Low-Grade Coal Can Produce Good Steel
Reports Dr. Killian
James R. Killian, Jr., president of the Institute, told a Bird-
seed/Department of Alabama, audiences last Friday night that diminishing sup-
plies of high-grade steel raw materials threaten to mean diminishing sup-
plies of high-grade steel.
Reporting on current research and educational activities at the Institute, Dr. Killian said that recent research first sponsored by the Repub-
ican Committee on Steel is now also by the American Iron and Steel Institute in the Metallurgical Department, has established the fundamental chemistry of steel in steel smelting. The work gives assurance that brittle iron from steel in steel can be troiled in steelmaking processes.

New Metals Lab
This means, Dr. Killian said, that lower grades of coke, containing more sulphur, may now be used for making even the highest grades of steel.

The result of a $1,000,000 gift from Alfred P. Sloan, Jr., Chairman of the Board of General Motors Corporation, a new Metals Processing Laboratory is now under construction in Cambridge. According to other members of the faculty research group under the direction of Professor John Chip-
man, the laboratory is to be a part of the Institute and a part of the University. The laboratory in this case said that this research, "including what we are going to do in the laboratory," is an equilibrium study of the distribu-
tion of iron and steel for the first time put into a general equation for the purposes of steel purification on a sound theo-
logical basis.

Ice Box
(Continued from Page 1)

feet deep. This space is cooled by five expansion engines driven by two compressed helium.

Standing over 15 feet high, the cryostat has a refrigerated space 18 feet deep. This space is cooled by a coolant, which can be observed. A vacuum insu-
lates the entire machine from room temperature.

Dinghy
(Continued from Page 1)

"Solomon" can take out a boat alone at any time. "Racing skipper" can enter any of the Association's races. "Bunny" is the top rank. The various races are reached by pass-
ing examinations first on the fundamentals, and later on the fine points of sailing.

The boats are, of course, the major equipment of the Association. Though getting on age, the equipment is still in good condi-
tion, and a new group of dinghies is expected in the near future.

Boats Are 18 Years Old

Because the boats are fifteen years old, they are somewhat difficult to keep in new condition. There has been a lack of available parts, but there is always a crew on which work is being done. Almost all the masts have been replaced, and many stainless steel stays have had to be replaced. When it is remembered that each

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