



2019-2020 Budget Report

OceanOPS

Focus on OceanGliders

GOOS Observations Coordination Group

Brest, France

September 2020

M. Belbéoch and E. Rusciano

Joint WMO-IOC Centre for Oceanography and Marine Meteorology
in-situ Observations Programme Support

Index

INTRODUCTION	3
NATIONAL CONTRIBUTIONS (2019)	4
NETWORKS CONTRIBUTIONS (2019)	6
CONSOLIDATED ACCOUNTING (2019)	9
INTERIM BUDGET (2020)	11
ANTICIPATED BUDGET (2021)	13
CONCLUSIONS and RECOMMENDATIONS	15
OFFICIAL STATEMENTS	17

1. INTRODUCTION

This document provides the yearly OceanOPS financial report for calendar year 2019, the interim budget for year 2020 and the anticipated budget for 2021.

The interim and anticipated budget were already validated by OCG Group during the last OCG-11 meeting in May 2020.

All official statements account and budget information can be requested to Emanuela Rusciano erusciano@oceops.org

Disclaimer

The information provided in this report could be affected by a small percentage of error due to the different currency rate exchanges in the different Trust Funds.

2. NATIONAL CONTRIBUTIONS (2019)

During 2019, 1M\$ were cashed vs 569K\$ cashed in 2018.

The total 1M\$ budget includes funds from European Projects in which OceanOPS is involved and delivering numerous deliverables in line with its 5-year strategy. It is important to note that during the last years OceanOPS has been raising new funds through European Projects and these projects as well as the OceanOPS savings are helping OceanOPS to absorb some deficit in the operational budget to stabilize some staff.

Main highlights for 2019:

OceanOPS received 312K\$ of new funds from European Union Projects in which OceanOPS is involved;

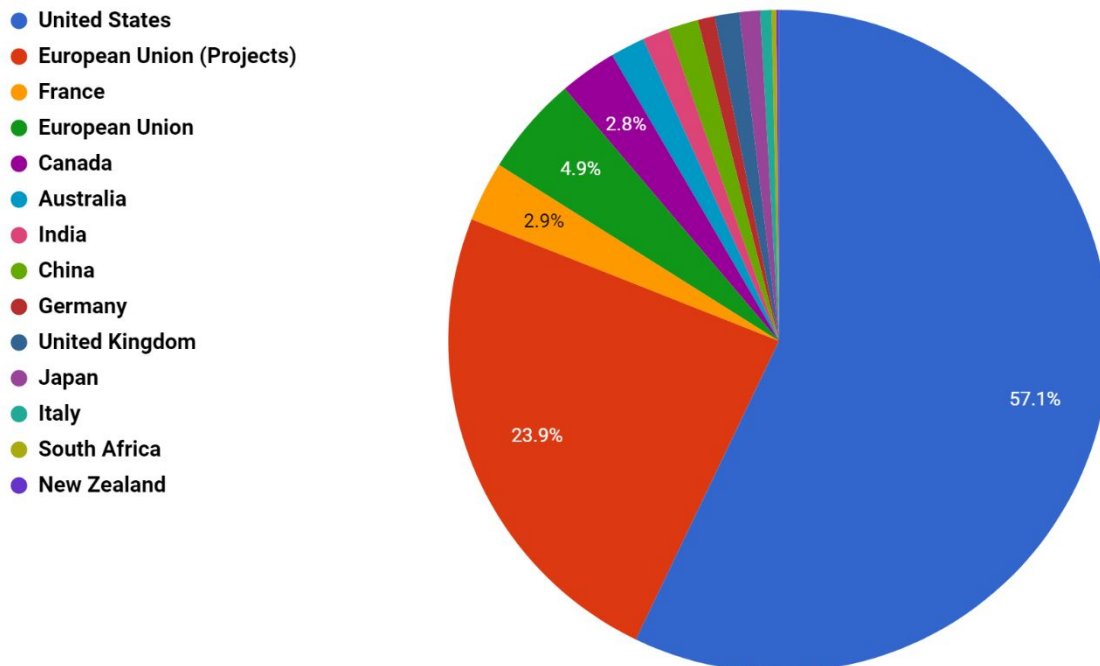
Overlapping contributions from NOAA;

New Australian contribution received in support of SOOPIP/OceanOPS Coordination (the contribution is planned for 3 years 2019-2021).

