



## **National Oceanography Library Archive**

**Records of the Office of Director**

**Sir Anthony Laughton**

**Personal and corporate papers**

**1951 - 1988**

# Table of Contents

## Section 1

Un-numbered box titles and files .....	3-8
--	-----

Boxes are in alphabetical order under the box title (Untitled box headings are at the end of this sequence under “Untitled”). Files are in alphabetical order of the file title within each box. Box titles are in bold and underlined.

Numbered box titles and files.....	8-19
------------------------------------	------

Boxes are in numerical order and box title. Files are in numerical order of the file number within each box. Box titles are in bold and underlined.

Additional boxes added after main sequence .....	19-20
--	-------

Numbered/un-numbered files.

## Section 2

Combined alphabetical list of box titles, unnumbered and numbered file titles.....	21-33
--	-------

Box titles are in bold and underlined, untitled boxes are within the alphabetical sequence under “Untitled”. Abbreviations and acronyms are in alphabetical order of the abbreviation within the listing, not under the full title.

## Section 3

List of abbreviations/acronyms .....	34
--------------------------------------	----

## Section 4

Numbered files added to the collection in 2021 .....	35-36
--	-------

## Section 3

Files added to the collection in 2023-2024.....	37-38
---	-------

# Section 1

Box title / File contents	Date	Box
<b><u>Administrative and General Papers (Box 1)</u></b>		<b>1</b>
Lamont Geological Observatory (Correspondence)	1960-66	
Lectures and Talks (Correspondence)	1964-79	
Publishers and Publications (Correspondence)	1960-66	
Publishers and Publications (Correspondence)	1972-79	
<b><u>Administrative and General Papers (Continued) (Box 2)</u></b>		<b>2</b>
A. Laughton membership VG to IOS Taunton	1975	
NIO/IOS Executive Committee	1968-75	
NIO/IOS Internal Memos	1974-78	
References for new IOS Personnel (Confidential)	1965-81	
<b><u>Atlas of the International Indian Ocean Expedition (Box 3)</u></b>		<b>3</b>
"Geology and Geophysics"		
(1)	1967-72	
(2)	1973-75	
<b><u>Conferences and Meetings (Box 4)</u></b>		<b>4</b>
Conferences and Meetings	1959-69	
<b><u>Conferences and Meetings (Box 5)</u></b>		<b>5</b>
Conferences and meetings	1974-79	
<b><u>Conferences and Meetings (Box 6)</u></b>		<b>6</b>
Conferences and meetings	1980-82	
<b><u>Conferences and Meetings (Box 7)</u></b>		<b>7</b>
Conferences and meetings	1983-85	
<b><u>Coordinating Committee for Marine Science and Technology (Box 8)</u></b>		<b>8</b>
Correspondence	1986-89	
Correspondence (Meetings papers discarded (A. Laughton note))	1990-91	

**Correspondence (Box 9)**

9

Cambridge University	1955-1966, 1966-1967, 1968-1973
Cambridge University, Department of Mathematics and Theoretical Physics & Department of Earth Sciences, Correspondence*	1972-87
*File with: Office of Director – Summerhayes 652.2 + 3	
Hydrographic Office	1957-65
Royal Society	1960, 1961, 1964, 1966-67
Oil Companies	1966-76
Geophysical Companies	1972
NERC	1966-78
British National Space Centre*	1980-89
*File with: Office of the Director – Summerhayes 641.2	
Department of Trade and Industry (DTI) Correspondence*	1986-89
*File with: Office of the Director – Summerhayes 644.1	
Southampton University *	1957-89
* File with: Office of the Director – Summerhayes 657.1	
NOAA*	1973-90
* File with: Office of the Director - Summerhayes 681.20	
US Naval Oceanographic Office*	1967-87
*File with: Office of the Director - Summerhayes 683.1	

**Correspondence – Directors SEE: Directors Correspondence (Box 12)****Correspondence – General SEE: General Correspondence (Box 19)****Day Files (Box 10)**

10

Due to be filed in Directors System (A. Laughton note)	January-May 1986 June-December 1986 January-May 1987 June-December 1987 January-April 1988 (ASL Retired)
--	--

**Deep Sea Drilling Project (DSDP) (Box 11)**

11

Leg 12 1970 –	
Pre Cruise	1970
Post Cruise 1	1970-71
Post Cruise 2	1971-73

**Directors Correspondence Log (Box 12)**

12

Directors Correspondence – log	January 1975 – March 1977
“ “	March 1977-November 1979
“ “	November 1979-March 1981
“ “	September 1985-November 1986
“ “	November 1986-December 1987
“ “	January 1988-October 1988

**Directors Letter Files (Box 13)**

13

Directors Letter Files	January 1977-December 1979
------------------------	----------------------------

<b><u>Directors Letter Files (Continued) (Box 14)</u></b>		<b>14</b>
Directors Letter Files	January 1980-June 1981	
<b><u>Directors Letter Files (Continued) (Box 15)</u></b>		<b>15</b>
Directors Letter Files	July 1981-October 1982	
<b><u>Directors Letter Files (Continued) (Box 16)</u></b>		<b>16</b>
Directors Letter Files	October 1982- December 1982 January 1983-December 1983 (Missing)	
<b><u>Directors Letter Files (Continued) (Box 17)</u></b>		<b>17</b>
Directors Letters Files	January 1984-January 1985	
<b><u>Directors Letter Files (Continued) (Box 18)</u></b>		<b>18</b>
Directors Letter Files	February 1985-December 1985	
<b><u>General Correspondence (Box 19)</u></b>		<b>19</b>
1955-59; 1960-64; 1964-65; 1965-66; 1967; 1968-72; 1973-78. Instrumental enquiries 1960-74		
<b><u>International Committees etc (Box 20)</u></b>		<b>20</b>
International Geological Congress – Sub-Committee on Tectonic Maps of the World	1962-72	
IAPSO Commission on Marine Geophysics	1968-72	
International Cartographic Association – WG on oceanic cartography	1973	
IUGS Commission for Marine Geology	1969-76	
“ “ “ (Meeting 1974)	1966-69	
IUGG Upper mantle Committee. Working Group on submarine geology	1966-69	
IUGS Monu Geology Geophysics Data Inventory	1969-72	
Committee for the Geological Map of the World	1977-81	
<b><u>International Indian Ocean Expedition (Box 21)</u></b>		<b>21</b>
Reprints and Programmes	1959-64	
Correspondence	1960-64	
Chair of Indian Ocean	1961	
Summary of International Participants	4 April 1962	
Reports from HMS “Owen”	1961-62	
“ “ “ “	1962-63	
Correspondence HMS “Owen”		
<b><u>JOIDES/DSDP (Box 22)</u></b>		<b>22</b>
UK participation	1969-70	
DSDP	1971-72	

IPOD	1972-74	
Press cuttings	1970	
JOIDES Atlantic Advisory Panel	1973-74	
JOIDES Atlantic Advisory Panel	1975	
<b><u>JOIDES Planning Committee (Box 23)</u></b>		<b>23</b>
JOIDES Planning Committee	1974-75	
<b><u>JOIDES Planning Committee (Continued) (Box 24)</u></b>		<b>24</b>
JOIDES Planning Committee	1976	
<b><u>Miscellaneous Projects 1963-75 (Box25)</u></b>		<b>25</b>
Famous Projects	1973-75	
Operation NAVADO (HMS "Vidal")	1963-64	
Aeratam under RRS "Discovery"	1963	
Digital readout for Precision Echosounder	1971-72	
Shipbound data logger	1965-73	
4" (Four inch) multiplot profile recorder for PES	1961	
Satellite photography	1965	
Danbuoy mooring trials	1963-66	
Radar Transponders	1968-70	
N10 New Ship	1963	
British National Space Centre, Correspondence*	1980-89	
*File held with: Office of the Director – Summerhayes 641.2		
<b><u>National Institute of Oceanography /Institute of Oceanographic Sciences Estimates (Box 26)</u></b>		<b>26</b>
National Institute of Oceanography/Institute of Oceanographic Sciences, Estimates	1965-69 to 1977-78	
<b><u>N10/ECU Collaboration on digital Bathymetric Charts (Box 27)</u></b>		<b>27</b>
NERC/RCA Cartography Committee	1967-69	
"                    "	1970-72	
ECU Scientific Advisory Committee	1975	
Loose papers on experimental cartography		
<b><u>Ocean Bathymetric Studies (Box 28)</u></b>		<b>28</b>
N10 IV Project (with ECU) NE Atlantic Charts specification		
Correspondence	1969-72	
"	1973-77	
"            (105A)	1975-78	
Sheet 3            Compilation analysis	No date	
Sheet 5            Correspondence	1980-83	
GEBCO Sheets 5.04, 5.05, 5.08	1974-82	
<b><u>Ocean Bathymetric Studies (Continued) (Box 29)</u></b>		<b>29</b>
Proposal for automatic plotting of oceanic soundings Indian Ocean and Atlantic Bathymetric Charts	1961	

NIO/ECU collaboration on digital Bathymetric Charts		
N10 II Project. Charts NW Indian Ocean		1967-72
N10 III Project Charts of Gulf of Aden		1968-70
N10 IV Project – see box 23		
N10 V Project – Data bank storage of Bathymetric Charts		1969-72
Distribution of Bathymetric Charts		1970-79
N10/IOS Executive Committee		1968-75
<b><u>Royal Society Committees (Box 30)</u></b>		<b>30</b>
Paul Investment Fund		1963-69
Atlantic Basin Volcanological Studies Scientific Committee		1965-68
Volcanological Committee		1966-77
Grants Board E		1973-77
Royal Society Council		1986-88
University of London - Special Advance Board on Geophysics		1966-77
Royal Society Mullard Award*		1985-88
*File with: Office of the Director – Summerhayes 634.2		
<b><u>Scientific Committee for Ocean Research (SCOR) (Box 31)</u></b>		<b>31</b>
SCOR WG 31		
“Eastern Atlantic Continental Margin”		1969-71
SCOR WG 41		
“Morphological mapping of the ocean floor”		1972-74
SCOR Executive		May 1971
<b><u>Survey of Luzon Strait (Box 32)</u></b>		<b>32</b>
(Survey of Luzon Strait for Cable and Wireless) on C.S.Recorder Jan-Feb 1964		1964
<b><u>Working papers for publications [ A.Laughton] (Box 33)</u></b>		<b>33</b>
Working papers for Publications		1954-61
<b><u>Working Papers for Publications [A.Laughton] (Continued) (Box 34)</u></b>		<b>34</b>
Working papers for publications		1962-65
<b><u>Working Papers for Publications [A.Laughton] (Continued) (Box 35)</u></b>		<b>35</b>
Working papers for publications		1965-70
<b><u>Working Papers for Publications [A.Laughton] (Continued) (Box 36)</u></b>		<b>36</b>
Working Papers for publications		1970-91
<b><u>Untitled (Box 37)</u></b>		<b>37</b>
NERC WG on new ships		1968-70
NERC John Murray Committee (RVC)		1966-72

NERC Research Vessels Committee. WG on RV Policy	1969
Advisory Committee for Research Vessels Base	1970-72
Advisory Committee for Research Vessels Base 1 <sup>st</sup> -4 <sup>th</sup> Meetings	1972
Research Vessels Committee and Advisory Panel	1972
"Discovery "Refit Committee	1974-76
N10 Ship Committee	1966-68
NERC Research Vessels programming	1974
NERC Research Vessels programming Distant waters	1974

**Untitled (Box 38)** **38**

SMBA New Ship Specification by Y.A.R.D 1967-68

**Untitled (Box 39)** **39**

Design and development of NIO deep sea camera, and towed camera 1955-1965-1975  
Photographic current meter

**Untitled (Box 40)** **40**

Discussions and meetings on Radioactive Waste Disposal 1976-79

**Untitled (Box 41)** **41**

NERC Working Party on Marine Acoustics 1972-74  
NERC Ad-hoc Panel-Policy for Geological Science, 1973-75

**Untitled (Box 42)** **42**

Notes, files etc. from Research Studentship days at Cambridge and USA 1951-55  
Working papers etc for PhD dissertation [A. Laughton]

