

TID/SNM--22

S10P4
SYSTEM PERFORMANCE

MASTER

Space and Defense Products
ELECTRICAL PRODUCTS GROUP
3-M CENTER, ST. PAUL, MINN. 55101, PH 633-9400 

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency Thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

DISCLAIMER

Portions of this document may be illegible in electronic image products. Images are produced from the best available original document.

NOTICE

This report was prepared as an account of work sponsored by the United States Government. Neither the United States nor the United States Energy Research and Development Administration, nor any of their employees, nor any of their contractors, subcontractors, or their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness or usefulness of any information, apparatus, product or process disclosed, or represents that its use would not infringe privately owned rights.

TABLE OF CONTENTS

- Figure 1. System S10P4 Performance
Power vs. Load Resistance in 40°F Water
- Figure 2. System S10P4 Performance
Voltage vs. Load Resistance in 40°F Water
- Figure 3. System S10P4 Performance
Current vs. Load Resistance in 40°F Water
- Figure 4. System S10P4 Performance
Power vs. Load Resistance in 60°F Water
- Figure 5. System S10P4 Performance
Voltage vs. Load Resistance in 60F Water
- Figure 6. System S10P4 Performance
Current vs. Load Resistance in 60°F Water
- Figure 7. System S10P4 Performance
Power vs. Load Resistance in 80°F Water
- Figure 8. System S10P4 Performance
Voltage vs. Load Resistance in 80°F Water
- Figure 9. System S10P4 Performance
Current vs. Load Resistance in 80°F Water
- Figure 10. System S10P4 Performance
System Power, Voltage and Current vs. Water Temperature
- Figure 11. System S10P4 Performance
TEG Power, Voltage and Current vs. Water Temperature
- Figure 12. System S10P4 Performance
System Temperatures vs. Water Temperatures
- Figure 13. System S10P4 Performance
System Temperatures vs. Water Temperatures
- Figure 14. System S10P4 Performance
System Temperatures vs. Water Temperatures

