

HULL CONSTRUCTION PROCESS LANES

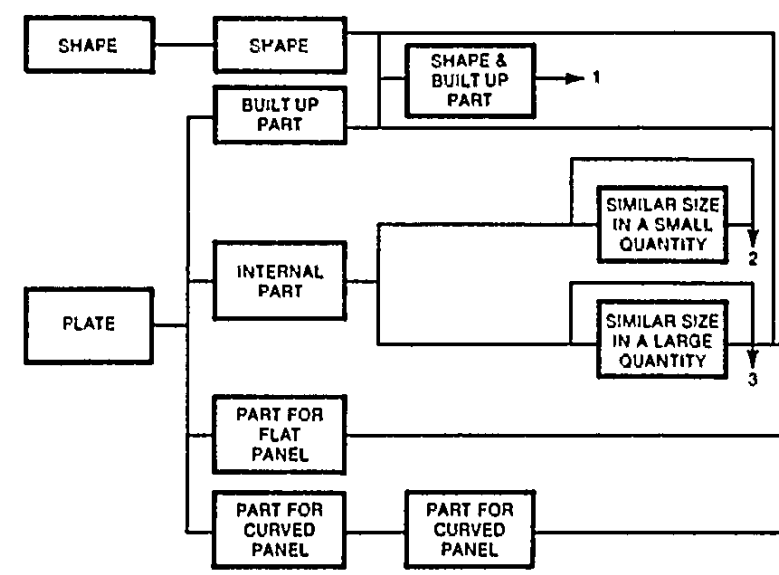
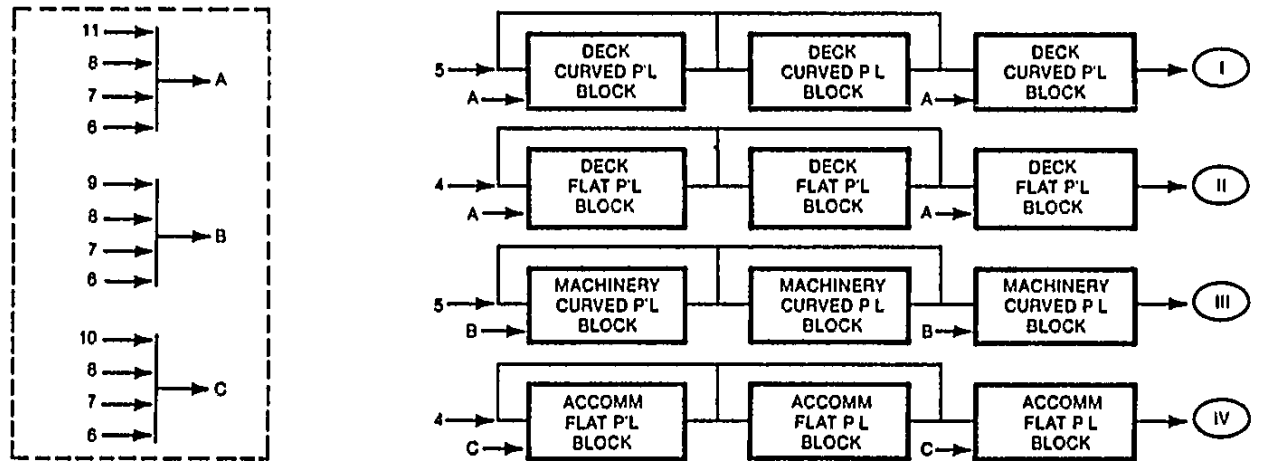


FIGURE 1-1: Simplified integrated processes for simultaneous hull construction and outfitting. Painting would appear as additional processes in additional sub-stages in the various flow lanes (e.g., between block assembly and on-block outfitting). Sub-stages, such as block turnover when outfitting on block, are also omitted.