New GEOMAR contribution in favor of OceanSITES/OceanOPS

OceanGliders Program was reasonably funded during the first year of coordination but today is highly dependent on European Union projects and one European contribution from EmodNET.

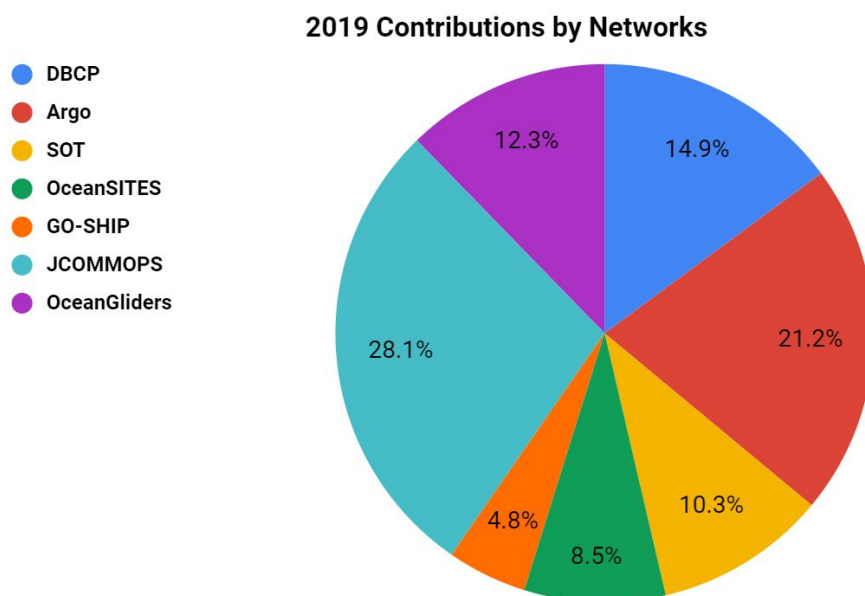
2019 JCOMMOPS Total Contributions by Countries



The international diversity of funding sources is important for the centre, but it is not achieved for all networks and actions should be taken to broaden/diversify funding base of some networks.

The contribution from EUMETNET members (ESURFMAR program) is included for simplification in the European Union chart section and represents 3.75% of total contributions.

3. NETWORKS CONTRIBUTIONS (2019)



Note: Contributions in favour of OceanOPS are for the integrated support to the centre (still noted JCOMMOPS above).

2019 Contributions in favour of [OceanGliders](#) coordination at OceanOPS

Donors	USD	AUD	EUR	Trust Fund	Comments
France (CNRS)			20K	IOC	
Europe (EmodNET)			41K	IOC	(75% of total)
EuroSea Project (WMO)	34K			WMO	(25% of 1st payment)
TOTAL	106K\$				

2020 Contributions in favour of [OceanGliders](#) coordination at OceanOPS

Donors	USD	AUD	EUR	Trust Fund	Comments
USA (NOAA)	29K				
Europe (EmodNET)			41K	IOC	(75% of total)
EuroSea Project (WMO)	34K			WMO	(25% of 1st payment)
TOTAL	111K\$				

2021 Expected contributions in favour of [OceanGliders](#) coordination at OceanOPS

Donors	USD	AUD	EUR	Trust Fund	Comments
USA (NOAA)	29K				
Europe (EmodNET)			41K	IOC	75% of total
EuroSea Project (WMO)	34K			WMO	25% of 1st payment
TOTAL	111K\$				

2019 [OceanGliders](#) coordination Expenses

Expenses	USD	Trust Fund	Comments
Salary	51K	IOC	6 months
Travels	6K	IOC	
Infrastructure	4K	WMO	6 months
IT dev support	9K	WMO	1 month dedicated work
TOTAL	70K\$		

Note: these expenditures attributed to OceanGliders are an estimation but don't include the support provided by the rest of the Team but only specific work provided to OceanGliders.