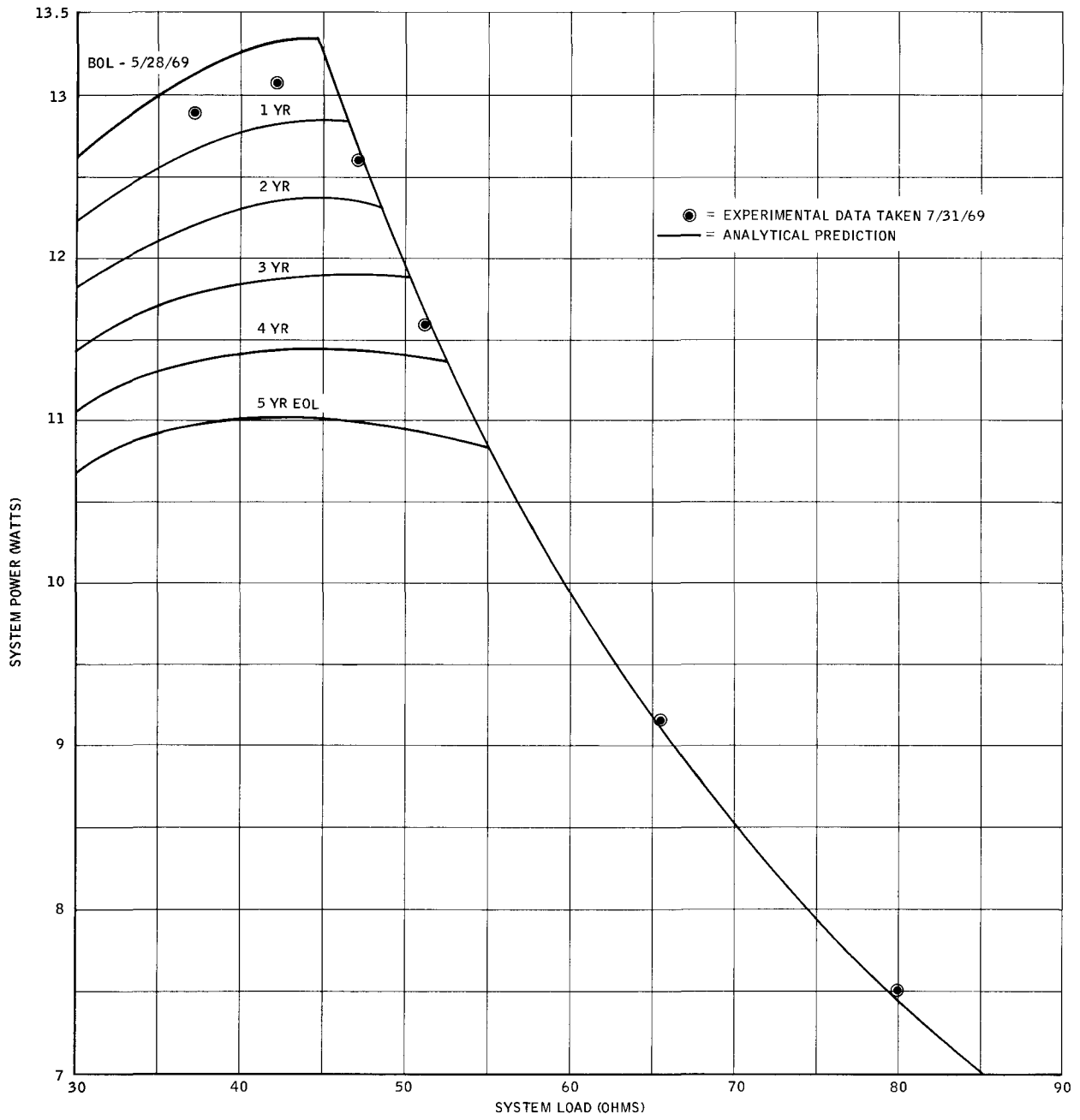


Figure 1. System S10P4 Performance
Power vs. Load Resistance in 40°F Water

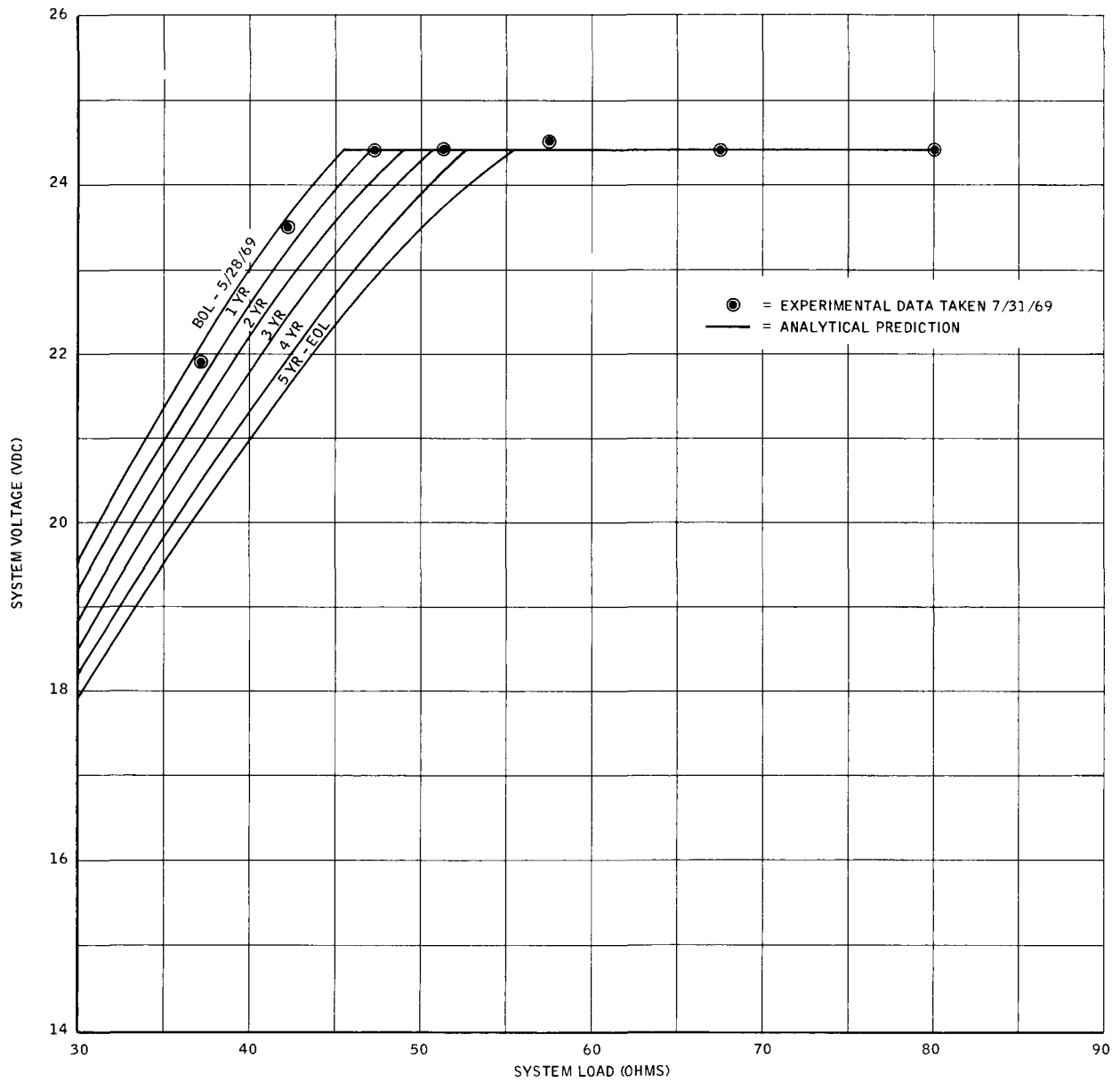


Figure 2. System S10P4 Performance
Voltage vs. Load Resistance in 40°F Water

