

**Provisional List of Working Papers
SCTB 15 – Honolulu, Hawaii – July 22-27, 2002**

Overview of Western and Central Pacific Ocean Tuna Fisheries

- GEN-1** Lewis, A. and P. Williams. **Overview of the western and central Pacific Ocean tuna fisheries, 2001.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- GEN-2** O'Malley, J. and S. Pooley. **Description and Economic Analysis of Large American Samoa Longline Vessels.** National Marine Fisheries Service (NMFS), Honolulu Laboratory, Hawaii.
- GEN-3** O'Malley, J. and S. Pooley. **Economic and operational characteristics of the Hawaii longline fleet in 2000.** National Marine Fisheries Service (NMFS), Honolulu Laboratory, Hawaii.
- GEN-4** Forum Fisheries Agency. **Economic overview of the tuna fishery.** Forum Fisheries Agency, Honiara, Solomon Islands.

Information Reports

- INFO-1** Sibert, J. **Pelagic Fisheries Research Program: Scientific Research in Support of Rational Fishery Management.** Pelagic Fisheries Research Program, Joint Institute for Marine and Atmospheric Research, University of Hawaii.
- INFO-2** Schroeder, B. **Prospectus: International longline marine turtle bycatch technical workshop.** Office of Protected Resources, National Marine Fisheries Service, Silver Spring, Maryland.

National Tuna Fishery Reports

- NFR-2** Findlay, J. and D. Bromhead. **National tuna fishery report – Tuna and billfish fisheries of the eastern Australian fishing zone.** Fisheries and Marine Science, Bureau of Rural Sciences, Canberra, Australia.
- NFR-3** Shaw, W. and M. Stocker. **An Update for Canadian Tuna Fisheries in the North and South Pacific Ocean for 2001.** Fisheries and Oceans Canada, Nanaimo, B.C., Canada.
- NFR-4** Xu Liuxiong. **National report of China.** Ocean College, Shanghai Fisheries University, Shanghai, P.R. China.
- NFR-6** Park, T. **National tuna fishery report for 2001 – Federated States of Micronesia.** Micronesian Fisheries Authority, Pohnpei, Federated States of Micronesia.
- NFR-7** Amoe, J. **Fiji tuna and billfish fisheries.** Fisheries Division, Ministry of Fisheries and Forests.
- NFR-8** Misselis, C. **French Polynesia tuna fisheries.** Service del la pêche, Tahiti, French Polynesia.

- NFR-9** Retnowati, D. **Tuna and tuna-like fisheries in Indonesia.** Directorate General of Capture Fishery, Sub Directorate of Data and Statistics, Jakarta, Indonesia.
- NFR-10** Koh, J-R, D-Y Moon, and D-H An. **National tuna fishery report in 2002 – Korea.** National Fisheries Research and Development Institute, Busan, Republic of Korea.
- NFR-11** **Marshall Islands National Tuna Fishery Report 2001-2002.** MIMRA Oceanic and Industrial Affairs, Marshall Islands Marine Resources Authority, Majuro, Republic of Marshall Islands.
- NFR-12** Etaix-Bonnin, R. **New Caledonia Tuna Fishery.** Service de la marine marchande et des pêches maritimes. Noumea, New Caledonia.
- NFR-13** Murray, T., Griggs, L., and P. Wallis. **New Zealand Domestic Tuna Fisheries, 1990 – 2001.** National Institute of Water and Atmospheric Research Ltd., Wellington and Ministry of Fisheries, Wellington.
- NFR-17** Kumoru, L. **National tuna fishery report – Papua New Guinea.** Papua New Guinea National Fisheries Authority, Port Moresby, Papua New Guinea.
- NFR-18** Barut, N. **National tuna fishery report – Philippines.** Marine Fisheries Research Division, National Fisheries Research and Development Institute, Quezon City, Philippines.
- NFR-20** Sua, D., P. Watt, and R. Imo. **Samoa national tuna fishery report.** Fisheries Division, Ministry of Agriculture, Forests, Fisheries and Meteorology, Apia, Samoa.
- NFR-21** Oreihaka, E. **Domestic tuna fisheries in the Solomon Islands .** Ministry of Fisheries and Marine Resources. Honiara, Solomon Islands.
- NFR-22** Wang, S-H, S-B Wang, and C-L Kuo. **National report: Update on tuna fisheries of Taiwan in the Pacific Region.** Overseas Fisheries Development Council of the Republic of China and Fisheries Administration, Council of Agriculture, R.O.C.
- NFR-23** Aho, M. **National Fisheries Report for Tonga.** Ministry of Fisheries, Nuku'alofa, Tonga.
- NFR-24** Ito, R., D. Hamm, A. Coan, and J. Childers. **Summary of U.S. fisheries statistics for highly migratory species in the central-western Pacific, 1997-2001.** National Marine Fisheries Service (NMFS), Honolulu Laboratory and National Marine Fisheries Service (NMFS), Southwest Fisheries Science Center, La Jolla.
- NFR-25** Naviti, W. **Vanuatu tuna fishery report.** Department of Fisheries, Port Vila, Vanuatu.
- NFR-26** Duong Long Tri. **Vietnam fisheries report.** Fisheries Information Centre (FICen), Ministry of Fisheries, Hanoi, Vietnam.

