## Echo's Vehicle May Orbit Earth Until Year 6000

more than 4000 years from to-

scientists of the Douglas Air-craft Co. predicted the third-stage casing potentially has the longest life expectancy of any

ed the 10 story Echo into space last Aug. 12. The vehicle third-stage, tumbled by small rockets to prevent collision with the sphere after separation, went into an orbit closely parallel.

Regularly assigned as a squad leader in Company D of the division's 19th Infantry, Sergeant Umbarger entered the Army-in June 1957 and arriv-

GRAB

Lewis W. Ward, radioman first class, USN, son of Mr. and Mrs. Henry H. Ward, Sr. of 260th St., Harbor City, and husband of the former Miss Shirley M. Springer of Sunland, serving aboard the radar picket ship USS Chevalier, at tended the third annual Pacific Festival held in San Francisco Sept. 9 to 18.

The Pacific Festival is designed to foster mutual understanding and cultural relations among the peoples of the Paramong the peoples of the Param

among the peoples of the Pa-cific. More than 40 nations were represented at the cele-

stage, tumbled by small rockets the division's 19th Infantry, sphere after separation, went into an orbit closely paralleling that of the huge Echo.

Douglas engineers said the third stage is 5 feet in height.

2 feet in diameter and weighs

Umbarger attended Torrance

High School. Before entering

Armed Forces

Tuttle is being trained to service and maintain the 105 millimeter howitzer, a light

26112 Narbonne Ave., Loinita, is a 1953 graduate of Nar-bonne High School. Before en-tering the Army, he was em-ployed by Texaco Oil Refinery, Wilmington. His father, Court-land P. Myers, lives in Lynn-wed Wesh.

Army Pvt. Gustavo P. San-

Lon R. Baker, son of Mrs. A. J. Weber of 165 W. 223rd St., graduated from recruit training Sept. 9 at the Naval

Army Sergeant First Class George H. Clark, whose wife, Louise, lives at 1078 W, 252nd St., Harbor City, is participating with other personel from the 3rd Armored Division's 73rd Artillery in a field training exercise in Grafenwohr, Germany. The exercise is spendyled to be corelated as scheduled to be concluded on

Some 15,000 troops and more than 1000 tanks and armored personnel carriers of the di-vision will maneuver over the rough and hilly terrain of the

steward of Service Battery in the artillery in Hanau. He was graduated from Tus-

He was graduated from Tuskegee (Ala.) Institute in 1939 and entered the Army in March 1944.

Public Notice

precinitists of the Dungster if the expectancy of any collect yet placed into orbit about the earth by the United States or Russia.

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Longest life previously estimated for an earth satellite was the aproximate 200-plus years for the Vanguard 1 payload and upper stage.

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THE BURNED-OUT Delit third-stage is tumbling through through through the provided through the provid

vision will maneuver vision will be held better that all units in the NATO shield of defense in Europe shield of defense in Europe maintain a high state of combat efficiency.

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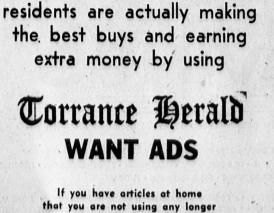
CABP HEREBY GAVENUE OF LOT 15, Measure of the property described as a portion of Lot 15, Measure of the construction of multiple will be held become the following matter:

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Adopted and passed this 13th day of September 1960.

ALBERT ISEN Mayor of the City of Torrance

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