2020 OceanGliders coordination Expenses

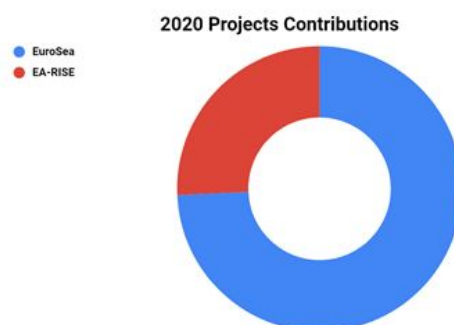
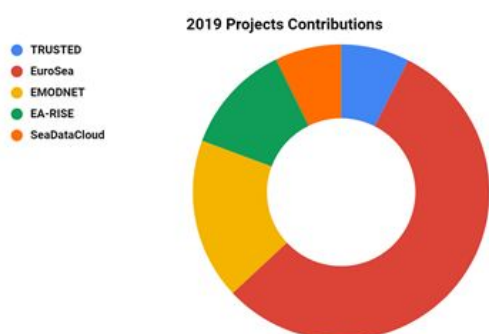
Expenses	USD	Trust Fund	Comments
Salary	82K	IOC	80% total salary; 20% is for regional coordination activity
Travels	0	IOC	no travels due to pandemic
Infrastructure	8K	WMO	
IT dev support	27K	WMO	3 months dedicated work
TOTAL	117K\$		

Note: these expenditures attributed to OceanGliders are an estimation but don't include the support provided by the rest of the Team but only specific work provided to OceanGliders.

2019 & 2020 EU Projects funds

Incoming 2019 Projects funds : 312 k\$

- TRUSTED 23k\$ (CLS TF)
- SeaDataCloud 23k\$ (CLS TF)
- EuroSea 135k\$ (WMO/JCOMMOPS TF)
- EuroSea 39k\$ (IOC/JCOMMOPS TF)
- EuroARGO-RISE 37k\$ (WMO/JCOMMOPS TF)



Incoming 2020 Projects funds : 146k\$

- EuroSea 70k\$ (WMO/JCOMMOPS TF)
- EuroSea 39k\$ (IOC/JCOMMOPS TF)
- EuroARGO-RISE 37\$ (WMO/JCOMMOPS TF)

4. CONSOLIDATED ACCOUNTING (2019)

Main features:

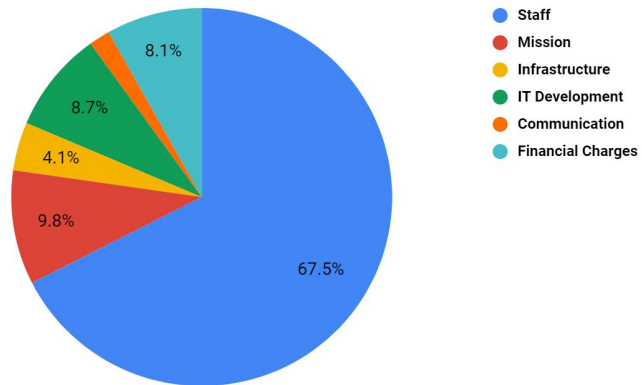
- National contributions slightly increased
- Project contributions increased and substantial
- Yearly balance positive, carry forward increased
- Comfortable surplus for 2020

