



CCSBT-EC/1510/06

DRAFT 2016 AND INDICATIVE 2017-2018 BUDGETS

Purpose

To agree a general budget for 2016 and consider the indicative budgets for 2017 to 2018.

Introduction

The July 2015 meeting of the CCSBT's Strategy and Fisheries Management Working Group (SFMWG) requested advice from the Extended Scientific Committee (ESC) in relation to:

- The ESC's relative research priorities for 2016 to 2018 inclusive, noting that the research budget is limited;
- The costs and benefits of continuing with the current MP including conducting the aerial survey from 2017 to 2019; and
- Any preliminary consideration of alternatives to the current MP approach including an indication of their relative costs and benefits if possible.

The ESC's advice in response to the SFMWG's requests contained three options ("A", "B" and "C") for rapid development of a new Management Procedure (MP), which will be required if the Extended Commission decides not to continue with the aerial survey and the current MP. Further details of these options are available in the Report of the Twentieth Meeting of the Scientific Committee (CCSBT-EC/1510/Rep02).

All three options have the same costs for 2016, so this paper does not differentiate between the three options for the 2016 budget. Furthermore, for the indicative budgets for 2017 and 2018, this paper only presents budgets for the ESC's options "A" and "B". This is because "A" and "B" were the ESC's preferred options (with "A" being most preferred) and because option C was both more costly and less preferred than option B.

The ESC's three-year workplan for meetings and projects to be funded by the ESC is provided at **Attachment A**. Regardless of the option ("A", "B", or "C") chosen, the cost to implement the full workplan greatly exceeds the Extended Commission's (EC's) preference of restricting fluctuations in contributions within +/- 10% of the previous year. Consequently, the paper identifies areas that the EC could consider for possible cost reductions.

The costs for the aerial survey, pilot gene tagging and close-kin genetics within the draft and indicative budgets include co-investment contributions by CSIRO, which has lowered the CCSBT costs for these projects. The contribution by CSIRO is 20% for the aerial survey, 40% for pilot gene tagging and 30% for the close-kin genetics. CSIRO's contribution is gratefully acknowledged.

Draft Budget for 2016

The draft general budget for 2016 is at **Attachment B**. This budget will allow the ESC's full workplan for 2016 to be implemented, but it requires a 19.7% increase in Member contributions together with a \$330,000 withdrawal from the Secretariat's savings.

The draft budget for 2016 differs from the interim draft budget for 2016 that was provided in Circular #2015/050 in the following main ways:

- The contribution to the budget by withdrawing from the Secretariat’s bank savings has been reduced from \$377,000 to the \$330,000 that was agreed at the July 2015 SFMWG meeting. It is hoped that potential cost savings identified in Table 1 and possibly elsewhere can be used to achieve the previously agreed increase in Member contributions of less than 10% together with the previously agreed withdrawal from the Secretariat’s savings.
- The ESC meeting cost has increased by \$28,800, due mainly to the appointment of an additional independent scientific panel member as recommended by the ESC to allow for overlap and succession with one of the existing panel members.
- OMMP technical meeting has reduced in cost by \$16,900. This is because the meeting is now planned as being two days in length and held immediately before the ESC as opposed to a four day meeting held on its own. Despite the reduced cost, the planned two-day meeting is \$20,100 more than the budget for a similar meeting held in 2015. This is because of plans for: (1) addition of a rest day between the two-day OMMP meeting and the six-day ESC meeting as requested by most Members’ ESC participants¹, which effectively increases the costs to that of a three day meeting; (2) inclusion of the ESC Chair and an additional panel member as per the ESC’s three-year workplan.
- Increased costs for the scientific program (excluding meetings) of \$115,300 despite a reduced cost for the aerial survey (of \$219,000) and removal of the otolith design and ageing calibration workshop (\$30,800). The increase is due to recommendations from the ESC to implement a pilot gene tagging project (\$204,000) to provide a recruitment index, and to commence processing of close-kin samples (\$160,000²) to provide a spawning biomass estimate for the 2017 stock assessment.
- Increase office costs of \$9,500 due to increased fees for the annual audit of the CCSBT’s Financial Statements. The audit is currently conducted by the Australian National Audit Office (ANAO) and, in the past, the audit has only required a nominal contribution from the CCSBT of \$5,000/year. However, on 8 September 2015, the ANAO advised the Secretariat that the ANAO needs to move to full cost recovery for future CCSBT audits. The audit was most recently valued at \$29,500. The ANAO has agreed to phase-in the move to full cost recovery by charging 50% of the costs for 2016 and 2017, with 100% of costs being charged to the CCSBT from 2018.