**Numbered box titles/ File contents**

File No	File Name	Date	Box
<b>1.1</b>	<b><u>IOS Committees (Box43)</u></b>		<b>43</b>
1.1.1	Untitled	No date	
1.1.2	Untitled	No date	
1.1.3	IOS Building Committee	No date	
1.1.4	Untitled	No date	
1.1.5	IOS Computers Services Committee	No date	
1.1.6	Untitled	No date	
1.1.7a,c,d.	Science Review Committee (Shelf, Currents, Sediments)	No date	
<b>1.2</b>	<b><u>IOS Groups (Wormley) (Box 44)</u></b>		<b>44</b>
1.2.1	Marine Physics Group	No date	
1.2.2	Untitled	No date	
1.2.3	Marine Geophysics Group	No date	
1.2.4	Marine Geology Group	No date	

<b>1.3</b>	<b><u>IOS Groups (Bidston) (Box 45)</u></b>		<b>45</b>
1.3.1	General Committee	No date	
1.3.2	Tides and Surges Group	No date	
1.3.3	Untitled	No date	
1.3.4	Data Processing Group	No date	
<b>1.4</b>	<b><u>IOS Groups (Taunton) (Box 46)</u></b>		<b>46</b>
1.4.1	General Correspondence	No date	
1.4.1 I	General Correspondence	No date	
1.4.1 II	General Correspondence	No date	
1.4.2	IOS Taunton Management Committee	No date	
1.4.2	IOS Taunton Management Committee	No date	
1.4.3	Sedimentation Group	No date	
<b>1.5</b>	<b><u>IOS Staff Matters (Box 47)</u></b>		<b>47</b>
1.5.1	Staff lists	No date	
1.5.2	Miscellaneous Staff affairs	No date	
1.5.3	Vacancies and posts (I, II) (No numbers/files for 1.5.4-7 recorded) * NOL note	No date	
1.5.8.1	IPCS (Stripe?)	No date	
1.5.8b	Adrian Gill	No date	
1.5.8al & II	Martyn Lees	No date	
<b>1.6</b>	<b><u>IOS Finances (Box 48)</u></b>		<b>48</b>
1.6	IOS Costing Manual		
1.6.1 I	Forward Look	No date	
1.6.1 II	Forward Look	1980/84	
1.6.1 III	Forward Look	1981/85	
1.6.1 IV	Forward Look	1982/86	
<b>1.6</b>	<b><u>IOS Finances (Continued) (Box 49)</u></b>		<b>49</b>
1.6.2 I	Estimates	1979/80	
1.6.2 II	Estimates	1979/80	
1.6.2 II	Estimates	1980/81	
1.6.2 II	Estimates	1980/81	
1.6.2 III	Estimates	1981/82	
1.6.2 III	Estimates	1981/82	
1.6.2 III	Estimates	1981/82	
<b>1.6</b>	<b><u>IOS Finances (Continued) (Box 50)</u></b>		<b>50</b>
1.6.2 IV	Estimates	1982/83	
1.6.2 IV	Estimates	1982/83	
1.6.2 IV	Estimates	1982/83	
1.6.2 V	Estimates	1983/84	
1.6.2 V	Estimates	1983/84	
1.6.2 V	Estimates	1983/84	

<b>1.6</b>	<b><u>IOS Finances (Continued) (Box 51)</u></b>		<b>51</b>
1.6.2	VI	Estimates	1985/86
	VI	Estimates	1985/86
	VI	Estimates	1985/86
<b>1.6</b>	<b><u>IOS Finances (Continued) (Box 52)</u></b>		<b>52</b>
1.6.3		Financial allocations	1979/80
1.6.3	I	Financial allocations	1980/81
1.6.3	II	Financial allocations	1981/82
1.6.3	III	Financial allocations	1982/83
1.6.3	IV	Financial allocations	1983/84
<b>1.6</b>	<b><u>IOS Finances (Continued) (Box 53)</u></b>		<b>53</b>
1.6.4	I	Scientific Expedition Analysis	1977/78
	II	Scientific Expedition Analysis	1978/79
	III	Scientific Expedition Analysis	1979/80
	IV	Scientific Expedition Analysis	1980/81
	V	Scientific Expedition Analysis	1981/82
	VI	Scientific Expedition Analysis	1982/83
<b>1.7</b>	<b><u>Commissioned Research (Box 54)</u></b>		<b>54</b>
1.7.1	Reviews of Commissioned Research		1978-87
1.7.2	Commissioned Research (1.7.3 not listed*) *NOL note		1979-81
1.7.4	IOS Radioactive Work Programmes		from 1976
1.7.4a	IOS Radioactive Work Programmes		from 1976
1.7.4b	IOS Radioactive Work Programmes		from 1976
1.7.4c	IOS Radioactive Work Programmes		from 1976
1.7.5	NERC Marketing seminar		1984
<b>1.8</b>	<b><u>IOS Programmes and Projects (Box 55)</u></b>		<b>55</b>
1.8.0	Rolling Summary		1977-1985
1.8.1	Programme Reviews		1977-1981
1.8.2	IOS Annual Report		1977, 1978
1.8.2	IOS Annual Report		1979, 1980, 1980
1.8.3	Quarterly List of Publications by Staff		1979-82
1.8.4	Diving in IOS		No date
<b>1.8</b>	<b><u>IOS Programmes and Projects (Continued) (Box 56)</u></b>		<b>56</b>
1.8.5	Remote Sensing at IOS		No date
1.8.5	I	Remote Sensing	No date
	II	Remote Sensing	No date
	III	Remote Sensing	No date
	IV	Remote Sensing	No date
<b>1.8</b>	<b><u>IOS Programmes and Projects (Continued) (Box 57)</u></b>		<b>57</b>
1.8.6	Permanent Service for Mean Sea Level		No date
1.8.7	Standard Seawater Service		No date
1.8.8.	Ocean Modelling Group		No date

1.8.8.1	Ocean (Conference?) Modelling Advisory Committee	No date	
1.8.10	IOS Met Ocean Club	No date	
1.8.11	Planning for Science in the 70s	No date	
<b>1.9</b>	<b><u>IOS Administration (Box 58)</u></b>		<b>58</b>
1.9.3.1	Visit of HRH Duke of Edinburgh	No date	
1.9.5	Open days	No date	
<b>1.10</b>	<b><u>IOS Ship and Cruise Planning (Box 60)</u></b>		<b>59</b>
1.10.0	Audit Review of marine overtime and allowances and 2 reports	1979	
1.10.1	Joint IOS/NSS/RVS Meetings	No date	
1.10.2	“Discovery” general and refits	No date	
<b>1.10.3</b>	<b><u>“Discovery” Cruise Planning (Box 59)</u></b>		<b>60</b>
	to	1980/81	
		1982/83	
		1983/84	
		1985/86(I)	
		1985/86(II)	
		1987/88	
		1988/89	
		1989/90	
<b>1.10</b>	<b><u>IOS Ship and Cruise Planning (Continued) (Box 61)</u></b>		<b>61</b>
1.10.4	“Discovery” Cruise Programmes	No date	
1.10.5	IOS Cruise Circulars	No date	
1.10.6	Requests to see “Discovery”	No date	
1.10.7	“Discovery” – ship and equipment	1959-83	
1.10.8	Other cruises (with IOS participation)	No date	
1.10.9	Other Research ships	No date	
<b>1.10</b>	<b><u>IOS Ship and Cruise Planning (Continued) (Box 62)</u></b>		<b>62</b>
1.10.12	“Discovery” modifications	1972-82	
1.10.13	IOS Sub-committee for a review of scientific use of research vessels	No date	
1.10.14	Instrumentation for principal science on “Discovery”	No date	
<b>2.1.1.</b>	<b><u>NERC Directors meetings (Box 63)</u></b>		<b>63</b>
	I	1971-1977	
	II	(A L's note) “missing”	
	III	1980-1983	
<b>2.1.8</b>	<b><u>NERC.Marine Science Directorate (Box 63)</u></b>		
<b>2.1.8.1</b>	NERC.Marine Science Directorate. Correspondence	Sept-Dec 87	
	File with: Office of the Director – Summerhayes 532.1		
<b>2.1.8.3</b>	NERC Marine Science Directorate, Financial Planning Group*	1987-1988	
	*File with: Office of the Director – Summerhayes 532.4		
<b>2.2</b>	<b><u>NERC Research Vessels (Box 64)</u></b>		<b>64</b>
2.2.1	Research Vessels Policy Committee	No date	

2.2.1a	Cumulative Review of Scientific of NERC Research Vessels	No date	
2.2.2a	Research Vessels – General	No date	
2.2.2e	Research Vessels – Report Structure	No date	
2.2.3	Research Vessels Plans and design GP	No date	
	All items discarded (AL Note)		
<b>2.3</b>	<b><u>NERC Service Groups (Box 65)</u></b>		<b>65</b>
2.3.2 – I	NERC Computing and Scientific Services	1978-81	
2.3.2 – II	NERC Scientific Services	1981-85	
2.3.5	NERC Research Vessel Services	No date	
<b>2.4</b>	<b><u>NERC Administration (Box 66)</u></b>		<b>66</b>
2.4.2	I Letters from Director IOS etc	1978-81	
	II Letters from Director IOS etc	1980-82	
	III Letters from Director IOS etc	1982-84	
	IV Letters from Director IOS etc	Missing	
	V Letters from Director IOS etc	1985-87	
<b>2.4/2/5</b>	<b><u>NERC – Safety (Box 67)</u></b>		<b>67</b>
2.5.2	NERC Code of Practices	No date	
2.5.3	Safety at Sea	No date	
2.5.4	Code of practice for maritime structures	No date	
2.5.5.1	Explosives incident on “Discovery” Cruise 107	No date	
2.5.6.1	(II) Marine Biological Association Council –Correspondence*	1986-87	
	*File with: Office of Director – Summerhayes 515.5		
<b>2.6.1</b>	<b><u>NERC Institutions - Correspondence (Box 68)</u></b>		<b>68</b>
2.6.1	IMER	No date	
2.6.2	IGS/BGS (I & II)	No date	
2.6.3	ECU	No date	
2.6.4	BAS	No date	
2.6.5	MBA	No date	
2.6.6	SMBA	No date	
2.6.7	IV	No date	
2.6.8	IH	No date	
<b>2.7</b>	<b><u>NERC Visiting Groups (Box 69)</u></b>		<b>69</b>
2.7.1	IOS Sedimentation	1976-77	
2.7.2	NERC Computing Facilities	1977-78	
2.7.3	RVS & MSES	1977	
2.7.4	IOS Wormley, Bidston & Taunton	1976-77	
2.7.5	IOS Marine Biology	No date	
<b>2.7</b>	<b><u>NERC Visiting Groups (continued) (Box 70)</u></b>		<b>70</b>
2.7.6.	SMBA	1977	
2.7.7	IOS Marine Geology and Geophysics	1978	
2.7.8	IOS Physical Marine Sciences	1976-78	
2.7.10	Marine Geophysical Universities	1979-80	
2.7.11	(Ackers Committee) NERC Working Group to RVS & IOS: Engineering and Ship Services Correspondence, *	1981-1989	
	*File with: Office of the Director Summerhayes Papers, 506.10		
2.7.12	IOS Administration, Library, Technical Services	1981-83	

