



CHARITY COMMISSION
FOR ENGLAND AND WALES

Charity Name

No (if any)

Receipts and payments accounts

CC16a

For the period
from

Period start date
4/5/2024

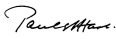
To

Period end date
4/4/2025

Section A Receipts and payments

	Unrestricted funds to the nearest £	Restricted funds to the nearest £	Endowment funds to the nearest £	Total funds to the nearest £	Last year to the nearest £
A1 Receipts					
Donations	-	5,500	-	5,500	224
		-	-	-	-
Bank Interest	136	-	-	136	132
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
Sub total (Gross income for AR)	136	5,500	-	5,636	356
A2 Asset and investment sales, (see table).					
	-	-	-	-	-
	-	-	-	-	-
Sub total	-	-	-	-	-
Total receipts	136	5,500	-	5,636	356
A3 Payments					
Software Development	-	5,197	-	5,197	2,195
Bank Charges	1	-	-	1	1
Software licences	76	-	-	76	60
Secchi Disks	31	-	-	31	654
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
Sub total	108	5,197	-	5,305	2,910
A4 Asset and investment purchases, (see table)					
	-	-	-	-	-
	-	-	-	-	-
Sub total	-	-	-	-	-
Total payments	108	5,197	-	5,305	2,910
Net of receipts/(payments)	28	303	-	331	2,554
A5 Transfers between funds	-	-	-	-	-
A6 Cash funds last year end	-	-	-	25,336	25,336
Cash funds this year end	25,365	303	-	25,668	

Section B Statement of assets and liabilities at the end of the period

Categories	Details	Unrestricted funds to nearest £	Restricted funds to nearest £	Endowment funds to nearest £
B1 Cash funds	Bank Depository Account	28	303	-
		-	-	-
		-	-	-
	Total cash funds	25,365	303	-
	(agree balances with receipts and payments account(s))	OK	OK	OK
		Unrestricted funds to nearest £	Restricted funds to nearest £	Endowment funds to nearest £
B2 Other monetary assets	Details	-	-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-
B3 Investment assets	Details	Fund to which asset belongs	Cost (optional)	Current value (optional)
			-	-
			-	-
			-	-
			-	-
			-	-
B4 Assets retained for the charity's own use	Details	Fund to which asset belongs	Cost (optional)	Current value (optional)
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
B5 Liabilities	Details	Fund to which liability relates	Amount due (optional)	When due (optional)
			-	
			-	
			-	
			-	
			-	
Signed by one or two trustees on behalf of all the trustees	Signature	Print Name	Date of approval	
		Paul Hart	4/20/2026	

Independent

i Disk Foundation

(remember to include the page numbers of additional sheets)

the trustees on my examination of the accounts of the above
e Trust") for the year ended

ity trustees of the Trust, you are responsible for the preparation
unts in accordance with the requirements of the Charities Act
Act").

respect of my examination of the Trust's accounts carried out
ion 145 of the 2011 Act and in carrying out my examination, I
ved the applicable Directions given by the Charity Commission
ion 145(5)(b) of the Act.

pleted my examination. I confirm that no material matters have
y attention (other than that disclosed below *) in connection with
ation which gives me cause to believe that in, any material

ounting records were not kept in accordance with section 130 of
Act or

accounts do not accord with the accounting records

concerns and have come across no other matters in connection
amination to which attention should be drawn in order to enable a
understanding of the accounts to be reached.

delete the words in the brackets if they do not apply.

Pipe

Pipe

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wn, Mullion,
ornwall,

closure

if the examiner needs to highlight matters of concern (see CC32,
examination of charity accounts: directions and guidance for



		Period start date			Period end date	
		05	04	2025	04	04 2026
From					To	

Section A

Reference and administration details

Charity name	The Secchi Disk Foundation
Other names charity is known by	
Registered charity number (if any)	1169399
Charity's principal address	Kiln Cottage
	Gnaton
	Yealmpton
Postcode	PL8 2HU

Names of the charity trustees who manage the charity

	Trustee name	Office (if any)	Dates acted if not for whole year	Name of person (or body) entitled to appoint trustee (if any)
1	Paul Hart	Chair		
2	Anthony Wates			
3	Paul Housego			
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
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15				
16				
17				
18				
19				
20				

Names of the trustees for the charity, if any, (for example, any custodian trustees)

Name	Dates acted if not for whole year

Names and addresses of advisers (Optional information)

Type of adviser	Name	Address

Name of chief executive or names of senior staff members (Optional information)

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Section B Structure, governance and management

Description of the charity's trusts

Type of governing document (eg. trust deed, constitution)	Constitution
How the charity is constituted (eg. trust, association, company)	Charitable Incorporated Organisation
Trustee selection methods (eg. appointed by, elected by)	Trustees are to be appointed for a term of three years by a resolution passed at a properly convened meeting of the charity trustees. In selecting individuals for appointment as charity trustees, the charity trustees must have regard to the skills, knowledge and experience needed for the effective administration of the CIO. New trustees are given a copy of the current version of constitution together with a copy of the CIO's latest Trustees' Annual Report and statement of accounts.

Additional governance issues (Optional information)

You **may choose** to include additional information, where relevant, about:

- policies and procedures adopted for the induction and training of trustees;
- the charity's organisational structure and any wider network with which the charity works;
- relationship with any related parties;
- trustees' consideration of major risks and the system and procedures to manage them.

All trustees give their time voluntarily and receive no remuneration or other benefits.

