

# Financial Report

## GOOS Observations Coordination Group

*Brest, France*

*May 2023*

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*Special thanks to IOC and WMO secretariat for inputs and review, and for the continuous secretarial support provided.*

[www.ocean-ops.org](http://www.ocean-ops.org)

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

## Index

1. INTRODUCTION	3
2. OVERVIEW	4
3. CONTRIBUTIONS 2022	7
4. CONSOLIDATED 2022 ACCOUNTING	11
5. INTERIM BUDGET 2023	15
6. ANTICIPATED BUDGET 2024	18
7. CONCLUSIONS and RECOMMENDATIONS	20
8. OFFICIAL STATEMENTS	23

## 1. INTRODUCTION

This document provides the yearly OceanOPS financial report for calendar year 2022, the interim budget for 2023 and the anticipated budget for 2024.

The interim and anticipated budgets will be validated by OCG during the upcoming OCG-14 meeting in May 2023.

All official statements account and budget information can be requested to Emanuela Rusciano [erusciano@ocean-ops.org](mailto:erusciano@ocean-ops.org)

OceanOPS thanks all its sponsors and acknowledges their contribution to its budget on its [homepage](#)

### **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. All tables visible in this report are linked to the budget management table and can be updated. Some small discrepancies can then appear temporarily with the narrative part.*

## 2. OVERVIEW

The OceanOPS budget has been rather stable over the 2020-2023 period, with 980k\$ of incomes and 930 k\$ of expenses on average (see charts below). This is in theory an ideal budget to ensure the core functions of the team. However, only 740k\$ of the incomes are truly stable (see generic budget table below). Regular contributions from Networks, generally flat, are not sufficient to sustain our staff and activities and we have noted a small decrease in these in the post pandemic period.

Extras contributions from new partners, or projects (European) offer a well appreciated temporary buffer, but they should be used for developments and not for absorbing budget deficits.

We should recognize as well that the WMO contributions into OceanOPS came at the right timing to avoid difficult choices in staff management.

The contributions are received all along the year from about 20 sources and the diversity and irregularity increase considerably the administrative efforts that are required by OceanOPS and both secretariats to sustain staff and ensure activities.

The fragmentation of the budget into different Trust Funds is also a challenge that we are working on. Most of OceanOPS's budget is now gradually transferred to WMO, for a more efficient management. We also start to benefit from the WMO Finance Department experts to design a stable plan for the future.

**OceanOPS needs to raise 300 k\$ of stable contributions per year to:**

- i) stabilize its current team**
- ii) allow some reasonable developments and activities to complete its 2021-25 strategic plan.**

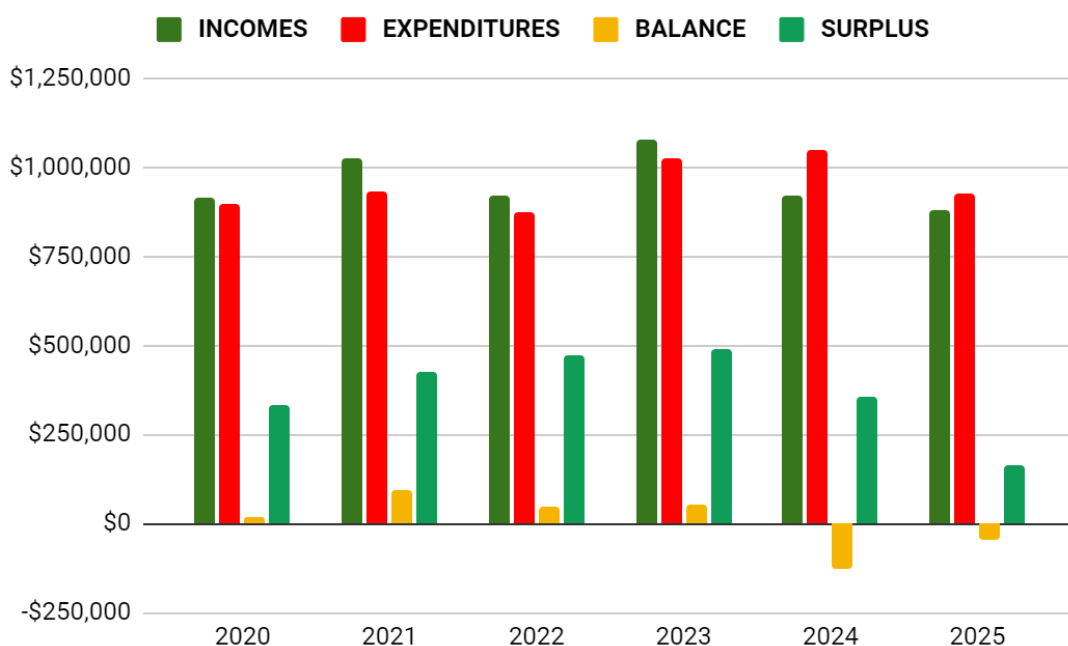
A fundraising strategy is being developed and will rely on progress to be made with the host country France (through national, regional, institutional mechanisms), the European Union and larger IOC/UNESCO and WMO initiatives to support and grow the GOOS, including its coordination infrastructure in which OceanOPS is a major piece.

Waiting for these initiatives to be fruitful, OceanOPS has lost its IT development capacity (at a moment where it should grow to enable an efficient migration, upgrade the IT infrastructure and answer the growing demands from networks), and limit mission travels to a strict minimum.

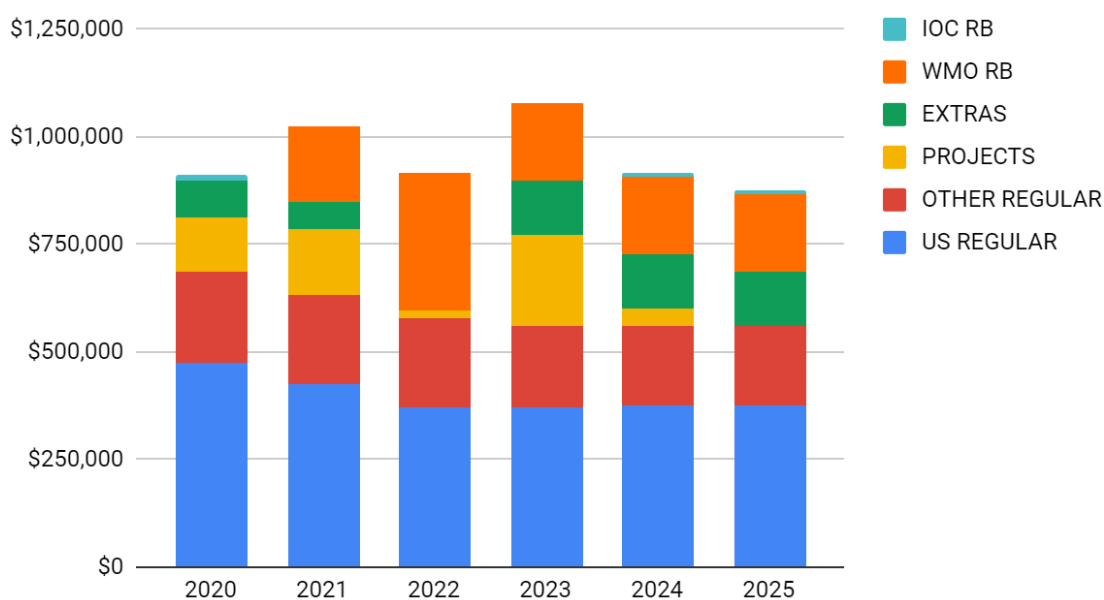
An increased, diversified and balanced support from Networks, supporting only 45% of OceanOPS budget today, would be most welcome to sustain OceanOPS stability and development.

