

QUIPU AS100

Museum identification: No. VA47070 (Museum für Völkerkunde, Berlin)

Main cord: color BB-W

§ 0.0: cord* (1), then space of 0.5 cm.

0.5 cm: group of 6 pendant cords (2-7), then space of 6.5 cm.

9.5 cm: group of 9 pendant cords (8-16), then space of 1.0 cm.

12.5 cm: group of 10 pendant cords (17-26), then space of 2.5 cm.

17.5 cm: group of 10 pendant cords (27-36), then space of 1.5 cm.

21.5 cm: group of 9 pendant cords (37-45), then space of 1.0 cm.

24.5 cm: group of 10 pendant cords (46-55), then space of 1.5 cm.

28.5 cm: group of 8 pendant cords (56-63), then space of 11.5 cm.

42.0 cm: group of 3 pendant cords (64-66), then space of 113.0 cm.

156.0 cm: end ç

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1	2s(5.0);5s(12.0);9L(19.0)	26.0ç	W	259	1:0.5
1s1	3s(5.0);6s(12.0);5L(18.5)	43.0ç	GØ	365	
2	8s(6.5);1E(12.5)	37.5ç	W	81	1:0.5
2s1	5s(7.5);4L(12.5)	38.0ç	DB	54	
3	3s(6.5);8L(14.0)	24.0ç	W	38	1:0.5
3s1	6s(6.0)	20.5ç	DB	60	
4	3s(6.0);1E(11.0)	41.0ç	B	31	1:0.5
4s1	6s(6.0);1E(10.5)	18.5ç	DB	61	
5	4s(7.0);2L(14.0)	55.0	W	42	1:0.5
5s1	6s(7.5)	41.0ç	DB	60	
6	3s(6.5);1E(16.5)	37.0ç	DB	31	1:0.5

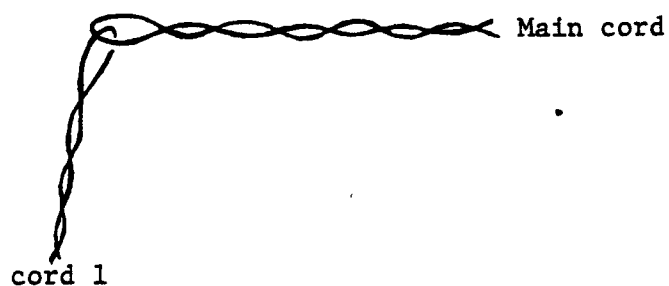
Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
6s1	7s(7.0)	23.0¢	DB	70	
7	3s(6.5);6L(16.0)	25.5¢	B	36	1:0.5
7s1	6s(6.5)	29.0¢	DB	60	
8	1s(3.0);5L(9.5)	18.0b	B	15	
9	1s(3.0);2L(9.5)	40.0¢	B	12	
10	1s(2.5);3L(8.5)	23.0b	B	13	
11	8L(11.0)	29.5¢	B	8	
12	8L(10.5)	35.0¢	B	8	
13	8L(9.5)	31.0¢	B	8	
14	1s(3.5);1E(11.5)	38.5¢	B	11	
15	6L(10.5)	27.0¢	B	6	
16	5L(11.0)	31.5¢	B	5	
17	--	45.0¢	DB	0	
18	8L(10.0)	33.5¢	W	8	
19	4L(10.0)	32.0¢	BB	4	
20	5L(8.5)	29.5¢	BB	5	
21	4L(8.0)	32.0¢	BB	4	
22	3L(8.0)	29.5¢	BB	3	
23	2L(8.0)	29.5¢	BB	2	
24	4L(9.0)	28.0¢	BB	4	
25	3L(9.0)	32.5¢	BB	3	
26	6L(9.0)	28.5¢	BB	6	
27	5L(9.0)	39.0¢	B	5	
28	4L(8.5)	44.0¢	B	4	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
29	2L(9.0)	39.0¢	B	2	
30	2L(9.5)	38.5¢	B	2	
31	2L(8.5)	39.0¢	B	2	
32	1E(9.5)	41.5¢	B	1	
33	4L(9.0)	39.0¢	B	4	
34	3L(9.0)	38.5¢	B	3	
35	2L(10.0)	42.5¢	B	2	
36	6L(10.0)	38.5¢	B	6	
37	7L(8.5)	25.5¢	W	7	
38	4L(8.5)	31.5¢	W	4	
39	7L(9.5)	39.5¢	W	7	
40	5L(8.5)	32.0¢	W	5	
41	3L(9.0)	40.5¢	W	3	
42	3L(9.5)	40.0¢	W	3	
43	4L(9.5)	30.5¢	W	4	
44	2L(9.5)	31.5¢	W	2	
45	7L(10.5)	41.0¢	W	7	
46	2L(9.0)	44.5¢	W	2	
47	5L(9.5)	40.0¢	W	5	
48	2L(10.0)	43.0¢	W	2	
49	6L(9.5)	35.5¢	W	6	
50	2L(9.5)	36.0¢	W	2	
51	4L(11.0)	43.0¢	W	4	
52	5L(10.5)	37.0¢	W	5	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
53	1E(11.0)	44.5ç	W	1	
54	3L(10.0)	46.0ç	W	3	
55	5L(9.0)	41.5ç	W	5	
56	3L(8.5)	26.0b	B	3	
57	9L(9.5)	31.0ç	B	9	
58	1E(9.5)	37.5ç	B	1	
59	3L(10.0)	41.5ç	B	3	
60	5L(10.0)	30.5ç	B	5	
61	8L(10.5)	31.0ç	W	8	
62	5L(10.0)	36.0ç	W	5	
63	2L(10.0)	37.5ç	W	2	
64	--	43.0ç	B	0	
65	--	43.5ç	B	0	
66	--	22.0b	B	0	