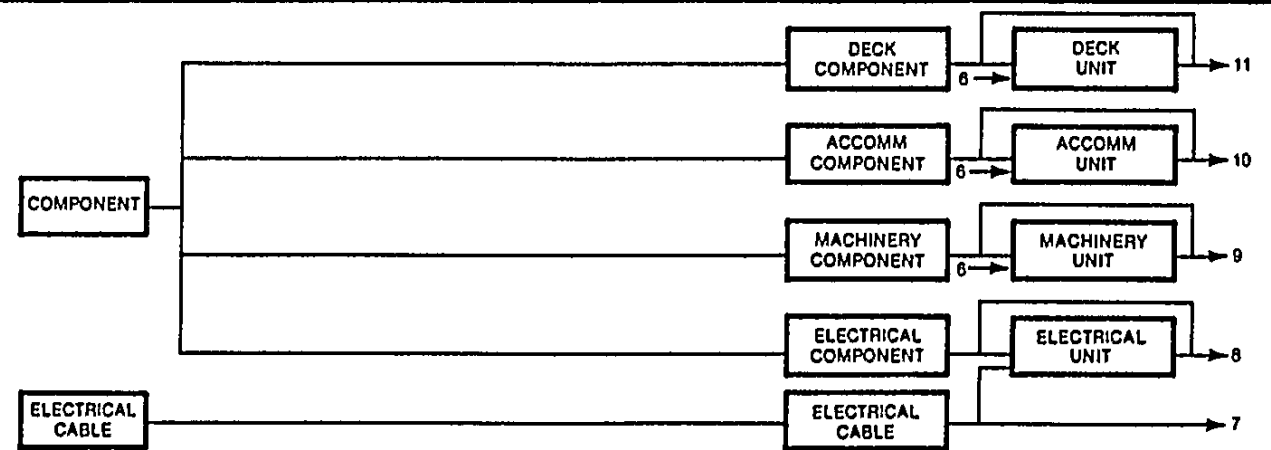
MATERIAL	MARKING & CUTTING	BENDING	ASSEMBLY	PLATE JOINING & EGG-BOX FRAMING	ASSEMBLY	JOINING
MATERIAL	PART FABRICATION		SUB BLOCK ASSEMBLY	BLOCK ASSEMBLY		

INTEGRATED HULL CONSTRUCTION & OUTFITTING PROCESS LANES

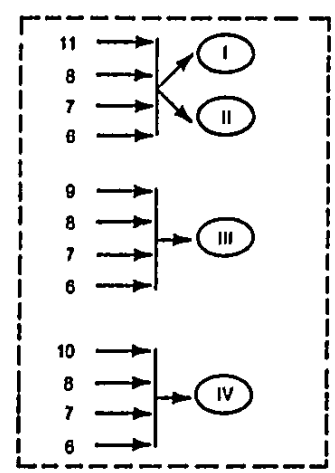
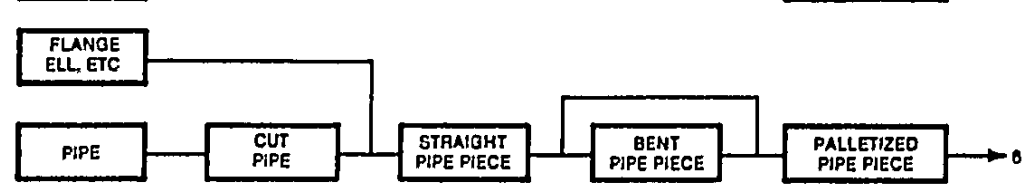


MATERIAL	MANUFACTURING			PALLETIZING	UNIT ASSEMBLY	ON BLOCK	ON GRAND-BLOCK
MATERIAL	MARKING & CUTTING	ASSEMBLY	BENDING	PALLETIZING	UNIT ASSEMBLY	ON BLOCK OUTFITTING	