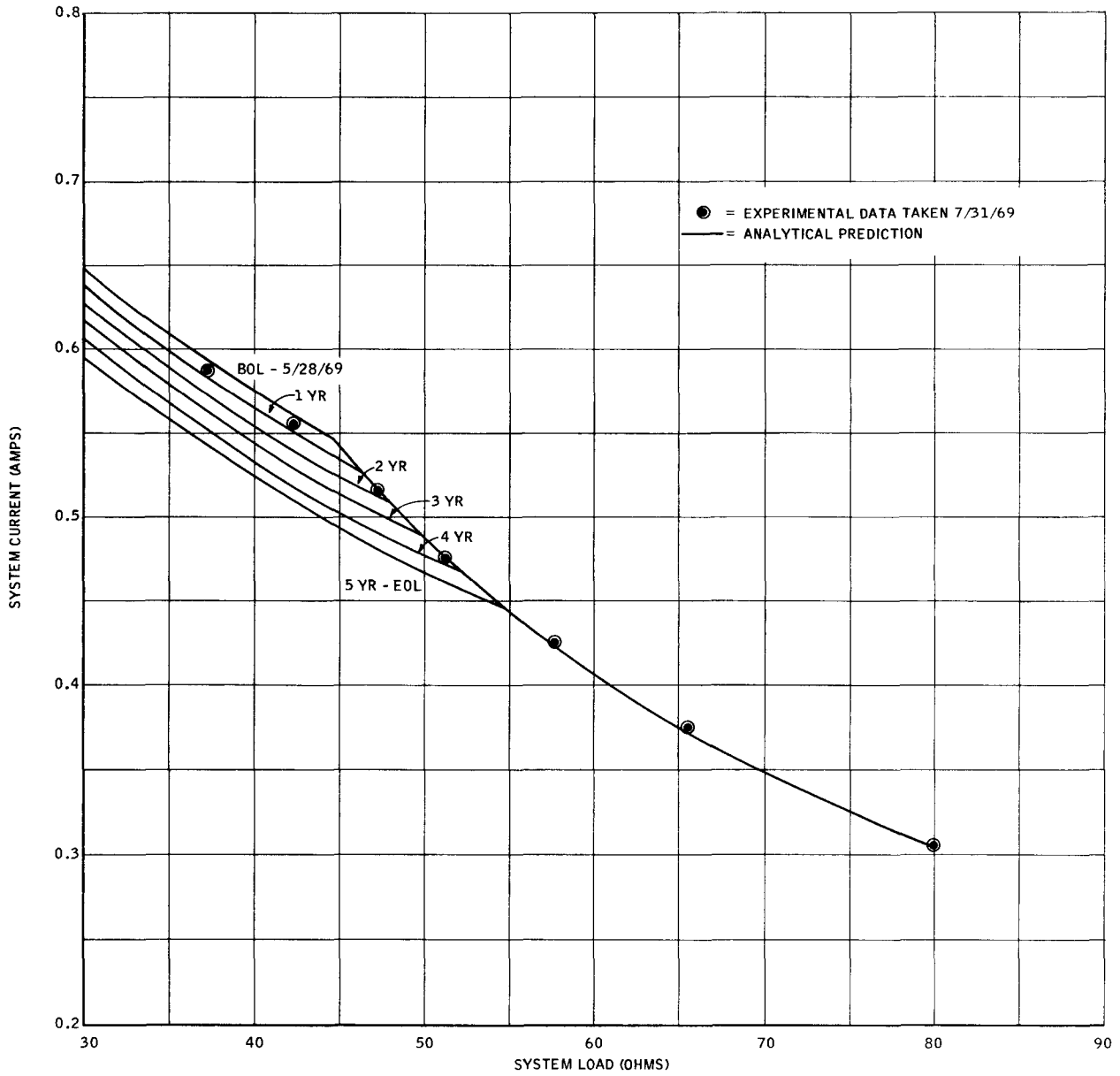


Figure 3. System S10P4 Performance
Current vs. Load Resistance in 40°F Water

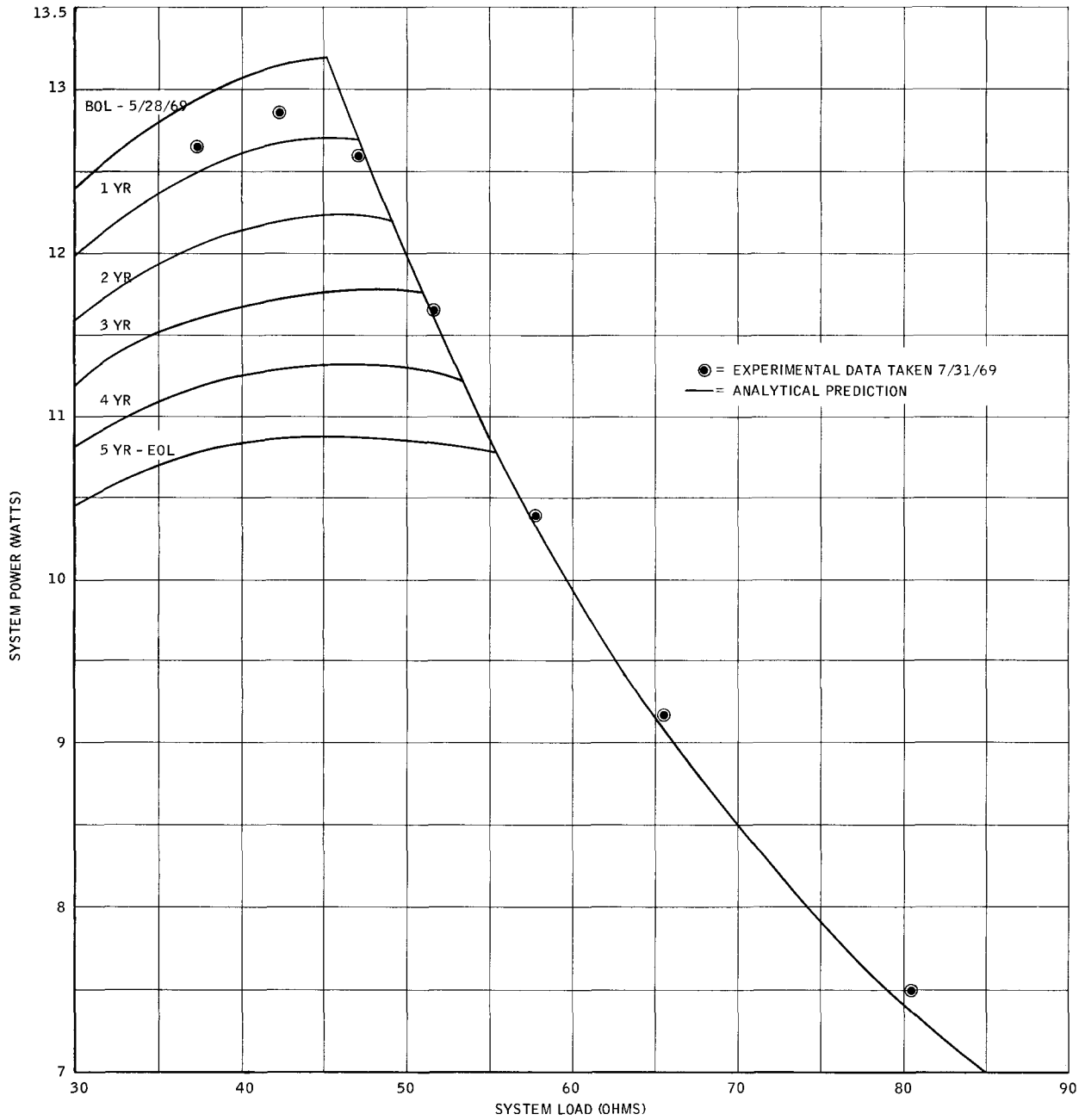


Figure 4. System S10P4 Performance
 Power vs. Load Resistance in 60°F Water

