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Oceanography Centre**
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Southampton

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Records of the Office of Director

Professor Henry Charnock

Personal and Corporate papers

1953-1995

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Henry Charnock trained as a meteorologist with the Air Ministry during the war, and received an MSc from Imperial College, London. After the World War II, he joined the National Institute of Oceanography (NIO) at Wormley, Surrey, working on wind wave interactions.

In the 1950s, he worked with the Navy on the detection of submarine wakes, and also took part in pioneering studies of deep ocean currents with Dr John Swallow. For three years from 1958, he headed a NATO group in Italy studying the Mediterranean Sea. Between 1966 and 1971, as Professor of Physical Oceanography at the University of Southampton, he led cruises that laid the foundations for the Joint Air-Sea Interaction experiment (1978).

On the retirement of George Deacon in 1971, he was appointed Director of NIO, which subsequently became the Institute of Oceanographic Sciences. In 1978, he returned to Southampton, becoming Head of the Department of Oceanography and later Deputy Vice Chancellor (1983-84).

He was honoured with the presidencies of both the International Union of Geodesy and Geophysics (1971-75) and the Royal Meteorology Society (1982-84), and was elected a Fellow of the Royal Society in 1976. He was awarded a CBE in 1992.

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72 NATO - Group Magellan	1975-1976	D7.25
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73 NATO – Sub-Committee on Oceanographic Research, Minutes of Meetings 1969	1969	D7.30.2
73 NATO – Sub-Committee on Oceanographic Research, General Correspondence	1967-1968	D7.30.2
73 NATO - Sub-Committee on Oceanographic Research, Minutes of Meetings 1970	1970	D7.30.2
74 NATO – Sub-Committee on Oceanographic Research, Science Committee of North Atlantic Council - Proposal on current measurements in the Faeroe- Shetland Channel and in the Straits of Gibraltar, 1961	1961	D7.30
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30	Section 56-82	1972-1977	D2.20
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31	Section 106-117	1972-1977	D2.20
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78 th 28 March 1974 10	1974	D2.5
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21	NERC - Natural Environment Research Council, Preparatory Group (A):		
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15			
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17	NERC - Natural Environment Research Council, Preparatory Group (C):		D2.7
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20	Preparatory Group C (Biology) Meeting, March 1973	1973	D2.7
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35	NERC - NERC Directors’ Meeting, 15 th , (Not present/Missing?)		
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	35		
	NERC - NERC Oceanography and fisheries Committee – Edinburgh Visiting Group Report (Scottish Marine Biological Association (SMBA))	1967	D2.29
34			
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34			
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36			
	NERC - Publications (copies) Series B, 4, 1972.	1972	D2.45
36			
	Publications (copies) Series C, 8,9,11. 1974	1974	D2.45
36			
	Publications – Working Party on Applied climatology Report (Pre-Publication copy (1972))	1972	D2.45
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	NERC - Research Grants	1972-1974	
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1) “Outline of PROJECT A3-1” by S.Ishiguro dated 27 October 1971 (Unpublished Mss)	1971	D4.9
42		
2) “Digital synthesis of step function responses produced by Ishiguro’s analogue model of the North Sea.” By A.C.Eden dated 22 December 1971	1971	D4.9
42		
3) Report and plan for Project A3-1, 6 January 1972, Revised 14 January 1972, by S.Ishiguro (Appendix 12 by A.C.Eden)	1972	D4.9
42		
4) New electronic sea model, Progress Report, January – December 1972, by S.Ishiguro (design) and J.Smithers (experimental work)	1972	D4.9
42		
5) MSC Ref 1 - An electronic model for tides and storm surges in the North Sea, by S.Ishiguro (N10) (Unpublished manuscript – not dated)	No date	D4.9
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D9.1.1A	76 Publication of the 'Encyclopedia of the Sea' – contributors – Correspondence	1971-1975
D9.1.1B	76 Remote Sensing	1971-1976
D4.5/I	42 "Report for Department of Trade and Industry and UKAEA – Programme Analysis Unit. PAU R7/73 Navigation and ship operation." Group leader G.I.W.Llewelyn. 1973. Marked <i>Commercial in Confidence</i> Copy of Report	1973
D6.13	48 Rothschild/Dainton Report ("A framework for Government Research and Development CMD 4814. HMSO 1971")– Press Comments	No date
D2.31	35 Royal Society,- British Antarctic Committee on Antarctic Research	1974-1976
D7.1.2	49 Royal Society – British National Committee – Papers	1973-1976
D7.1.14	53 Royal Society – British National Committee for GARP	1971-1975
D7.1.16.I	54 Royal Society – British National Committee for Geology	1972-1978
D7.1.10.I	53 Royal Society – British National Committee for International Council of Scientific Unions	1971-1974
D7.1.14.I	54 Royal Society – British National Committee for International Council of Scientific Unions	1975-1976
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D7.1.12	53 Royal Society – Marine Pollution/ Study Group/Sub-committee	1972-1976
D7.1.12	53 Royal Society – Marine Pollution Sub-committee – Papers	1976
D7.1.17.I	55 Royal Society – Study Group on Pollution in the Atmosphere	1975-1976(Pt)
D7.1.17.II	55 Royal Society – Study Group on Pollution in the Atmosphere	1976(Cont)-1977
D7.1.18.I	55 Royal Society - UNESCO Committee of UK National Commission – Papers	1975
D7.1.18.II	55 Royal Society - UNESCO Committee of UK National Commission - Papers	1976(Part)
D7.1.18.II	55 RRS "Discovery" – Fire 1975 and Enquiry 1975-1977	1975-1977
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D4.50. II	45 Scripps Institution of Oceanography, JOIDES Project – Correspondence	1974-1976
D7.16	70 Second International Congress on the History of Oceanography "Challenger" Expedition Centenary	1972