The 2024-25 envisioned trajectory is not sustainable as it, and we will shortly start eating into our savings which are critical to obligate in advance the salaries, last step before cutting on staff.

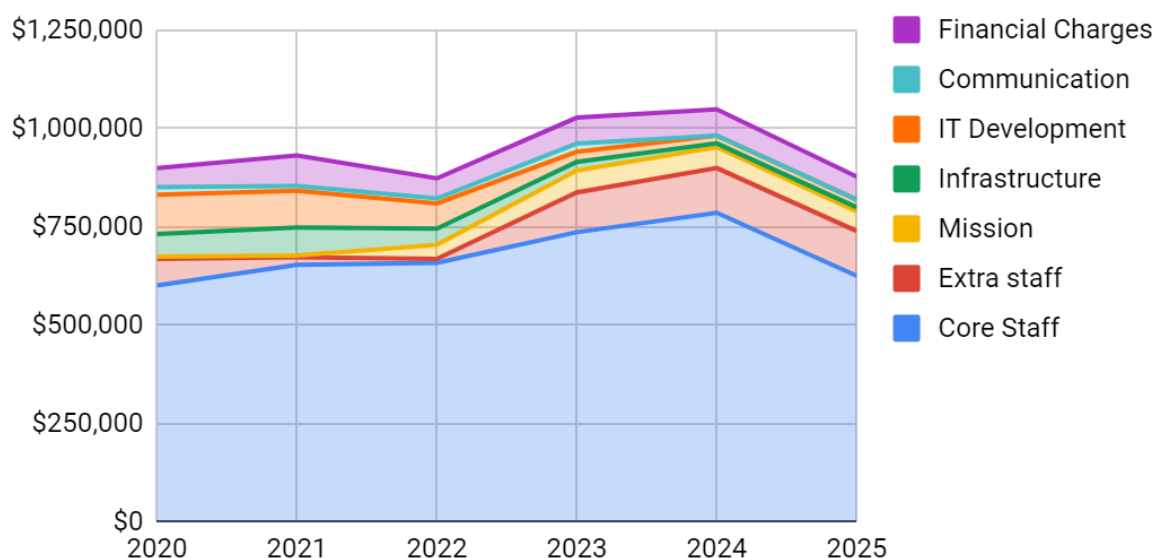
Following charts show the trends of OceanOPS incomes, expenses and balance over 2020-2025.



## INCOMES



## EXPENSES



Here below is showed an ideal yearly budget to run OceanOPS and properly its staff and activities:

Item	USD \$
<b>INCOMES</b>	
USA REGULAR	375000
WMO REGULAR	180000
OTHER REGULAR	185000
<b>TOTAL AVAILABLE BUDGET</b>	<b>740000</b>
<b>EXPENSES</b>	
OceanOPS Manager - MB	160000
TC Argo / OceanGliders position - VT	110000
TC DBCP / OceanSITES position - LJ	120000
TC SOT/GO-SHIP/Cruises position - MK	130000
I.T. Engineer position - AL	110000
TC Science Communication position - ER	110000
Metadata/DB assistant - MKR	60000
<b>TOTAL STAFF</b>	<b>800000</b>
Manager	12500
TC Argo/OceanGliders travels	10000
TC DBCP/OceanSITES travels	10000
TC SOT/GO-SHIP travels	10000

I.T. Engineer travels	2500
Metadata/DB assistant - G4	2500
TC Science Communication travels	2500
<b>TOTAL MISSION</b>	<b>50000</b>
I.T. Hosting (Cloud)	40000
Activities (meetings, supplies, misc.)	10000
<b>TOTAL INFRASTRUCTURE</b>	<b>50000</b>
<b>OVERHEAD</b>	<b>50000</b>
<b>TOTAL OPERATIONAL BUDGET (EXPENSES)</b>	<b>950000</b>
Project #1: Report Card Design/Printing - Comm.	20000
Project #2: Routine Web Development 12 months	80000
<b>TOTAL DEVELOPMENTS / PROJECTS</b>	<b>100000</b>
<b>TOTAL EXPENSES</b>	<b>1050000</b>
<b>BALANCE</b>	<b>-310000</b>

### 3. CONTRIBUTIONS 2022

During 2022, **899k\$** were received (vs 805k\$ in 2021, 900k\$ in 2020, and 1M\$ in 2019).

The total includes funds provided by national voluntary contributions, WMO regular budget and European Projects across the IOC and WMO managed Trust Funds and project budget lines.

Project funding was almost non-existent in the 2022 budget and this is the main reason for the overall income decrease.

National contributions are always fluctuating in a calendar year view (and some contributions can be delayed and marked in the next calendar year) but a few countries seem to have been impacted by the pandemic period.

6 GOOS OCG Networks/Panels have been contributing to OceanOPS 2022 budget: Argo, DBCP, SOT, OceanSITES, OceanGliders, GO-SHIP.

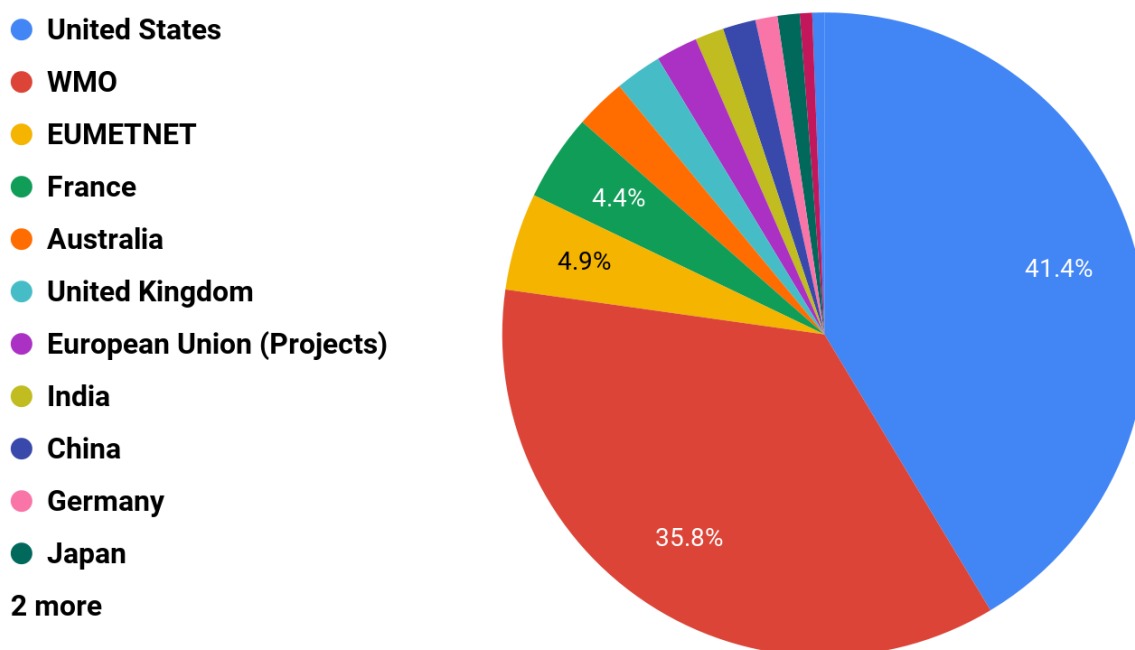
#### 2022 contributions highlights:

- WMO has sustained its investment into OceanOPS supporting the firm establishment of the OceanOPS manager position as well as some of the infrastructure costs (as contracted with CLS), and ad hoc travels, for an estimated total support of 322 k\$. WMO has provided as well a one-off support of 150k\$ to help build cash flow.
- Regular national contributions from Networks are still diversified but decreasing around 558 k\$ per year (vs 628 k\$ in 2021 and 699 k\$ in 2020)
- USA/NOAA has reduced its contribution (from 475 in 2020 k\$ to 425 k\$ in 2021, and to 372k\$ in 2022)
- South Africa and New Zealand (DBCP) have skipped their contributions in 2022

- Monaco contribution (commitment received for 2 years) for the BCG/Med. Sea coordinator has been skipped pending the recruitment to be finalized and arrived in 2023
- Environment of Canada contribution (DBCP) is delayed in 2023
- EMODnet contribution committed in 2022 is delayed in 2023
- SOA-China contribution in favor of BGC-Argo position was not renewed in 2022
- European Projects (EuroSea and Euro-Argo RISE) are reaching their end and the few remaining funds will be received in 2023. The TRUSTED project (HRSST drifters) is still participating in the budget increase at the level of 7k\$ per year.
- No funds were received from the GOOS central office/budget (anticipated for the support to the 2022 Report Card production)

Following charts provides the distribution of incomes per Network in 2022, and the 2020-23 trends.

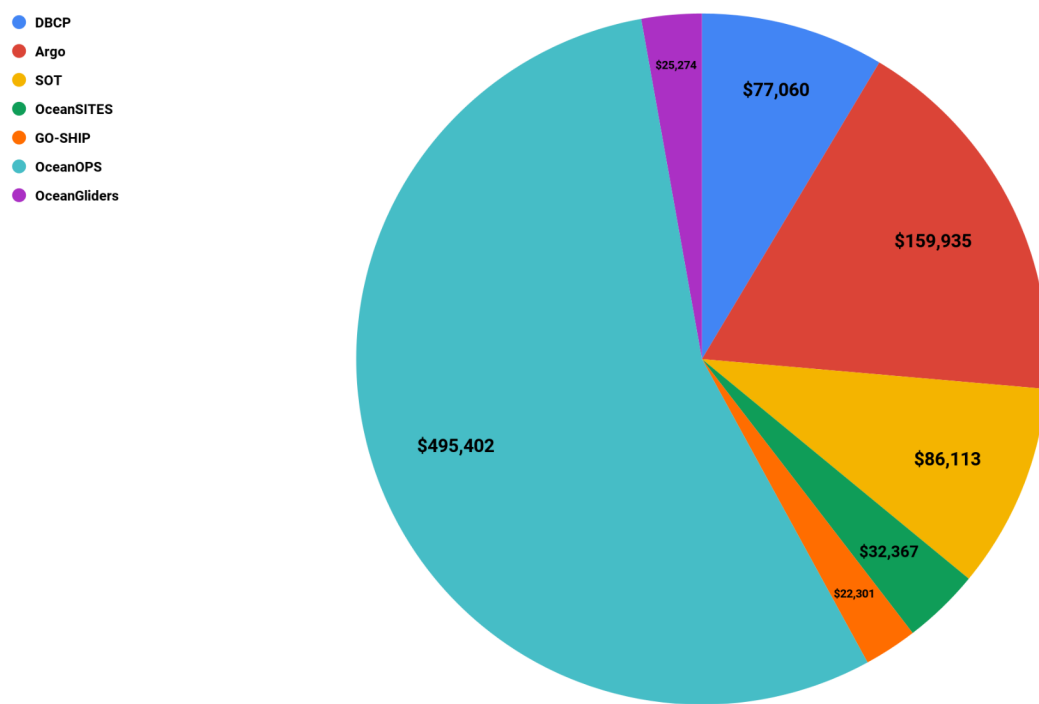
### 2022 OceanOPS Total Contributions by Countries + EU Projects



Note: The European contributions ([EUMETNET](#), EMODNET, EuroArgo) represented 6% of the 2022 budget.

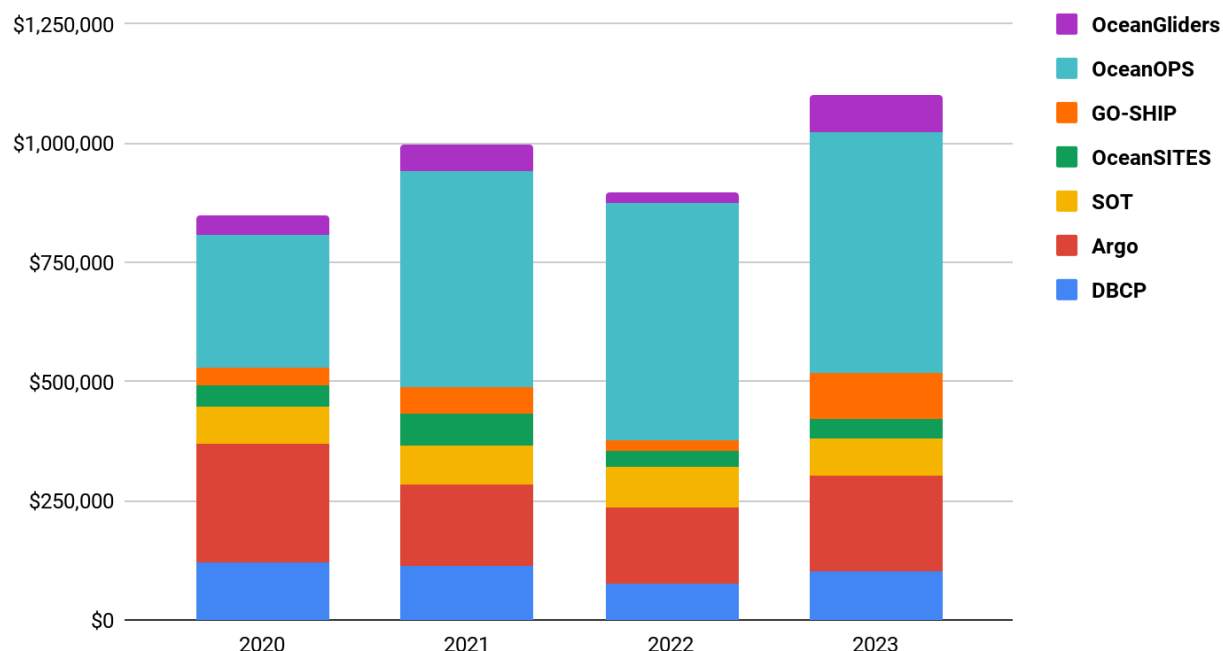


2022 Contributions by Networks (including EU Projects contributions)



*Note: contributions tagged OceanOPS are provided by WMO, USA, France and European Projects for integrated support to GOOS OCG networks (funds are not targeted to a specific Network/Panel).*