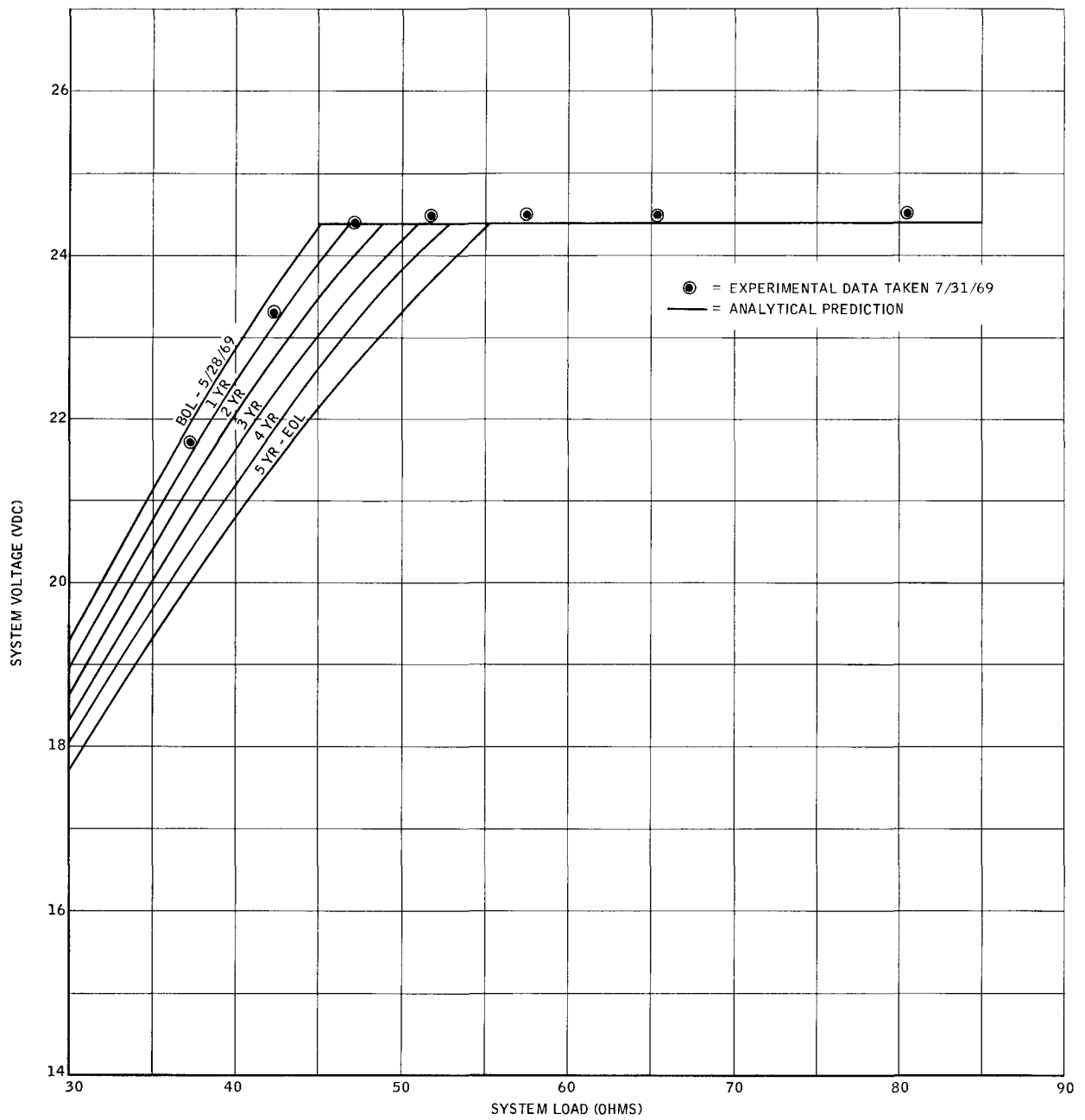


Figure 5. System S10P4 Performance
Voltage vs. Load Resistance in 60°F Water

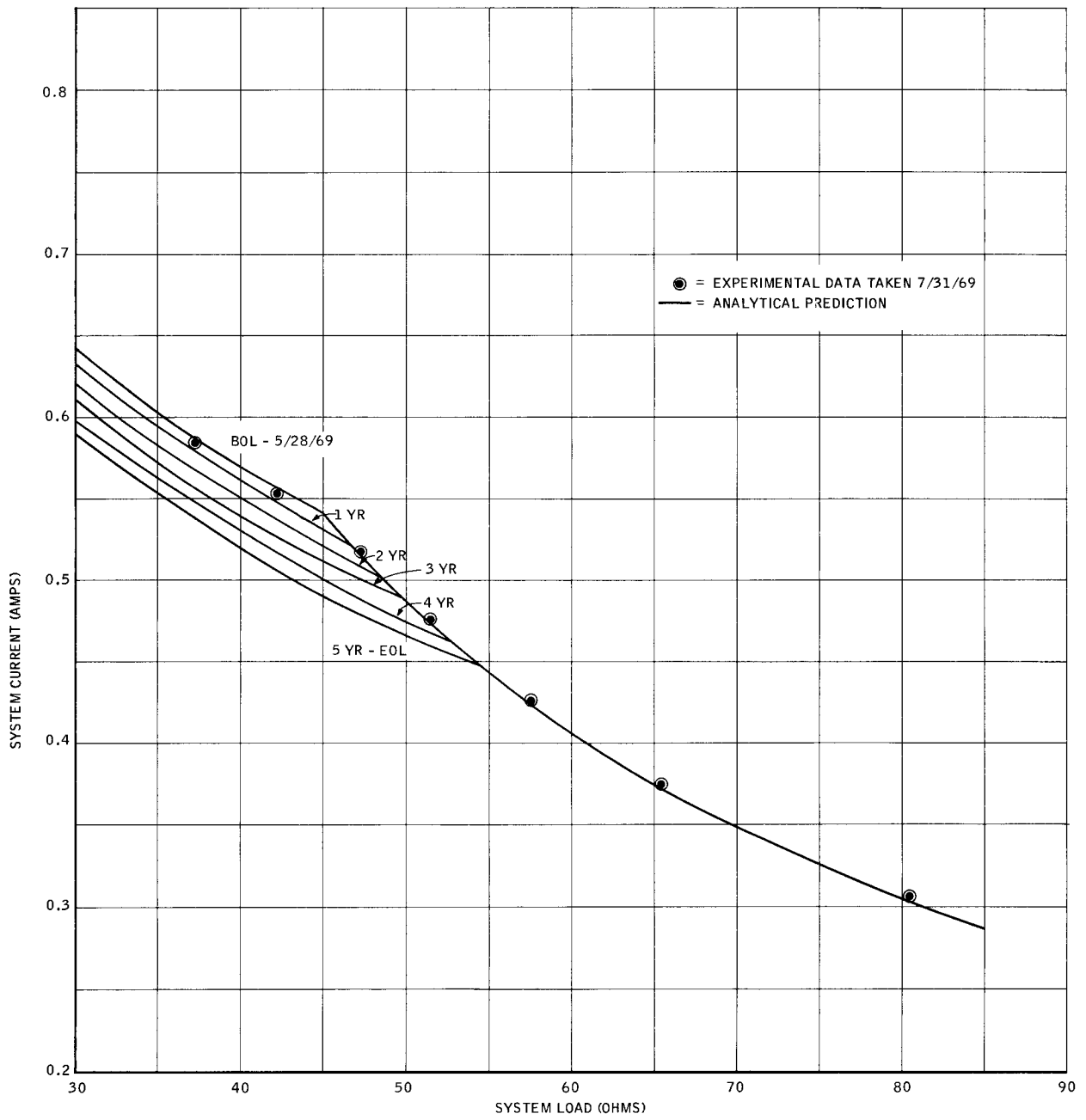


Figure 6. System S10P4 Performance
Current vs. Load Resistance in 60°F Water