Other changes to the budget are minor and are mainly slight increases in the costs of all meetings and some of the other costs due to further declines in the value of the Australian dollar.

Table 1 provides a list of areas that the EC could consider for possible cost reductions. A reduction of \$181,000 or more is required to bring the increase in Member contributions to below 10% for 2016.

Table 1: Potential cost reductions for the 2016 Budget

Area	Description of potential saving	Maximum Potential Saving
ESC Meeting	Delaying appointment of an additional member of the independent scientific advisory panel until after the 2016 or 2017 ESC meetings, or until after one of the remaining panel members retires. This creates the risk that the panel may not operate at full effectiveness when the replacement panel member commences.	\$25,300

¹ It should be noted that the independent scientific advisory panel prefers not to have a rest day.

² This is \$160,000 above the cost of only collecting samples for later processing as included in the interim draft budget.

Area	Description of potential saving	Maximum Potential Saving
OMMP Meeting	Do not have a one-day rest between this meeting and the ESC and have only two panel members present and no ESC Chair. Different variants of this option could be used to provide a slightly smaller saving than that shown here.	\$19,500
SFMWG Meeting	This meeting has been included in the budget as a contingency. Depending on the discussion at CC10 and CCSBT22, it may be possible to remove this meeting with no adverse impact on the operation of the CCSBT.	\$60,400
Contribution to AD Model Builder Maintenance	At CCSBT 21, the EC agreed to contribute to the maintenance of the ADMB software by making donations to the ADMB Foundation. This free software is extensively used by CCSBT Scientists in their work on the Operating Model and Management Procedure. This is a voluntary donation that the CCSBT may cease. However, it is in the CCSBT's interest for this software to be maintained.	\$12,800
Pilot Gene Tagging Project	This project is essential to the ESC's plans to develop a new recruitment index to replace the aerial survey. However, three different costings have been provided for the different recapture sample sizes required for four different combinations of assumptions regarding the number of age 2 SBT and the level of overdispersion (see CCSBT-ESC/1509/40). The amount budgeted for 2016 was for the middle costing. The saving shown here is that for implementing the lowest costing (smallest sample size). The upper costing would be \$234,000/year. Given the importance of this project, the cost saving might not be worth the risk from having a reduced sample size.	\$16,500
Close-Kin Genetics	The budgeted amount is to process the minimum required close-kin samples to produce spawning biomass estimates for use in the 2017 stock assessment ³ . If sufficient funding is not available, the ESC recommended that close-kin samples collected each year also be processed in the same year to prevent the backlog of unprocessed samples from accumulating. This would result in a saving of \$119,000 for 2016, but a close-kin spawning biomass estimate would not be available for the 2017 stock assessment and the existing backlog of unprocessed samples would remain. The lowest cost option is to continue to collect samples for close-kin analysis, but not process those samples. This would result in a saving of \$160,125 in 2016, but a close-kin spawning biomass estimate would not be available for the 2017 stock assessment and the backlog of unprocessed samples would continue to grow, which would make it extremely costly in the future to process the backlog.	\$160,125
Assistance to Developing States	This funding has not been used in recent years and therefore, depending on the EC's workplan, it may no longer be required. An alternative may be to place this and this next item into a contingency fund for these purposes, and to "top-up" that fund as required at annual meetings rather than carry-forward the full amount in each year's budget.	\$12,500
Participation of ERSWG Chair in tRFMO ByCatch Working Group Discussions	The joint tRFMO bycatch working group has not held its planned electronic discussion sessions in recent years and therefore this amount may not be required. However, this was used to enable the ERSWG Chair to attend the CCSBT's SMMTG meeting in 2014. As mentioned for the previous item, it may be better to place this amount into a contingency fund rather than carrying forward the cost each year.	\$4,800
Quality Assurance Review	The budget assumes that two QARs (Korea and New Zealand) would be conducted in 2016. This could be reduced to a single QAR.	\$24,900