Item / USD \$	JCOMM TF	WMO/WHOI	DBCP TF	IOC TF	EXTRA IOC	CLS TF	2019 BUDGET
INCOMES							
CARRY FORWARD AT 2019-01-01	391,669		25,228	222,801		2,162	641,860
YEARLY CONTRIBUTIONS 2019	74,856	435,734	87,807	60,950		70,887	730,233
INCOMES PROJECTS EU			194,887	93,888	10,000	23,304	322,079
TOTAL INCOMES							1,694,172
TOTAL AVAILABLE BUDGET 2019	466,525	435,734	307,922	377,639	10,000	96,353	1,694,172
EXPENSES							
TC Argo / JCOMMOPS Lead position	155,708						155,708
TC DBCP / OceanSITES position	118,776						118,776
TC SOT/GO-SHIP/Cruises position	118,776						118,776
I.T. Engineer position *			65,128				65,128
TC Science Communication position				60,000			60,000
TC Gliders / Regional (7 months)				56,000			56,000
TOTAL STAFF	393,260	0	65,128	116,000	0	0	574,388
TC Argo/JCOMMOPS travels				20,487	5,000		25,487
TC DBCP/OceanSITES travels			18,826				18,826
TC SOT/GO-SHIP travels			9,211		10,000		19,211
I.T. Engineer travels						7,484	7,484
TC Science Communication travels				6,050			6,050
TC Gliders / Regional				6,050			6,050
JCOMMOPS Strategy consultants			15,000				15,000
TOTAL MISSION	0		28,037	32,586	15,000	7,484	83,107
I.T. Hosting (Cloud) *			35,069				35,069
Activities (meetings, supplies, misc.)						114	114
Office **							0
TOTAL INFRASTRUCTURE	0		35,069	0	0	114	35,183
OVERHEAD 10%**	39,326	0	12,823	14,859	1,500	760	69,268
TOTAL OPERATIONAL BUDGET (EXPENSES)	432,586	0	141,057	163,445	16,500	8,358	761,946
NON JCOMMOPS							
STAFF SALARY 100% RESERVE	393,260	0		60,000			453,260
BUDGET AVAILABLE FOR PROJECTS			166,864	154,194	(6,500)	87,995	478,966
Project #1: Communication (Report Card)						12,704	12,704
Project #2.1: Web Development Support (01-03) (78days)						29,657	29,657
Project #2.2: Web Development Support (04-06)						14,828	14,828
Project #2.3: Web Development Support (07) (23 days)						8,975	8,975
Project #2.4: Web Development Support (09-10) (44 days)						16,780	16,780
Project #2.5: Web Development Support (11) (9 days)						3,512	3,512
							0
Project #4: Communication OO19				2,400			2,400
DEBT RESOLUTION IOC (DBCP TC SALARY)				123,000			
TOTAL DEVELOPMENTS / PROJECTS	0	0	0	125,400	0	86,456	88,856
TOTAL EXPENSES	432,586	0	141,057	288,845	16,500	94,815	850,803
BALANCE 2019-12-31	33,939	435,734	166,864	211,794	0	1,538	849,870

All numbers in grey have been verified, rest are estimations currently being verified.

JCOMMOPS 2019 Expenditures by type

2019 Expenditures	
Staff	\$ 574,388
Mission	\$ 83,107
Infrastructure	\$ 35,183
IT Development	\$ 73,752
Communication	\$ 15,104
Financial Charges	\$ 69,268
Total	\$ 850,917



Balance

☐ 2019 Incomes (1,694M\$) – 2019 Expenditures (850,803 K\$) = 849,870 K\$
 Carried over in January 2020: 850 K\$

5. INTERIM BUDGET (2020)

Item / USD \$	JCOMM TF	WMO/NOAA	DBCP TF	IOC TF	CLS TF	2020 BUDGET
INCOMES						
CARRY FORWARD AT 2020-01-01	33,939	435,734	166,864	77,713	1,538	715,789
EXPECTED CONTRIBUTIONS		487,274	87,807	139,797	27,000	741,878
EUROARGO-RISE project 2/2			36,619			36,619
EUROSEA (WMO) 2/3			70,000			70,000
EUROSEA (IOC) 2/3				42,557		42,557
Seadatacloud EU Project - END			7,480			
Monaco				82,938		82,938
EMODNET				64,900		64,900
TOTAL AVAILABLE BUDGET 2020	33,939	923,008	368,770	407,905	28,538	1,762,160
EXPENSES						
TC Argo / JCOMMOPS Lead position		160,000				160,000
TC DBCP / OceanSITES position		110,000				110,000
TC SOT/GO-SHIP/Cruises position		110,000				110,000
I.T. Engineer position *			65,000			65,000
TC Science Communication position				60,000		60,000
TC Gliders / Regional (12 months)				96,000		96,000
TOTAL STAFF	0	380,000	65,000	156,000	0	601,000
TC Argo/JCOMMOPS travels				1,548		1,548
TC DBCP/OceanSITES travels						0
TC SOT/GO-SHIP travels					322	322
I.T. Engineer travels						0
TC Science Communication travels			2,500			2,500
TC Gliders / Regional						0
TOTAL MISSION	0	0	2,500	1,548	322	4,370
I.T. Hosting (Cloud) *			40,000			40,000
Activities (meetings, supplies, misc.) logo rebrand.					1,850	1,850
Office **						0
TOTAL INFRASTRUCTURE	0	0	40,000	0	1,850	41,850
OVERHEAD+reserve 10%**	0	38,000	10,750	11,028		59,778
TOTAL OPERATIONAL BUDGET (EXPENSES)	0	418,000	118,250	168,576	2,172	706,998
STAFF SALARY 100% RESERVE	0	380,000	65,000	156,000		601,000
BUDGET AVAILABLE FOR PROJECTS			250,520	83,329	26,366	454,162
Project #1: Communication (Report Card)					13,500	13,500
Project #2: Communication (Strategy)					8,500	8,500
Project #3: Web Development Support (10 months)			83,000		3,580	86,580
Project #4: Metadata Support - consultant (11 months)			62,000			62,000
TOTAL DEVELOPMENTS / PROJECTS	0		145,000	0	25,580	170,580
TOTAL EXPENSES	0	418,000	263,250	168,576	27,752	877,578
BALANCE 2020-12-31	33,939	505,008	105,520	239,329	786	884,582

