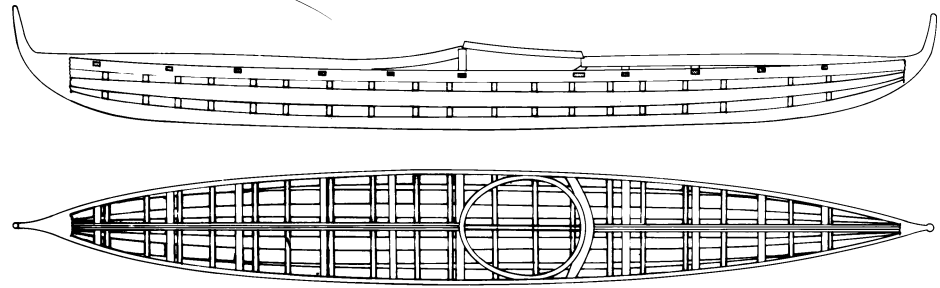
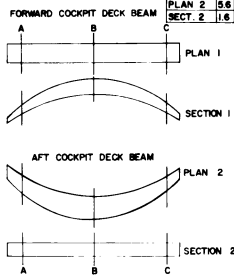


OFFSETS - CENTIMETERS TO OUTSIDE OF SKIN

SECTIONS	STEM	24	25	34	40	50	60	70	80	90	100	110	126	STEM
DECKRIDGE	51.8	31.8	34.4	30.8	29.2	21.5	31.8	31.5	30.9	49.5				
SHEER		24.7	23.6	21.8	20.3	20.0	20.5	21.4	23.5	23.5				
GUNWALE		20.0	17.4	14.9	13.5	13.0	13.3	14.0	18.8	22.5				
CHINE 1		14.6	8.0	4.5	3.5	3.0	3.5	5.0	10.5	20.5				
KEELSON		11.5	5.1	2.2	0.2	0.0	1.0	3.4	8.5	17.8				
DECKRIDGE		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
SHEER		6.8	13.5	20.5	23.3	24.0	22.2	18.0	9.6	2.7				
GUNWALE		5.8	12.0	18.5	21.5	22.0	20.0	16.0	8.6	2.5				
CHINE 2		5.0	11.0	16.5	19.5	19.5	18.0	15.0	8.3	2.5				
CHINE 1		4.2	9.0	12.0	12.1	12.0	12.0	11.5	7.9	2.1				
KEELSON		2.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.0				

THIS KAYAK IS A SHORT BUT ADULT-SIZED VERSION OF THE CLASSIC MACKENZIE-ESKIMO KAYAK. THE 1913-1916 CANADIAN ARCTIC EXPEDITION PHOTOGRAPHS SHOW THIS KAYAK IN USE FOR TENDING FISHING NETS SET CLOSE INSHORE.

DECKBEAM	A	B	C
PLAN 1	3.9	4.2	3.9
SECT. 1	1.5	2.0	1.5
PLAN 2	3.6	2.5	3.6
SECT. 2	1.6	2.0	1.6



MACKENZIE DELTA KAYAK

NATIONAL MUSEUM OF MAN,
OTTAWA, ONTARIO

N.M.M. IV-D-105B
 LENGTH 388.5 12' 9"
 BEAM 48.0 18 9"
 DEPTH TO SHEER 25.2 9 9"
 WEIGHT 15.0 kg 33.1 lbs
 SCALE 1:8 (CENTIMETERS)
 L.W.L. (LOAD WATER LINE) BASED ON 68 kg MAN SEATED 220.0 cm FROM BOW
 DISPLACEMENT TO SHEER 225.0 kg 496.1 lbs
 C.P. 61
 THEORETICAL TOP SPEED 4.2 KNOTS
 LOADED KAYAK UNSTABLE AT 10° HEEL
 LINES AND CONSTRUCTION DETAILS
 SHEET 1 OF 1
 LINES TAKEN OFF BY DAVID W. ZIMMERLY
 JULY 1977
 DRAFTED BY DANIEL M. McCLINTON, 1981