Statistics Working Group

- SWG-1** Lawson, T. **Status of data collection, compilation and dissemination.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- SWG-2** Lawson, T. **Estimates of annual catches of tuna in the western and central Pacific Ocean.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- SWG-3** Williams, P. **Estimates of annual catches for billfish species taken in commercial fisheries of the western and central Pacific Ocean.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- SWG-4** Lawson, T. A. Coan and M. Hinton. **Review of Taiwanese catch and effort logsheets.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, National Marine Fisheries Service, SWFSC, and Inter-American Tropical Tuna Commission (IATTC), La Jolla, CA.
- SWG-5** Lawson, T. **Sampling the proportions of bigeye in the catch by purse seiners in the western and central Pacific Ocean.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- SWG-6** Anonymous. **Report of the FAO expert consultation on the harmonization of catch certification schemes, 9-11 January 2002, La Jolla, California, United States of America.**
- SWG-7** Walsh, W. and S. Pooley. **Development and application of generalized additive models to correct incidental catch rates in the Hawaii-based longline fishery.** National Marine Fisheries Service (NMFS), Honolulu Laboratory, Hawaii.
- SWG-8** Williams, P. **Current status of data available from the Indonesian and Philippines domestic tuna fisheries.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- SWG-9** Crone, P. and A. Coan. **Sampling design and variability associated with estimates of species composition of tuna landings for the U.S. purse seine fishery in the central-western Pacific Ocean (1997-2001).** National Marine Fisheries Service (NMFS), Southwest Fisheries Science Center, La Jolla.

Methods Working Group

- MWG-1** Labelle, M. **Testing the accuracy of MULTIFAN-CL assessments of the WCPO yellowfin tuna fishery conditions .** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- MWG-2** Hampton, J. **Recent enhancements to the MULTIFAN-CL software.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- MWG-3** Wang, C.H. **Fundamental limitation of TAC as the goal of fishery management.** Institute of Oceanography, National Taiwan University, Taipei, Taiwan, R.O.C.

- MWG-4** Kleiber, P. **Standardizing longline fishing effort in stock assessment models: Effect of oceanic conditions**. National Marine Fisheries Service (NMFS), Honolulu Laboratory, Hawaii.
- MWG-5** Kolody, D. **SCALIA: Application of an integrated analysis stock assessment model to the 2002 SCTB Methods Working Group simulated tuna fishery data**. CSIRO Marine Research, Hobart, Australia.
- MWG-6** Bigelow, K. **Application of an ADAPT VPA model to the simulated population data**. National Marine Fisheries Service (NMFS), Honolulu Laboratory, Hawaii.
- MWG-7** Maunder, M., M. Hinton, K. Bigelow and S. Harley. **Statistical comparisons of habitat standardized effort and nominal effort**. Inter-American Tropical Tuna Commission (IATTC), La Jolla, CA, and National Marine Fisheries Service (NMFS), Honolulu Laboratory, Hawaii.
- MWG-8** Ricard, D. and D. Kolody. **Application of production models to the assessment of the SCTB-MWG simulated tuna fishery data**. CSIRO Marine Research, Hobart, Tasmania, Australia.