last update 18/11/2020

Main highlights:

JCOMM, IOC EXTRA were “dried out”, and a new TF (WHOI TF) was established to receive funds from NOAA

Metadata support consultant (M. Krieger) was hired for 7 months initially and the contract was extended in September for other 4 months, until the end of 2020

Web developer subcontract (T. Latter) committed for 10 months

IOC TF being strengthened (redirection of CLS contributions) to stabilize IOC/UNESCO staff and resolve cash flow issues

70 k\$ planned for the mission should drop due to the Covid-19 pandemic emergency

OceanGliders contribution is weak and uncertain (mostly relying on key contributions from EMODNET). NB: EMODNET doesn't come from Steering Team members

Report Card and communication expenses during 2020 covered via CLS (we could not do it in time via WMO)

IOC TF lack of cash flow (if no EMODNET)

Transfer between IOC and WMO to be avoided as far as possible

New IOC co-investment contribution during 2020 (17,120\$) used to cover 2 months OceanGliders TC salary

6. ANTICIPATED BUDGET (2021)

Item / USD \$	JCOMM /NOAA TF	DBCP TF	IOC TF	CLS TF	2021 BUDGET
INCOMES					
CARRY FORWARD AT 2021-01-01	505,008	105,520	239,329	786	850,643
EXPECTED CONTRIBUTIONS	486,654	87,807	139,797	17,500	731,758
Monaco			82938		82,938
EMODNET			64900		64,900
EUROSEA (WMO) 3/3		60000			60,000
EUROSEA (IOC) 3/3			32886		32,886
NEW CONTRIB. GLIDERS					
NEW CONTRIB. ANIBOS					
NEW CONTRIB BGC ARGO					
TOTAL AVAILABLE BUDGET 2020	991,662	253,326	559,850	18,286	1,823,124
EXPENSES					
TC Argo / JCOMMOPS Lead position	160,000				160,000
TC DBCP / OceanSITES position	110,000				110,000
TC SOT/GO-SHIP/Cruises position	110,000				110,000
I.T. Engineer position - P2	110,000				110,000
Metadata/DB assistant - G4		65,000			65,000
TC Science Communication position			60,000		60,000
TC Gliders / Regional (12 months)			96,000		96,000
TC BGC Argo / Med. Sea (6 months)			48,000		48,000
TOTAL STAFF	490,000	65,000	204,000	0	759,000
TC Argo/JCOMMOPS travels		7,500			7,500
TC DBCP/OceanSITES travels		5,000			5,000
TC SOT/GO-SHIP travels		5,000			5,000
I.T. Engineer travels		2,500			2,500
Metadata/DB assistant - G4		2,500			2,500
TC Science Communication travels		2,500			2,500
TC Gliders / Regional		2,500			2,500
TC BGC Argo / Med. Sea (6 months)		2,500			2,500
TOTAL MISSION	0	30,000	0	0	30,000
I.T. Hosting (Cloud) *		45,000			45,000
Activities (meetings, supplies, misc.) Rebrand.				2,500	2,500
Office **					0
TOTAL INFRASTRUCTURE	0	45,000	0	2,500	47,500
OVERHEAD 10%**	49,000	14,000	20,400	0	83,400
TOTAL OPERATIONAL BUDGET (EXPENSES)	539,000	154,000	224,400	2,500	919,900
STAFF SALARY 100% RESERVE	490,000	65,000	156,000	0	711,000
BUDGET AVAILABLE FOR PROJECTS	0	99,326	179,450	15,786	192,224
Project #1: Communication (Report Card)				15,000	15,000
Project #2: Web Development Support 8 months		66,000			66,000
Project #3:					0
TOTAL DEVELOPMENTS / PROJECTS	0	66,000	0	15,000	81,000
TOTAL EXPENSES	539,000	220,000	224,400	17,500	1,000,900
BALANCE 2020-12-31	452,662	33,326	335,450	786	822,224

last update 18/11/2020

Main highlights:

IT personnel (A. Lizé) should move under WMO contract. agreed by OceanOPS management group.