2.7.13	(+ I + II)IOS All	1983-84	
<b>2.8</b>	<b><u>Other NERC Committees (Box 71)</u></b>		<b>71</b>
2.8.1	Antarctic Earth Science Coordinating Group	1980-81	
2.8.2	NERC/Fisheries Departments – Liason meetings	1984	
2.8.3	COGER	1978-82	
2.8.4	IRCCOPR	1979	
2.8.6	NERC Working Party of Mon? Geological and Geophysics Data	1978	
2.8.6	UK Coordinating Committees – IPOD & ODP	1980-83; 1986	
<b>2.8</b>	<b><u>Other NERC Committees (Continued) (Box 72)</u></b>		<b>72</b>
2.8.7	ACIOA	1981	
	ACIOA	1982	
<b>2.8</b>	<b><u>Other NERC Committees (Continued) (Box 73)</u></b>		<b>73</b>
2.8.7	ACIOA (Continued)	1982(Cont.)	
	ACIOA (Continued)	1983	
	ACIOA (Continued)	1984	
<b>2.8</b>	<b><u>Other NERC Committees (Continued) (Box 74)</u></b>		<b>74</b>
2.8.8	BGS/10S Liaison	1985	
2.8.9	Remote Sensing Strategy Committee	1983, 1985-86	
2.8.10	Remote Sensing Users Committee	1980-83	
2.8.11	NERC Central Advisory Committee	1980-81	
2.8.12	Remote Sensing Facilities Committee	1981-83	
(2.8.12)	NERC Working Group on Geographical Information Aug-Dec 1987)*		
	*File with: Office of Director-Summerhayes 505.7		
2.8.13	Working Group on Cartography	1983-84	
2.8.14	Anglo-French Diving Cooperation	1983	
2.8.15	Meetings in Geophysics	1983	
2.8.16	Estuarine Processes Planning Group	1980	
2.8.17	Joint Remote Sensing Science Committee	1984-85	
<b>3.1.II</b>	<b><u>SERC (Box 75)</u></b>		<b>75</b>
3.1. II	Rutherford Appleton Laboratory	1980-85	
3.1. I	Marine Technology	1978-80	
3.1.1.2	Coastal Engineering Research	1980-86	
3.1.2	Marine Technology Directorate	No date	
<b>3.2</b>	<b><u>Department of the Environment (Box76)</u></b>		<b>76</b>
3.2.1	DOE Sea disposal Research Waste Products	1978	
3.2.1	McAlpine Report on Radioactive Waste Disposal	1979	
3.2.1	DOE paper on radioactive waste management	1978-79	
3.2.1	DOE Trial N/L on radioactive waste management	1978-79	
3.2.1	Radioactive Waste disposal sewer report and design	1978-79	
3.2.1	Subject Area Group (46?) Radioactive waste	1980	
3.2.1	Radioactive waste management advisory Committee	1978-79	

<b>3.2</b>	<b><u>Department of the Environment (Continued) (Box 77)</u></b>	<b>77</b>
3.2	General Correspondence	1980-86
3.2.2	Annual Meeting on Commissioned Research	1979
3.2.3	Enquiry on Geographic Information (Chorley Commission)	1985
3.2.5	Marine Water Physical Committee	1978-80
3.2.7	DOE Group on Environmental effects of deep ocean mining	1981-82
<b>3.2</b>	<b><u>Department of the Environment (Continued) (Box 78)</u></b>	<b>78</b>
3.2.4	DOE Radioactive Waste Management Contact Group (Ocean Discipline)	1971-81
3.2.4	DOE Radioactive Waste Management Contact Group (Ocean Discipline)	1981-1982
3.2.4	DOE Radioactive Waste Management Contact Group (Ocean Discipline)	1983
<b>3.2</b>	<b><u>Department of the Environment(Continued) (Box 79)</u></b>	<b>79</b>
3.2.6	Radioactive Waste Technical Liason Committee (RWTLIC)	1980-1983
<b>3.3</b>	<b><u>Department of Trade and Industry (Box 80)</u></b>	<b>80</b>
3.3.1	Advisory Committee on Resources from the Sea (ACRFS)	1984
3.3.1 I	Advisory Committee on Resources from the Sea Programme. Correspondence*	1987
	* File with: Office of the Director – Summerhayes 644.2	
3.3.1 II	Advisory Committee on Resources from the Sea (ACRFS)	1984
3.3.1 III	Advisory Committee on Resources from the Sea (ACRFS)	1984
3.3.1	Advisory Committee on Resources from the Sea (ACRFS)	1984-85
3.3.1	Advisory Committee on Resources from the Sea (ACRFS)	1985-86
<b>3.3</b>	<b><u>Department of Trade and Industry (Continued) (Box 81)</u></b>	<b>81</b>
3.3.1 IV	Advisory Committee on Resources from the Sea (ACRFS)	No date
3.3.1 V	Advisory Committee on Resources from the Sea (ACRFS)	No date
3.3.2	Interdepartmental Meeting on Modern Technology	1986
3.3.2a	SMTRB	1980
3.3.2G	DTI Seminars	1985
3.3.3	DTI Eureka	1985-86
3.3.4	Deep-Sea Mining Legislation	No date
<b>3.4</b>	<b><u>Department of Energy (Box 82)</u></b>	<b>82</b>
3.4.	Correspondence	1979
3.4	Correspondence	1981-85
3.4.1	Seven Tidal Barrage	1978
3.4.1	Seven Tidal Barrage	1979
3.4.2	Currents and Waves	1979
3.4.2	Currents and Waves	1979-80
2.4.3	Continental Margins	1981-83
3.4.4	Advanced Group Environmental Forces AGEF	1979
<b>3.5</b>	<b><u>UKAEA (Box 83)</u></b>	<b>83</b>
3.5.7	UKAEA Fuel Processing Committee RWM S/C (to 3.5.11)	1980-81

<b>3.5</b>	<b><u>AERE (Harwell) and UKAEA (Box 84)</u></b>	<b>84</b>
3.5.1	AERE RW Man. Committee (to 3.5.6 UKAEA Fuel Processing Committee)	1978-1980
<b>3.7</b>	<b><u>MAFF (Box 85)</u></b>	<b>85</b>
3.7.1	MAFF RW Programme	1978-82
3.7.2	MAFF Flood Protection Research Committee	1974-78
3.7.2	MAFF Flood Protection Research Committee	1981-85
3.7.2	MAFF Flood Protection Research Committee	1985
3.7.3	MAFF Standing Group (RW)	1981-85
<b>3.8</b>	<b><u>Other Countries, Meetings etc (Box 86)</u></b>	<b>86</b>
3.8	Meteorological Office	1981-85
3.9	British Museum (Natural History)	1967-1982
<b>3.10</b>	<b><u>FCO Law of the Sea (Confidential) (Box 87)</u></b>	<b>87</b>
	9 <sup>th</sup> Session UNCLOS	1980
	10 <sup>th</sup> Session UNCLOS	1981
	11 <sup>th</sup> Session UNCLOS	1982
	Papers ve signature	1983-84
	DOP Committee	1984-85
	Iceland – Jan Mayen Report	1981
	IOS Internal Report, 149	1981
	IOS Internal Report, 149 (FCO)	1981
	IOS Internal Report, 173	1983
	IOS Internal Report, 174	1983
	IOS Internal Report, 202	1984
<b>3.10</b>	<b><u>FCO Law of the Sea (Confidential) (Continued) (Box 88)</u></b>	<b>88</b>
	I	1973-79
	II February – December 1979	1979
	III January – December 1980	1980
	IV	1981-1987
3.10.1	Antarctica (Sub-heading of 3.10) (Box 88)	
	(3.10 FCO of separate boxes)	
3.11	ODA	1978-80
3.12	NRPB	1982
3.14	Dept of Trade	1982
3.15	Ordnance Survey	1979-1982
3.16	ABRC	1982
3.17	Rayner Sorting of Research Councils	1983
3.18	Mason Review of Commissioned Research	1983
3.19	ABRC Science Policy Study	1984

**3.20 Other Committees, Meetings etc (Box 89) 89**

3.20	Review of Radioactive Waste disposal at sea – Holliday Committee	No date
3.21	Evidence to House of Lords Select Committee on Marine Science and Technology	1985-86
3.21	2 <sup>nd</sup> Minutes of Evidence to House of Lords Select Committee on Marine Science and Technology	1985-86
3.21	Royal Society Evidence to House of Lords Select Committee of Marine Science and Technology	1985
3.22	House of Lords Select Committee on European Community Environment	1986
3.23	House of Commons Environment Committee on Radioactive Waste	No date
3.24	House of Lords Select Committee on Remote Sensing and Digital Mapping	No date
3.25	Royal Committee on Environmental Pollution	1974-77
3.25	Royal Committee on Environmental Pollution	1976
3.25	Royal Committee on Environmental Pollution	1977

**4.1 UK Universities (Box 90) 90**

4.2	UCNW (University College of North Wales) Menai Bridge	1965-86
4.3	Cambridge University	1968-83
4.6	UEA	1968-83
4.7	Bath University	1973-84
4.8	Bristol University	1957-1960; 1964-78
4.10	Leeds University	1970-83
4.11	Durham University	1966-85
4.12	Newcastle University	1967-86
4.14	Surrey University Correspondence	1968-79
4.14	Surrey University Correspondence*	1980-88
	* File with: Office of the Director – Summerhayes 650.11	
4.15	Liverpool University	1981-85
4.16	Oxford University (Robert Hooke Institute)	1984-86

**5.1 Royal Society Committees (Box 91) 91**

5.1	Royal society Correspondence	1974-86
5.1.1	BNC Antarctic Research	1978-81
5.1.1	BNC Antarctic Research	1982-85
5.1.2	BNC Geology	1978-80
5.1.2	BNC Geology	1980-86

**5.1 Royal Society Committees (Continued) (Box 92) 92**

5.1.3	BNC International Geological Correlation Project	1973-77
5.1.3	BNC International Geological Correlation Project	1976-81
5.1.3	BNC for Geodesy and Geophysics, Committee Meetings *	1985-88
	* File with Office of the Director – Summerhayes 605.3	
5.1.4	BNC Geodynamics	1972-73
5.1.4	BNC Geodynamics	1974-80

**5.1 Royal Society Committees (Continued) (Box 93) 93**

5.1.5.	BNG Geodesy and Geophysics	1973-79
5.1.5	BNG Geodesy and Geophysics	1980-84
5.1.5	BNG Geodesy and Geophysics	1983-84

<b>5.1</b>	<b><u>Royal Society Committees (Continued) (Box 94)</u></b>		<b>94</b>
5.1.6	BNC Oceanic research	1974-75	
5.1.6	BNC Oceanic research	1976-79	
5.1.6	BNC Oceanic research	1980-85	
<b>5.1</b>	<b><u>Royal Society Committees (Continued) (Box 95)</u></b>		<b>95</b>
5.1.6.1	BNC Oceanic Research – Scientific Liaison Sub-committee	1986-87	
5.1.6.2	Discussions on a new study for Marine Science and Technology	1985-88	
5.1.6.2	Related papers, brochures etc.		
5.1.6.3	BNC on Oceanic Research *	Jan 86-87	
	<b>*File with: Office of Director – Summerhayes 709.4</b>		
<b>5.1</b>	<b><u>Royal Society Committees (Continued) (Box 96)</u></b>		<b>96</b>
5.1.7	BNC Ocean Engineering	1974	
5.1.8	BNC Global Atmospheric Research Programme	1971-77	
5.1.8	BNC Global Atmospheric Research Programme	1979	
5.1.10	BNC World Climate Research Programme	1980-86	
5.1.11	BNC Lithosphere Programme	1980-84	
5.1.12	Royal Society. Guide to UNLOSC (Prepared under BNCOR)	1981-83	
<b>5.1</b>	<b><u>Royal Society Committees (Continued) (Box 97)</u></b>		<b>97</b>
5.1.6	Parliamentary Monitoring Group	1985	
5.2	Royal Geographical Society	1976-86	
5.3	Geological Society	1981-86	
5.4	UK UNESCO Committee	1982-85	
5.5	IOS-UK Oceans Industry	1984	
5.5.1	IOS Met Ocean Club	1985	
5.5.1	CIRIA/ICE Study-Civil Engineering	1979-80	
5.9	Marine Society	1980	
<b>6.0</b>	<b><u>Non-UK Organisations (Box 98)</u></b>		<b>98</b>
6.1	UNDP	1978-81	
6.1.2	IAEA	1981	
6.2	EEC	1980-86	
6.2.1	Council of Europe	1983-86	
6.2.2	COST	1979 –1980	
<b>6.0</b>	<b><u>Non UK Organisations (Continued) (Box 99)</u></b>		<b>99</b>
6.2.3	EEC Radiological Work Projects	1980-1981	
	(UK organisations continued 6.6 (Box 103))		
<b>6.3</b>	<b><u>USA Institutions (Box 100)</u></b>		<b>100</b>
6.3.1a	National Academy of Science	1977	
6.3.1	National Science Foundation Correspondence*	1967-89	
	File with: Office of Director – Summerhayes 682.10		
6.3.3	Defence Mapping Agency	1972-81	
6.3.4	Office of Naval Research	1968-79	



