

## LIST OF WORKING PAPERS

SCTB 13 - Nouméa, New Caledonia, 5 – 12 July 2000

### *Information Reports*

Anonymous. **Report of the Twelfth Meeting of the Standing Committee on Tuna and Billfish (SCTB12), 16–23 June 1999, Papeete, Tahiti, French Polynesia.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia. 125 pp.

### *Overview of Western and Central Pacific Ocean Tuna Fisheries*

- GEN-1 Lewis A.D. & P.G. Williams. **Overview of the western and central Pacific Ocean tuna fisheries – 1999.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- GEN-2 Forum Fisheries Agency. **Economic overview of the tuna fishery, 1999.** Forum Fisheries Agency. Honiara. Solomon Islands.
- GEN-3 I-ATTC. **Resolutions adopted at the 66<sup>th</sup> meeting of the IATTC.** I-ATTC, La Jolla CA, USA
- GEN-4 Garcia S., R. Grainger & M. Taconet. **International Plan of Action on Fishery Status and Trends Reporting Partnership agreements for data exchange and the Fisheries Global Information System (FIGIS).** Food and Agriculture Organisation (FAO). United Nations.

### *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 target species in tuna fisheries of the western and central Pacific Ocean.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.

### *Research Groups*

#### **General**

- RG-1 Lehodey, P. **Impacts on the El Niño Southern Oscillation on tuna populations and fisheries in the tropical Pacific Ocean.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia
- RG-2 Lehodey, P. **Update on the spatial environmental population dynamics model : SEPODYUM.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia
- RG-3 Shono H., T. Matsumoto, M. Ogura & N. Miyabe. **Preliminary analysis of effect of fishing gears on catch rate for the Japanese purse seine fishery.** National Research Institute of Far Seas Fisheries. Japan.
- RG-4 Inagake, D. **Oceanographic Data in the National Research Institute of Far Seas Fisheries.** National Research Institute of Far Seas Fisheries. Japan.

- RG-5** Campbell, R. **Status Report on the Australian longline fishery off eastern Australia.** CSIRO. Division of Marine Research, Hobart, Australia.
- RG-6** An, D-H and Kim, J.Y. **Scientific Observations for Korean tuna purse seine fishery in the western and central Pacific Ocean in 1999.** National Fisheries Research and Development Institute (NFRDI). Republic of Korea.
- RG-7** Matsumoto, T., M. Ogura, N. Miyabe & H. Shono. **Creation of a database to identify factors affecting CPUE of the Japanese equatorial purse seine fishery.** National Research Institute of Far Seas Fisheries. Japan.
- RG-8** Itano, D.G. & K. M. Holland. **Hawaii Tuna Tagging Project.** Pelagic Fisheries Research Program, University of Hawaii and Hawaii Institute of Marine Biology, University of Hawaii.
- RG-9** Itano, D.G. **Current status and recent developments in the WCPO purseseine fishery.** Pelagic Fisheries Research Program, University of Hawaii.

### **Skipjack**

- SKJ-1** Leroy B. **Preliminary results on skipjack (*Katsuwonus pelamis*) growth.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- SKJ-2** Bigelow, K., J. Hampton & D. Fournier. **Preliminary application of the MULTIFAN-CL model to skipjack tuna in the tropical WCPO.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- SKJ-3** Lohodey, P. **An application of a Spatial Environment Population Dynamics Model (SEPODYM) to skipjack.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.

### **Yellowfin**

- YFT-1** Hampton, J. & D. Fournier. **Updated MULTIFAN-CL based assessment of yellowfin tuna.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- YFT-2** Sibert, J. **Report of the MULTIFAN-CL Workshop, 1-3 February, East-West Center, University of Hawaii, Honolulu.**
- YFT-3** I-ATTC. **Status of yellowfin tuna in the eastern Pacific Ocean (EPO).** Inter-American Tropical Tuna Commission.
- YFT-4** Sun, C-L. & S-Z. Yeh. **Updated CPUE of Central and Western Pacific Yellowfin Tuna from Taiwanese Tuna Fisheries.** Institute of Oceanography, National Taiwan University, Taipei, Taiwan, R.O.C.