³ It should be noted that the co-investment by CSIRO on this option assumes that CCSBT funding would continue for four years to clear the backlog of samples that require processing.

Indicative Budgets for 2017 to 2018

Two indicative budgets are provided for 2017 to 2018. The first of these is provided at **Attachment C** and it is the budget for implementing the ESC's workplan with Option "A". The second indicative budget is at **Attachment D**, and this is the budget for implementing the ESC's workplan with Option "B". The only expenditure difference between these budgets is that in option "A", the aerial survey is conducted during both 2016 and 2017, whereas in option "B", the aerial survey is only conducted during 2016.

The indicative costs for 2017 and 2018 assume that the projects and meetings in the ESC's three-year workplan are conducted according to schedule. In most cases the costs are either based on actual estimates for the project/meeting or on the estimated 2016 costs plus a 2.5% CPI indexation. The main exceptions to this are:

- It has been assumed that ERSWG meetings would be held every second year, with the next meeting being held during 2017;
- It has been assumed that a single QAR would be conducted in 2017 to finish the current round of QARs and that two QARs would be conducted in 2018.
- An allowance has been made for consultancy costs in 2017 to examine systems /processes to better integrate and/or improve the collection and management of data/information submitted in accordance with CCSBT measures (see Agenda Item 3.2.1 on the Compliance Committee's Provision Agenda for its October 2015 meeting);
- Variations in home leave from 2016 to 2018 reflect the timing of staff entitlements to this leave;
- Recruitment expenses in 2017 are for replacement of the Deputy Executive Secretary, which is currently scheduled to occur in mid-2017;
- The increase in office costs in 2018 is primarily due to the move to full cost recovery by the Australian National Audit Office for audits of the CCSBT. A cheaper, private auditing option may be possible, but this would require a change to the CCSBT's Financial Regulations, which currently requires that the external auditor be the "Auditor-General or equivalent statutory authority from a Member of the Commission".

If no changes are made to the draft 2016 budget presented at **Attachment B**, then full implementation of options A and B (as presented in **Attachments C and D**) will require an increase in Members' contributions for 2017 (over the contribution for 2016) of 46.1% for option "A" and 24.9% for option "B". In 2018, the contribution required for option "A" would be 8.6% lower than in 2017, but for option "B", a further 6.9% increase in contributions would be required.

The above increases assume that the remaining \$170,000 of the Secretariat's available savings⁴ would be used to help offset the cost increases in 2017 and that the 19.7% increase in Member budgets for 2016 was accepted (or that sustained alternative sources of increased funding was obtain, such as through new Members). Any reduction in contribution by the Secretariat or in the draft 2016 budget would create a need for additional increases in 2017. Similarly, changes in the 2017 contribution would affect the percentage change in contributions required for 2018. Therefore, in determining the budget for 2016, the EC will need to carefully consider the impact of the 2016 budget on the contributions required for 2017 and 2018.

⁴ At the July 2015 meeting of the SFMWG, the Secretariat advised that up to \$500,000 of its savings could be used to help offset the initial costs of the ESC's three-year workplan.