7.6	NATO Scientific Committees	1981-82	
<b>7</b>	<b><u>Non UK Committees ( Continued) (Box 105)</u></b>		<b>105</b>
7.2	SCOR	1978-80	
7.7	ESA	1978	
7.8.3	Commission for the Geological Map of the World*	1987	
	*File with: Office of the Director- Summerhayes 621.1		
7.11	NEA Seabed working Group	1979	
7.11	NEA Seabed working Group	1980	
7.11	NEA Seabed working Group	1981-83	
7.11	NEA Seabed working Group	1981	
7.11	NEA Seabed working Group	1982-83	
7.12	(Not titled by A. Laughton (NEA Seabed Working Group))	No date	
<b>8</b>	<b><u>Symposia, Lectures, Publications, etc (Box 106)</u></b>		<b>106</b>
8.3	Symposia, Conferences, Meetings	1978-86	
8.4	Publications etc	1980-85	
8.4	Publications etc	1985-86	
8.5	Publicity and exhibitions	1978-86	
8	Miscellaneous (Sub-heading) (Box 106)		
9.1	General		
9.2	Grants		

**Additional boxes added after main sequence**

**Boxes containing numbered files**

<b>File No</b>	<b>Box/file title</b>	<b>Date</b>	<b>Box</b>
1	<b><u>Institute of Oceanographic Sciences, Deacon Laboratory (Box 107)</u></b>		<b>107</b>
1.6.2	Institute of Oceanographic Sciences, Deacon Laboratory Finances 1987/88 File I	1987-88	
1-2	<b><u>Institute of Oceanographic Sciences, Deacon Laboratory &amp; NERC (Box 108)</u></b>		<b>108</b>
1.2.2	Marine Biology (IOS)	1953-82	
1.3.3	MIAS (Marine Information Advisory Service) (IOS)	1978-80	
2.1a	NERC – Preparatory Group A (Earth Sciences), 36 <sup>th</sup> Meeting, 5 February 1980	1980	
2.1b	NERC - Preparatory Group C – Correspondence, 1976-1980	1976-80	
2.1c	NERC - Preparatory Group D - Correspondence, 1976-1979	1976- 79	
<b>2</b>	<b><u>UK IPOD (Box 109)</u></b>		<b>109</b>
2.8.6.I	UK IPOD Coordinating Committee	1978	
2.8.6.II	UK IPOD Coordinating Committee /Panel	1979-80	
<b>5</b>	<b><u>Department of the Environment (Box 110)</u></b>		<b>110</b>
5.2.6.2I	Department of the Environment – Radioactive Waste Technical Liaison Committee	to 1979(July)	

## Boxes containing un-numbered files

Box/file title	Date	Box
<b><u>GEBCO – Guiding Committee for the General Bathymetric Chart of the Oceans (GEBCO) Box 111</u></b>		<b>111</b>
GEBCO - Guiding Committee 2, Monaco – 28-30 April 1975	1975	
GEBCO - Guiding Committee, Ottawa – April 1976	1976	
GEBCO - Guiding Committee, Ottawa – 21-23 May 1976	1976	
GEBCO - Guiding Committee, Paris - May 1977	1977	
GEBCO – 5 <sup>th</sup> Session of the Joint IOC/IHO Guiding Committee for GEBCO, Ottawa 24-26 April 1978	1978	
<b><u>NERC – Natural Environment Research Council (Box 112)</u></b>		<b>112</b>
NERC – Report of the audit review of marine overtime and allowances April 1976-March 1979	1976-1979	
NERC - Internal Audit (6 Copies)	No date	
NERC - “Operation Navado”, “Operation Vidal” & “Operation Darymple” - North Atlantic Survey	No date	
<b><u>Engineering and Ship Services (IOS) (Box 113)</u></b>		<b>113</b>
Autonomous Test Vehicle (OE13) Drawings –reports – papers – correspondence	1985-1987	
Rayner Report (NERC) (recommendations for efficiency savings) – memoranda reports – comments.	1982-1983	
Working Group on ‘Engineering and Ship Services’	1982-1988	
<b><u>Underwater photography (Box 114)</u></b>		<b>114</b>
Underwater photography – Description data sheets, Geology and zoology (incl fossil activity), type of camera, stations and locations <b>V.1</b> Stations VA1 -VA 19, 3120-5235, Station sheets incomplete, include state of camera, notes and diagrams. Includes station sheets for The Red Sea, Gulf of Aden, Somali Plain, Mt Error NW Indian Ocean, and locations in the NE Atlantic –Iberia Abyssal Plain, Azores. <b>V.2</b> Stations HPC 1-6, 5609-7028, Station sheets incomplete, includes state of camera, notes and diagrams. Includes station sheets for NE Atlantic, including Biscay Abyssal Plain, Continental Slope SW Approaches. Rockall Bank, Galicia Bank. 2 A3 loose leaf binders	Ca 1956-1963	
<b><u>Underwater photography (Box 115)</u></b>		<b>115</b>
Underwater photography - Slides (photographs) – Data for some data sheets in box 114, in wooden slide drawer, with accompanying list, giving stations and locations in box 115	Ca 1956-1963	
<b><u>Underwater photography (Box 116)</u></b>		<b>116</b>
Underwater photography - Slides (photographs) – Data for some data sheets in box 114, in wooden slide drawer, with accompanying list, giving stations and locations in box 115	Ca 1956-1963	

## Section 2

**Combined alphabetical list in box and file title order – unnumbered and numbered files**  
**Box title in bold**

Box title/file contents (File Nos. in brackets)	Date	Box
2 <sup>nd</sup> see: (Second) 2 <sup>nd</sup>		
ABRC (3.16) (FCO of separate boxes)	1982	88
ABRC Science Policy Study (3.19) (FCO of separate boxes)	1984	88
<b><u>Administrative and General Papers</u></b>		<b>1</b>
<b><u>Administrative and General Papers (Continued)</u></b>		<b>2</b>
Advisory Committee for Research Vessels Base	1970-72	37
Advisory Committee for Research Vessels Base 1 <sup>st</sup> -4 <sup>th</sup> Meetings	1972	37
ACIOA (Other NERC) Committees (2.8.7)	1981; 1982	72
ACIOA (Continued) (2.8.7) (Other NERC Committees) (Continued)	1982 (continued), 1983; 1984	73
Advisory Committee on Resources from the Sea (ACRFS) (3.3.1) (DTI)	1984	80
Advisory Committee on Resources from the Sea (ACRFS) (3.3.1) (DTI)	1985-86	80
Advisory Committee on Resources from the Sea (ACRFS) (3.3.1) (DTI)	1984	80
Advisory Committee on Resources from the Sea (ACRFS) (3.3.1.II) (DTI)	1984	80
Advisory Committee on Resources from the Sea (ACRFS) (3.3.1.III) (DTI)	1984	80
Advisory Committee on Resources from the Sea (ACRFS) (3.3.1.IV) (DTI)	No date	81
Advisory Committee on Resources from the Sea (ACRFS) (3.3.1.V) (DTI)	No date	81
Aeratam under RRS "Discovery"	1963	25
Anglo-French Diving Cooperation (2.8.13) (Other NERC Committees)	1983-84	74
Annual Meeting on Commissioned Research (3.2.2) (Department of the Environment)	1979	77
<b><u>AERE (Harwell) and UKAEA (3.5)</u></b>		<b>84</b>
AERE RW Management Committee (3.5.1)	1978-1980	84
A. Laughton membership VG to IOS Taunton	1975	2
Antarctic Earth Science Coordinating Group (Other NERC Committees)		
(2.8.1)	1980-81	71
Antarctica (3.10.1) (FCO Law of the Sea) (Subheading)		88
Argentina (6.18)	1981	102
Atlantic Basin Volcanological Studies Scientific Committee (Royal Society)	1965-68	30
<b><u>Atlas of the International Indian Ocean Expedition</u></b>		<b>3</b>
Audit Review of marine overtime and allowances and 2 reports (1.10.0)	1979	59
Autonomous Test Vehicle (OE13) Drawings –reports – papers – correspondence	1985-1987	113
Australia (6.8)	1974-84	102
Bath University (4.7)	1973-84	90
BAS (NERC Institutions- correspondence) (2.6.5)	No date	65
Belgium (6.19)	1983	102
BGS/IOS Liaison (2.8.8) (other NERC Committees)	1985	74
BIO and Dalhousie University (6.6.1)	1979-80	102
BIO (6.6.1)	1965-78	102
BNC Antarctic Research (5.1.1) (Royal Society Committees)	1978-81	91
BNC Antarctic Research (5.1.1) (Royal Society Committees)	1982-85	91
BNC Geodesy and Geophysics (5.1.5) (Royal Society Committees)	1973-79	93
BNC Geodesy and Geophysics (5.1.5) (Royal Society Committees)	1980-84	93
BNC Geodesy and Geophysics (5.1.5) (Royal Society Committees)	1983-84	93
BNC Geodynamics (5.1.4) (Royal Society Committees)	1972-73	92
BNC Geodynamics (5.1.4) (Royal Society Committees)	1974-80	92
BNC Geology (5.1.2) (Royal Society Committees)	1978-80	91

BNC Geology (5.1.2) (Royal Society Committees)	1980-86	91
BNC Global Atmospheric Research Programme (5.1.8)		
(Royal Society Committees)	1971-77	96
BNC Global Atmospheric Research Programme (5.1.8)		
(Royal Society Committees)	1979	96
BNC International Geological Correlation Project (5.1.3)		
(Royal Society Committees)	1973-77	92
BNC International Geological Correlation Project (5.1.3)		
(Royal Society Committees)	1976-81	92
BNC Ocean Engineering (5.1.7) (Royal Society Committees)	1974	96
BNC Oceanic Research (5.1.6) (Royal Society Committees)	1974-75	94
BNC Oceanic Research (5.1.6) (Royal Society Committees)	1976-79	94
BNC Oceanic Research (5.1.6) (Royal Society Committees)	1980-85	94
BNC Oceanic Research – Scientific Liaison Sub-committee (5.1.6.1)		
(Royal Society Committees)	1986-87	95
BNC World Climate Research Programme (5.1.10)		
(Royal Society Committees)	1980-86	96
BNC Lithosphere Programme (5.1.11) (Royal Society Committees)	1980-84	96
Brazil (6.21)	1984	102
Bristol University (4.8)	1957-1960; 1964-78	90
British Museum (Natural History) (3.9)	1967-1982	86
Cambridge University (4.3) (UK Universities)	1968-73	90
Cambridge University (Correspondence)	1955-66; 1966-67; 1968-73	9
Cambridge University Research student days (A. Laughton) – SEE: Notes files etc		
Canada (6.6)	1971-85	102
CCMST – Correspondence	1986-89	8
CCMST - Correspondence (Meeting papers discarded)	1990-91	8
China (6.23)	1985	102
CIRIA/ICE Study-Civil Engineering (5.5.1)	1979-80	97
CNERO France, SEE: France CNERO		
Coastal Engineering Research (3.1.1.2) (SERC)	1980-86	75
Code of practice for maritime structures (2.5.4)	No date	67
COGER (Other NERC Committees) (2.8.3)	1078-82	71
<b><u>Commissioned Research (1.7)</u></b>		<b>54</b>
Commissioned Research (1.7.2)	1979-81	54
Committee for the Geological Map of the World	1977-81	20
<b><u>Conferences and Meetings</u></b>		<b>4</b>
Conferences and Meetings	1959-69	4
<b><u>Conferences and Meetings (Continued)</u></b>		<b>5, 6, &amp; 7</b>
<b><u>Conferences and Meetings</u></b>	<b>1974-85</b>	<b>5, 6, &amp; 7</b>
Continental Margins (3.4.3) ( Dept Energy)	1981-83	82
<b><u>Coordinating Committee for Marine Science and Technology</u></b>		<b>8</b>
Correspondence – see under subject		
<b><u>Correspondence</u></b>		<b>9</b>
(Cambridge University)		
(Hydrographic Office)		
(Royal Society)		
(Oil companies)		
(Geophysical Companies)		
(NERC)		
COST (6.2.2)	1979-1980	98
Council of Europe (6.2.1)	1983-86	98
C.S. Recorder (Survey of Luzon Strait (For Cable and Wireless))		
Jan-Feb 1964	1964	32
Cumulative Review of Scientific NERC Research Vessels (2.2.1a)	No date	64
Currents and Waves (3.4.3) (Dept Energy)	1979	82
Currents and Waves (3.4.3) (Dept Energy)	1979-80	82