Critical for OceanOPS operational stability

NO RISK (if US contribution flows) but need cash flow.

Metadata expert to be sustained via WMO contract

Critical for metadata quality and integrated metadata harmonization

Cut on travel, including if COVID resolves (by at least 50%)

Cut on Web development (6 months)

Expected contributions from projects will decrease

Overall surplus will lightly decrease but will still be comfortable

7. CONCLUSIONS and RECOMMENDATIONS

2019 was one of the best years for OceanOPS budget which allowed the centre to operate at full speed with two new resources (a new Technical Coordinator and a metadata expert). The surplus was strengthened.

1M\$ per year: this is what is needed for such a centre to operate properly and deliver its services to all networks and serve the integrated GOOS perspective.

2020 will still be a good year with a full team, and substantial savings on travel budget forced by the COVID. The irregularity of some national contributions on the IOC side creates some problem of cash flow at the time of renewing the contracts. We are forced to do short term contracts for some staff members which is really challenging for them, and for the management.

2021 will be key to stabilize staff, at the cost of a cut on travel budget (lesson from the COVID) and on web developments. 2 IT staff members should be hired through more stable WMO contracts (IT manager and metadata expert). Funds are available for this.

Most networks haven't increased their contributions to the centre since two decades, even if a few more contribute every year. But operating costs have increased in 20 years !

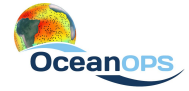
OceanOPS needs to identify new stable funding sources for its core activities as the projects (mainly European) can absorb the needs only temporarily.

However the projects are a way for some networks to fund oceanOPS, at least in Europe.

OceanOPS has released its 5-year strategy plan after a careful review process at the start of the Ocean Decade. It is the right timing for networks, parent organizations IOC and WMO (in 2020 IOC helped the centre financially with a co-investment for 2 months salary for the TC OceanGliders coordinator), host country (France) to help oceanOPS to stabilize its infrastructure.

If nothing is done, the centre will decay from 2022.

OceanOPS will keep using its budget very carefully anyway and prioritize according to its strategy under the GOOS Observation Coordination Group guidance.



8. OFFICIAL STATEMENTS

 WORLD CLIMATE WATER
 TRUST FUND 421309


WMO OMM

World Meteorological Organization
 Organisation météorologique mondiale
 Organización Meteorológica Mundial
 Всемирная метеорологическая организация
 المنظمة العالمية للأرصاد الجوية
 世界气象组织

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 CH 1211 Genève 2 – Suisse
 Tél.: +41 (0) 22 730 81 11
 Fax: +41 (0) 22 730 81 81
 wmo@wmo.int – public.wmo.int

DATA BUOY CO-OPERATION PANEL
 Trust Fund 421309
Final Statement of income and expenditure
For the period 1 January to 31 December 2019
Amounts in United States dollars