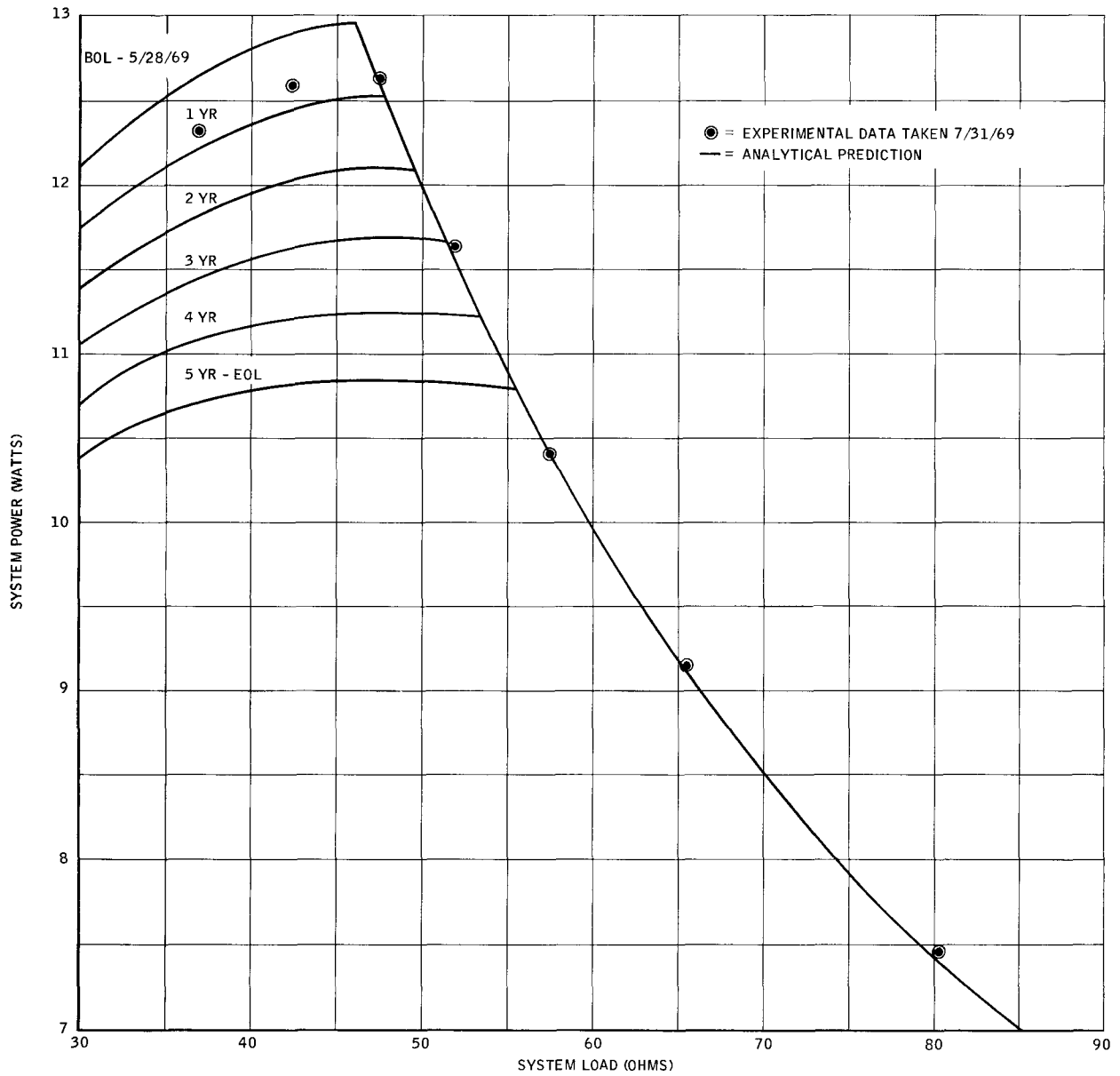


Figure 7. System S10P4 Performance
 Power vs. Load Resistance in 80°F Water

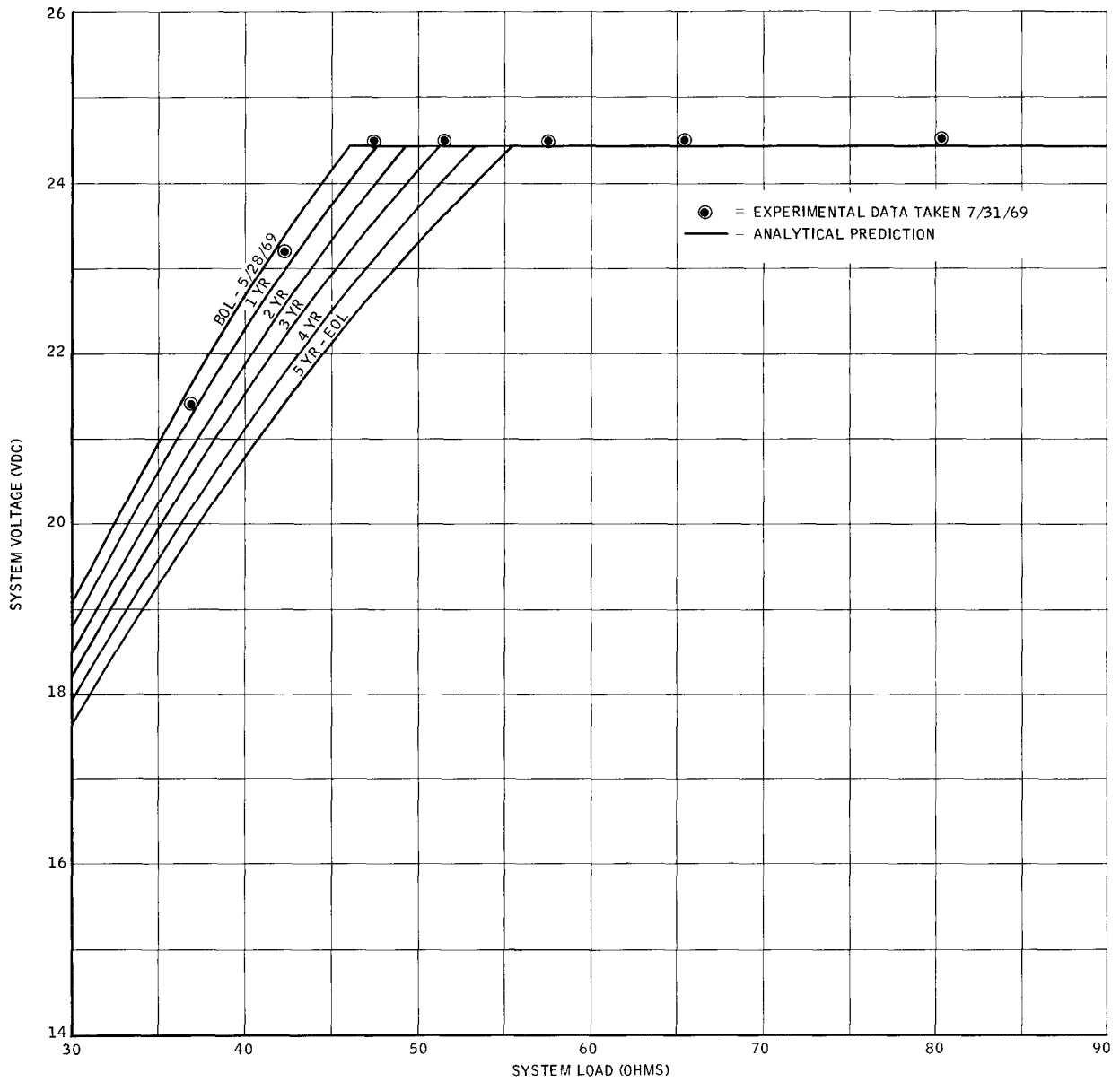


Figure 8. System S10P4 Performance
Voltage vs. Load Resistance in 80°F Water