## Contributions by Networks (including EU Projects and 2023 estimation)



OceanSITES, OceanGliders, GO-SHIP, DBCP and SOT are encouraged to increase and diversify the sources of their contributions (target ~120 k\$/year, see [2021 OCG report](#)) to help OceanOPS to sustain this support:

- OceanSITES support comes from the USA, Australia and France (32 k\$).
- OceanGliders support comes from the USA (25k\$).
- GO-SHIP support comes from the USA (22 k\$).
- DBCP support comes from the USA, EUMETNET, India, Canada, Australia, New Zealand (103 k\$). Even if in 2022 Australia's contribution for 2022 was received in December 2021, the Canada contribution for fiscal year 2022-23 was received in February 2023 and New Zealand contribution was canceled for a total amount contribution in 2022 of 77k\$.
- SOT support comes from the USA, EUMETNET, Germany, and Australia (86 k\$).

As a comparison, Argo support into OceanOPS in 2022 (160 k\$) came from: USA, Euro-Argo, France, UK, Canada, India, Japan, Australia, Germany, Italy, China.

It is important to note that the EuroSea project has been used as a mechanism for some of these Networks, in Europe, to support OceanOPS activities, but the project is ending, so it didn't generate funding in 2022 and the 2023 funding will be very modest.

## 4. CONSOLIDATED 2022 ACCOUNTING

OceanOPS operated in 2022 with 1.34 M\$ available budget, including 444 k\$ of carry forward, and spent 873 k\$ (vs 931 k\$ in 2021). Yearly balance was positive<sup>1</sup>, and carry forward at the end of year was maintained at the same level as the past year (471k\$).

The year 2022 represented an important step forward in the implementation of OceanOPS 5-year strategic plan with the stabilization and upgrade of OceanOPS core staff at WMO.

OceanOPS saved funds on overall staff costs with the manager position supported by WMO regular budget.

The Argo Technical Coordinator position was then replaced, merged with OceanGliders support and generalized to a “mobile subsurface systems focal point” (including as well potential support for AniBOS as far as funding allows). Position was changed from P3 to P2 level. Without this, the OceanGliders position was unsustainable at IOC and would have been stopped by 2022.

The upgrade of the IT manager position at WMO represented an additional investment. The contractual agreement with CLS was amended accordingly and some in-kind support provided by CLS for the IT position was lost.

The OceanOPS metadata expert position is now considered as essential for OceanOPS efficiency and thus part of the core staff and sustained in our 2022 budget.

A “BGC Argo/Regional Coordinator” position was established in the Mediterranean Sea, as a pilot for a new OceanOPS regional node in Monaco and project office support for the developing BGC-Argo mission. The voluntary contributions received from Monaco and China in 2020/21 have permitted the start of this position as of Nov. 1st 2022 but the funding base is insufficient to sustain this self-funded pilot after 2023. While OceanOPS will include this new activity in its fundraising strategy, we note that except China, none of the 16 BGC-Argo implementing countries (see [map](#)) are contributing.

The travel budget in 2022 was very modest (35 k\$ for 8 staff), by international context, but also by choice to make savings for strengthening staff positions.

The Argo/OceanGliders TC travel budget was more important with a long mission to the USA to meet with main implementing agencies and partners in his first year of work.

We can note as well that WMO regular budget covered some ad-hoc missions (e.g. Ocean Conference in Lisbon) embedding OceanOPS staff in its delegation.

The TC DBCP had also a mission in China to meet with main agencies, at a marginal cost as this was done during his home leave.

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<sup>1</sup> recalling we can't spend any funds that are not available in IOC and WMO TF.

The web developments, essential for OceanOPS delivery, were rather good for a year (65 k\$) until we decided on a hard stop in October 2022 to make further savings on budget.

OceanOPS budget covered all of the GOOS Report Card production costs, as the GOOS project office funding could not participate in 2022.

## 2022 Budget:

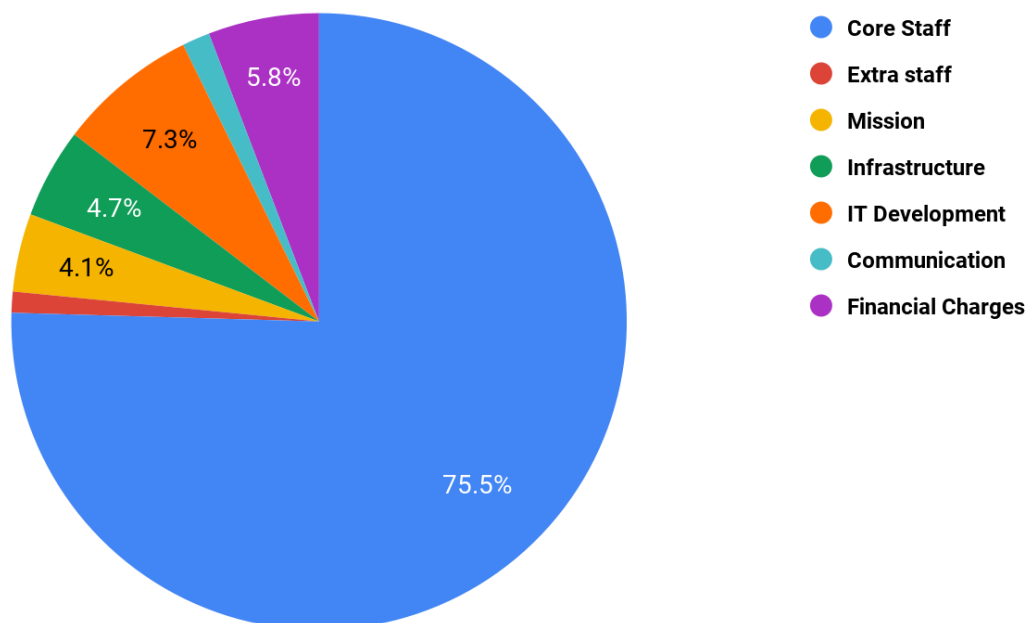
Item / USD \$	IOC RB	WMO RB	WMO/WHO I TF	DBCP TF	IOC TF	CLS TF	2022 BUDGET
<b>INCOMES</b>							
CARRY FORWARD AT 2022-01-01			129,448	105,970	190,381	18,477	444,276
CONTRIBUTIONS			371,679	51,777	106,152	28,404	558,012
TRUSTED Project						7,957	7,957
WMO one off support for cashflow			152,343				152,343
EuroSea IOC 2/3 - (ER salary 2/12)					10,833		10,833
GOOS							0
WMO/IOC RB estimation		170,000					170,000
<b>TOTAL AVAILABLE BUDGET 2020</b>		170,000	653,470	157,747	307,366	54,838	1,343,421
<b>EXPENSES</b>							
TC BGC Argo / Med. Sea start up							0
OceanOPS Lead		160,000	0				160,000
TC Argo/Gliders SSA (feb-may)			25,256				25,256
TC Argo / OceanGliders position (7 months)			48,294				48,294
TC DBCP / OceanSITES position			119,000	110			119,110
TC SOT/GO-SHIP/Cruises position			125,000	103			125,103
I.T. Engineer position			31,875	44,371			76,246
TC Science Communication position					54,167		54,167
Metadata/DB assistant - G4 (12 months)				50,256			50,256
TC BGC Argo / Med. Sea (2 months % FTE)					9,600		9,600
<b>TOTAL STAFF</b>		160,000	349,425	94,841	63,767	0	668,033
OceanOPS Lead travels		5,000		2,476			7,476
TC Argo/OceanGliders travels				15,147			15,147
TC DBCP/OceanSITES travels		5,000		4,531			9,531
TC SOT/GO-SHIP travels					705		705
I.T. Engineer travels							0
Metadata/DB assistant - G4							0
TC Science Communication travels					1,551		1,551
TC BGC Argo / Med. Sea (6 months)					1,326		1,326