1. Balance brought forward, 1 January 2019		165,320
2. Income		
2.1 Contributions a/		160,129
3. Total available funds during reporting period		325,449
4. Expenditure		
4.1 Direct project costs		
4.1.1 JCOMMOPS		
4.1.1.1 JCOMMOPS logistical Support	100,197	
4.1.1.2 DBCP-TC Travel	18,836	
4.1.1.3 SOT-TC Travel	9,211	
4.1.1.4 JCOMMOPS Total		128,234
4.1.2 SOT		
4.1.2.1 Other SOT Expenses	1,646	
4.1.2.2 SOT Chair and Other Travel	801	
4.1.2.3 SOT Total		2,447
4.1.3 DBCP		
4.1.3.1 DBCP Chair Travel	8,048	
4.1.3.2 DBCP Capacity Building	6,066	
4.1.3.3 Other DBCP Expenses	1,176	
4.1.3.4 DBCP Total		15,290
4.1.4 WMO		
4.1.4.1 Expert Team Member Travel	2,742	
4.1.4.2 WMO Travel	2,413	
4.1.4.3 WMO Total		5,155
4.1.5 JTA - JTA Members Travel		8,877
4.1.6 Total direct costs		160,003
4.2 Indirect project costs		
4.2.1 Support costs at 3%	4,800	
4.2.2 Loss in currency exchange	4,807	
4.2.3 Bank charges	511	
4.2.4 Total indirect costs		10,118
4.3 Total project expenditure		170,121
5. Balance of fund at 31 December 2019		155,327
6 Balance comprised of the following projects:		
6.1 JCOMMOPS		13,659 ^{iv}
6.2 DBCP		76,016
6.3 SOT		18,456
6.4 JTA		28,633
6.5 WMO		18,563
TOTAL		155,327
^{iv} Contributions		
Météo France (EUR 55,000)	61,316	
Environment Canada (CAD 59,800)	45,554	
CLS/Service Argos, France (USD 24,994)	24,994	
CSIRO, Australia (AUD 19,000)	13,300	
National Institute of Ocean Technology, India (USD 5,000)	5,000	
SAWS, South Africa (CHF 4,000)	4,004	
BSH, MZ/SOOP, Germany (EUR 3,573)	3,960	
Meteorological Services of New Zealand (EUR 1,800)	2,000	
Total contributions	160,129	

^v Amount excludes a approximately USD 197,000 of revenues that are deferred in compliance with IPSAS.

The financial statement has been prepared on the accrual basis of accounting in accordance with the International Public Sector Accounting Standards (IPSAS)

Certified correct:

 Brian Cover
 Chief Finance Division
 17 February 2020

Certified correct:

 Charlotte Gallage
 Project Manager
 17 February 2020


WMO OMM

World Meteorological Organization
 Organisation météorologique mondiale
 Organización Meteorológica Mundial
 Всемирная метеорологическая организация
 المنظمة العالمية للأرصاد الجوية
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 wmo@wmo.int - public.wmo.int

WHOI Trust Fund
Trust Fund 421398
Final Statement of income and expenditure
For the period 1 January to 31 December 2019
Amounts in United States dollars

1. Income			
1.1 Contributions a/			650,349
2. Total available funds during reporting period			<u>650,349</u>
3. Expenditure			
3.1 Direct project costs			
3.1.1 Contributions to GCOS	163,695		
3.1.2 Total direct costs		163,695	
4.2 Indirect project costs			
4.2.1 Support costs at 7%	11,459		
4.2.4 Total indirect costs		11,459	
4.3 Total project expenditure			<u>175,154</u>
5. Balance of fund at 31 December 2019			<u><u>475,195</u></u>

a/	Contributions	
Woods Hole Oceanographic Institution (USD 650,349)		650,349
Total contributions		<u><u>650,349</u></u>

Certified correct:


 Brian Cover
 Chief, Finance Division
 23 September 2020

Certified correct:


 Champika Gallage
 Project Manager
 23 September 2020



Annex 2

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION
JCOMMOPS General Support
(Statement of Account from 1 January 2018 to 31 December 2019)
(Expressed in US Dollars)
INCOME
Funds Received

Australia	47,442.45	
France	33,417.70	
Germany	11,269.85	
India	19,960.00	
Japan	20,000.00	
United Kingdom	34,539.60	
ETT Spa	56,883.00	223,512.60

TOTAL INCOME
223,512.60
EXPENDITURE

International & National Staff	162,874.80
Temporary Staff	47,444.54
Other Personnel Cost	6,131.64
Staff Mission Costs	12,099.83
Delegates & External Individual Missions	43,370.06
Other Contracted Services	52,500.00
Communications	2,400.00
Other Supplies	139.56
Management Costs	22,998.77

TOTAL EXPENDITURE
349,959.20
EXCESS (SHORTFALL) OF INCOME OVER EXPENDITURE
(126,446.60)

Balance Brought Forward as at 1 January 2018

222,801.17

BALANCE AS AT 31 DECEMBER 2019
96,354.57
Financial Report issued by the Grants Management Section, Bureau of Strategic Planning.