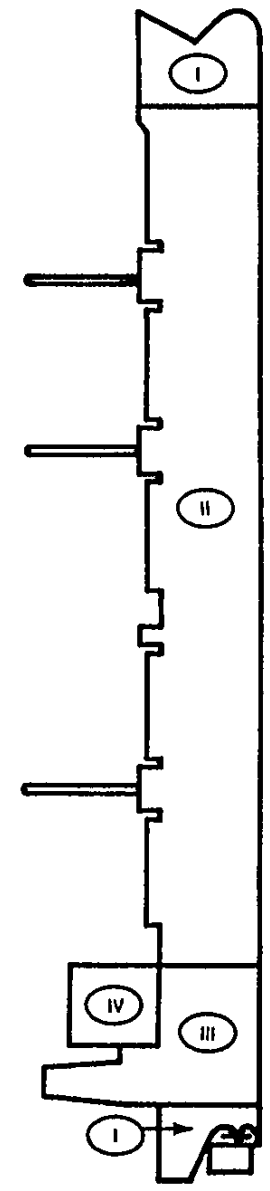
OUTFITTING PROCESS LANES



PIPE PIECE MANUFACTURING PROCESS LANES



HULL ERECTION INTEGRATED WITH ON-BOARD OUTFITTING



ON-BOARD OUTFITTING INTEGRATED WITH HULL ERECTION

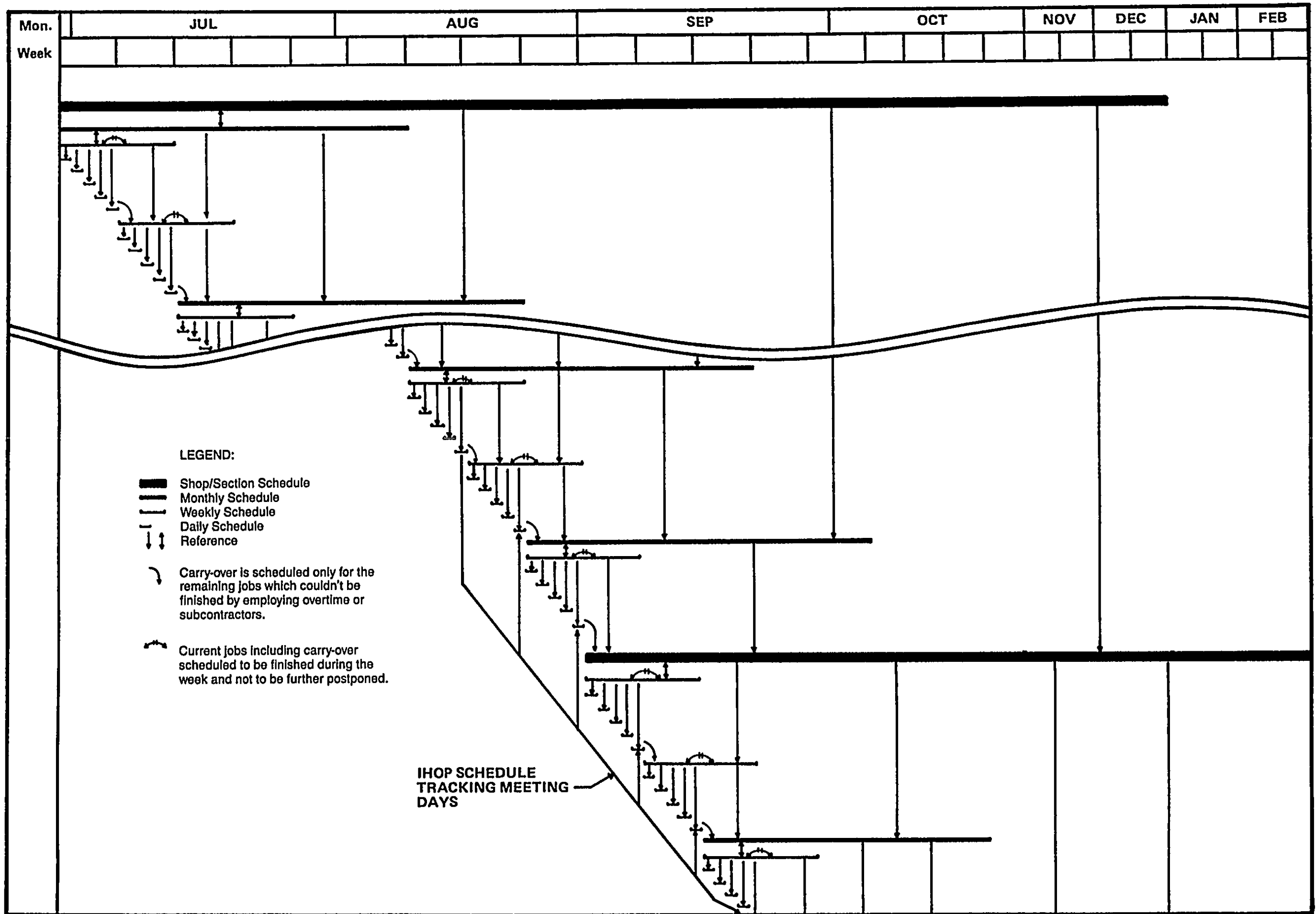


FIGURE 2-3: Logic of the Frame Scheduling Method.