<b>TOTAL MISSION</b>		10,000	0	22,154	3,582		35,736
I.T. Hosting (Cloud)				41,207			<b>41,207</b>
Activities (meetings, supplies, misc.)						1,437	<b>1,437</b>
<b>TOTAL INFRASTRUCTURE</b>			0	41,207	0	1,437	42,644
<b>OVERHEAD</b>			24,460	21,674	4,714	0	50,848
<b>TOTAL OPERATIONAL BUDGET (EXPENSES)</b>		170,000	373,885	179,876	72,063	1,437	797,261
Project #1: Communication (Report Card)	0					11,282	<b>11,282</b>
Project #2: Web Developments 3 months (Jan-Mar)(4/5)						21,255	<b>21,255</b>
Project #3 Web developments 3 + 3 months (Apr-Jun/July/August)(4/5)				27,970			<b>27,970</b>
Project #4: Web Developments 2 months (Sep/Oct) (4/5)						14,882	<b>14,882</b>
<b>TOTAL DEVELOPMENTS / PROJECTS</b>			0	27,970	0	47,418	75,388
<b>TOTAL EXPENSES</b>		170,000	373,885	207,846	72,063	48,855	872,649
<b>BALANCE 2022-12-31</b>		0	279,585	(50,099)	235,302	5,983	470,771

## 2022 Expenditures, by type:

<b>EXPENSES 2022</b>	
Core Staff	\$658,433
Extra staff	\$9,600
Mission	\$35,736
Infrastructure	\$41,207
IT Development	\$64,107
Communication	\$12,718
Financial Charges	\$50,848
<b>TOTAL</b>	<b>\$872,649</b>

## 2022 OceanOPS Expenditures



### Balance:

2022 yearly contributions + carried over (1,343 M\$) – 2022 Expenditures (872 K\$) = 471 K\$.

Carried over at 01 January 2023 is 471 K\$ including carry forward from national contributions and projects. This carry forward is somehow artificial, and revealed at a given time. Most of these funds are already engaged to cover staff salaries for the next year.

In 2022, OceanOPS has managed its operational budget carefully and sustained its activities while strengthening key positions with reduced expenses, and a slight increased carry forward level. This carry forward (in particular at IOC) includes a reserve to enable the full time position to support the BGC-Argo position and the Mediterranean OceanOPS node but also a true surplus of about 150 k\$.

The negative balance at WMO/DBCP TF is mainly due to some missing or delayed contributions in the DBCP Trust Funds and EU project internal funding management (funds arrive after the expense is done). This will be resolved early 2023.

Remaining carry forward at WMO (279k\$ on WHOI TF) will be fully used to renew contracts as needed.

## 5. INTERIM BUDGET 2023

The 2023 anticipated budget shows a slight increase in incomes and expenses over the previous year mainly because i) new project funds will arrive and ii) new staff/positions established during 2022 will run for 12 months. However, OceanOPS will keep doing savings on mission travels and developments to strengthen the remaining core staff position (Communication officer) in 2024.

Here are some highlights for the 2023 budget:

### Incomes:

- Regular national contributions are expected to be stable (560 k\$).
- An important complement of EU projects (EuroArgo-Rise, EuroSea, TRUSTED-2, GROOM, GO-SHIP)<sup>2</sup> is expected (~207k\$, but most of those projects are ending and only 40K\$ will be arriving in 2024.
- Monaco contribution will be renewed after the establishment of the BGC-Argo/Regional position and is awaiting a proposal for future support.
- EMODnet delayed contribution for 2022, and the 2023 contribution should arrive, while a new agreement should be signed for the next few years.
- WMO will continue to contribute to the budget through the support to the Manager position, and ad-hoc missions.
- IOC/UNESCO will not be able to participate in the GOOS Report Card production costs (11k\$) via GOOS budget, but there is a commitment for 2024.

### Expenses:

- Overall staff net cost will increase from 668K\$ in 2022 to 836K\$ in 2023 due to the new BGC-Argo Coordinator recruitment, IT Engineer moving from CLS to WMO, as well as salaries increase due to inflation.
- Travel budget will be increased compared to 2022 (75k\$) as a number of in-person meetings are compulsory (and costs depend where they are held), even if the ambition is to keep them to the strict minimum. We count as well on WMO ad-hoc help, in particular when the team is expected in Geneva (e.g. Infrastructure Department retreat, Congress, etc.).
- Web developments are reduced to the strict minimum (3 months, with ⅓ FTE) to make the necessary maintenance and small evolutions, but this doesn't enable any major development.
- One staff member should be recruited temporarily for 16 weeks to compensate for the Argo coordinator's parental leave. It is planned to recruit a technical expert to help with IT developments, migration of our I.S. from Toulouse to Brest and urgent web developments (for Argo and beyond). This should be covered on WMO common costs.
- The agreement with Ifremer for the I.S. hosting is being discussed and the final cost is unknown yet (currently, it is 42 k\$/year with CLS).

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<sup>2</sup> respectively floats, drifters, gliders specific EU projects.