Table 2 provides a list of areas that the EC could consider for possible cost reductions in 2017. For option “A”, a reduction of \$788,000 is required to reduce the increase in contributions for 2017 to below 10%. For option “B”, a reduction of \$327,000 would be required.

Table 2: Potential cost reductions for the indicative 2017 Budget.

Area	Description of potential saving	Maximum Potential Saving
Venues for ESC, CC and EC Meetings	Use of cheaper venues in less expensive cities could result in savings of potentially \$25,000 to \$100,000.	\$100,000
ERSWG Meeting	The ERSWG is currently budgeted on the assumption of holding the meeting in Tokyo at a venue supplied at no charge to the CCSBT. Changing the location to Canberra at a venue supplied at no charge to the CCSBT would result in savings.	\$29,700
ESC Meeting	See description in Table 1.	\$25,300
2-day OMMP Meeting	See description in Table 1.	\$19,500
5-day OMMP Meeting	This is currently budgeted to include a consultant, and four members of the independent scientific advisory panel (including the three current members and the replacement panel member) as per the ESC workplan. Reducing the panel to three members would result in savings, particularly if the excluded panel member had to travel to attend the meeting (i.e. did not live in the same city).	\$23,800
SFMWG Meeting	See description in Table 1.	\$62,000
Contribution to AD Model Builder Maintenance	See description in Table 1.	\$13,100
Pilot Gene Tagging Project	See description in Table 1.	\$16,500
Close-Kin Genetics	See description in Table 1. This is dependent on the approach used for 2016. Whatever approach is chosen for 2016 is likely to continue in 2017. For example, if the full proposed work commenced in 2016, it would not be possible to reduce these costs because a four-year commitment would have been made.	\$160,125
Intersessional compliance work (consultant)	The merit of this work will be considered at CC10. It is possible that this work is not required	\$50,000
Assistance to Developing States	See description for Table 1.	\$12,500
Participation of ERSWG Chair in tRFMO ByCatch Working Group Discussions	See description for Table 1.	\$4,800

Attachment A

Three year workplan for meetings/projects to be funded by the CCSBT

(from Attachment 7 of the Report of the Twentieth Meeting of the Scientific Committee)

(abbreviations: Sec=Secretariat Staff, Interp=Interpretation, IC=Independent ESC Chair, P=Independent Advisory Panel, C=Consultant, IE=Invited Expert, Cat=Catering only, FM=full meeting costs – venue & equipment hire etc., Contract=CCSBT contract with CSIRO)

Resources required for ESC meetings/projects to be funded by CCSBT			
	2016	2017	2018
OMMP Meeting <i>(before ESC, no Interp¹)</i>	2 days FM: IC, 3P, 2 Sec	2 days FM: IC, 3P, 2 Sec	2 days FM: IC, 3P, 2 Sec
ESC Meeting	6 days FM: IC, 4P, 3 Interp, 3 Sec	6 days FM: IC, 4P, 3 Interp, 3 Sec	6 days FM: IC, 4P, 3 Interp, 3 Sec
Intersessional OMMP Meeting in Seattle <i>(no Sec, no Interp)</i>	-	5 days Cat: 4P, C, Cat	5 days Cat: 4P, C, Cat
CPUE Webinar	3 Panel days	3 Panel days	3 Panel days
Routine OMMP Code Maintenance / Development	5 C days	5 C days	5 C days
Continued close-kin sample collection (~36K)	Contract	Contract	Contract
Continued aging of Indonesian otoliths (~15K)	Contract	Contract	Contract
Scientific Aerial Survey	Contract	Dependent on option. Occurs for options A & C, but not B	-
Pilot Gene Tagging Project	50% Contract 50% Members	50% Contract 50% Members	-
Long-term Gene Tagging	-	Dependent on option. Releases occur under Contract for options A & B, but not C	Contract. For option A&B, this is release and recapture, for option C, it is release only
Process the minimum required close-kin samples to produce estimates to use in the 2017 stock assessment ² . If sufficient CCSBT funding is not available, process the close-kin samples collected in the same year to prevent the backlog accumulating.	Contract	Contract	Contract

Note the following:

- The gene tagging pilot requires co-funding from Members

¹ Interpretation is not required for 2016, but it may be required for 2017 and 2018 depending on the participants involved and the nature of discussions. This will be decided in 2016.