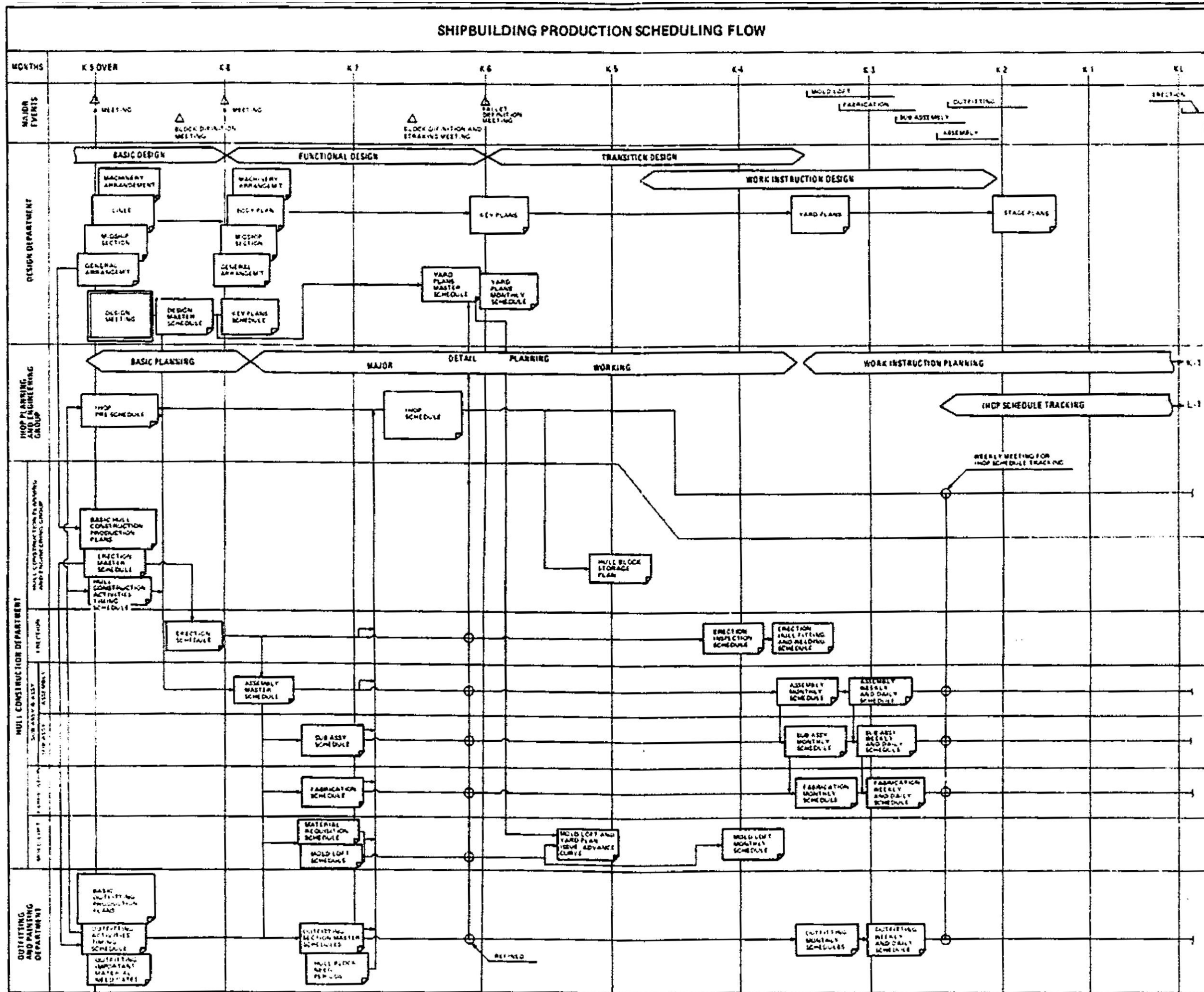


FIGURE 2-5: Shipbuilding Production Scheduling Flow

SHIPYARD MASTER SCHEDULE