Fishing Technology Working Group

- FTWG-1** Coan, A. and G. Sakagawa. **The 2001 U.S. purse seine fishery for tropical tunas in the central-western Pacific**. National Marine Fisheries Service (NMFS), Southwest Fisheries Science Center, La Jolla, and National Marine Fisheries Service (NMFS), Southwest Regional Office, Pago Pago.
- FTWG-2** Coan, A. and D. Itano. **An update of factors that may have affected U.S. purse seine catch rates in the central-western Pacific Ocean: An examination of fishing strategy and effective fishing effort**. National Marine Fisheries Service (NMFS), Southwest Fisheries Science Center, La Jolla, and Pelagic Fisheries Research Program, Joint Institute for Marine and Atmospheric Research, University of Hawaii.
- FTWG-3** Gaertner, D. and P. Pallares. **The European Union Research Project, Efficiency of Tuna Purse-Seiners and Effective Effort (ESTHER): Scientific report of project**. Institute of Research for Development (IRD-UR 109), Sete Cedex, France, and Spanish Institute of Oceanography (IEO), Madrid, Spain.
- FTWG-4** Gaertner, D. and P. Pallares. **The European Union Research Project, Efficiency of Tuna Purse-Seiners and Effective Effort (ESTHER): ESTHER scientific documents and abstracts**. Institute of Research for Development (IRD-UR 109), Sete Cedex, France, and Spanish Institute of Oceanography (IEO), Madrid, Spain.
- FTWG-5** Reales, M. **Efficiency of Tuna Purse-Seiners and Effective Effort (ESTHER): Selected annotated bibliography**. Institute of Research for Development (IRD-UR 109), Sete Cedex, France.
- FTWG-6** Morón, J. **The WTPO and its significance in the world tuna purse seine fishery**. World Tuna Purse Seine Organization.

- FTWG-7** World Tuna Purse Seine Organization (WTPO). **WTPO Resolution, WTPO Declaration (2nd Interim Evaluation Meeting, Kaohsiung, Taiwan, 18 June 2002).**
- FTWG-8** Wu, R. **An overview of Taiwan distant water purse seine fishery – 2001.** Overseas Fisheries Development Council of the Republic of China, Taipei, Taiwan.
- FTWG-9** Itano, D. **Vessel and gear attributes in the Forum Fisheries Agency Regional Register of Vessels: How much is enough?** Pelagic Fisheries Research Program, Joint Institute for Marine and Atmospheric Research, University of Hawaii.
- FTWG-10** Itano, D. **Super superseiner.** Pelagic Fisheries Research Program, Joint Institute for Marine and Atmospheric Research, University of Hawaii
- FTWG-11** Beverly, S. **State of the art longliner 2002.** Coastal Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- FTWG-12** Kumoru, L. **Status of fish aggregating devices in Papua New Guinea.** National Fishing Authority (NFA), Port Moresby, Papua New Guinea.
- FTWG-13** Opnai, J. **Summary of the progress of the work on the review of the Palau Arrangement.** Forum Fisheries Agency, Honiara, Solomon Islands.
- FTWG-14** Opnai, J. **Summary of the FFC species working group meeting on options for bigeye management.** Forum Fisheries Agency, Honiara, Solomon Islands.
- FTWG-15** Gillett, R., M. McCoy, and D. Itano. **Status of the United States Western Pacific tuna purse seine fleet and factors affecting its future.** Gillett, Preston and Associates, Lami, Fiji, Pelagic Fisheries Research Program, Joint Institute for Marine and Atmospheric Research, University of Hawaii.