## 2023 Budget:

Item / USD \$	IOC/GOOS RB	WMO RB	WMO/WHOI TF	DBCP TF	IOC TF	CLS TF	2023 BUDGET
<b>INCOMES</b>							
CARRY FORWARD AT 2023-01-01 (FIN Statement)			256,252	(31,739)	234,277	5,983	464,773
EXPECTED CONTRIBUTIONS			371,679	75,000	0	23,138	469,817
CONTRIBUTIONS TO IOC REDIRECTED TO WMO				85,000			85,000
CONTRIBUTIONS TO CLS REDIRECTED TO WMO				5,000			5,000
TRUSTED				0		12,169	12,169
Monaco 2/2				0	76,838		76,838
WMO/IOC regular contribution estimated		185,000		0			185,000
EuroSea IOC 2/3 (ER salary 2/12)				0	10,833		10,833
EuroSea WMO 3/3				39,404			39,404
EuroSea WMO new WP OceanObservers				5,000			5,000
EuroSea IOC 3/3				0	43,332		43,332
<i>EU Argo RISE - FINAL</i>				5,014			
<i>EU GROOM</i>				41,250			41,250
<i>EU GO-SHIP</i>				54,998			54,998
<i>EMODNET 1/2 and 2/2 ?</i>				0	50,000		50,000
<b>TOTAL AVAILABLE BUDGET 2023</b>	<b>0</b>	<b>185,000</b>	<b>627,931</b>	<b>278,928</b>	<b>415,280</b>	<b>41,289</b>	<b>1,548,428</b>
<b>EXPENSES</b>							
OceanOPS Manager - MB		160,000					160,000
TC Argo / OceanGliders position - VT			109,056				109,056
TC DBCP / OceanSITES position - LJ			121,255				121,255
TC SOT/GO-SHIP/Cruises position - MK			127,569				127,569
I.T. Engineer position - AL			45,440	63,616			109,056
TC Science Communication position - ER					60,000		60,000
Metadata/DB assistant - MKR				49,103			49,103
TC BGC Argo / Med. Sea (3 months- 3/5 FTE)					15,258		15,258
TC BGC Argo / Med. Sea (9 months- 5/5 FTE)					85,500		85,500
<b>TOTAL STAFF</b>		<b>160,000</b>	<b>403,320</b>	<b>112,719</b>	<b>160,758</b>	<b>0</b>	<b>836,797</b>
Manager		5,000			9,667		14,667
TC Argo/OceanGliders travels		2,500		2,100	3,358		7,958
TC DBCP/OceanSITES travels		2,500		1,500	3,000		7,000
TC SOT/GO-SHIP travels		5,000		3,000	1,575		9,575



I.T. Engineer travels		2,500			2,500		5,000
Metadata/DB assistant - G4		2,500		1,307	2,500		6,307
TC Science Communication travels		2,500			2,500		5,000
TC BGC Argo / Med. Sea (6 months)		2,500			8,000		10,500
MISSION TO BE DEFINED					10,000		10,000
<b>TOTAL MISSION</b>		<b>25,000</b>	<b>0</b>	<b>7,907</b>	<b>43,100</b>		<b>76,007</b>
I.T. Hosting (CLS)				21,583			21,583
I.T. Hosting (CLS) migration 6 months extra				21,583			21,583
Activities (meetings, supplies, shipping, misc.)						10,000	10,000
<b>TOTAL INFRASTRUCTURE</b>		<b>0</b>	<b>0</b>	<b>43,166</b>	<b>0</b>	<b>10,000</b>	<b>53,166</b>
<b>OVERHEAD</b>			<b>28,232</b>	<b>23,124</b>	<b>14,270</b>	<b>0</b>	<b>65,626</b>
<b>TOTAL OPERATIONAL BUDGET (EXPENSES)</b>		<b>185,000</b>	<b>431,552</b>	<b>186,916</b>	<b>218,128</b>	<b>10,000</b>	<b>1,031,597</b>
Project #1: Report Card Design/Printing				0		10,000	10,000
Project #2: Migration I.S. Support 2 months 3/5 FTE				0		13,000	13,000
Project #3: Report Card Web + Web 1 month 3/5 FTE				0		6,500	6,500
<b>TOTAL DEVELOPMENTS / PROJECTS</b>	<b>0</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>29,500</b>	<b>29,500</b>
<b>TOTAL EXPENSES</b>			<b>431,552</b>	<b>186,916</b>	<b>218,128</b>	<b>39,500</b>	<b>1,061,097</b>
<b>BALANCE 2023-12-31</b>	<b>0</b>	<b>0</b>	<b>196,379</b>	<b>92,012</b>	<b>197,152</b>	<b>1,789</b>	<b>487,332</b>

latest update 15/05/2023

## 2023 Expenditures:

EXPENSES	2023
Staff core	\$736,039
Staff extra	\$100,758
Mission	\$76,007
Infrastructure	\$43,166
IT Development	\$19,500
Communication	\$10,000
Financial Charges	\$65,626
<b>Total</b>	<b>\$1,061,097</b>

The year 2023 is marking another important step forward in the implementation of OceanOPS 5-year strategic plan (goal 5: strengthening the infrastructure staff and budget).

All funds historically received at IOC and at CLS are transferred to WMO in order to continue to stabilize and upgrade key resources at WMO.

A business plan to further support OceanOPS was prepared with European Partners, mainly through discussions with EuroGOOS & EOOS, and a specific European call was submitted for this early 2023.

European partners are interested to enable OceanOPS services and integration capabilities to some of the specificities of the European OOS (coastal, biology, etc). If the submitted call is granted, the project will bring 650 k\$ into OceanOPS budget, with an extra manpower for IT development of 6 FTE distributed over European partners and Marine Research Infrastructures. All deliverables of this project led by OceanOPS are in line with its strategic plan.

In 2023 OceanOPS will have 1.55 M\$ of available budget, will spend 1.03 M\$, and will leave 487 k\$ of carry forward. If any margin is identified during the year through new contributions (or projects), priority will be set to IT activities to support the migration and upgrade of the I.S. and keep a reasonable development capacity.

## 6. ANTICIPATED BUDGET 2024

In 2024 a number of challenges will arise, as EU projects funding will be mostly exhausted.

Noting an ambitious EU project was submitted, and if granted by the EU, it might provide us some breathing.

A new 4-year contract will be signed with NOAA and a slight contribution increase was announced (the level of contribution considered in the table below is then an estimation and to be confirmed).

A challenge will be to stabilize and upgrade a number of remaining staff positions, to respect a minimum of balance and fairness in the team, and align their contract with experience and seniority.

In 2024, and in that order, the Communication officer position should be “transferred” to WMO and upgraded to P2 level, and the Ship Coordinator position upgraded from P2 to P3 (currently on hold/postponed). These changes are feasible with our current budget level and carry forward, but not sustainable (from 2025) without any more resources. This scenario, without any fund increase, shows that we will start eating substantially our carry forward. **We will absolutely need to find additional and regular 100 k\$ in 2023/2024 to make this sustainable.**

Pending positive news to be confirmed, and to sustain core staff as a top priority, travel budget, web developments and communication activities will be decreased to the very strict minimum.

It is expected the Report Card production will be funded by IOC/GOOS while OceanOPS will continue to coordinate its development offering staff support.

OceanOPS will have its I.S. moved to Ifremer, and all related costs (or savings) have not yet been fully identified.

All funds saved at IOC (~130k\$) and the remaining funds received at CLS, if any, will be transferred to WMO early 2024 if a new position for the communication officer can be opened accordingly.