Section C Objectives and activities

Summary of the objects of the charity set out in its

To promote the conservation of the marine environment worldwide for the public benefit by engaging the public in scientific study and

governing document

to facilitate research of marine plankton and the food chain in order to advance collective knowledge and understanding of the marine ecosystem and to maintain biodiversity for the public good.

The focus of our activity is upon enabling the public in the scientific study of the marine plankton and the food web it supports for the public good. To that end, The Secchi Disk Foundation promotes scientific study by the general public and creates and distributes to the public free online tools and educational materials, and maintains websites and databases accessible freely by the public.

The trustees declare that they have complied with their duty to have due regard to the guidance on public benefit published by the commission in exercising their powers or duties.

Summary of the main activities undertaken for the public benefit in relation to these objects (include within this section the statutory declaration that trustees have had regard to the guidance issued by the Charity Commission on public benefit)

Additional details of objectives and activities (Optional information)

You **may choose** to include further statements, where relevant, about:

- policy on grantmaking;
- policy programme related investment;
- contribution made by volunteers.

Section D

Achievements and performance

Summary of the main achievements of the charity during the year

The Secchi Disk Foundation continued to expand the global reach of the Secchi Disk study this year. Work also included important updates to the Android version of the Secchi App funded by a generous donation from the Whirlwind Charitable trust, the Secchi App is the data submission application the public use to submit their Citizen Science data to the Study's database. As a result of its activities, the Foundation continues to engage the public through citizen science to provide a greater understanding of the marine ecosystem for the public good.

The Secchi Disk citizen science data was used by The United States National Oceanographic and Atmospheric Administration (NOAA) to produce and test new satellite algorithms for measurements of ocean colour.

Jianwei Wei, Menghua Wang, Lide Jiang, Zhongping Lee, Richard Kirby, Karlis Mikelsons, Gong L (2025) Satellite observations of water transparency from VIIRS in global aquatic ecosystem. *Remote Sensing of Environment*, Volume 330: 114981
<https://doi.org/10.1016/j.rse.2025.114981>

Abstract:

This study presents a new satellite ocean color data record of Secchi depth (Z_{SD}) observations from the Visible Infrared Imaging Radiometer Suite (VIIRS). As part of the NOAA enterprise satellite data processing, the decade-long Z_{SD} data are derived from the visible and near-infrared reflectance measurements over oceanic, coastal, and inland waters.

Section D

Achievements and performance

Based on in situ data, the model is excellent in generating low-uncertainty Z_{SD} data with an absolute percentage difference (APD) of 15%–29%. The satellite and in situ matchups confirm reliable satellite retrievals with APD = 19%–26% over the Z_{SD} range of 0.1–60 m. Although the product uncertainties are dependent on optical water types, assessments show that the satellite Z_{SD} estimations are very reliable, especially where $Z_{SD} \geq 1$ m. This new satellite product has enabled the ability to access Level-2 daily Z_{SD} imagery and information as well as Level-3 data aggregated on daily to monthly scales. Our examination indicates that the ocean transparent windows are situated at 443 and 486 nm in the vast open oceans and 551 nm for most coastal waters. They shift to the red band at 671 nm for extremely turbid environments, such as large river estuaries. From a global perspective, the Z_{SD} data extend from less than half a meter in nearshore environments to >70 m in the South Pacific Gyre, while demonstrating a strong dependency on the optical water types. Short-term fluctuations over time are registered in the satellite Z_{SD} daily and monthly data from almost every aquatic environment. Trend analyses reveal significant increases in water transparency over many regions, especially the open ocean. We stress the necessity of normalizing satellite Z_{SD} estimations to eliminate the uncertainties induced by different solar-zenith angles. The present satellite products can be further improved by accounting for the limitations imposed by the multispectral reflectance data with hyperspectral ocean color spectra.

Section E

Financial review

Brief statement of the charity's policy on reserves

The Secchi Disk Foundation's Trustees aim to maintain a financial reserve to mitigate any one of the following:

- i) The risk of an unforeseen need for funds, e.g., an unexpected need to maintain services that the Foundation provides such as mobile apps, databases etc due to circumstances outside the Foundations control. This includes funds to cover unforeseen day-to-day operational costs.
- ii) Funds to enable the Secchi Disk Foundation to carry out work that cannot be met by future income alone, e.g., to promote the work of the Foundation or for a project that requires the Secchi Disk Foundation to provide 'matched funding'.
- iii) To fund short-term deficits in a cash budget, e.g., money may need to be spent before a funding grant is received.
- iv) To provide secure funding for long-term resources provided by third parties that the Secchi Disk Foundation relies upon such as internet services, and other similar longer-term costs as the Trustees' see fit.

Details of any funds materially in deficit

Not Applicable

Further financial review details (Optional information)

You **may choose** to include additional information, where relevant about:

Our only sources of funds this year have been grant income, donations and bank interest. A proportion of the income is held as unrestricted funds both as designated funds for on-going project development costs and as reserves to be spent as the trustees see fit.

- the charity's principal sources of funds (including any fundraising);
- how expenditure has supported the key objectives of the charity;
- investment policy and objectives including any ethical investment policy adopted.

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Section F Other optional information

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Section G Declaration

The trustees declare that they have approved the trustees' report above.

Signed on behalf of the charity's trustees

Signature(s)

	
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Full name(s)

Paul Hart	
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Position (eg Secretary, Chair, etc)

Chair	
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Date

2026-04-20