Research Groups

General

- RG-1** Wang, S-B, F-C Chang, S-H Wang, and C-L Kuo. **Some biological parameters of bigeye and yellowfin tunas distributed in surrounding waters of Taiwan.** Overseas Fisheries Development Council of the Republic of China, Taipei, and Fisheries Administration, Council of Agriculture, Taipei, Taiwan.
- RG-2** Wang, S-B, F-C Chang, S-H Wang, and S-K Chang. **Conversion factors estimated for bigeye and yellowfin tunas distributed in surrounding waters of Taiwan.** Overseas Fisheries Development Council of the Republic of China, Taipei, and Deep Sea Fishery Research and Development Center, Fisheries Administration, Council of Agriculture, Taipei, Taiwan.

Skipjack

- SKJ-1** Hampton, J. **Stock assessment of skipjack tuna in the western and central Pacific Ocean.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- SKJ-2** Maunder, M. **Status of skipjack tuna in the eastern Pacific Ocean in 2001 and outlook for 2002.** Inter-American Tropical Tuna Commission (IATTC), La Jolla, CA.
- SKJ-3** Williams, P. **A summary of aggregate catch/effort and size composition data available to the SCTB: Skipjack.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- SKJ-4** Sun, C. and S. Yeh. **Biological data collection and study on skipjack tuna caught by Taiwanese tuna purse seine fishery – 2001.** Institute of Oceanography, National Taiwan University, Taipei, Taiwan.
- SKJ-5** Lehodey, P. **SEPODYM development and application to skipjack population and fisheries.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.

Yellowfin

- YFT-1** Hampton, J. **Stock assessment of yellowfin tuna in the western and central Pacific Ocean.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- YFT-2** Sibert, J. and J. Hampton. **Lifetime displacements of tropical tunas: How much ocean do you need to conserve “your” tuna?** Pelagic Fisheries Research Program, Joint Institute for Marine and Atmospheric Research, University of Hawaii, and Oceanic Fisheries Programme, Secretariat of the Pacific Community.
- YFT-3** Maunder, M. **Status of yellowfin tuna in the eastern Pacific Ocean in 2001 and outlook for 2002.** Inter-American Tropical Tuna Commission (IATTC), La Jolla, CA.
- YFT-4** Kikkawa, B. and J. Cushing. **Growth of yellowfin tuna (*Thunnus albacares*) in the equatorial western Pacific Ocean.** National Marine Fisheries Service (NMFS), Honolulu Laboratory, and Dept. of Commerce, Govt. of Guam.
- YFT-5** Williams, P. **A summary of aggregate catch/effort and size composition data available to the SCTB: Yellowfin.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- YFT-6** Grubbs, R.D., K. Holland, and D. Itano. **Comparative trophic ecology of yellowfin and bigeye tuna associated with natural and man-made aggregation sites in Hawaiian waters.** Hawaii Institute of Marine Biology, University of Hawaii, and Pelagic Fisheries Research Program, Joint Institute for Marine and Atmospheric Research, University of Hawaii.

Bigeye

- BET-1** Hampton, J. **Stock assessment of bigeye tuna in the western and central Pacific Ocean.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- BET-2** Maunder, M. and S. Harley. **Status of bigeye tuna in the eastern Pacific Ocean in 2001 and outlook for 2002.** Inter-American Tropical Tuna Commission (IATTC), La Jolla, CA.
- BET-3** Polovina, J., M. Seki and R. Brainard. **The role of oceanography in the aggregation and vulnerability of bigeye tuna in the Hawaii longline fishery from satellite, moored, and shipboard time series data: An ongoing study.** National Marine Fisheries Service (NMFS), Honolulu Laboratory, Hawaii.
- BET-4** Williams, P. **A summary of aggregate catch/effort and size composition data available to the SCTB: Bigeye.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- BET-5** Adam, S., J. Sibert, D. Itano and K. Holland. **Analysis of Hawaii Tuna Tagging Project (HTTP) data from a site and size -specific tag-attribution model.** Pelagic Fisheries Research Program, Joint Institute for Marine and Atmospheric Research, University of Hawaii, and Hawaii Institute for Marine Biology, University of Hawaii.
- BET-6** Sun, C-L, M. Maunder, G. Watters, and S-Z Yeh. **An update of the application of the A-SCALA method to bigeye tuna in the western and central Pacific Ocean.** Institute of Oceanography, National Taiwan University, Taipei, and Inter-American Tropical Tuna Commission, La Jolla, CA.