Dalhousie University and BIO, SEE: BIO and Dalhousie University		
Danbuoy mooring trials	1968-70	25
Data Processing Group (1.3.4)	No date	45
<b><u>Day Files</u></b> (due to be filed in Directors system (A. Laughton Note))	Jan-May 1986	<b>10</b>
	Jun-Dec 1986	
	Jan-May 1987	
	Jun-Dec 1987	
	Jan-Apr 1988 (ASL Retired)	
Deep-Sea Mining Legislation (3.3.4) (DTI)	No date	81
<b><u>Deep Sea Drilling Project (DSDP)</u></b>		<b>11</b>
Defence Mapping Agency (6.3.3) (USA Institutions)	1972-81	100
Department of the Environment SEE also: DOE		
<b><u>Department of Energy (3.4)</u></b>		<b>82</b>
<b><u>Department of the Environment (3.2)</u></b>		<b>76</b>
<b><u>Department of the Environment (3.2) (Continued)</u></b>		<b>77</b>
<b><u>Department of the Environment (3.2) (Continued)</u></b>		<b>78</b>
<b><u>Department of the Environment (3.2) (Continued)</u></b>		<b>78</b>
Department of the Environment – general correspondence SEE: General correspondence – Department of the Environment (3.2)		
Department of Trade (3.14) (FCO Law of the Sea)	1982	88
<b><u>Department of Trade and Industry (3.3)</u></b>		<b>80</b>
<b><u>Department of Trade and Industry (3.3) (Continued)</u></b>		<b>81</b>
Design and development of NIO deep sea camera, and towed camera.	1955-1965-1975	39
Digital readout for Precision Echosounder	1971-72	25
<b><u>Directors Correspondence Log</u></b>		<b>12</b>
Directors Correspondence - log	Jan 1975 -Mar 1977	12
Directors Correspondence - log	Mar 1977-Nov 1979	12
Directors Correspondence - log	Nov 1979-Mar 1981	12
Directors Correspondence - log	Sep 1985-Nov 1986	12
Directors Correspondence – log	Nov 1986-Dec 1987	12
Directors Correspondence - log	Jan 1988- Oct 1988	12
<b><u>Directors Letter Files</u></b>		<b>13</b>
Directors Letter Files	Jan 1977-Dec 1979	13
<b><u>Directors Letter Files (continued)</u></b>		<b>14</b>
Directors Letter Files	Jan 1980-Jun 1981	14
<b><u>Directors Letter Files (Continued)</u></b>		<b>15</b>
Directors Letter files	Jul 1981- Oct 1982	15
<b><u>Directors Letter Files (continued)</u></b>		<b>16</b>
Directors Letter files	Oct 1982 -Dec1982	16
	Jan 1983-Dec 1983	
	("missing" AL's own note)	
<b><u>Directors Letter Files (Continued)</u></b>		<b>17</b>
Directors Letter files	Jan 1984- Jan 1985	17
<b><u>Directors Letter Files (Continued)</u></b>		<b>18</b>
Directors Letter files	Feb 1985-Dec1985	18
Discussion and meetings on Radioactive Waste Disposal	1976-79	40
<b><u>"Discovery" Cruise Planning (1.10.3)</u></b>		<b>60</b>
"Discovery" Cruise Planning	To 1980/81	60
"Discovery" Cruise Planning	To 1982/83	60
"Discovery" Cruise Planning	To 1983/84	60
"Discovery" Cruise Planning	To 1985/86(I)	60
"Discovery" Cruise Planning	To 1985/86(II)	60
"Discovery" Cruise Planning	To 1987/88	60
"Discovery" Cruise Planning	To 1988/89	60
"Discovery" Cruise Planning	To 1989/90	60
"Discovery" Cruise Programmes (1.10.4)	No date	61
"Discovery" general and refits (1.10.2)	No date	59
"Discovery" modifications (1.10.12)	1972-82	62
"Discovery" Refit Committee	1974-76	37
"Discovery" – ship and equipment (1.10.7)	1959-83	61
Discussions on a new study for Marine Science and Technology (5.1.62) (Royal Society Committees)	1985-88	95

Diving in IOS (1.8.4)	No date	55
DOE <b>SEE also:</b> Department of the Environment		
DOE Group on Environmental Effects of deep ocean mining (3.2.7)	1981-82	77
DOE Paper on radioactive waste management (3.2.1)	1978-79	76
DOE Radioactive Waste Management Contact Group (Ocean Discipline)		
(3.2.4)	1971-81	78
DOE Radioactive Waste Management Contact Group (Ocean Discipline)		
(3.2.4)	1981-1982	78
DOE Radioactive Waste Management Contact Group (Ocean Discipline)		
(3.2.4)	1983	78
DOE Radioactive Waste Technical Liaison Committee (5.2.6.2 I)	to July 1979	110
DOE Radioactive Waste Technical Liaison Committee (5.2.6.2 II)	1979(Aug)-1980	110
DOE Sea Disposal Research Waste Products (3.2.1)	1973	76
DOE Trial N/L on radioactive waste management (3.2.1)	1978-79	76
DOP Committee (FCO Law of the Sea) (3.10)	1984-85	87
DSDP Leg 1970-	1970-	11
DSDP Leg 12 Pre-Cruise	1970	11
DSDP Leg 12 Post Cruise	1970-71	11
DSDP Leg 12 Post Cruise	1971-73	11
DTI – Correspondence (3.4)	1979	82
DTI - Correspondence (3.4)	1981-85	82
DTI Eureka (3.3.22a)	1985-86	81
DTI Seminars (3.3.2g)	1985	81
Durham University (4.11)	1966-85	90
ECU (NERC Institutions – correspondence) (2.6.4)	No date	68
EEC (6.2)	1980-86	98
EEC Radiological Work Projects (6.2.3)	1080-1981	99
Egypt (6.17)	1982	102
<b><u>Engineering and Ship Services (IOS)</u></b>		113
Enquiry on Geographic Information (Chorley Commission) (3.2.3)	1985	77
ESA (7.7) (Non UK-Committees)	1978	105
Estuarine Processes Planning Group (2.8.16) (Other NERC Committees)	1980	74
Evidence to House of Lords Select Committee on Marine Science and Technology (3.21)	1985-86	89
Explosives incident on “Discovery” Cruise 107 (2.5.5.1)	No date	67
<b><u>FCO Law of the Sea (Confidential) (3.10)</u></b>		<b>87</b>
<b><u>FCO Law of the Sea (Confidential) (3.10) (Continued)</u></b>		<b>88</b>
FCO Law of the Sea (Confidential) I (3.10)	1973-79	88
FCO Law of the Sea (Confidential) II February – December 1979 (3.10)	1979	88
FCO Law of the Sea (Confidential) III January – December 1980 (3.10)	1980	88
FCO Law of the Sea (Confidential) IV (3.10)	1981-1987	88
(FCO of separate boxes (3.10))		88
FGGE (7.4)	1978	104
(Four Inch) 4” multiplot profiler recorder for PES	1965	25
France CNERO (6.7)	1960-83	102
France CNERO (6.7)	1968-82	102
France (General) (6.7.1)	1960-83	102
<b><u>GEBCO – Guiding Committee for the GEneral Bathymetric Chart of the Oceans (GEBCO)</u></b>		<b>111</b>
GEBCO - Guiding Committee 2, Monaco – 28-30 April 1975	1975	111
GEBCO - Guiding Committee, Ottawa – April 1976	1976	111
GEBCO - Guiding Committee, Ottawa – 21-23 May 1976	1976	111
GEBCO - Guiding Committee, Paris - May 1977,GEBCO	1977	111
5 <sup>th</sup> Session of the Joint IOC/IHO Guiding Committee for GEBCO, Ottawa 24-26 April 1978	1978	111

Geophysical Companies (Correspondence)	1972	9
General Committee (1.3.1) (IOS Groups Bidston)	No date	45
<b><u>General Correspondence</u></b>		<b>19</b>
General correspondence	1955-59; 1960-64; 1965-66	19
General correspondence	1967; 1968-72; 1973-78	19
General Correspondence – Instrumental enquiries	1960-74	19
General Correspondence (3.2) (Department of the Environment)	1980-86	77
General Correspondence (IOS Groups Taunton) (1.4.1)	No date	46
General Correspondence ( “ “ “ (1.4.1. I)	No date	46
General Correspondence ( “ “ “ (1.4.1. II)	No date	46
Geological Society (5.3)	1981-86	97
“Geology and Geophysics” (1) (Atlas of the IIOE)	1967-72	3
“Geology and Geophysics” (2) (Atlas of the IIOE)	1973-75	3
GILL – Adrian Gill (IOS Staff Matters) (1.5.8b)	No date	47
Grants (9.2)	No date	106
Grants Board E (Royal Society Committee)	1973-77	30
HMS “Owen” (International Indian Ocean Expedition) – Correspondence	No date	21
HMS “Vidal” – Operation NAVADO	1963-64	25
Holland (6.9)	1970-71	102
[Robert] Hooke Institute SEE: Oxford University		
House of Lords Environment Committee on Radioactive Waste (3.23)	No dates	89
House of Lords Select Committee on European Community Environment (3.22)	1986	89
House of Lords Select Committee on Remote Sensing and Digital Mapping (3.24)	No dates	89
Hydrographic Office (Correspondence)	1957-65	9
IAEA (6.1.2)	1981	98
IAPSO Commission for Marine Geophysics	1968-72	20
Iceland (6.15)	1976- (No date)	102
Iceland – Jan Mayen Report (FCO Law of the Sea) (3.10)	1981	87
ICES (7.3)	1973-80	104
ICSU (Scientific aspects of non-UK work) (7.5)	1978	104
IGS/BGS (I & II) (NERC Institutions – correspondence (2.6.3)	No date	68
IH (NERC Institutions – correspondence) (2.6.9)	No date	68
IMER (NERC Institutions – correspondence (2.6.2)	No date	68
Indian Ocean and Atlantic Bathymetric Charts	No date	29
<b><u>Institute of Oceanographic Sciences Estimates SEE: National Institute of Oceanography/Institute of Oceanographic Sciences Estimates</u></b>		
Instrumental enquiries (Correspondence)	1960-74	19
Instrumentation for principal science on “Discovery” (1.10.14)	No date	62
Interdepartmental Meeting on Modern Technology (3.3.2) (DTI)	1986	81
International Cartographic Association – Working Group on Oceanic Cartography	1973	20
<b><u>International Committees etc</u></b>		<b>20</b>
International Geographical Union (7.1)	1986	104
International Geological Congress – Sub-Committee on Tectonic Maps Of the World	1962-72	20
<b><u>International Indian Ocean Expedition</u></b>		<b>21</b>
International Indian Ocean Expedition – Preprints and Programmes	1959-64	21
International Indian Ocean Expedition – Correspondence	1960-64	21
International Indian Ocean Expedition – Chair of Indian Ocean	1961	21
International Indian Ocean Expedition – Summary of International Participants	4 April 1962	21
International Indian Ocean Expedition – Reports from HMS “Owen”	1961-62	21
International Indian Ocean Expedition – Reports from HMS “Owen”	1962-63	21
International Indian Ocean Expedition – Correspondence HMS “Owen”	No date	21
IOC Executive Council (7.1.1)	1977	103
IOC General Correspondence (7.1.1)	1977-78	103
IOC General Correspondence (7.1.1)	1978-81	103



