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Paper No. 3: A Low Cost Parts Definition System

U.S. DEPARTMENT OF THE NAVY
CARDEROCK DIVISION,
NAVAL SURFACE WARFARE CENTER

Report Documentation Page

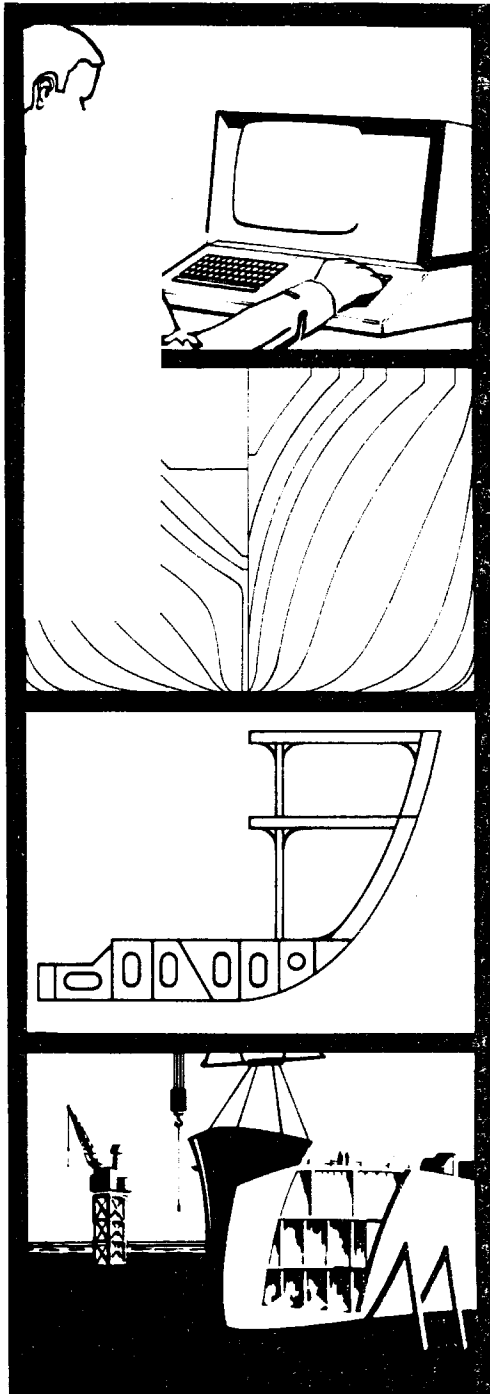
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SHIPBUILDING

**Proceedings of the
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New Orleans, Louisiana**

A LOW COST PARTS DEFINITION SYSTEM

Arthur F. Kaun
Newport News Shipbuilding and Dry Dock Company
Newport News, Virginia

Mr. Kaun is currently developing an interactive graphics approach to parts definition for NNSDD in accordance with the MarAd funded project. He is also responsible for the general support of AUTOKON and related computer systems.

LOW COST PARTS DEFINITION

Benefits

1. Utilize Graphical Skills
2. Reduce Computer Costs
3. Increase Thruput
4. Reduce Plotting
5. Introduce New Capabilities