² This is only processing the minimum required samples for the assessment. Further processing would need to be conducted in 2018 and 2019 in order to clear the backlog.

DRAFT GENERAL BUDGET for 2016

INCOME	APPROVED 2015 BUDGET	DRAFT REVISED 2015 BUDGET	DRAFT 2016 BUDGET
Contributions from members	\$1,823,716	\$1,823,716	\$2,182,205
Japan	\$562,015	\$562,015	\$672,491
Australia	\$562,015	\$562,015	\$672,491
New Zealand	\$174,298	\$174,298	\$208,560
Korea	\$185,934	\$185,934	\$222,483
Fishing Entity of Taiwan	\$185,934	\$185,934	\$222,483
Indonesia	\$153,520	\$153,520	\$183,697
Staff Assessment Levy	\$71,000	\$90,421	\$93,300
Carryover from previous year	\$240,084	\$240,084	\$219,096
Withdrawal from savings	\$0	\$20,000	\$330,000
Interest on investments	\$55,000	\$63,416	\$24,000
TOTAL GROSS INCOME	\$2,189,800	\$2,237,637	\$2,848,600

EXPENDITURE	APPROVED 2015 BUDGET	DRAFT REVISED 2015 BUDGET	DRAFT 2016 BUDGET
ANNUAL MEETING - (CC/EC/CCSBT)	\$216,100	\$212,279	\$350,600
Independent chairs	\$34,500	\$49,816	\$39,300
Interpretation costs	\$51,000	\$49,202	\$52,100
Hire of venue & catering	\$50,900	\$42,200	\$155,800
Hire of equipment	\$22,500	\$25,000	\$42,500
Translation of meeting documents	\$10,000	\$0	\$10,000
Secretariat expenses	\$47,200	\$46,061	\$50,900
SC/ESC Meeting	\$206,700	\$171,050	\$240,300
Interpretation costs	\$38,000	\$34,124	\$42,900
Hire of venue & catering	\$35,300	\$25,103	\$22,600
Hire of equipment	\$27,100	\$23,150	\$18,000
Hire of consultants - Chairs and Advisory Panel	\$75,900	\$63,421	\$119,100
Translation of meeting documents	\$1,000	\$0	\$1,000
Secretariat expenses	\$29,400	\$25,251	\$36,700
SUB-COMMITTEE MEETINGS	\$175,300	\$142,495	\$103,200
Ecologically Related Species WG Meeting	\$102,600	\$77,606	\$0
Strategy and Fisheries Management WG Meeting	\$50,000	\$47,139	\$60,400
OMMP Technical Meeting (2 day, prior to ESC)	\$22,700	\$17,750	\$42,800
SCIENCE PROGRAM	\$338,300	\$233,454	\$907,700
Intersessional OM/MP Maintenance & Development	\$6,500	\$6,500	\$8,100
Contribution to AD Model Builder Maintenance	\$12,400	\$12,400	\$12,800
Development of the CPUE series	\$3,600	\$3,554	\$4,300
Tagging program coordination	\$1,000	\$1,000	\$1,000
Scientific Aerial Survey	\$100,000	\$0	\$461,300
Pilot Gene Tagging Project	\$75,000	\$75,000	\$204,000
Close-kin genetics	\$120,000	\$120,000	\$196,000
Aging Indonesian Otoliths	\$15,000	\$15,000	\$15,400
Participation of ERSWG Chair in tRFMO ByCatch WG	\$4,800	\$0	\$4,800
SPECIAL PROJECTS	\$147,500	\$152,725	\$72,500
Assistance to Developing States	\$12,500	\$0	\$12,500
Quality Assurance Review	\$35,000	\$32,725	\$60,000
Market Research	\$100,000	\$100,000	\$0
Development of new website	\$0	\$20,000	\$0