Albacore

- ALB-1** Hampton, J. **Stock assessment of albacore tuna in the south Pacific Ocean.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- ALB-2** Seki, M. and J. Polovina. **A new study to characterize the oceanography of the American Samoa longline fishing grounds for albacore, *Thunnus alalunga*.** National Marine Fisheries Service (NMFS), Honolulu Laboratory, Hawaii.
- ALB-3** Williams, P. **A summary of aggregate catch/effort and size composition data available to the SCTB: South Pacific albacore.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- ALB-4** Millar, C. and P. Williams. **Further information on targeting in the south Pacific albacore fishery.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- ALB-5** Griggs, L. **Monitoring the length structure of commercial landings of albacore tuna during the 2001-2002 fishing year.** National Institute of Water and Atmospheric Research Ltd. (NIWA), Wellington, New Zealand.

- ALB-6** Lehodey, P. **Preliminary results of SEPODYM application to albacore in the Pacific Ocean.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- ALB-7** Wang, C-H. **Estimating the population parameter, r , q and K based on surplus production model.** Biological and Fishery Division, Institute of Oceanography, National Taiwan University, Taipei, Taiwan.

Billfish and Bycatch

- BBRG-1** Hinton, M. and W. Bayliff. **Status of striped marlin in the eastern Pacific Ocean in 2001 and outlook for 2002.** Inter-American Tropical Tuna Commission (IATTC), La Jolla, CA.
- BBRG-2** Hawn, D., M. Seki, and R. Nishimoto. **An investigation of the life history and ecology of opah and Monchong in the North Pacific.** National Marine Fisheries Service (NMFS), Honolulu Laboratory, Hawaii.
- BBRG-3** Kleiber, P. and K. Yokawa. **Stock assessment of swordfish in the North Pacific using MULTIFAN-CL.** National Marine Fisheries Service (NMFS), Honolulu Laboratory and National Research Institute of Far Seas Fisheries, Shimizu, Japan.
- BBRG-4** Laurs, R.M., C. Boggs, Y. Swimmer, and R. Brill. **NMFS Honolulu Laboratory research to reduce sea turtle Bycatch and mortality in pelagic longline fishing.** National Marine Fisheries Service (NMFS), Honolulu Laboratory, Joint Institute for Marine and Atmospheric Research, University of Hawaii, and Virginia Institute of Marine Science.
- BBRG-5** Polivina, J., E. Howell, D. Parker, and G. Balazs. **Dive-depth distribution of loggerhead (*Carretta carretta*) and olive ridley (*Lepidochelys olivacea*) turtles in the central North Pacific: Might deep longline sets catch fewer turtles?** National Marine Fisheries Service (NMFS), Honolulu Laboratory, and Joint Institute for Marine and Atmospheric Research, University of Hawaii.
- BBRG-6** Swimmer, Y. and R. Brill. **Determining survival, migration, and diving patterns of sea turtles released from longline fishing gear using pop-up satellite archival transmitters.** Joint Institute for Marine and Atmospheric Research, University of Hawaii and Virginia Institute of Marine Science.
- BBRG -7** Allain, V. **Food web study in the tuna ecosystem of the Western and Central Pacific Ocean.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- BBRG-8** Sun, C., H. Lin, and S. Yeh. **Age and growth of the young swordfish *Xiphias gladius* L. in Taiwan waters using otolith.** Institute of Oceanography, National Taiwan University, Taipei, Taiwan.
- BBRG-9** Campbell, R. **Sequential changes in swordfish catch rates off eastern Australia and possible implications for the spatial distribution of the local swordfish population.** CSIRO Division of Marine Research, Hobart, Tasmania, Australia.

BBRG-10 Kleiber, P., J. Hampton, M. Hinton, and Y. Uozumi. **Update on blue marlin stock assessment.** National Marine Fisheries Service, Honolulu Laboratory; Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia; Inter-American Tropical Tuna Commission, La Jolla, California; and National Research Institute of Far Seas Fisheries, Shimizu, Japan.