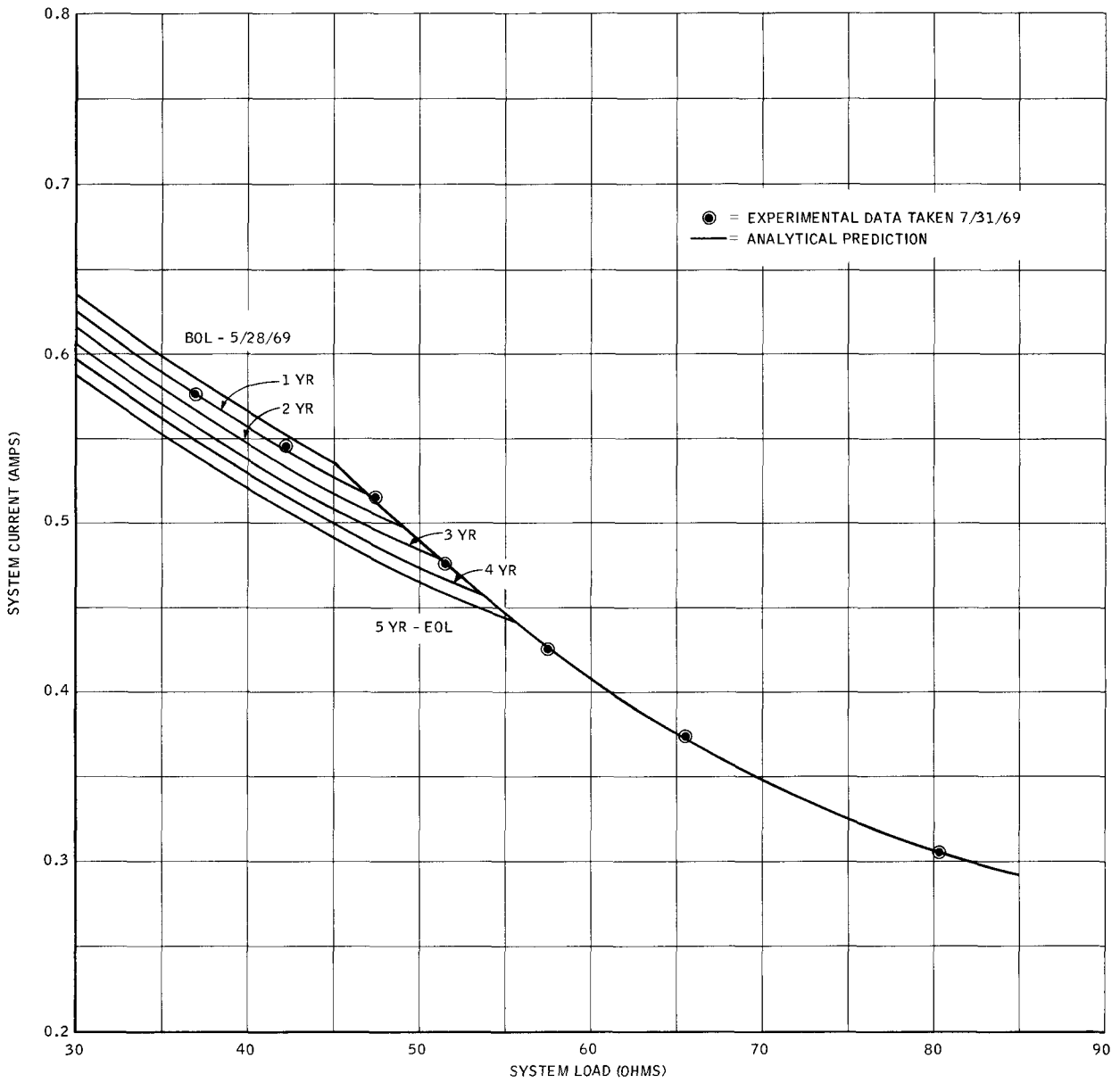


Figure 9. System S10P4 Performance
Current vs. Load Resistance in 80°F Water

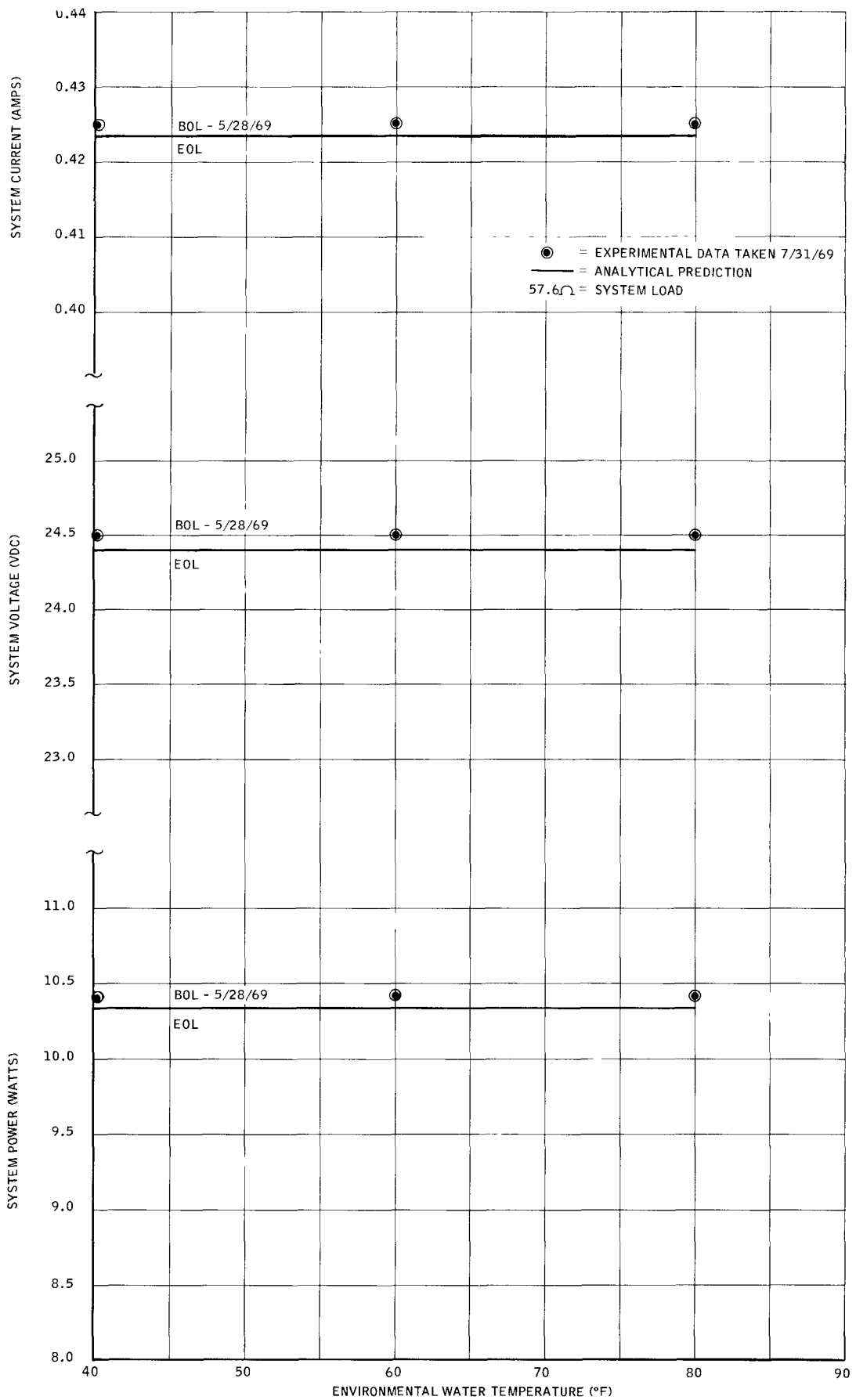


Figure 10. System S10P4 Performance
System Power, Voltage and Current vs. Water Temperature