## 2024 Expenditures plan:

2024 Expenditures	
Staff core	785,095
Staff extra	114,000
Mission	52,500
Infrastructure	10,000
IT Development	19,500
Communication	0
Financial Charges	66,612
<b>Total</b>	<b>1,047,707</b>

## Anticipated 2024 budget:

Item / USD \$	IOC/GOOS RB	WMO RB	WMO/WHOI TF	NEW NOAA	DBCP TF	IOC TF	2024 BUDGET
<b>INCOMES</b>							
CARRY FORWARD AT 2022-01-01			196,379		91,768	197,152	<b>485,298</b>
EXPECTED CONTRIBUTIONS				375,000	75,000	0	<b>450,000</b>
REDIRECTION to WMO					110,000		<b>110,000</b>
TRANSFERT FUND IOC to WMO					130,000	(130,000)	<b>0</b>
Monaco new					0	77,000	<b>77,000</b>
IOC/WMO RB	10,900	180,000			0		<b>190,900</b>
<i>EU GROOM</i>					15,000		<b>15,000</b>
<i>EU GO-SHIP</i>					25,000		<b>25,000</b>
<i>EMODNET new - extra</i>					50,000		<b>50,000</b>
<b>TOTAL AVAILABLE BUDGET 2023</b>	<b>10,900</b>	<b>180,000</b>	<b>196,379</b>	<b>375,000</b>	<b>496,768</b>	<b>144,152</b>	<b>1,403,198</b>
<b>EXPENSES</b>							
OceanOPS Manager - MB		160,000	0		0		<b>160,000</b>
TC Argo / OceanGliders position - VT			54,528	54,528	0		<b>109,056</b>
TC DBCP / OceanSITES position - LJ			60,627	60,627	0		<b>121,255</b>
TC SOT/GO-SHIP/Cruises position - MK			63,784	63,784	0		<b>127,569</b>
I.T. Engineer position - AL					109,056		<b>109,056</b>

TC Science Communication position - ER					109,056		109,056
Metadata/DB assistant - MKR					49,103		49,103
TC BGC Argo / Med. Sea (12 months-5/5 FTE)					0	114,000	114,000
<b>TOTAL STAFF</b>		160,000	178,940	178,940	267,215	114,000	899,095
Manager		5,000			2,500		7,500
TC Argo/OceanGliders travels		2,500			2,500		5,000
TC DBCP/OceanSITES travels		2,500			2,500		5,000
TC SOT/GO-SHIP travels		2,500			2,500		5,000
I.T. Engineer travels		2,500			2,500		5,000
Metadata/DB assistant - G4		2,500			2,500		5,000
TC Science Communication travels		2,500			2,500		5,000
TC BGC Argo / Med. Sea					0	5,000	5,000
Mission TBD					0	10,000	10,000
<b>TOTAL MISSION</b>		20,000	0		17,500	15,000	52,500
I.T. Hosting (Cloud) estimated					10,000		10,000
Activities (meetings, supplies, misc.)					0		0
<b>TOTAL INFRASTRUCTURE</b>		0	0	0	10,000	0	10,000
<b>OVERHEAD</b>		0	12,526	12,526	19,929	9,030	66,612
<b>TOTAL OPERATIONAL BUDGET (EXPENSES)</b>		180,000	191,466	191,466	304,644	138,030	1,028,207
Project #1: Report Card Design/Printing	10,900				0		
Project #2: Web Dev. 3 months 3/5 FTE					19,500		19,500
<b>TOTAL DEVELOPMENTS / PROJECTS</b>		0	0	0	19,500	0	19,500
<b>TOTAL EXPENSES</b>	10,900	180,000	191,466	191,466	324,144	138,030	1,047,707
<b>BALANCE 2024-12-31</b>	0	0	4,913	183,534	172,624	6,122	355,492

## 7. CONCLUSIONS and RECOMMENDATIONS

2022 was a good year for OceanOPS and the budget allowed the centre to operate at almost full speed stabilizing and upgrading some core staff: the centre Manager (supported by WMO regular budget), the metadata expert (essential for metadata quality), the I.T. manager (a central resource for the team efficiency), the Argo/OceanGliders Technical Coordinator, as well as the hiring of a new Technical Coordinator for regional support.

This was possible thanks to the strong contribution from European projects into OceanOPS over the past years, extra contributions from new partners (such as Monaco and EMODnet), travel budget savings, and outstanding new support from WMO.

However, these efforts will increase the salary mass in 2023 and, as they are not yet fully achieved, they will increase it even more in 2024.

OceanOPS has made savings as far as possible by the end of 2022 to get prepared and is actively seeking new resources to reach its goal.

2023 will be a transitional year to complete the redirection of funds to WMO and prepare 2024 which, if we succeed, could mark the completion of infrastructure stabilization: staff, budget, hosting.

Meanwhile, I.T. development will be kept minimal to at least help with the I.S. migration from Toulouse to Brest and fix web application issues and urgent requests. This migration is not trivial and should be seen as a major system upgrade done every decade. Negotiations with the host are under way and we do not know yet if this will enable any savings.

The travel budget is kept minimal but the in-person meeting number is increasing and it will be hard for us to follow up.

2023 and 2024 anticipated budgets are viable as shown in above tables, but 2024 and 2025 will seriously consume our surplus and leave us in front of a wall by the end of 2025. It is critical we identify new funds quickly, at least 100k\$, to enable this last step forward (i.e. stabilize and upgrade remaining staff).

Reality forces us to: i) be extremely careful with our budget, ii) warn clearly our governance that we have a couple of years to find new resources, iii) halt any new development, and any non-critical travel, and focus on our very core mission. This means that our support to new and emerging networks (OCG and beyond), or cooperation with a number of non academic partners (e.g. sailing community) will end if they do not trigger any support.

We can yet inform networks that the OceanOPS staff will not be able to attend all in-person meetings in 2023/24, and that all web developments are piled on a GitHub item list until we get back our capacity. If the budget doesn't improve we will remain frozen in our development, with an unbalanced not to say unfair salaries distribution in the team.

The trajectory for 2025 could have even more constraints, which will force us to make difficult choices and reduce our ambition to meet our strategic goals, reprioritize staff work plan, and even cutting on staff or key deliverables production.

To help reduce this serious risk, **all OCG networks funding OceanOPS below the recommended level (~120 k\$ - see last year report) are invited to activate their Steering Teams and identify more partners to participate, even modestly, to OceanOPS support. OCG emerging networks are also invited to participate in the effort. Networks are also encouraged to consider inflation and regularly increase their existing contribution.**

Only one network (Argo) is currently supporting OceanOPS at the required level, and the others do not even cover the salary of their focal point.

On another hand, OceanOPS is actively seeking support, helped by WMO and GOOS central office, in particular in Europe, through Institutional, research projects, and host country. A number of cooperation with new partners, or project proposals, could offer some positive outcomes in the short run.

OceanOPS is optimistic in resolving this on-going challenge but some help from OCG and its Networks would be more than welcome.

## 8. OFFICIAL STATEMENTS

Annex 2



### INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION

#### OceanOPS

(Statement of Account from 1 January 2022 to 31 December 2022)

(Expressed in US Dollars)

#### INCOME

##### Funds Received

Australia	28,557.43	
France	36,412.81	
Germany	5,144.03	
India	9,980.00	
Japan	10,000.00	
United Kingdom	21,105.45	
Eric EURO-ARGO	5,580.36	116,780.08

<b>TOTAL INCOME</b>		<b>116,780.08</b>
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#### EXPENDITURE

International & National Staff	60,030.28
Temporary Staff	
Other Personnel Cost	1,841.71
Staff Mission Costs	4,049.63
Delegates & External Individual Missions	723.52
Equipment	1,470.09
Management Costs	4,768.07


<b>TOTAL EXPENDITURE</b>	<b>72,883.30</b>
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<b>EXCESS (SHORTFALL) OF INCOME OVER EXPENDITURE</b>	<b>43,896.78</b>
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Balance Brought Forward as at 1 January 2022	190,381.05
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<b>BALANCE AS AT 31 DECEMBER 2022</b>	<b>234,277.83</b>
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Financial Report issued by the Grants Management Section, Bureau of Strategic Planning.