IOS Met Ocean Club (5.5.1)	1985	97
IOS MIAS (Marine Information and Advisory Service)	1978-1980	108
IOS Physical Marine Sciences (NERC Visiting Groups) (2.7.8)	1976-78	70
<b><u>IOS Programmes and Projects (1.8)</u></b>		<b>55</b>
<b><u>IOS Programmes and Projects (1.8) (continued)</u></b>		<b>56</b>
<b><u>IOS Programmes and Projects (1.8) (continued)</u></b>		<b>57</b>
IOS Radioactive Work Programmes (1.7.4)	from 1976	54
IOS Radioactive Work Programmes (1.7.4a)	from 1976	54
IOS Radioactive Work Programmes (1.7.4b)	from 1976	54
IOS Radioactive Work Programmes (1.7.4c)	from 1976	54
IOS Sedimentation (NERC Visiting Groups) (2.7.1)	1976-77	69
<b><u>IOS Ship and Cruise Planning (1.10)</u></b>		<b>59</b>
<b><u>IOS Ship and Cruise Planning (1.10) (continued)</u></b>		<b>61</b>
<b><u>IOS Ship and Cruise Planning (1.10) (continued)</u></b>		<b>62</b>
<b><u>IOS Staff Matters (1.5)</u></b>		<b>47</b>
IOS Staff Matters (No numbers/files for 1.5, 4-7 recorded*) *NOL note (1.5.3)	No date	47
IOS Sub-committee for a review of Scientific use of research vessels (1.10.13)	No date	62
IOS Taunton Management Committee (1.4.2) (2 Files)	No date	46
IOS-UK Oceans Industry (5.5)	1984	97
IOS Wormley, Bidston & Taunton (NERC Visiting Groups) (2.7.4)	1976-77	69
IPCS (Stripe?) (IOS Staff Matters) (1.5.8.1)	No date	47
IRCCOPR (Other NERC committees) (2.8.4)	1979	71
Israel (6.16)	1981	102
IUGG Upper Mantle Committee. Working Group on submarine geology	1966-69	20
IUGS Commission for Marine Geology	1969-76	20
IUGS Commission for Marine Geology (Meeting 1974)	1966-69	20
IUGS Mono Geology Geophysics Data Inventory	1969-72	20
IV (NERC Institutions – correspondence) (2.6.8)	No date	68
Jan Mayen Report SEE: Iceland – Jan <b>Mayen</b> Report		
Japan (6.12)	1972-86	102
<b><u>JOIDES/DSDP</u></b>		<b>22</b>
JOIDES/DSDP – UK participation	1969-70	22
JOIDES/DSDP – DSDP	1971-72	22
JOIDES/DSDP – IPOD	1972-74	22
JOIDES/DSDP – Press cuttings	1970	22
JOIDES Atlantic Advisory Panel	1973-74	22
JOIDES Atlantic Advisory Panel	1975	22
<b><u>JOIDES Planning Committee</u></b>		<b>23</b>
JOIDES Planning Committee	1974-75	24
<b><u>JOIDES Planning Committee (Continued)</u></b>		<b>24</b>
JOIDES Planning Committee	1976	24
Joint IOS/NSS/RVS Meetings (1.10.1)	No date	59
Joint Remote Sensing Science Committee (2.8.17) (Other NERC Committees)	1984-85	74
Lamont Geological Observatory (Correspondence)	1960-66	1
Lamont Geological Observatory (6.4.2)	1967-86	101
Laughton, Anthony – Lectures and talks SEE: Lectures and Talks		
Laughton, Anthony – Notes files etc from Research Studentship days at Cambridge and USA - SEE: Notes, files...		
Laughton, Anthony – Working papers etc for PhD dissertation SEE: Working papers etc...		
Laughton, Anthony – Working papers for publications. SEE: Working...		
Lectures and Talks (A.Laughton) (Correspondence)	1964-79	1
Leeds University (4.10)	1970-83	90
LEES – Martyn Lees (IOS Staff Matters) (1.5aI & II)	No date	47
Letters from Director IOS etc (2.4.2) (NERC Administration I)	1978-81	66

Letters from Director IOS etc (2.4.2) (NERC Administration II)	1980-82	66
Letters from Director IOS etc (2.4.2) (NERC Administration III)	1982-84	66
Letters from Director IOS etc (2.4.2) (NERC Administration IV)	Missing (AL's note)	66
Letters from Director IOS etc (2.4.2) (NERC Administration V)	1985-87	66
Liverpool University (4.14)	1981-85	90
London University see: University of London		
Loose papers on experimental cartography (N10/ECU collaboration on Digital bathymetric charts)	No date	27
McAlpine Report on Radioactive Waste Disposal (3.2.1) (Department of the Environment)	1979	76
<b><u>MAFF (3.7)</u></b>		<b>85</b>
MAFF Flood Protection Research Committee (3.7.2)	1974-78	85
MAFF Flood Protection Research Committee (3.7.2)	1981-85	85
MAFF Flood Protection Research Committee (3.7.2)	1985	85
MAFF RW Programme (3.7.1)	1978-82	85
MAFF Standing Group (RW) (3.7.3)	1981-85	85
Marine Geology Group (1.2.4)	No date	44
Marine Geophysical Universities (NERC Visiting Groups) (2.7.10)	1979-80	70
Marine Geophysics Group (1.2.3)	No date	44
Marine Society (5.9)	1980	97
Marine Water Physical Committee (3.2.5) (Department of the Environment)	1978-80	77
Marine Physics Group (1.2.1)	No date	44
Marine Technology (3.1.1) (SERC)	1978-80	76
Marine Technology Directorate (3.1.2) (SERC)	No date	76
Mason Review of Commissioned Research (3.18) (FCO of Separate Boxes)	1983	88
Massachusetts Institute of Technology SEE: MIT		
MBA (NERC Institutions – correspondence (2.6.6))	No date	68
Meetings in Geophysics (2.8.15) (Other NERC Committees)	1983	74
Met Ocean Club (1.8.10) SEE: IOS Met Ocean Club		
Meteorological Office (3.8)	1981-85	86
Miami University (6.5.2)	1985	101
Miscellaneous (9.) (sub-heading of Symposia, Lectures, Publications (8.) Box 105)		106
Miscellaneous (9) – General (9.1)	No date	106
Miscellaneous (9) – Grants (9.2)	No date	106
<b><u>Miscellaneous Projects 1963-75</u></b>		<b>25</b>
Miscellaneous Staff affairs (IOS)	No date	47
MIT (6.4.3)	1969-82	101
MSES (NERC Visiting Groups) SEE: RVS & MSES (NERC Visiting Groups)		
National Academy of Science (6.3.1a) (USA Institutions)	1977	100
<b><u>National Institute of Oceanography/ Institute of Oceanographic Sciences. Estimates</u></b>		<b>26</b>
National Institute of Oceanography/ Institute of Oceanographic Sciences. Estimates	1965-69 to 1977-78	26
National Radiological Laboratory (USA) SEE: NRL		
NATO Scientific Committees (7.6)	1976-80	104
NATO Scientific Committees (7.6)	1981-82	104
NEA Seabed Working Group (7.11)	1979	105
NEA Seabed Working Group (7.11)	1980	105
NEA Seabed Working Group (7.11)	1981-83	105
NEA Seabed Working Group (7.11)	1981	105
NEA Seabed Working Group (7.11)	1982-83	105
NERC Ad-Hoc Panel-Policy for Geological Science	1973-75	41
<b><u>NERC Administration (2.4)</u></b>		<b>66</b>
NERC Central Advisory Committee (2.8.11)	1980-81	74
NERC Code of Practices (NERC – safety) (2.5.2)	No date	67
<b><u>NERC Committees (Other) SEE: Other NERC Committees (2.8)</u></b>		

NERC Computing facilities (NERC Visiting Groups) (2.7.2)	1977-78	69
NERC Computing and Scientific Services (NERC Service Groups I)		
	(2.3.2) 1978-81	65
NERC (Correspondence)	1966-78	9
<b><u>NERC Directors Meetings (2.1.1)</u></b>		<b>63</b>
NERC Directors meetings I	1971-1977	63
NERC Directors meetings II	"Missing" (AL's note)	63
NERC Directors meetings III	1980-1983	63
NERC/ Fisheries Departments (MAFF) – liason meetings (Other NERC Groups) (2.8.2)	1984	71
<b><u>NERC Institutions – correspondence (2.6.1)</u></b>		<b>68</b>
NERC - Internal Audit (6 Copies)	No date	112
NERC John Murray Committee (RVC)	1966-72	37
NERC Marketing seminar (1.7.5)	1974	54
NERC –Natural Environment Research Council		<b>112</b>
NERC - "Operation Navado", "Operation Vidal" & "Operation Darymple" - North Atlantic Survey	No date	112
NERC – Preparatory Group A (Earth Sciences), 36 <sup>th</sup> Meeting, 5 February 1980 ( 2.1a)	1980	108
NERC - Preparatory Group C – Correspondence, 1976-1980 (2.1b )	1976-80	108
NERC - Preparatory Group D - Correspondence, 1976-1979 (2.1c )	1976- 79	108
NERC – Report of the audit review of marine overtime and allowances April 1976-March 1979	1976-1979	112
<b><u>NERC Research Vessels (2.2)</u></b>		<b>64</b>
NERC Research Vessels Committee. WG on RV Policy	1969	37
NERC Research Vessels programming	1974	37
NERC Research Vessels programming Distant Waters	1974	37
NERC Research Vessel Services (NERC Service Groups) (2.3.5)	No date	65
NERC/RCA Cartographic Committee	1967-69	27
NERC/RCA Cartographic Committee	1970-72	27
<b><u>NERC – Safety (2.4/2/5)</u></b>		<b>67</b>
NERC Scientific Services (NERC Service Groups II) (2.3.2)	1981-85	65
<b><u>NERC Service Groups (2.3)</u></b>		<b>65</b>
<b><u>NERC Visiting Groups (2.7)</u></b>		<b>69</b>
<b><u>NERC Visiting Groups (2.7) (continued)</u></b>		<b>70</b>
NERC WG on new ships	1968-70	37
NERC Working Party on Marine Acoustics	1972-74	41
NERC Working Party of( Mon?) Geological and Geophysics Data (Other NERC Committees) (2.8.6)	1978	71
Netherlands SEE: Holland		
Newcastle University (4.12)	1967-86	90
NOAA (WDCA) (6.3.9) (USA Institutions)	1973	100
<b><u>Non-UK Committees (7)</u></b>		<b>103</b>
<b><u>Non-UK Committees (7) (Continued)</u></b>		<b>104</b>
<b><u>Non-UK Committees (7) (Continued)</u></b>		<b>105</b>
<b><u>Non-UK Organisations (6.0)</u></b>		<b>98</b>
<b><u>Non-UK Organisations (6.0) (Continued)</u></b>		<b>99</b>
<b><u>Non-UK Organisations (Continued from 6.0 Box 99)</u></b>		<b>103</b>
Notes, files etc. from Research Student days at Cambridge (University) and USA (A. Laughton)	1951-55	42
NORDA (6.3.6) (USA Institutions)	1976-84	100
NRL [National Radiological Laboratory] (6.3.9) (USA Institutions)	1966-71	100
NRPB (3.12) (FCO Law of the Sea)	1982	88
N10 New Ship	1963	25
<b><u>N10/ECU Collaboration on Digital Bathymetric Charts</u></b>		<b>27</b>
N10/ECU collaboration on digital Bathymetric Charts		29
N10 II Project. Charts NW Indian Ocean	1967-72	29
N10 III Project. Charts of Gulf of Aden	1968-70	29
N10 IV Project – <b>SEE: Box 39</b>		
N10 V Project – Data bank storage of Bathymetric Charts	1969-72	29
Distribution of bathymetric charts	1970-79	29
NIO/IOS Executive Committee	1968-75	2