SECRETARIAT COSTS	\$968,500	\$972,338	\$1,025,700
Secretariat staff costs	\$653,700	\$654,089	\$684,300
Staff assessment levy	\$71,000	\$90,421	\$93,300
Employer social security	\$117,500	\$115,613	\$125,600
Insurance -worker's compensation/ travel/contents	\$12,000	\$12,087	\$12,300
Travel/transport	\$28,400	\$21,444	\$25,700
Translation of meeting reports	\$21,500	\$22,100	\$26,000
Training	\$2,000	\$2,053	\$2,000
Home leave allowance	\$11,400	\$3,100	\$13,000
Other employment expense	\$2,100	\$2,531	\$3,100
Staff liability fund (accumulating)	\$48,900	\$48,900	\$40,400
OFFICE MANAGEMENT COSTS	\$137,400	\$134,200	\$148,600
Office lease and storage	\$59,700	\$59,446	\$61,300
Office costs	\$60,300	\$59,131	\$72,400
Provision for new/replacement assets	\$7,700	\$7,800	\$6,200
Telephone/communications	\$9,700	\$7,823	\$8,700
TOTAL GROSS EXPENDITURE	\$2,189,800	\$2,018,541	\$2,848,600

INDICATIVE BUDGET for 2017 to 2018 with ESC Option A

INCOME	DRAFT 2016 BUDGET	Indicative 2017 Budget	Indicative 2018 Budget
Contributions from members	\$2,182,205	\$3,187,130	\$2,914,600
Japan	\$672,491	\$982,180	\$898,194
Australia	\$672,491	\$982,180	\$898,194
New Zealand	\$208,560	\$304,603	\$278,557
Korea	\$222,483	\$324,938	\$297,153
Fishing Entity of Taiwan	\$222,483	\$324,938	\$297,153
Indonesia	\$183,697	\$268,292	\$245,350
Staff Assessment Levy	\$93,300	\$95,700	\$98,100
Carryover from previous year	\$219,096	\$50,000	50,000
Withdrawal from savings	\$330,000	\$170,000	0
Interest on investments	\$24,000	\$20,500	20,500
TOTAL GROSS INCOME	\$2,848,600	\$3,523,330	3,083,200