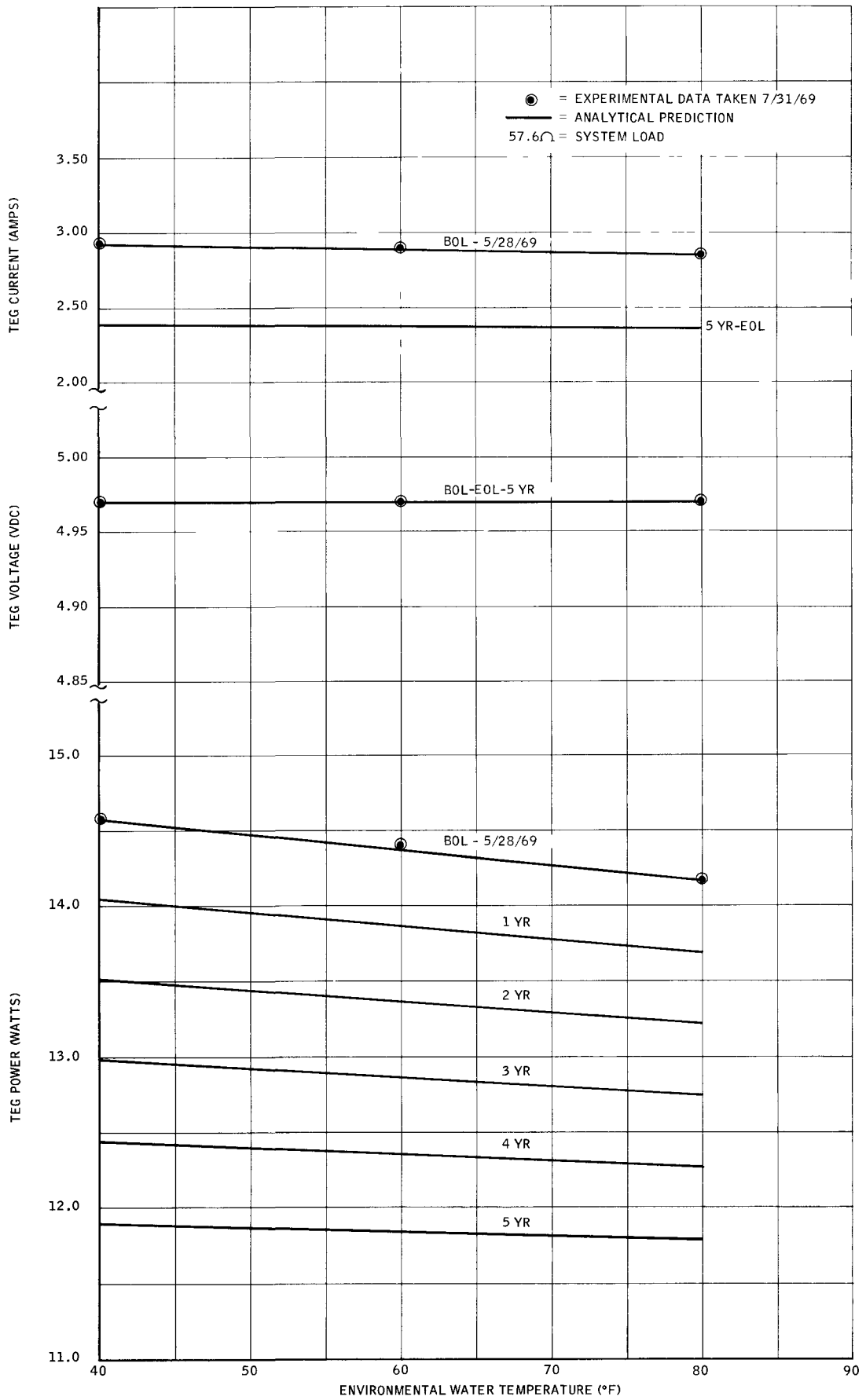


Figure 11. System S10P4 Performance
 TEG Power, Voltage and Current vs. Water Temperature

