

Y. EBISU & ASSOCIATES
CURRICULUM VITAE OF YOICHI EBISU, P.E.

EDUCATION: B.S. in Electrical Engineering, University of Hawaii, 1965
M.S. in Electrical Engineering, University of Hawaii, 1969

REGISTRATION: Registered Professional Engineer, State of Hawaii, 1977

PROFESSIONAL AFFILIATION: Member of National Society of Professional Engineers

EXPERIENCE Principal and Owner of Y. Ebisu & Associates, Acoustical and Electronic Engineers. Provides services such as: airport noise studies and highway traffic noise studies; noise impact assessments; recommendations and design calculations on architectural projects; modeling and design calculations for air conditioning and mechanical equipment noise abatement; computer model simulation of airport, highway, stationary sources, and combined source noise contours; expert witness testimony; design of sound reinforcement and intercom systems; and design of electronic and video systems.

1979 TO 1984: Vice-President of Darby-Ebisu & Associates, Inc., Acoustical Consultants. Provided consultant services related to airport, highway, industrial, and building noise sources. Provided expert witness testimony in civil and land use proceedings, and provided enforcement support services to City Building Department. Designed SEATAC Airport Noise Monitoring System, and provided design and maintenance services for HIA Airport Noise Monitoring System.

1976 TO 1979: Associate of Ronald A. Darby & Associates. Provided acceptance testing services on the HIA Airport Noise Monitoring System software and computer. Supervised aircraft noise data collection efforts using HIA system. Developed site ranking algorithm for noise impacts from general aviation airports studied under OGAMPS.

1971 TO 1976: Senior Research Scientist, LTV Aerospace and Defense Company (formerly Vought Corporation, Advanced Technology Center). Served as Lead Analyst for towed underwater acoustic arrays under contract to Commander THIRD Fleet, Pearl Harbor. Also evaluated and reported the performances of other active and passive Antisubmarine Warfare (ASW) acoustic sensor systems. Designed and implemented underwater acoustic electronic hardware for tracking sonobuoys at PMRF, Barking Sands, Kauai.

1969 TO 1970: Electronic Engineer, assigned to USAECOM (U.S. Army Electronics Command), New Jersey. Project Engineer on task involving secure voice transmissions via voice bandwidth radio links. Principal investigator on task involving FSK data transmission on U.S. Army Missile Command Link. Consultant Electronic Engineer to Production and Procurement Directorate, USAECOM, for evaluation, modifications, and testing of an Army data modem.

1965 TO 1968: Research Scientist, LTV Aerospace and Defense Company (formerly LTV Research Center, Hawaiian Division). Developed acoustic ray tracing computer program for studying the effects of direct and reflected underwater sound paths. Designed acquisition, reduction, and analysis systems for handling ships' signature, ambient noise, convoy radiated noise, submarine radiated noise, and explosive sound source data. LTV Field Engineer on project involving acoustic location of ballistic missile re-entry impact at Kwajalein Atoll, and on project involving ASW devices on Molokai, Hawaii.

AWARDS: Army Commendation Medal "for exceptionally meritorious performance of duty as an Electronic Engineer, Communications/ Automatic Data Processing Laboratory, USAECOM, Fort Monmouth, New Jersey."

RECENT ENVIRONMENTAL NOISE STUDIES:

Turtle Bay Resort SEIS (2012). Replay Resort.

Sound Barrier Study (2012). Maryknoll High School.

Ala Moana Boulevard, Auahi Street Sewer (2012). Engineering Concepts, Inc.

Kulanihakoi Bridge Replacement (2012). Wilson Okamoto Corporation.

K-3 Condo-Hotel (2012). PACREP, LLC.

Kapiolani Street Extension Project (2012). Geometrician Associates, LLC.

Kaneohe / Kailua Gravity Tunnel Noise Variance (2012). Wilson Okamoto Corporation.

Farrington Highway Widening (2012). Group 70 International.

SPAWAR Building 5 Sound Testing (2012). SPAWAR System Center.

HMSA Print Shop Noise Survey (2012). Colliers International.

DOE School Sites at Hoopili (2012). Group 70 International.

Airport Sewer Rehabilitation/Reconstruction, Phase 2 (2012). Gray-Hong-Nojima & Associates, Inc.