

Seven Ears Hear Splash To Spot Missile Impact

➤ SEVEN MECHANICAL "ears" will soon be waiting quietly on the bottom of a lagoon on Eniwetok Atoll, listening for the splash of guided missiles.

Many types of radar and tracking devices are used to track a missile during flight, but finding exactly where it hit is another problem. Eniwetok Lagoon, at the foot of the U.S. Air Force's western test range, is 20 miles across, and therefore searching for lost "birds" is difficult.

A system called BMILS (Bottom-Mounted Impact Location System) should remedy this. Six of the "ears," called hydrophones, will be placed in a circle with the seventh in the middle to "hear" the impact of missiles striking the water. A computer at the heart of BMILS measures the time it takes for the signal to arrive from each hydrophone. By comparing these times, the computer can determine just where the missile fell.

BMILS should be operating by next February, and although its exact range is classified, it may extend considerably outside the lagoon. The Bendix Corporation is building the system.

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SCIENTIA INTERNATIONAL

NOVAS DEL MENSE IN INTERLINGUA

Communicaciones. - Durante le Congresso del Association American de Medicos in Chicago in junio 1966, special diurne reportos del eventos congressal esseva emittite per radio MF in tres major areas del Statos Unite.

In Breve. - Le naso del homine es plus efficace que non importa qual instrumento usque nunc disveloppate pro le differentiation de odores. - Le statounitese Cruce Rubie collige in le curso de un anno non multo minus que 15.000 hl de sanguine pro objectivos transfusional. - Arbores de umbra es le plus promittente quando illos es plantate a un distantia de sex a octo metros ab le muros del casa que illos debe proteger. - Psoriasis es un disordine cutanee que affice al minus 1 inter omne 50 personas in le Statos Unite. - Apes operari es un bon esca pro certe pisces.

Pediatria. - In le hospitales del Universitate Pennsylvania studios es in progresso pro clarificar varie aspectos del respiration in neonatos. Isto es regardate como importante proque morbos respiratori es inter le plus frequentes del causas de morte in neo- e recentemente-natos. Le aspectos del respiration neonate studiate include le alteration del concentration de oxygeno e bioxydo de carbon in le pulmones e le sanguine del neonato e le influenza exercite super ille valores e super le initiation del respiration del neonato per le stato de sanitate del matre e per le anesthetic recipite per le matre durante le parturition.

Recercas de Cancere. - Examines post morte es practicate al Jardin Zoologic de Philadelphia depost 1901. In decembre 1964, le archivos del jardin habeva un documentation necroptic pro plus que 19.000 animales. Inter le mammales e aves del serie, 300 maligne neoplasmas esseva recognoscite, incluse 23 identificate como primari tumores epithelial del pulmon (ca. 7%). Nulle cancere pulmonar esseva trovate in reptiles e amphibios. Le primari canceres pulmonar esseva concentrate in septe familias de mammales e quatro familias de aves. A generalmente parlar, primari cancere pulmonar es rar in le Jardin Zoologic de Philadelphia. Tamen, un facto a notar es que le total de 13 adenocarcinomas pulmonar incontrate in aves include 10 in anates e gansos morte inter 1943 e 1961. Isto reflecte un accrescente frequentia de cancere pulmonar in le aves mentionate le qual non pote esser explicate per un accrescite longevitate proque nulle tal ha occurrite. On debe cercar le causa in un accrescente concentration de carcinogenos in le atmosphaera.

Watson Davis. - Le Director de Science Service, Dr. Watson Davis, ha essite pensionate le 14 de junio 1966. Su successor es Sr. E. G. Sherburne, Jr. Dr. Davis esseva le spirito motor de Science Service durante 45 annos. Le 24 de junio 1966, un reception esseva celebrate in su honor in le grande hall del Fundation National pro le Scientias a Washington. Numerose messages de congratulation habeva essite recipite. Inter illos legite a alte voce durante le reception esseva un ab le Presidente del Statos Unite. Le oratores audite per le amicos e admiratores de Dr. Davis presente in le celebration includeva Dr. Glenn T. Seaborg, Preside del Commission pro Energia Atomic e Presidente del Consilio Administrative de Science Service. Dr. Seaborg delineava le grande attingimentos de Dr. Davis, sublineante que su pensionamento non pote significar que su interesse active e su cooperation critic ha cessate esser urgentemente desirante e requirite. Le meritos inoblidabile de Dr. Davis include le facto que ille esseva un del prime homines laborante in e pro le scientias qui possedeva le vision e le imagination de recognoscer le potential de servicio inherente in interlingua. Il esseva Dr. Davis qui offereva a interlingua le chance initial de provar su valor in le communication scientific international. In un certe senso, interlingua es un monumento que Dr. Watson Davis se ha erigite pro se mesme.

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