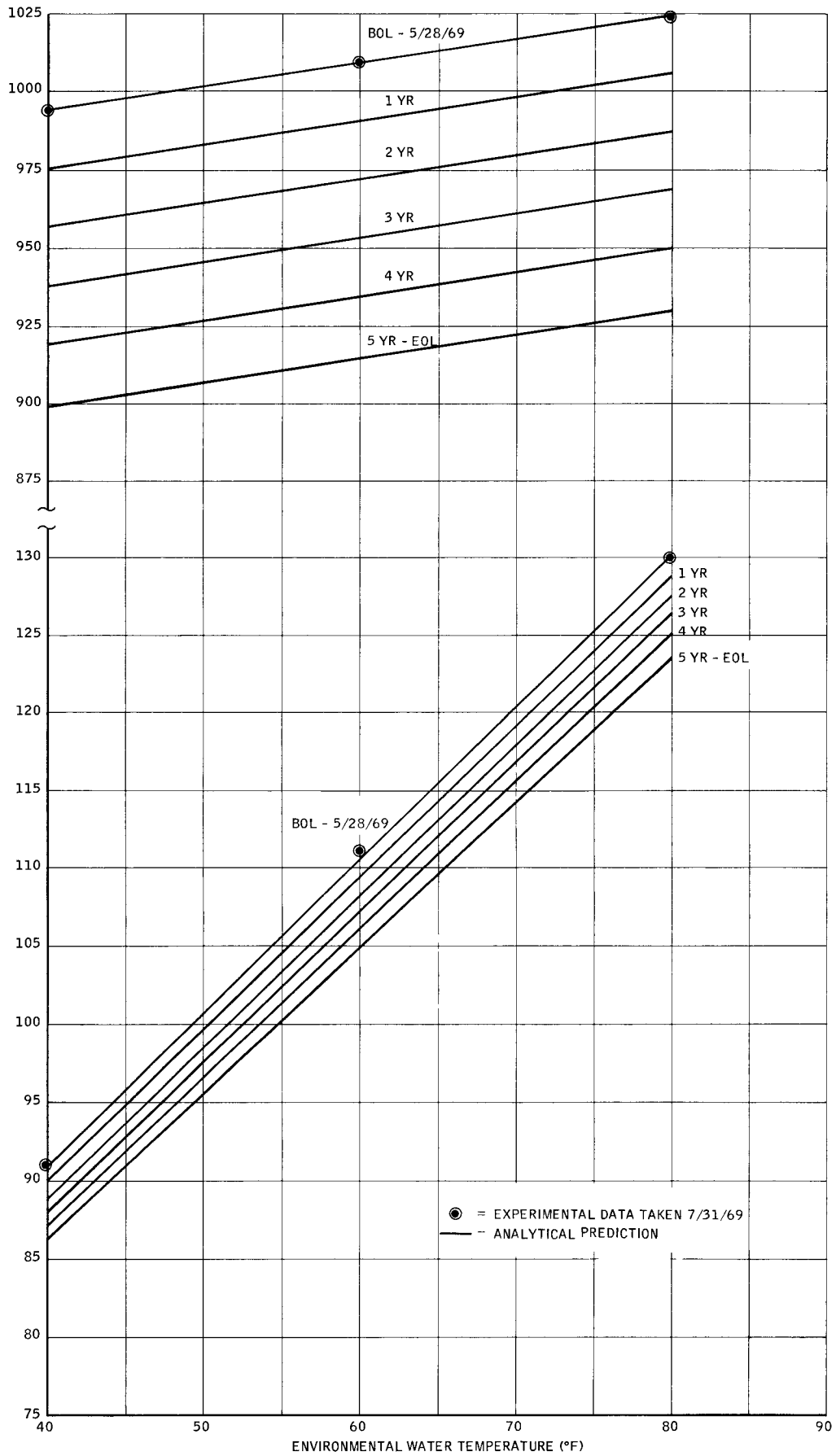


Figure 12. System S10P4 Performance
System Temperatures vs. Water Temperatures

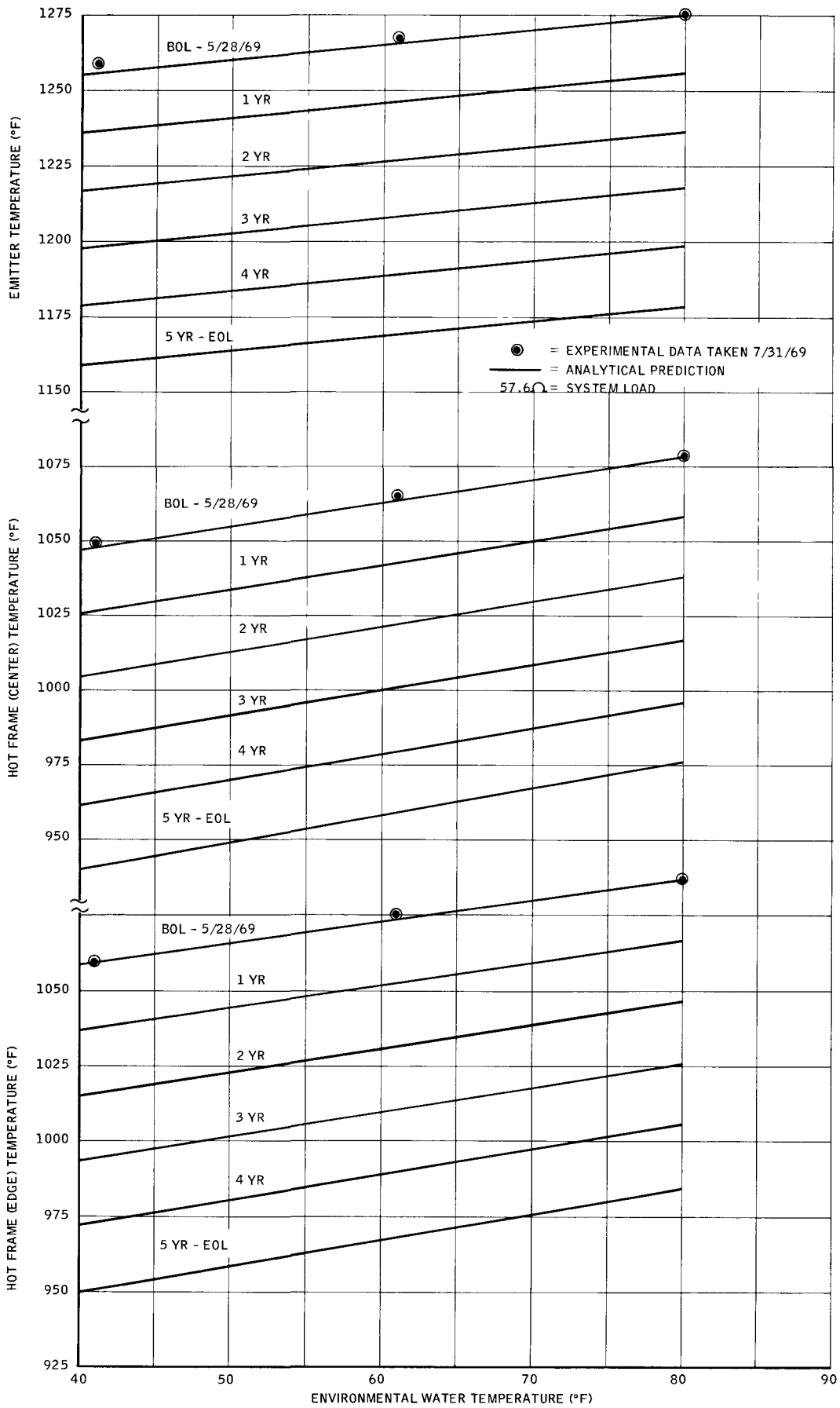


Figure 13. System S10P4 Performance
System Temperatures vs. Water Temperatures

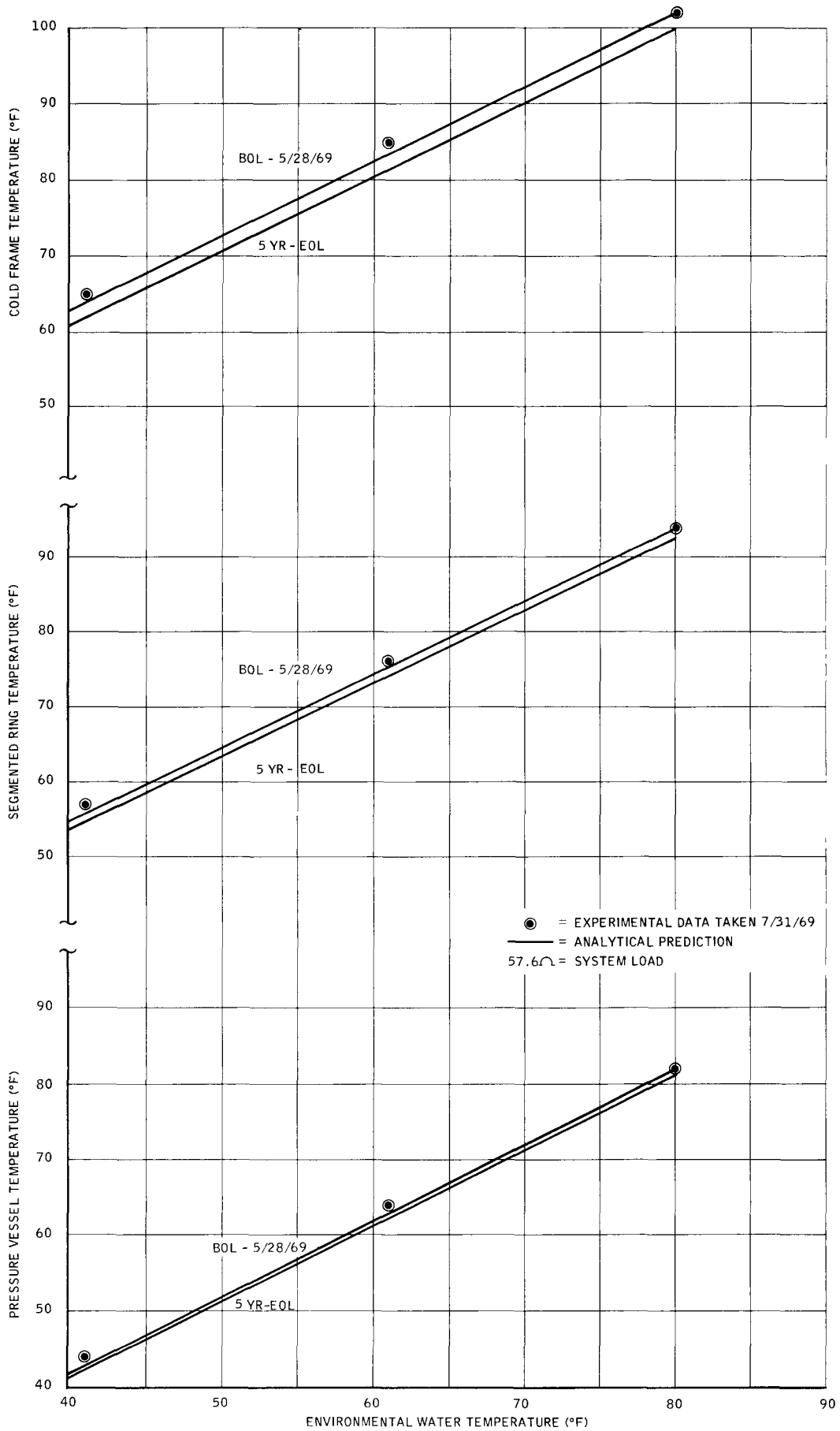


Figure 14. System S10P4 Performance
System Temperatures vs. Water Temperatures