Observations

- 1.* Construction note: The twisted end of cord 1 is linked through the twisted end of the main cord so that it dangles from the end of the main cord.



2. This is one of several quipus acquired by the Museum in 1907 with provenance Ica. The quipus with this designation are AS100, AS103, AS105, AS109, AS115-117, AS120, AS123, AS126, AS129, AS135, AS138, AS141-143, AS146, AS150, AS152, AS161-162, AS164, AS166, AS171, AS179-180.
3. By spacing, the quipu is separated into 3 parts. A single cord dangles from the end of the main cord, then part 1 is 1 group of 6 pendants, part 2 is 6 groups of 8-10 pendants each, and part 3 is 1 group of 3 pendants. Each pendant in part 1 has one subsidiary which is DB.
4. a) The values of the 6 pendants in part 1 are the sums of the values of the 6 corresponding groups in part 2. (Four of the sums are exact, but on 2 of them, the values on the first and fifth pendants, are less than the group sums by 5 and 4 respectively.)
- b) The value of the first single cord is the sum of the values of the pendants in part 1. Similarly, the value on its subsidiary is the sum of the values on the subsidiary cords of part 1.
5. In part 2, some of the sums of values in corresponding positions in the 6 groups are equal to each other. Some of the sums are equal to the sums of corresponding groups. Specifically,

$$\left. \begin{array}{l} \sum_{i=1}^6 P_{i2} = \sum_{j=1}^{10} P_{2j} \\ \sum_{i=1}^6 P_{i4} = \sum_{j=1}^9 P_{4j} \end{array} \right\} \text{ and } \left\{ \begin{array}{l} \sum_{i=1}^6 P_{i3} = \sum_{i=1}^6 P_{i7} \\ \sum_{i=1}^6 P_{i5} = \sum_{i=1}^6 P_{i6} \\ \sum_{i=1}^6 P_{i8} = \sum_{i=1}^6 P_{i,10} \end{array} \right.$$