ISSUE DATE:
SHIPYARD NAME:

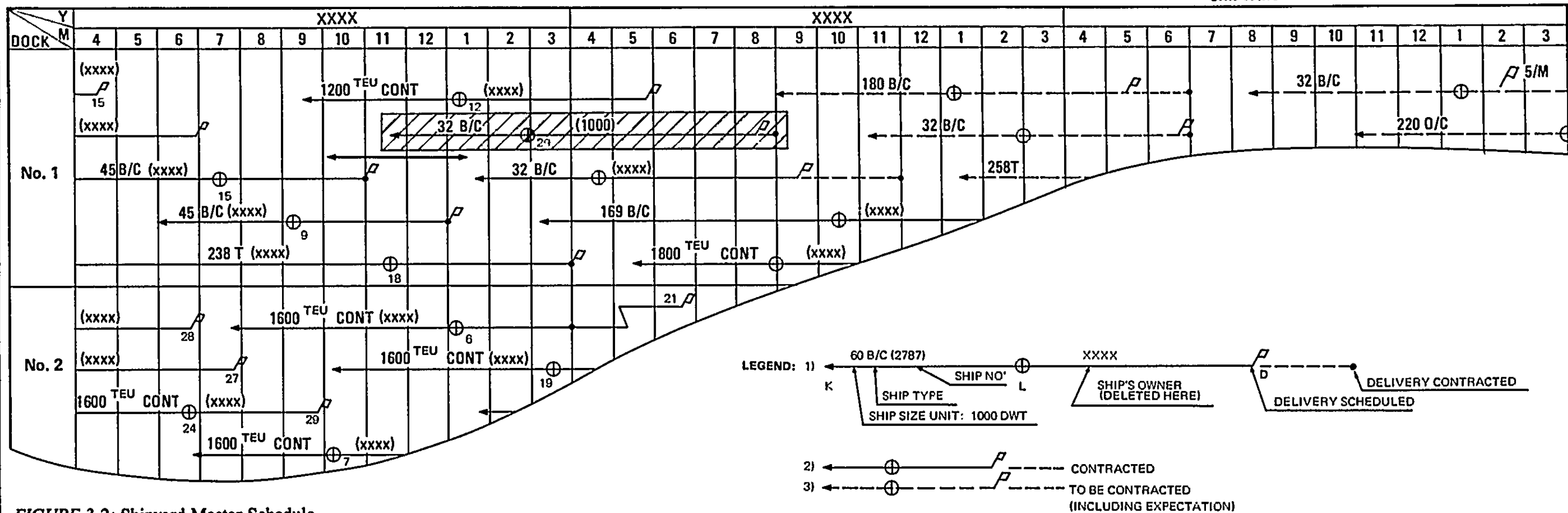


FIGURE 3-2: Shipyard Master Schedule.