EXPENDITURE	DRAFT 2016 BUDGET	Indicative 2017 Budget	Indicative 2018 Budget
ANNUAL MEETING - (CC/EC/CCSBT)	\$350,600	\$359,600	\$368,900
Independent chairs	\$39,300	\$40,300.00	\$41,400.00
Interpretation costs	\$52,100	\$53,500.00	\$54,900.00
Hire of venue & catering	\$155,800	\$159,700.00	\$163,700.00
Hire of equipment	\$42,500	\$43,600.00	\$44,700.00
Translation of meeting documents	\$10,000	\$10,300.00	\$10,600.00
Secretariat expenses	\$50,900	\$52,200.00	\$53,600.00
SC/ESC Meeting	\$240,300	\$246,600	\$253,000
Interpretation costs	\$42,900	\$44,000	\$45,100
Hire of venue & catering	\$22,600	\$23,200	\$23,800
Hire of equipment	\$18,000	\$18,500	\$19,000
Hire of consultants - Chairs and Advisory Panel	\$119,100	\$122,100	\$125,200
Translation of meeting documents	\$1,000	\$1,100	\$1,200
Secretariat expenses	\$36,700	\$37,700	\$38,700
SUB-COMMITTEE MEETINGS	\$103,200	\$304,030	\$201,300
Ecologically Related Species WG Meeting	\$0	\$107,730	0
Strategy and Fisheries Management WG Meeting	\$60,400	\$62,000	\$63,600
OMMP Technical Meeting (5 day, intersessional)	\$0	\$90,400	92,700
OMMP Technical Meeting (2 day, prior to ESC)	\$42,800	\$43,900	\$45,000
SCIENCE PROGRAM	\$907,700	\$1,249,000	\$924,400
Intersessional OM/MP Maintenance & Development	\$8,100	\$8,400	\$8,600
Contribution to AD Model Builder Maintenance	\$12,800	\$13,100	\$13,400
Development of the CPUE series	\$4,300	\$4,400	\$4,500
Tagging program coordination	\$1,000	\$1,000	\$1,000
Scientific Aerial Survey	\$461,300	\$461,300	\$0
Pilot Gene Tagging Project	\$204,000	\$204,000	\$0
Long-Term Gene Tagging Project	\$0	\$340,000	\$680,000
Close-kin genetics	\$196,000	\$196,000	\$196,000
Aging Indonesian Otoliths	\$15,400	\$15,800	\$15,800
Participation of ERSWG Chair in tRFMO ByCatch WG	\$4,800	\$5,000	\$5,100
SPECIAL PROJECTS	\$72,500	\$97,400	\$84,000
Assistance to Developing States	\$12,500	\$12,500	\$12,500
Quality Assurance Review	\$60,000	\$34,900	\$71,500
Intersessional compliance work (consultant)	\$0	\$50,000	\$0

SECRETARIAT COSTS	\$1,025,700	\$1,114,100	\$1,078,000
Secretariat staff costs	\$684,300	\$701,500	\$719,100
Staff assessment levy	\$93,300	\$95,700	\$98,100
Employer social security	\$125,600	\$128,800	\$132,100
Insurance -worker's compensation/ travel/contents	\$12,300	\$12,700	\$13,100
Travel/transport	\$25,700	\$26,400	\$27,100
Translation of meeting reports	\$26,000	\$26,700	\$27,400
Training	\$2,000	\$2,100	\$2,200
Home leave allowance	\$13,000	\$2,000	\$13,000
Other employment expense	\$3,100	\$3,200	\$3,300
Recruitment expenses	\$0	\$73,500	\$0
Staff liability fund (accumulating)	\$40,400	\$41,500	\$42,600
OFFICE MANAGEMENT COSTS	\$148,600		
Office lease and storage	\$61,300	\$62,900	\$64,500
Office costs	\$72,400	\$74,300	\$93,200
Provision for new/replacement assets	\$6,200	\$6,400	\$6,600
Telephone/communications	\$8,700	\$9,000	\$9,300
TOTAL GROSS EXPENDITURE	\$2,848,600	\$3,523,330	\$3,083,200

INDICATIVE BUDGET for 2017 to 2018 with ESC Option B

INCOME	DRAFT 2016 BUDGET	Indicative 2017 Budget	Indicative 2018 Budget
Contributions from members	\$2,182,205	\$2,725,830	\$2,914,600
Japan	\$672,491	\$840,021	\$898,194
Australia	\$672,491	\$840,021	\$898,194
New Zealand	\$208,560	\$260,516	\$278,557
Korea	\$222,483	\$277,907	\$297,153
Fishing Entity of Taiwan	\$222,483	\$277,907	\$297,153
Indonesia	\$183,697	\$229,460	\$245,350
Staff Assessment Levy	\$93,300	\$95,700	\$98,100
Carryover from previous year	\$219,096	\$50,000	50,000
Withdrawal from savings	\$330,000	\$170,000	0
Interest on investments	\$24,000	\$20,500	20,500
TOTAL GROSS INCOME	\$2,848,600	\$3,062,030	3,083,200