## Bigeye

- BET- 1** Bigelow, K. A., J. Hampton, & N. Miyabe. **Application of a habitat-based model to estimate effective longline fishing effort and relative abundance of Pacific bigeye tuna (*Thunnus obesus*).** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia and National Research Institute of Far Seas Fisheries, Japan.
- BET- 2** Sun, C-L. & S-Z. Yeh. **Updated CPUE of Central and Western Pacific Bigeye Tuna from Taiwanese Tuna Longline Fisheries.** Institute of Oceanography, National Taiwan University, Taipei, Taiwan, R.O.C.
- BET- 3** *(NOT PROVIDED) Gunn, J. & J. Hampton. Preliminary results from archival tagging of bigeye tuna off north-eastern Australia. Commonwealth Scientific & Industrial Research Organisation, Australia and Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.*
- BET- 4** I-ATTC. **Status of bigeye tuna in the eastern Pacific Ocean (EPO).** Inter-American Tropical Tuna Commission.
- BET- 5** Marsac, F., A. Fonteneau & F. Ménard. **Potential Biological Effects of Drifting FADs on Tuna Populations: the Ecological Trap Hypothesis.** Institut de Recherche pour le Développement (IRD), Montpellier, France.

## Albacore

- ALB- 1** Hampton, J. & D. Fournier. **Update of MULTIFAN-CL based assessment of South Pacific albacore tuna.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- ALB-2** Wang, C-H. **Applied the improved surplus production method to assess the South Pacific Albacore Stocks (*Thunnus alalunga*), 1967-1998.** Institute of Oceanography, National Taiwan University, Taipei, Taiwan, ROC

## Billfish and Bycatch

- BBRG-1** Whitelaw, A.W. **Interactive session on billfish: Present knowledge, current and future research. An update for the year 2000.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- BBRG-2** Whitelaw, A.W. & J. Pepperell. **Present knowledge on Game Fisheries in the Western and Central Pacific.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia .
- BBRG-3** Williams, P.G & A.W. Whitelaw. **Estimates of annual catches for billfish species taken in commercial and recreational fisheries of the western and central Pacific Ocean.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- BBRG-4** I-ATTC. **Status of blue marlin in the Pacific Ocean.** Inter-American Tropical Tuna Commission.

- BBRG-5** Saito, H., & K. Yokawa. **Brief Review of the Japanese Swordfish Catch in the Pacific Ocean from 1971 to 1998.** National Research Institute of Far Seas Fisheries. Japan.
- BBRG-6** Matsumoto, T., Y. Uozumi, K. Uosaki, & M.Okazaki. **Preliminary review of billfish hooking depth measured by small bathythermograph systems attached to longline gear.** National Research Institute of Far Seas Fisheries. Japan.
- BBRG-7** Campbell, R. **Life-Status and retention of billfish caught by longline within the Australian fishing zone.** CSIRO. Division of Marine Research, Hobart, Australia.
- BBRG-8** Moon, D-Y, An, D-H, Kim, J.B. & Kim, J-Y **Overview of billfish catch by the Korean tuna longline fishery in the Pacific Ocean.** National Fisheries Research and Development Institute (NFRDI). Republic of Korea.
- BBRG-9** Sun, C-L., S-P. Wang & S-Z. Yeh. **Note on Taiwan water's swordfish spawning as indicated by gonad indices.** Institute of Oceanography, National Taiwan University, Taipei, Taiwan, R.O.C.
- BBRG-10** Whitelaw, A.W. **Report on availability of tags and data collection forms for developing gamefisheries.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- BBRG-11** Kleiber, P. **North Pacific Blue Shark Stock Assessment.** National Marine Fisheries Service Honolulu Laboratory, USA.
- BBRG-12** Young, J., A. Drake, T. Carter & J. Farley. **Reproductive dynamics of broadbill swordfish (*Xiphias gladius*) in the eastern Australian AFZ – preliminary results.** CSIRO Marine Research Hobart Tasmania, Australia.
- BBRG-13** Reeb, C.A., Arcangeli, L. & Block, B.A. **Structure and migration corridors in pacific populations of the swordfish, *Xiphias gladius*, as inferred through analysis of Mitochondrial DNA.** Hopkins Marine Station, Stanford University, California, USA.
- BBRG-14** Young, J., A. Cowling & C. Stanley. **A two boat study of the relationship between swordfish catch rates and fine - and broad-scale physical and environmental variables off eastern Australia.** CSIRO Marine Research Hobart Tasmania, Australia.
- BBRG-15** Sharples, P., D. Brogan and P. Williams. **A preliminary summary of (i) species identification problems, (ii) discarding practices and (iii) the life status of billfish taken in longline fisheries of the western and central Pacific Ocean, according to information collected by observers and logbook data.** Oceanic Fisheries Programme, Secretariat of the Pacific Community, Noumea, New Caledonia.
- BBRG-16** Laurs, M. **Hawaii Longline Fishery Incidental Catches of Sharks, Interactions with Sea Turtles and Seabirds, and Fishery Management and Court Actions.** NMFA, Honolulu, Hawaii.
- BBRG-17** ISC. **Report of the swordfish working group meeting.** Interim Scientific Committee for Tuna and tuna-like species in the North Pacific Ocean.
- BBRG-18** Laurs, M. **Biological Research on Swordfish at the NMFS Honolulu Laboratory.** NMFS, Honolulu, Hawaii.