NIO/IOS Internal Memos	1974-78	2
N10 IV Project (with ECU) NE Atlantic Charts specification		
N10 IV Project (with ECU) Correspondence	1969-72	28
N10 IV Project (with ECU) Correspondence	1973-77	28
N10 IV Project (with ECU) Correspondence (105A)	1975-78	28
N10 IV Project (with ECU) Sheet 3 Compilation analysis	No date	28
N10 IV Project (with ECU) Sheet 5 Correspondence	1980-83	28
N10 IV Project (with ECU) GEBCO Sheets 5.04, 5.05, 5.08	1974-82	28
N10 Ship Committee	1966-68	37
<b><u>Ocean Bathymetric Studies</u></b>		<b>28</b>
<b><u>Ocean Bathymetric Studies (Continued)</u></b>		<b>29</b>
Ocean Modelling Group (1.8.8) (IOS Programmes & Projects)	No date	57
Ocean (Conference) Modelling Advisory Committee (1.8.8.1) (IOS Programmes & Projects)	No date	57
ODA (3.11) (FCO Law of the Sea)	1978-80	88
Office of Naval Research (6.3.4) (USA Institutions)	1968-79	100
Office of Naval Research (6.3.4) (USA Institutions)	1979-84	100
Oil Companies (Correspondence)	1966-76	9
Open Days (IOS Administration) (1.9.5)	No date	58
Operation NAVADO (HMS "Vidal")	1963-64	25
Ordnance Survey (3.15) (FCO)	1979-1982	87
Oregon State University (6.5)	1975-80	101
<b><u>Other Committees, Meetings Etc.</u></b>		<b>89</b>
<b><u>Other Countries, Meetings Etc</u></b>		<b>86</b>
Other cruises (with IOS participation) (1.10.8) (IOS Ship and cruise Planning)	No date	61
<b><u>Other NERC Committees ( 2.8)</u></b>		<b>71</b>
<b><u>Other NERC Committees (2.8) (Continued)</u></b>		<b>72</b>
<b><u>Other NERC Committees (2.9) (Continued)</u></b>		<b>73</b>
<b><u>Other NERC Committees (2.10) (Continued)</u></b>		<b>74</b>
Other Research Ships. (1.10.9) (IOS Ship and Cruise Planning)	No date	61
Oxford University (Robert Hooke Institute) (4.16)	1984-86	90
Papers ve signature (FCO Law of the Sea) (3.10)	1983-84	87
Parliamentary Monitoring Group (5.1.6) (Royal Society Committees)	1985	97
Paul Investment fund (Royal Society Committee)	1963-69	30
Permanent Service for Mean Sea Level (1.8.6) (IOS Programmes & Projects)	No date	57
PhD Dissertation working papers... [A. Laughton] SEE: Working papers...		
Photographic current meter	No date	39
Planning for Science in the 70s (1.8.11) (IOS Programmes & Projects)	No date	57
Programme Reviews (1.8.1) (IOS Programmes & Projects)	1977-1981	55
Proposal for automatic plotting of oceanic soundings	1961	29
Publications etc. (A. Laughton) (8.4)	1980-85	106
Publications etc. (A. Laughton) (8.4)	1985-86	106
Publicity and exhibitions (8.5)	1978-86	106
Publishers and Publications (Correspondence) [A .Laughton]	1960-66	1
Publishers and Publications (Correspondence) [A. Laughton]	1972-79	1
Quarterly list of Publications by Staff (1.8.3) (IOS Programmes & Projects)	1979-82	55
Radar Transponders	1968-70	25
Radioactive Waste Management Advisory Committee (3.2.1 (Department of the Environment)	1978-79	76
Radioactive Waste Disposal sewer report and design (3.2.1) (Department of the Environment)	1978-79	76

Radioactive Waste Technical Liason Committee (RW TLC) (3.2.6)	1980-83	79
Rayner Report (NERC) (recommendations for efficiency savings) – memoranda reports – comments.	1982-1983	113
Rayner Sorting of Research Councils (3.17) (FCO of Separate Boxes)	1983	88
References for new IOS Personnel (Confidential)	1965-71	2
Remote Sensing at IOS (1.8.5)	No date	56
Remote Sensing at IOS – I Remote Sensing (1.8.5)	No date	56
Remote Sensing at IOS – II Remote Sensing (1.8.5)	No date	56
Remote Sensing at IOS – III Remote Sensing (1.8.5)	No date	56
Remote Sensing at IOS – IV Remote Sensing (1.8.5)	No date	56
Remote Sensing Facilities Committee (2.8.12) (Other NERC Committees)	1981-83	74
Remote Sensing Strategy Committee (2.8.9) (Other NERC Committees)	1983, 1985-86	74
Remote Sensing Users Committee (2.8.10) (Other NERC Committees)	1980-83	74
Requests to see RRS “Discovery” (1.10.6)	No date	61
Review of Radioactive Waste Disposal at Sea – Holliday Committee (3.20)	No date	89
Reviews of Commissioned Research (1.7.1)	1978-1987	54
Research Vessels Committee and Advisory Panel	1972	37
Research Vessels – General (2.2.2a)	No date	64
Research Vessels Plans and design GP (2.2.3) (All items discarded (AL Note))	No date	64
Research Vessels Policy Committee (2.2.1)	No date	64
Research Vessels – Report Structure (2.2.2e)	No date	64
Rolling summary (1.8.0) (IOS Programmes and Projects)	1977-1985	54
Royal Commission on Environmental Pollution (3.25)	1974-77	89
Royal Commission on Environmental Pollution (3.25)	1976	89
Royal Commission on Environmental Pollution (3.25)	1977	89
Royal Geographical Society (5.2)	1976-86	97
Royal Society (Correspondence)	1960,1961,1964, 1966-67	9
Royal Society Evidence to House of Lords Select Committee on Marine Science and Technology (3.21)	1985	89
Royal Society. Guide to UNLOSC (Prepared under BNCOR) (5.1.12)	1981-83	96
<b><u>Royal Society Committees</u></b>		<b>30</b>
<b><u>Royal Society Committees (5.1)</u></b>		<b>92</b>
<b><u>Royal Society Committees (5.1) (continued)</u></b>		<b>93</b>
<b><u>Royal Society Committees (5.1) (continued)</u></b>		<b>94</b>
<b><u>Royal Society Committees (5.1) (continued)</u></b>		<b>95</b>
<b><u>Royal Society Committees (5.1) (continued)</u></b>		<b>96</b>
<b><u>Royal Society Committees (5.1) (continued)</u></b>		<b>97</b>
Royal Society Correspondence (5.1)	1974-86	91
Royal Society Council	1986-88	30
[Royal Society Committees] Related papers, brochures etc. (5.1.6.2)	No date	95
Rutherford Appleton Laboratory (3.1.II)	1980-85	75
RVS & MSES (NERC Visiting Groups) (2.7.3)	1977	69
Safety at sea (NERC – safety) (2.5.3)	No date	67
Satellite photography	1963-66	25
<b><u>Scientific Committee for Ocean Research (SCOR)</u></b>		<b>31</b>
Scientific Expedition Analysis (1.6.4) (IOS Finances I )	1977/78	53
Scientific Expedition Analysis (1.6.4) (IOS Finances II )	1978/79	53
Scientific Expedition Analysis (1.6.4) (IOS Finances III )	1979/80	53
Scientific Expedition Analysis (1.6.4) (IOS Finances IV )	1980/81	53
Scientific Expedition Analysis (1.6.4) (IOS Finances V )	1981/82	53
Scientific Expedition Analysis (1.6.4) (IOS Finances VI )	1982/83	53
SCOR (7.2)	1978-80	106
SCOR WG 31 “Eastern Atlantic Continental Margin”	1969-71	31
SCOR WG 41 “Morphological mapping of the ocean floor”	1972-74	31
SCOR Executive	May 1971	31
(Second) 2 <sup>nd</sup> Minutes of Evidence to House of Lords Select Committee on Marine Science & Technology (3.21)	1985-86	88

Sedimentation Group (1.4.3) (IOS Groups Taunton)	No date	46
<b><u>SERC (3.1.II)</u></b>		<b>75</b>
Seven Tidal Barrage (3.4.1) (Dept Energy)	1978	82
Seven Tidal Barrage (3.4.1) (Dept Energy)	1979	82
Ship – “N10” <b>see: N10</b>		
Shipbound data logger	1961	25
SMBA (NERC Institutions – correspondence) (2.6.7)	No date	68
SMBA (NERC Visiting Groups) (2.7.6)	1977	70
SMBA New Ship specification by Y.A.R.D	1967-68	38
SMTRB (3.3.2a) (DTI)	1980	81
South Africa (6.14)	1964-83	102
Spain (6.10)	1973-77	102
Sri Lanka (6.22)	1984	102
Standard Seawater Service (1.8.7) (IOS Programmes & Projects)	No date	57
Staff Lists (IOS) (1.5.1)	No date	47
Subject Area Group (46) Radioactive Waste (3.2.1) (Department of The Environment)	1980	76
Surrey University (4.14)	1968-79	76
<b><u>Survey of Luzon Strait (for Cable and Wireless)</u></b>		<b>32</b>
Symposia, Conferences, Meetings (8.3)	1978-86	106
<b><u>Symposia, Lectures, Publications etc.</u></b>		<b>106</b>
Tides and Surges Group (IOS Bidston) (1.3.2)	No date	45
UEA {University of East Anglia} (4.6)	1968-83	90
UCNW {University College of North Wales} Menai Bridge (4.2)	1965-86	90
UK Coordinating Committees- IPOD & ODP (Other NERC Committees) (2.8.6)	1980-83; 1986	71
<b><u>UK Universities (4.1)</u></b>		<b>90</b>
<b><u>UKAEA (3.5)</u></b>		<b>83</b>
UKAEA Fuel Processing Committee RWM S/C (3.5.7) (to 3.5.11)	1980-81	83
<b><u>UK IPOD (Box 109)</u></b>		<b>109</b>
UK IPOD Coordinating Committee (2.8.6.I)	1978	109
UK IPOD Coordinating Committee /Panel (2.8.6.)	1979-80	109
UK UNESCO Committee (5.4)	1982-85	97
UNCLOS 9 <sup>th</sup> Session (FCO Law of the Sea) (3.10)	1980	87
UNCLOS 10 <sup>th</sup> Session (FCO Law of the Sea) (3.10)	1981	87
UNCLOS 11 <sup>th</sup> Session (FCO Law of the Sea) (3.10)	1982	87
<b><u>Underwater Photography</u></b>		<b>114</b>
<b><u>Underwater Photography</u></b>		<b>115</b>
<b><u>Underwater Photography</u></b>		<b>116</b>
UNDP (6.1)	1978-81	98
University College of North Wales SEE: <b>UNCNW</b>		
University of London: Special Advance Board on Geophysics	1966-77	30
University of Rhode Island (6.5.1)	1967-68	101
<b><u>Untitled</u></b> – (contents: items on NERC Research Vessels etc)		<b>37</b>
<b><u>Untitled</u></b> – (contents: SMBA new ship specification by YARD)		<b>38</b>
<b><u>Untitled</u></b> – (contents: design & development of NIO deep sea camera and towed camera, photographic_current meter)		<b>39</b>
<b><u>Untitled</u></b> - (contents: Discussions & meetings on Radioactive waste disposal)		<b>40</b>
<b><u>Untitled</u></b> – (contents: NERC Working party on marine acoustics) NERC Ad-hoc panel-policy for Geological Science)		<b>41</b>
<b><u>Untitled</u></b> – (contents: Notes, files etc for Research Studentship days at Cambridge, Working papers etc for PhD dissertation A. Laughton)		<b>42</b>
Untitled (In file 1.1.1. IOS Committees)	No date	43

Untitled (In file 1.1.2. IOS Committees)	No date	43
Untitled (In file 1.1.4. IOS Committees)	No date	43
Untitled (In file 1.1.6) IOS Committees)	No date	43
Untitled (in file 1.2.2 IOS Groups (Wormley))	No date	44
Untitled (In file 1.3.3 IOS Groups (Bidston)	No date	44
<b><u>USA Institutions (6.3)</u></b>		<b>100</b>
<b><u>USA Institutions (6.4) (Continued)</u></b>		<b>101</b>
<b><u>USA Universities (6.4)</u></b>		<b>102</b>
USA Universities (6.5) [Sub-heading of USA Institutions Box 102]		
USA research, student days (A. Laughton) SEE: Notes, files etc..		
USGS [US Geological Survey] (6.3.7)	1978-80	100
USGS [US Geological Survey] (6.3.7)	1978-74	100
Vacancies and Posts (I, II) (IOS)	No date	47
Visit of HRH Duke of Edinburgh (1.9.3.1) (IOS Administration)	No date	58
Volcanological Committee (Royal Society)	1966-77	30
WHOI (6.4)	1976-86	101
WHOI (6.4)	1963-81	101
Woods Hole Oceanographic Institution SEE: WHOI		
Working Group on Cartography (2.8.13) (Other NERC Committees)	1983-84	74
Working Group on 'Engineering and Ship Services'	1982-1988	113
Working papers etc for PhD Dissertation [A. Laughton]	No date	42
<b><u>Working Papers for publications [A. Laughton]</u></b>	<b>1954-61</b>	<b>33</b>
<b><u>Working Papers for publications [A. Laughton]</u></b>	<b>1962-65</b>	<b>34</b>
<b><u>Working Papers for publications [A. Laughton]</u></b>	<b>1965-70</b>	<b>35</b>
<b><u>Working Papers for publications [A. Laughton]</u></b>	<b>1970-91</b>	<b>36</b>