EXPENDITURE	DRAFT 2016 BUDGET	Indicative 2017 Budget	Indicative 2018 Budget
ANNUAL MEETING - (CC/EC/CCSBT)	\$350,600	\$359,600	\$368,900
Independent chairs	\$39,300	\$40,300.00	\$41,400.00
Interpretation costs	\$52,100	\$53,500.00	\$54,900.00
Hire of venue & catering	\$155,800	\$159,700.00	\$163,700.00
Hire of equipment	\$42,500	\$43,600.00	\$44,700.00
Translation of meeting documents	\$10,000	\$10,300.00	\$10,600.00
Secretariat expenses	\$50,900	\$52,200.00	\$53,600.00
SC/ESC Meeting	\$240,300	\$246,600	\$253,000
Interpretation costs	\$42,900	\$44,000	\$45,100
Hire of venue & catering	\$22,600	\$23,200	\$23,800
Hire of equipment	\$18,000	\$18,500	\$19,000
Hire of consultants - Chairs and Advisory Panel	\$119,100	\$122,100	\$125,200
Translation of meeting documents	\$1,000	\$1,100	\$1,200
Secretariat expenses	\$36,700	\$37,700	\$38,700
SUB-COMMITTEE MEETINGS	\$103,200	\$304,030	\$201,300
Ecologically Related Species WG Meeting	\$0	\$107,730	0
Strategy and Fisheries Management WG Meeting	\$60,400	\$62,000	\$63,600
OMMP Technical Meeting (5 day, intersessional)	\$0	\$90,400	92,700
OMMP Technical Meeting (2 day, prior to ESC)	\$42,800	\$43,900	\$45,000
SCIENCE PROGRAM	\$907,700	\$787,700	\$924,400
Intersessional OM/MP Maintenance & Development	\$8,100	\$8,400	\$8,600
Contribution to AD Model Builder Maintenance	\$12,800	\$13,100	\$13,400
Development of the CPUE series	\$4,300	\$4,400	\$4,500
Tagging program coordination	\$1,000	\$1,000	\$1,000
Scientific Aerial Survey	\$461,300	\$0	\$0
Pilot Gene Tagging Project	\$204,000	\$204,000	\$0
Long-Term Gene Tagging Project	\$0	\$340,000	\$680,000
Close-kin genetics	\$196,000	\$196,000	\$196,000
Aging Indonesian Otoliths	\$15,400	\$15,800	\$15,800
Participation of ERSWG Chair in tRFMO ByCatch WG	\$4,800	\$5,000	\$5,100
SPECIAL PROJECTS	\$72,500	\$97,400	\$84,000
Assistance to Developing States	\$12,500	\$12,500	\$12,500
Quality Assurance Review	\$60,000	\$34,900	\$71,500
Intersessional compliance work (consultant)	\$0	\$50,000	\$0

SECRETARIAT COSTS	\$1,025,700	\$1,114,100	\$1,078,000
Secretariat staff costs	\$684,300	\$701,500	\$719,100
Staff assessment levy	\$93,300	\$95,700	\$98,100
Employer social security	\$125,600	\$128,800	\$132,100
Insurance -worker's compensation/ travel/contents	\$12,300	\$12,700	\$13,100
Travel/transport	\$25,700	\$26,400	\$27,100
Translation of meeting reports	\$26,000	\$26,700	\$27,400
Training	\$2,000	\$2,100	\$2,200
Home leave allowance	\$13,000	\$2,000	\$13,000
Other employment expense	\$3,100	\$3,200	\$3,300
Recruitment expenses	\$0	\$73,500	\$0
Staff liability fund (accumulating)	\$40,400	\$41,500	\$42,600
OFFICE MANAGEMENT COSTS	\$148,600		
Office lease and storage	\$61,300	\$62,900	\$64,500
Office costs	\$72,400	\$74,300	\$93,200
Provision for new/replacement assets	\$6,200	\$6,400	\$6,600
Telephone/communications	\$8,700	\$9,000	\$9,300
TOTAL GROSS EXPENDITURE	\$2,848,600	\$3,062,030	\$3,083,200