Generally Sound Economy Forecast for Coming Year

By REYNOLDS KNIGHT

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In that year the prognosti-cators seemed almost to be competing to determine who could paint the rosiest pic-ture; then the economy slumped. While forecasts have since tended to carry more oublifications—and utterances qualifications-and utterances about '64 have their share — it is generally felt that the com-ing year will be good but not

spectacular. Industrial production last week hit a record level, pumping fat wages into the millions of consumer pockets. The steel industry, which normally slows down with early snowfalls, has kept up a moderately brisk production pace and expects it to continue into next year's

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early months. Construction is counted on to generate considerable ecoto generate considerable eco-nomic steam early in '64. One estimate is for total building in the year to top the current record year by about five per cent — attaining \$65.5 billion. However, one soft spot that could produce business down-turns in localized areas is the apparent slow-down in spend-ing for military base mainten-ance and some forms of mili-tary equipment. This may turn tary equipment. This may turn out to be the bugaboo of the '64 picture. . . .

UNDERWATER 'MIKE' -The ability to detect sounds in the deepest parts of the ocean has been advanced significant has been advanced significant-ly by the development of a stable, highly sensitive deep-water hydrophone. ACF Electronics, a division of ACF In-dustries, Incorporated, devel-oped the device.

oped the device. The cigar-shaped instrument, which functions as an under-water microphone, has oper-ated successfully under the extreme hydraulic pressures pre-vailing at the ocean's greatest depth — 37,000 feet, according to Ellis Zacharias Jr., ACF un-derwater chief in New York.

THE HYDROPHONE is intended for use in oceanogra-phic research and submarine detection. In the case of the detection. In the case of the latter it may be used as a part of a shipboard sonar system, or on the ocean floor. In addi-tion to defense applications, the new hydrophone, because of its deep-water operational suitability is expected to be of significant use in commercial, private and government ocean-ographic research. ographic research.

Sound traveling through the water is received in the lower half of the 27-pound ACF hydrophone where a sensitive lis-tening mechanism is located. This mechanism is protected from the sea water by a rub-ber "boot" filled with castor oil, used because it has the same acoustical or sound transmission properties as water.

SALT FOR SAFETY-States SALT FOR SAFFTY—States, effices and counties are turning increasingly to rock salt for safety in snow and ice re-moval from highways, accord-ing to a report by Cargill, Inc., a major rock salt producer. In 1962 some 3,000,000 tons of salt were used to clear roads of ice and snow. This was up 45 per cent from 2,127,000 tons used in 1961. according to the

used in 1961, according to the report. There was a 20 per

Industrial Safety **Committee Topic**

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Cost of industrial accidents due to lifting injuries will be the topic of the Torrance Firemen's Safety Committee Fri-

cent increase in this use for construction, and (3) the eco- THINGS TO COME-A Con- weighs only one pound is com- body puts the harvest at 44

made significant contributions | Africa, output will be off about to the harvest, even though 5 per cent because of bad

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Liquor Features



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