## Section 3

### List of Abbreviations/Acronyms

ABRC	Association of British Research Councils
ACRFS	Advisory Committee on Resources from the Sea
AERE	Atomic Energy Research Establishment (Harwell)
AERERW	Atomic Energy Research Establishment Radioactive Waste
BAS	British Antarctic Survey (NERC)
BGS	British Geological Research
COST	Cooperation in the field of Science and Technology
DOE	Department of the Environment (UK)
DSDP	Deep Sea Drilling Project
ECU	Experimental Cartography Unit (NERC)
EEC	European Economic Community
DTI	Department of Trade and Industry (UK)
IAPSO	International Association for the Physical Sciences of the Oceans
ICES	International Council for the Exploration of the Sea
ICSU	International Council of Scientific Unions
IGS	Institute of Geological Sciences
IH	Institute of Hydrology (NERC)
IMER	Institute for Marine Environmental Research (NERC)
IOS	Institute of Oceanographic Sciences, Deacon Laboratory
IPCS	Institute of Professional Civil Servants
IPOD	International Panel on Ocean Drilling
IRCCOPR	Inter-Research Council Committee on Pollution Research
IUGG	International Union of Geodesy and Geophysics
IUGS	International Union of Geological Sciences
JOIDES	Joint Oceanographic Institutions for Deep Earth Sampling
MAFF	Ministry of Agriculture Fisheries and Food (UK)
MBA	Marine Biological Association (UK)
MIT	Massachusetts Institute of Technology
NERC	Natural Environmental Research Council
NOL	National Oceanographic Library
NRPB	National Radiological Protection Board
ODP	Ocean Drilling Program
RRS	Royal Research Ship
RVC	Research Vessels Committee (NERC)
RVS	Research Vessels Services (NERC)
RWTLC	Radio Active Waste Technical Liaison Committee
SCOR	Scientific Committee on Ocean Research (International Council of Scientific Unions)
SMBA	Scottish Marine Biological Association
UCNW	University College of North Wales
UEA	University of East Anglia
UK	United Kingdom
UKAEA	United Kingdom Atomic Energy Authority
UNCLOS	United Nations Conference on the Law of the Sea
UNDP	United Nations Development Programme
UNESCO	United Nations Educational Scientific and Cultural Organisation
USA	United States of America
USGS	United States Geological Survey
WHOI	Woods Hole Oceanographic Institution

## Section 4

### Numbered files added to the collection in 2021

<u>Seagoing diaries and other notebooks (Box 117)</u>		117
Book 1.	RRS Discovery II, Plymouth Jun 26 - Plymouth Jul 15/18 - 6 Aug 1952 HMS Bern (T294), Portland 8 Jul - Londonderry 11 Jul - Portland 25 July 1953	1952-53
Book 2.	Royal Society John Murray studentship at Lamont Doherty Geological Observatory, Columbia University Transatlantic voyage RMS Queen Mary, Mar 1954 Three cruises on RV Vema	1954-55
Book 3.	RRS Discovery II, Plymouth 11 Oct - Gibraltar 31 Oct/2 Nov Plymouth 22 Nov 1955 RRS Discovery II, Plymouth 23 Apr - Lerwick May 18/19 – Plymouth 24 May 1956 RRS Discovery II, Plymouth 18 Jul-Ponta Delgada Azores 6/10 Aug – Plymouth 31 Aug 1956 RRS Discovery II, Plymouth Feb 1 – Bermuda 26/28 Feb – Charleston SC 12/16 Mar – Woods Hole 5/11 Apr - Plymouth 29 Apr –1957	1955-57
Book 4.	RRS Discovery II, Plymouth 9 May- Lisbon 3/7 June – Lisbon 1/6 Jul– Plymouth 27 July1958 RRS Discovery II, Plymouth Dec 9 - Plymouth Dec 13 1959 RRS Discovery II, Plymouth 18 Mar – Plymouth 11 Apr 1960 RRS Discovery II, Plymouth 22 Aug – Plymouth 18 Sep - Plymouth 3 Oct, 1960	1958-60
Book 5.	RRS Discovery II, Aug -Oct 1960 continued RRS Discovery II, Plymouth 21 Jun -Torshavn 1 Jul – Lerwick 13 Jul, 1961 HMS Owen, Plymouth 11 Oct – Gibraltar 17 Oct 1961 RRS Discovery II, Jan-Feb 1962 RRS Discovery (Shakedown), Jan 25th -Mar13th 1963 RRS Discovery (Shakedown -2), May 1963 RRS Discovery CR2 IIOE, Aug-Oct 1963	1960-63
Book 6.	RRS Discovery CR2, Mombasa 23- 26 Oct – Suez Canal 22-24 Nov – Plymouth 4 December RRS Discovery CR4, Plymouth Feb 4 Azores Feb 28 - Mar 4 Plymouth Apr 1st RRS Discovery CR11, Plymouth Apr11 -La Coruña May 2-5 – Plymouth May 22 1966	1963-66
Book 7.	RRS Discovery CR16, Plymouth Jan 20 - Malta Jan 20/Feb 1 – Massawa Feb 13/16 – Djibouti Mar 6/9 – Seychelles Mar 27/29 – Aden 14/18 Apr – Plymouth May 6 1967 RRS Discovery CR23, Plymouth Jul 31 -Aug 19 1968 RRS Discovery CR29, Southampton Aug 2- Barry Aug 18/22 – Londonderry Sep 11/13 - Greenock Sep 15/18 – Barry Oct 6 1969 RRS Discovery CR33, Barry Apr 14 – May 1/4 Ponta Delgado Azores – Barry May 21 1970	1967-70
Book 8.	Glomar Challenger Leg 12, Boston Jun 18- Lisbon Aug 11 1970 RRS Discovery CR 43, Barry Oct 7 – Southampton Nov 1/4 – Southampton Nov 25 1971 RRS Discovery CR 54, Southampton Jun 29 – Ponta Delgada Azores Jul 23/26 – Barry Aug 15 1973 RRS Discovery CR 68, November 1974 Ponta Delgada Nov 12 - Ponta Delgada Nov 26 RRS Discovery CR 73, Barry Jul 3 – Ponta Delgada Azores Jul 31/Aug 3 – Southampton 26 Aug 1975	1970-75

Book 9.	RRS Discovery CR84, Barry Jun 15 – Reykjavik Jul 5/8 – Lisbon Jul 28 1977 RRS Discovery CR116, Barry Jan 6 - Madeira Jan 16 1981 RV Maurice Ewing, Bergen 29 Sep – New York 26 Oct 1990	1977-90
Book 10.	CS Recorder, Hong Kong Jan 24 -Feb 6 1964	1964
Book 11.	Various notes Feb Mar 1963	1963
Book 12.	Seismic Book 1955	1955-56
Book 13.	PES Notebook I	1961-62
Book 14.	PES Notebook II	1962-63
Book 15.	Current Measurement, notes relating to current measurements in 1960/61 (Handwriting not ASL's)	1960-61
Book 16.	General Notebook Sept 1966, planning for RRS Discovery CR16 to Indian Ocean in 1967	1966

## Section 5

### Files added to the collection in 2023-2024

<b>Box title/file contents</b>	<b>Date</b>	<b>Box</b>
<b><u>Photographic slides (boxes WHAT – WHAT)</u></b>		
Structural and geographical slides of the deep floor	No date	118
Photography slides: ships, shipboard, operations, underwater camera	No date	119
Photography slides: 5 x boxes (NEED FULLER INFORMATION)	No date	120
Photography slides: 4 x boxes and 2 small cases (NEED FULLER INFORMATION)	1964-1973	121
R/V Maurice Ewing cruise, 1991 <ul style="list-style-type: none"><li>GLORIA – Technical, “Decade of GLORIA”, Various GLORIA surveys, U.S.G.S.</li><li>Other sounding methods</li></ul>	1991	122
Glomar Challenger Leg 12 and Ocean Drilling Program, JOIDES Resolution	1970	122
Bidston and waves, Taunton and waves, Geophysics Group Activities, Biology, IOS, Impact events, Resources of the sea, underwater photographs		123
Mid-ocean ridge and fracture zones <ul style="list-style-type: none"><li>Famous area</li><li>Kurchatov F.Z.</li><li>Reykjanes Ridge</li><li>Charlie-Gibbs F.Z.</li><li>Gibraltar-Azores F.Z.</li></ul>	Various dates	123
Plate tectonics – general, Bathymetric charts, Physiographic diagrams, UNLOSC, Sea level, GEBCO, Remote sensing (radar alt.)	Various dates	124
Continental margins, North Atlantic evolution, Indian Ocean evolution, Lecture “Scenery beneath the ocean”	Various dates	124
Geological and geophysical equipment, RW disposal diagrams, Red Sea brines, Hydrothermal vents, Krafla fissure, Iceland 1977, AFAR	Various dates	125
Deep Sea Drilling Project (DSDP) Leg 12, Initial report (See also box 11)	1971	126
<b><u>Underwater Photography</u></b>		
1 file miscellaneous images	No date	127
Photographs from D/V Glomar Challenge Leg 12, June-Aug 1970	1970	127
Discovery Cruise 4, Feb-Nov 1965; Indian Ocean, 1967, photo numbers 5609-6267, includes captions and coordinates of images	1965-1967	127
VEMA	1955	127
Photographs 4275-4286, Mar-Apr 1960	1960	127
Photographs 4518-4547, Aug-Sept 1960	1960	127
Discovery II, May-July 1958	1958	127
Underwater photography: Catalogue of stations by cruise	No date	127

### **Miscellaneous files**

Reprints of papers and conference proceedings, numbered but no listing (3 sets)	1954-1995	128
Published papers in 5 folder, with numbered listing in yellow folder	1954-2005	129
• 1-24		
• 25-48		
• 49-68		
• 69-97		
• 98-131		
Law of the sea: Charts dividing up continents/seabeds, Charts of shipping routes		130
Indian Ocean Expedition underwater photographs with captions and coordinates of images	1963	130
Shoals bathymetry	No date	130
MNH's Journal of RRS Discovery II expedition, Jan- Mar 1962	1962	131
Diary from RRS Discovery II cruise and 2 <sup>nd</sup> International Ocean Congress Moscow	1966	131
Diary from Delhi – Kashmir	1964-65	131
International Indian Ocean Expedition, RRS Discovery Cruise 2 report, Geology and Geophysics in N.W. Indian Ocean		131
Tsunami, various reports, notes and publications	No date	131
DVD of RRS Discovery Cruise 2 IIOE (International Indian Ocean Expedition), Aug-Oct 1963. Filmed by Maurice Hill, commentary by Tony Laughton.	1963	131
Ocean Survey III: 1999-2003, Global markets and technologies. Preface by Sir Anthony Laughton, President of the Hydrographic Society, pages 7-9. Copyright of David-Westwood Limited.	1999	131
Book: The essentials of qualitative analysis by A. Holderness and John Lambert, 1939. With notes on qualitative analysis by Tony Laughton.		131
International Bathymetric chart of the Central Eastern Atlantic, sheet 1.01, 2002	2002	131
Map of the shaded relief of the Arctic Ocean and adjacent continents, number 306, constructed at Stockholm University under the auspices of the project International Bathymetric Chart of the Arctic Ocean (IBCAO)	2000	131

### **Lecture notes and presentations**

Lecture notes and presentations	1952-2018	132
• Folder 1, 1952-1964		
• Folder 2, 1964-1979		
Lecture notes and presentations	1952-2018	133
• Folder 3, 1980-1992		
• Folder 4, 1993-2018		
Lecture presentation and photographs on CD	2003	133
Notes from lectures and presentations	No date	133