1944 Wellman Engineering
Pedestal mounted, lattice boom, barge crane.

Radius Ft. Center of Rotation.	Hook Elevation Ft. above WL.	Gross Capacity 62 Tons.
Main Block		
44	100	124,400lbs
55	95	124,400lbs
65	88	124,400lbs
73	81	124,400lbs
75	79	115,000lbs
80	73	97,000lbs
85	65	80,000lbs
88	60	72,000lbs
Small Block		
55	137	33,600lbs
70	130	33,600lbs
80	123	33,600lbs
90	116	33,600lbs
100	106	33,600lbs
110	97	33,600lbs

NOTES
Barge beam with tire fendering is **62 feet wide X 120 feet long**.
Distance from center of rotation to either side of the barge is **31 feet.**
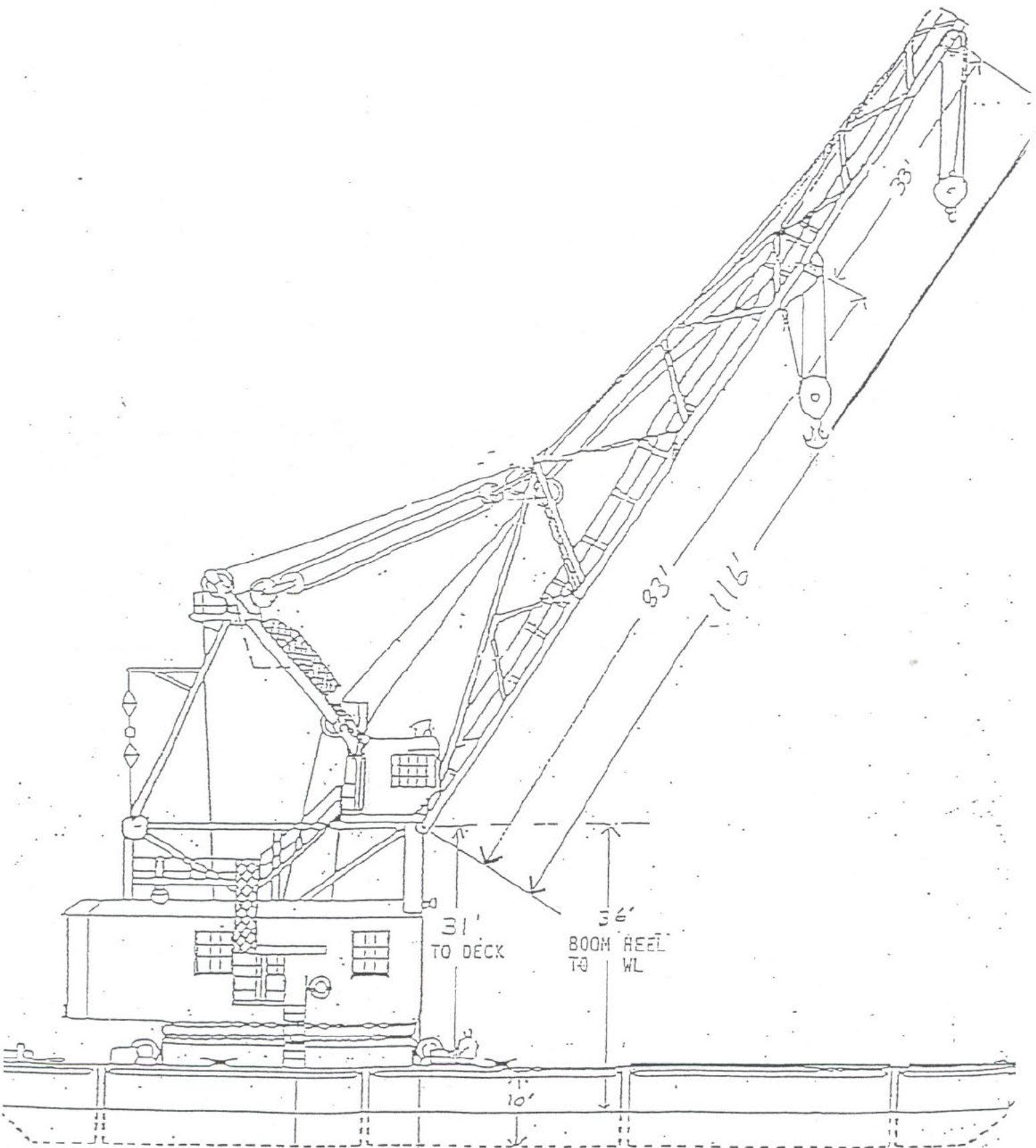Distance from center of rotation to the aft end of the barge is **36 feet.**
Distance from the center of rotation to the forward end of the barge is **84 feet**.
All limits/ capacities are for 360 degree rotation.
Main hook, when boomed to maximum upper angle will hang 13 feet below the boom. Must consider hook/ship interference when calculating whip line reach .
Deductions.
Main Block 6600lbs. Aux Block 2300lb

33'

83'

116'

31'
TO DECK

36'
BOOM HEEL
TO WL

10'

36'
EAR OF BARGE TO CENTER PIN

14'
₵ PIN TO HEEL

FLOATING CRANE
BARGE 60' X 120' W/O FENDERING