At dedication ceremonies at-
tended by President John E. Mc-
Donough, academic, and industrial of-
fects, the Navy Bureau of Or-
dinance built the world's first sonic
wind tunnel last Thursday, Decem-
ber 1. The new facility is expected to
permit chemical engineers to
the Navy's confidence that the new
tunnel is designed to provide
necessity for research on problems of
high speed flight.

Constructed under the auspices of
the Navy Bureau of Ordnance, the
tunnel will be formally opened Thurs-
day morning at a special dedication
sitting. The results of the experi-
ment will be available to students only
by the Technology defense
Office.

Dr. W. H. Linton, Jr., will present
the opening address for the commis-
sioning ceremony. At the opening
session, guests were entertained by
the Navy Band and the Marine
Band. The ceremony was to begin

At AICE National Meeting

Dr. Thomas K. Sherwood, Dean
of Engineering at the Institute, and
Dr. William B. Petersen, '50, pre-
pared a technical paper at the forty-
sixth annual meeting of the
American Institute of Chemical
Engineers at Pittsburgh, Pa., on
Wednesday morning, December 7.

The paper is a report on an ex-
periment on the effects of high
pressures on various materials, which
solid materials dissolve in water
under such conditions. The results of the ex-
periment are of considerable impor-
tance and will permit chemical engineers to
design heat exchangers at high pres-
sure under extreme conditions.

**BUSH CONFIDENT ON ELECTION OUTLOOK**

WASHINGTON, Dec. 4 (UPI) - The Bush administration is confident that the
Republican party will carry the presidential election.

The confidence stems from the general belief that the economy is in
better shape than it was four years ago.

The administration is also confident that the public will continue to
support the war in Vietnam.

The Bush administration is planning to increase its efforts to win
the election.

**DEMOCRACY CALLS UPON INDIVIDUALS TO CEASE DEPENDENCE ON GOV'T BUREAUCRACY**

NEW YORK, Dec. 4 (UPI) - The Democratic party is calling upon
individuals to cease their dependence on the government.

The Democratic party is concerned that the government has become too
dependent on the individual.

The party is calling for a return to individual responsibility.

**ENGINE PERFORMANCE IMPROVED GREATLY BY RESEARCH WITH MINIATURE MODELS**

Two new developments in auto-
motive engineering at the Insti-
tute, both of which are expected to
help achieve more efficient gaso-
line engines, were described Tues-
day, November 29, by President
F. C. Taylor, Department of
Experimental Physics.

One of the new developments is a new engine indicator
which can be used to determine the efficiency of engines.

The other development is a new type of engine.

**MACH 2 SPEEDS ACHIEVED BY SUPERSONIC TUNNEL**

Mach 2 speeds were achieved by
a new supersonic tunnel at the
Technology Institute.

The tunnel is designed to provide
effects of Mach 2 on the perfor-
ance of supersonic vehicles.

The tunnel is expected to be
of great help in the design of supersonic aircraft.

**MESSIAH FEATURES BASS PAUL MATTHEWS AND CAST OF 250**

In the announcement that Mr. T. M. Matthews will conduct the cast
of 250 in the Messiah, the Phila-
musical Clubs, give every indication
that their final home production
of the Messiah this year will be

**QUEEN FOR A NIGHT**

All students who are elimi-
nated for degree are required to
have an X-ray examination of the chest prior to Decem-
ber 1. A large number of stu-
dents have not complied with
this regulation and are urged to
report immediately.

**TCA OFFERS AID FOR XMAS TRAVEL**

**BASKETBALL, HOCKEY TEAM BOAR**

To BU, Harvard in TP Contests

Hoopsters Routled, 57-37 in Opener;
Brown Plays Here

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