups of 6,6, and 2. By color Group 6 is 3 subgroups of 3 each, Group 7 is 6 pendants, Group 8 is 6 pendants, and the 8 pendants in Group 9 are grouped by color into 2,3,3.

Part II **a)** Each of these 10 groups is 6 pendants united by a top cord.

b) The top cords on Groups 2 to 10 emanate from the right of the pendants they unite. The top cord in Group 1 emanates from the left.

c) In each group, the pendants and top cord are the same color. Groups 2 and 4 share one color; Groups 8,9,10 share one color; and each of Groups 1,3,5,6,7 is a different color.

d) The values on Groups 2 to 10 are quite similar. On all, position 1 has value 1; position 2 is zero-valued; position 3 has value 0,1, or 2; position 4 has value 9; position 5 is zero-valued; and position 6 has value 0,1,2, or 3. The third position is the only one with subsidiaries. In each group it has 1 or 2 subsidiaries, one or none of color CB (values unknown as always broken), and one of YB or MB

(values 0,1, or 2). Group 1 sums Groups 2-10. The summation is exact in 5 of the 6 pendant positions and off by 2 in position 4. It is also exact on one of the subsidiary positions and, due to breakage, unknown on the other. So,

$$P_{21j} = \sum_{i=2}^{10} P_{2ij}$$

j = 1,2,3,5,6, 3sub2
 j = 4 off by 2
 j = 3sub1 probably but unknown due to breakage.

e) Although arranged differently, the values in Part II Group 1 are the same as those in Part I Group 3. (See observation b with Part I above).

f) Between Groups 9 and 10, there are 2 smaller quipus tied to the main cord. We hypothesize that this was preplanned as there is space on the main cord between these 2 groups but not between other adjacent groups.

Part III **a)** The first group of pendants have values similar to those in Part II. There, Groups 2-10 had values 1,0,0-2,9,0,0-3; here the values are 1,0,1,9,0,0. However, this group has no subsidiaries or top cord.

b) All of the pendants in Group 7 are the same color, each has the same color subsidiary, and each has the value 9&1. Since the superimposed cord shares these characteristics, we interpret it as a member of the group. We interpret the cord appended to its attachment loop as a top cord. Assuming the double units positions are distinct, the value of the top cord is the sum of the values of the pendants in the group:

$$6 \times (9\&1) = 54_3.$$

c) A similar summation appears in Group 3:

$$3 \times (9\&1) = 27_3.$$

9. The values 9 and 1 play an important role on this quipu and the 2 smaller associated quipus. There are repetitions of 9&1, 1&9, [1,0,9], [1,9] and 9 consecutive groups with values [1,0,9]. The sums of these 9 groups are repeated in two different places. (Curiously, the one value that is an incorrect sum sums 9 9's). Also, Parts I & II consist of 9 groups each and Part II has 9 groups and 1 sum group.

QUIPU AS207B

Museum identification: C14459 (Museum of Science, Buffalo, New York)

Main Cord: W

§ 8.0 cm: group of 17 pendants (1-17), then space of 2.0 cm

12.0 cm: b

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1	1E(4.0);9L(13.0)	15.0¢	W	1&9	1:6.0
1s1	1E(7.0)	13.0	W	1	
2	1E(4.0);9L(14.0)	16.0	W	1&9	1:6.0
2s1	2L(7.0)	9.5¢	W	2	
3	1E(5.0);9L(15.0)	18.0¢	W	1&9	1:7.0
3s1	2L(6.0)	8.0¢	W	2	
4	1E(3.0);6L(7.5)	8.0b	KB:W	1&6	1:5.0
4s1	4L(6.0)	7.0¢	W	4	
5	1E(4.0);7L(10.0)	13.0	KB:W	1&7	1:7.0
5s1	2L(6.0)	10.0	W	2	
6	1E(4.0);8L(10.5)	11.5	KB:W	1&8	1:7.5
6s1	1E(6.0)	13.0	W	1	
7	1E(5.0);8L(15.0)	16.0b	YB	1&8	1:8.0
7s1	1E(5.5)	10.5	W	1	
8	1E(4.0);8L(14.5)	17.5¢	YB	1&8	1:7.5
8s1	-	8.0¢	W	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
9	1E(5.0);9L(15.0)	19.0	YB	1&9	1:8.0
9s1	3L(5.0)	8.0¢	W	3	
10	1s(12.0);9L(19.0)	29.0¢	YB	19	
11	1s(12.0);6L(19.0)	30.0¢	YB	16	
12	1s(8.0)	35.0¢	YB	10	
13	1s(12.0);3L(18.5)	33.5¢	YB	13	2:31.5
13s1	3L(2.0)	8.0¢	YB	3	
13s2	2L(3.0)	7.0¢	YB	2	
14	-	30.0b	W	0	
15	-	48.0¢	W	0	
16	-	43.0¢	W	0	
17	-	43.0¢	W	0	

Observations

1. By color, subsidiary placement, and knot form the quipu is in two parts. The first part consists of 3 groups of 3 pendants each. Each of these nine pendants has 1 white subsidiary and two positions of unit knots. The pendants are associated into groups by color: 3 W, 3 KB:W, 3 YB. The second part consists of 4 pendants of color YB with values 10-19 followed by 4 pendants of color W all with value 0.

QUIPU AS207C

Museum identification: C14459 (Museum of Science, Buffalo, New York)

Main Cord: W

- \$ 18.0 cm: group of 6 pendant cords (1-6), then space of 17.0 cm
 36.0 cm: group of 4 pendant cords (7-10), then space of 0.5 cm
 37.0 cm: group of 4 pendant cords (11-14), then space of 8.0 cm
 45.5 cm: end ϕ

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1	9L(10.0);1E(12.0)	27.0	MB:W	9&1	
2	9L(10.0);1E(12.0)	38.0 ϕ	MB:W	9&1	
3	9L(10.0);1E(12.0)	23.0b	MB:W	9&1	
4	9L(10.0);1E(13.0)	17.0 ϕ	KB:W	9&1	
5	-	3.0b	KB:W	?	
6	9L(10.0);1E(12.0)	20.0b	KB:W	9&1	
7	1s(15.0)	22.0b	MB	1?	
8	-	18.0b	MB	? (<10)	
9	3L(24.0)	30.0	MB	3	
10	7L(23.0);1E(33.0)	37.0 ϕ	MB	7&1	
11	1s(14.0)	22.0b	MB	1?	
12	2L(25.0)	33.0 ϕ	MB	2	
13	3L(24.0)	42.0 ϕ	MB	3	
14	4L(25.0)	32.0 ϕ	MB	4	

Observations

1. By spacing, the quipu is separated into two parts. The first part is 6 pendants, 3 MB:W followed by 3 KB:W, each with two positions of units knots and the values 1&9. The second part is two groups of 4 pendants each. Only one of them has a double units knot. The rest of them have values 0-19.
2. AS207B and C have some similarities. Both are groups of 3 by color followed by groups of 4. AS207B is 3 groups of 3 then 2 groups of 4. AS207C is 2 groups of 3 then 2 groups of 4. The values in the groups of 3 are made up of double units knots. On AS207B they are all 1 followed by 6-9 while on AS207C they are all 9 followed by 1. On both the groups of 4 have values 0-20.