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D8.6.i	75	Symposia, Conferences and International Meetings (Sections 21-42) (H.Charnock attended)	Various
D8.6.ii	75	Symposia, Conferences and International Meetings (Sections 43-63) (H.Charnock attended)	Various
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Thorpe, S.A.: "Experiments on the stability of stratified shear Flows (1969)" - 1975 Observations and programme.		1975	
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Section 3

List of Abbreviations and Acronyms

BNCGG	British National Committee for Geodesy and Geophysics
COST	Cooperation in the field of Science and Technology
DSDP	Deep Sea Drilling Project
FGGE	First GARP Global Experiment
GARP	Global Atmospheric Research Programme
GATE	GARP Atlantic Tropical Experiment
GLORIA	Geological Long-Range Inclined Asdic
IAMAP	International Association of Meteorology and Atmospheric Sciences
IAPO	International Association for Physical Oceanography
IAPSO	International Association for the Physical Sciences of the Ocean
ICOT	Institute of Coastal Oceanography and Tides
ICSC	Information Communications on Strategy Committee
IOC	Inter-Governmental Oceanographic Commission
IOSDL	Institute of Oceanographic Sciences, Deacon Laboratory
IPOD	International Panel on Ocean Drilling

JOIDES	Joint Oceanographic Institutions for Deep Earth Sampling
JOINSWAP	Joint North Sea Wave Analysis Project
JONSIS	Joint North Sea Information Systems
MAFF	Ministry of Agriculture Fisheries and Food
MIAS	Marine Information and Advisory Service
MSES	Marine Scientific Equipment Service
NERC	Natural Environment Research Council
NIO	National Institute of Oceanography
PREST	Policy Research in Engineering Science and Technology
SCODS	Standing Committee on Ocean Data Stations
SCOPE	Scientific Committee on Problems of the Environment
SMBA	Scottish Marine Biological Association
UKAEA	United Kingdom Atomic Energy Authority
UNESCO	United Nations Educational, Scientific Organisation