## **MHLC**

- MHLC-1** **Background information on the MHLC process – Excerpts from the report of the 6th MHLC.**

### *National Tuna Fishery Reports*

- NFR-1 AMERICAN SAMOA**  
Curren, F. **The offshore pelagic fisheries of American Samoa.** Division of Fish and Wildlife. American Samoa.
- NFR-2 AUSTRALIA**  
Ward, P. and C. Robins. (2000) **Tuna and billfish fisheries of the north-eastern Australian Fishing Zone.** Bureau of Resource Sciences. Australia.
- NFR-3 CANADA**  
Argue, A.W. and W. Shaw. **An update for Canadian tuna fisheries in the north and south Pacific through 1999.** Fisheries and Oceans Canada.
- NFR-4 COOK ISLANDS**  
Mitchell, J. **Cook Islands Country Report.** Ministry of Marine Resources. Cook Islands.
- NFR-5 FSM**  
Park, T. **1999 FSM Fisheries Review.** Micronesian Maritime Authority. FSM
- NFR-6 FIJI**  
Tuwai, Iliapi L. **National Tuna Fisheries Report of Fiji as of 1999.** Ministry of Agriculture, Fisheries and Forests. Fiji.
- NFR-7 FRENCH POLYNESIA**  
Stein, A. **Status of French Polynesia Tuna Fisheries.** Service des Ressources Marines. Tahiti, French Polynesia.
- NFR-8 GUAM**  
Flores, T. **Guam's Small Boat Pelagic Fishery.** Division of Aquatic and Wildlife Resources, Department of Agriculture, Guam
- NFR-9 JAPAN**  
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- NFR-10 KIRIBATI**  
Tinga, R. **Kiribati National tuna fisheries report.** Ministry of Natural Resources. Kiribati.
- NFR-11 KOREA**  
Kim, J-Y **Korean tuna fisheries in the western Pacific Ocean.** National Fisheries Research and Development Institute (NFRDI). Republic of Korea.
- NFR-12 MARSHALL ISLANDS**  
Joseph, G. **Country Statement – Republic of the Marshall Islands.** Marshall Islands Marine Resources Authority. Marshall Islands.
- NFR-13 NEW CALEDONIA**  
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- NFR-14 NEW ZEALAND**  
Murray, T., K. Richardson, H. Dean & L. Griggs. **NATIONAL TUNA FISHERY REPORT 2000 – NEW ZEALAND.** National Institute of Water and Atmospheric Research Ltd. (NIWA), Wellington.

- NFR-15 NIUE**  
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- NFR-16 NORTHERN MARIANAS ISLANDS**  
Masga, F. **Northern Marianas Islands National tuna fishery report.** Division of Fish and Wildlife. Northern Marianas.
- NFR-17 PAPUA NEW GUINEA**  
Kumoru, L. & P. Polon **National Fisheroes Report – Papua New Guinea.** National Fisheries Authority. Papua New Guinea.
- NFR-18 SAMOA**  
Mulipola, A. **Status of the commercial tuna fishing in Samoa.** Fisheries Division. Ministry of Agriculture, Forests, Fisheries and Meteorology. Samoa.
- NFR-19 TAIWAN**  
Wang, S-B., S-K. Chang and C-L. Kuo. **Tuna Fishery of Taiwan in the Pacific Region During 1995-1999 period.** Overseas Fisheries Development Council of the Republic of China and Fisheries Administration, Council of Agriculture, R.O.C.
- NFR-20 SOLOMON ISLANDS**  
Diake, Sylvester. **Solomon Islands Country Statement.** Fisheries Division, Department of Agriculture & Fisheries. Solomon Islands.
- NFR-21 USA**  
Coan, A., J. Childers, R. Ito, B. Kikkawa & D. Hamm. **Summary of U.S. fisheries statistics for highly migratory species in the central-western Pacific, 1995-1999.** National Marine Fisheries Service. USA.