		<b>WMO OMM</b> World Meteorological Organization Organisation météorologique mondiale Organización Meteorológica Mundial Всемирная метеорологическая организация المنظمة العالمية للأرصاد الجوية 世界气象组织	<b>Secrétariat</b> 7 bis, avenue de la Paix – Case postale 2300 CH 1211 Genève 2 – Suisse Tel: +41 (0) 22 730 81 11 Fax: +41 (0) 22 730 81 01 wmo@wmo.int – public.wmo.int
		<b>WHOI Trust Fund</b> Trust Fund 421398 Final Statement of income and expenditure For the period 1 January to 31 December 2022 (Amounts in US dollars)	
1. Balance, 1 January 2022			129,448.72
2. Income			
2.1 Contribution received			544,628.00
2.2 Contribution to GCOS			(172,949.00)
2.3 Currency exchange impacts			(5,613.01)
2. Total available funds during reporting period			490,116.71
3. Expenditure			
3.1 Direct project costs			
3.1.1 Salaries and Wages	209,552.55		
3.1.2 Consultancy	25,256.24		
3.1.3 Total direct costs		234,808.79	
3.2 Indirect project costs			
3.2.1 Support costs at 7% (and adjustment to SC from prior period)	4,390.27		
3.2.3 Bank Charges	63.14		
3.2.4 Total indirect costs		4,453.41	
3.3 Total project expenditure			239,262.20
5. Balance of fund at 31 December 2022			250,854.51
6. Less obligations			166,760.43
7. Balance of fund at 31 December 2022, net of obligations			84,094.07

Certified correct  
by Brian Cover  
Date:  
2023.03.11  
16:45:43  
Brian COVER  
Chief, Finance Division  
24 March 2023

Certified correct:  
Dominique Berod  
Chief, Earth System Monitoring Division  
24 March 2023



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



## WMO OMM

World Meteorological Organization  
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المنظمة العالمية للأرصاد الجوية  
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### DATA BUOY CO-OPERATION PANEL Trust Fund 421309 Final Statement of Income and expenditure For the period 1 January to 31 December 2022 Amounts in United States dollars

1. Balance brought forward, 1 January 2022		210,168
2. Income		
2.1. Contributions a/		170,536
3. Total available funds during reporting period		380,704
4. Expenditure		
4.1. Direct project costs		
4.1.1. DBCP		
4.1.1.1. DBCP Capacity Building	14,315	
4.1.1.2. DBCP Chair Travel	4,659	
4.1.1.3. Other DBCP Expenses	1,835	
4.1.1.4. DBCP Total		20,810
4.1.2. SOT		
4.1.2.1. SOT Chair and Other Travel	2,429	
4.1.2.2. SOT Total		2,429
4.1.3. OceanOPS - Euro-Argo RISE		
4.1.3.1. Staff Missions	2,995	
4.1.3.2. OceanOPS Direct Personnel Costs	1,073	
4.1.3.3. OceanOPS - Euro-Argo RISE Total		4,068
4.1.4. JCOMMOPS		
4.1.4.1. IT Contract	112,265	
4.1.4.2. Staff Missions	26,377	
4.1.4.3. Fixed-term Staff - Moladita Clerk	171,612	
4.1.4.4. JCOMMOPS Total		67,031
4.1.5. OceanOPS - EuroSea		
4.1.5.1. OceanOPS Staff Direct Personnel Costs	124,351	
4.1.5.2. Staff Missions	4,446	
4.1.5.3. OceanOPS - EuroSea Total		128,797
4.1.6. Total direct costs		195,800
4.2. Indirect project costs		
4.2.1. Support costs at 3%	5,875	
4.2.2. Loss in currency exchange	10,246	
4.2.3. Bank charges	224	
4.2.4. Total indirect costs		16,344
4.3. Total project expenditure		212,172
5. Balance of fund at 31 December 2022		168,532
6. Balance comprised of the following projects:		
6.1. DBCP		124,748
6.2. SOT		50,444
6.3. WMO		18,562
6.4. OceanOPS - Euro-Argo RISE		(5,241)
6.5. JCOMMOPS		(14,145)
6.6. OceanOPS - EuroSea		(43,754)
6.7. Total		130,663

Contributions	
Molao France (EUR 55,000)	62,795
National Institute of Ocean Technology (USD 5,000)	5,000
RISE, H2020-ERC, Germany (EUR 7,200)	7,832
GEOMAR (release of deferred income)	94,918
<b>Total contributions</b>	<b>170,536</b>

<sup>a/</sup> Amount excludes USD 10,250 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). Therefore, the amount of contributions shown above excludes those that are deferred in accordance with IPSAS.

Certified correct:  
Digitally signed  
by Brian Cover  
Date: 2023.04.11  
Time: 10:00:00  
Cover, Finance Division  
6 April 2023

Certified correct:

Dominique Barod  
Project Manager  
6 April 2023

## CLS 2022 Trust Fund

INVOICE	PANEL	NOTE	PAYER	AU\$	US\$	€	BILL	PAYEE	US\$	€
JCOMMOPS INFRASTRUCTURE - RENT/OPERATIONS	DBCP/OceanSITES 2/3-1/3	RENT/OPERATIONS 1/3	WMO/DBCP				IT SERVICES	CLS		39602
JCOMMOPS INFRASTRUCTURE - RENT/OPERATIONS	SOT/GO-SHIP	RENT/OPERATIONS 1/3	WMO/JCOMM			76,719	STAFF (I.T.) 1 FTE	CLS		37117
JCOMMOPS INFRASTRUCTURE - RENT/OPERATIONS	ARGO	RENT/OPERATIONS 1/3	IOC/Argo							
TRUSTED2	OceanOPS		CLS			7,300.00	Expedition Plouzané-Paris	Legendre Celtic		107
							2022 Report Card	HIPPOCAMPE		10,350
JCOMMOPS COORDINATOR	ARGO		SOA - CHINA			13,630.00				
JCOMMOPS COORDINATOR	OCEANSITES		IMOS	7000		4,556.00	CELAD (January-Feb-March)	CELAD		19,557
JCOMMOPS COORDINATOR	ARGO		OGS			5,000.00	CELAD (Sept-Oct)	CELAD		13,653
NKE - Argo Labels	OceanOPS		NKE			2,500.00	Cocktail event	The ocean race		711
MRV - Labels	OceanOPS		MRV		445	406.00	Entrance OceanOPS plates	Optima		500
<b>TOTAL</b>						<b>33,392.00</b>	<b>Total</b>			<b>44,878</b>
		€								
		YEARLY BALANCE	-			11,486				
		CUMULATED BALANCE				5,465				