SYS	SS	PC	PG
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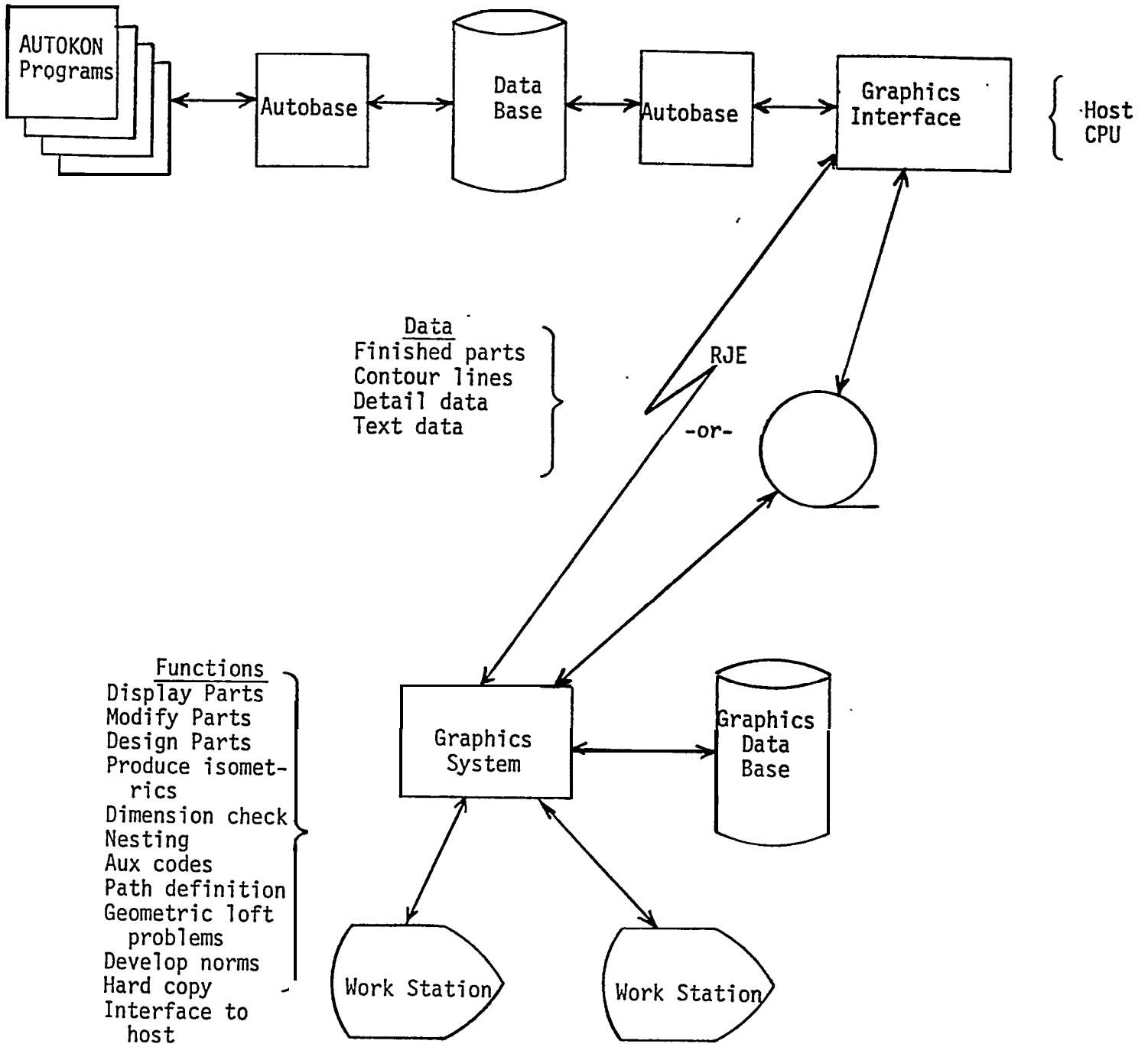
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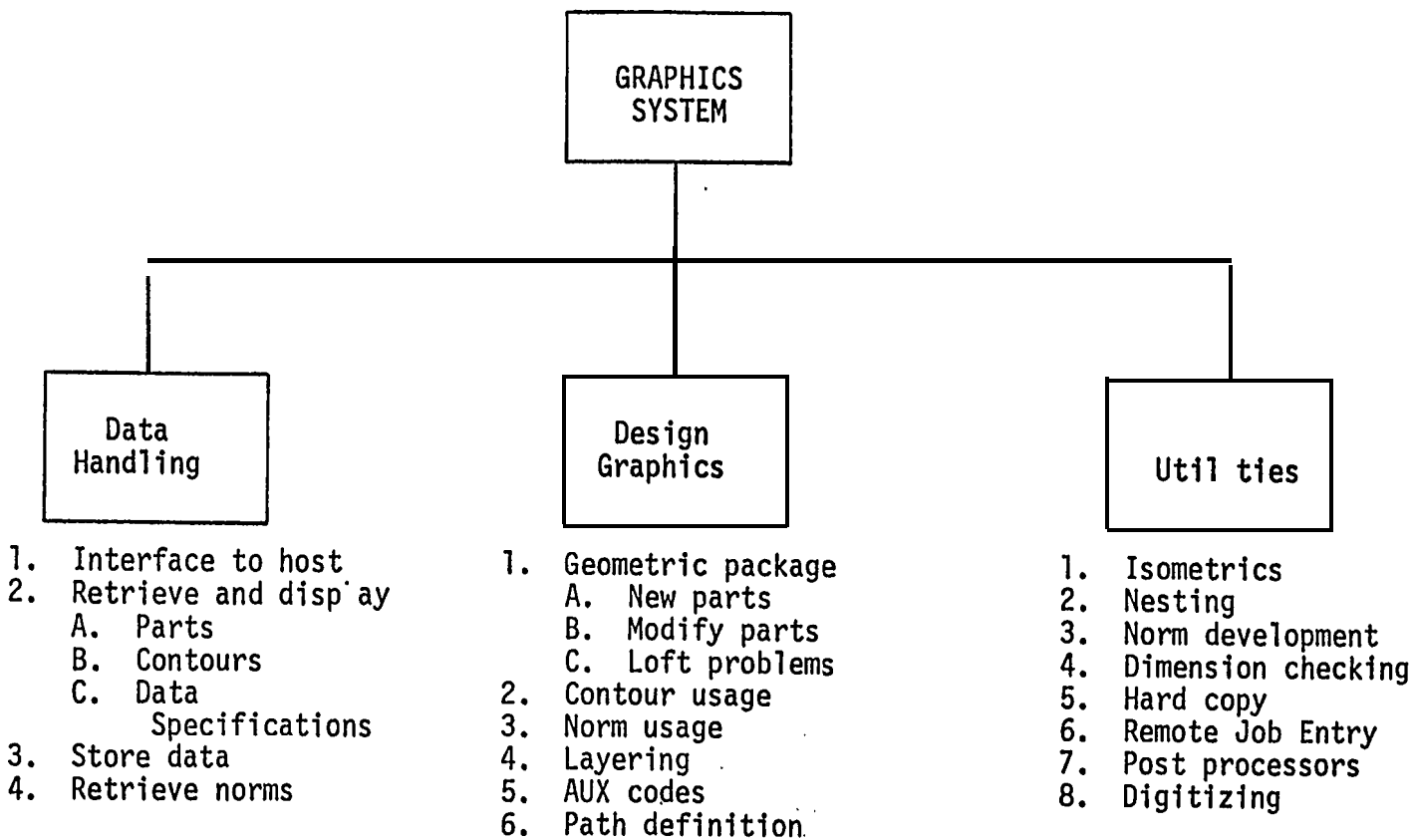
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Interactive Graphics Parts Definition





ACTION TO DATE

- 1. Interviewed Five Vendors**
- 2. Part Development Exercise**
- 3. Data Specifications**
- 4. User Review Group**
- 5. Budgetary Quotes**
- 6. Tektronix PLOT/PEDIT**
- 7. Develop Benchmark**

PLANNED ACTION

July 1977

- Perform Benchmarks**
- Possible Demo for User Review Group**
- Analyze Benchmark Results**

August 1977

- Develop System Design Specs**
- Final User Review Group Meeting**
- Final Report**

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