

River Murray Waters Act 1983

No. 86 of 1983

An Act to approve and provide for carrying out an agreement entered into between the Commonwealth, New South Wales, Victoria and South Australia with regard to the River Murray, the Menindee Lakes and other waters, and for other purposes

[Assented to 14 November 1983]

BE IT ENACTED by the Queen, and the Senate and the House of Representatives of the Commonwealth of Australia, as follows:

# Short title

**1.** This Act may be cited as the *River Murray Waters Act 1983.*

**Commencement**

**2.** This Act shall come into operation on a date to be fixed by Proclamation.

# Interpretation

3. In this Act, unless the contrary intention appears—

“Agreement” means the agreement a copy of which is set out in the Schedule;

“Commission” has the same meaning as in the Agreement;

“Commissioner” means a Commissioner of the Commission and includes a Deputy Commissioner of the Commission when acting as a Commissioner of the Commission;

“Commonwealth member” means the Commissioner or Deputy Commissioner appointed under section 6;

“Constructing Authority” has the same meaning as in the Agreement;

“Contracting Government” has the same meaning as in the Agreement;

“former Agreement” has the same meaning as in the Agreement;

“law of the Commonwealth” includes a law of a Territory;

“works” means works constructed under the former Agreement or constructed, or to be constructed, under the Agreement.

# Approval of Agreement

**4.** The Agreement is approved.

# Act to bind Crown

**5.** This Act binds the Crown in right of the Commonwealth.

# Appointment of Commissioner and Deputy Commissioner

**6. (1)** The Governor-General may appoint a Commissioner and a Deputy Commissioner.

**(2)** Subject to this Act, a Commonwealth member holds office for such period, not exceeding 5 years, as is specified in the instrument of his appointment, but is eligible for re-appointment.

**(3)** A Commonwealth member holds office on such terms and conditions (if any) in respect of matters not provided for by this Act or another law of the Commonwealth as are determined by the Governor-General.

**(4)** The appointment of a Commonwealth member is not invalidated and shall not be called in question by reason of a defect or irregularity in or in connection with his appointment.

# Remuneration and allowances

**7. (1)** A Commonwealth member shall be paid such remuneration (if any) as is determined by the Remuneration Tribunal, but, if no determination of that remuneration by the Tribunal is in operation, he shall be paid such remuneration (if any) as is prescribed.

**(2)** A Commonwealth member shall be paid such allowances (if any) as are prescribed.

**(3)** This section has effect subject to the *Remuneration Tribunals Act 1973.*

# Resignation

**8.** A Commonwealth member may resign his office by writing under his hand addressed to the Governor-General but the resignation does not have effect unless and until it is accepted by the Governor-General.

# Termination of appointment

**9.** The Governor-General may at any time terminate the appointment of a Commonwealth member.

# Jurisdiction of State courts

**10.** Nothing in any law of the Commonwealth shall be taken to exclude or limit the jurisdiction of a court of a State in relation to the performance of a duty or the exercise of a power by the Commission or a Commonwealth member.

# Appropriation of moneys

**11.** All moneys required to be provided by the Commonwealth under the Agreement shall be provided out of moneys to be appropriated by the Parliament for the purpose.

# Exemption from taxes and charges

**12.** No tax, charge or fee is payable under a law of the Commonwealth in respect of any works or in respect of any property used in or held for the purposes of any works by a Contracting Government or Constructing Authority.

# Evidence

**13.** **(1)** Every minute or record of the proceedings of the Commission that is signed by the Commissioners, or a copy of such a minute or record certified as correct under the hand of a Commissioner or the secretary of the Commission, shall be presumed to be correct until the contrary is proved.

**(2)** A document signed by, and containing a decision of, an arbitrator appointed under the Agreement is, in any proceeding, *prima facie* evidence of the decision.

**(3)** A document purporting to be a minute or record, or copy, referred to in sub-section (1)or document referred to in sub-section (2) shall, unless the contrary is established, be deemed to be such a minute or record, copy or document, as the case may be.

# Certain documents to be laid before Parliament

**14.** All reports and statements received under the Agreement by the Governor-General shall be laid before both Houses of the Parliament without delay.

# Regulations

**15.** The Governor-General may make regulations, not inconsistent with this Act, prescribing matters—

(a) required or permitted by this Act to be prescribed; or

(b) necessary or convenient to be prescribed for carrying out or giving effect to this Act.

# Amendment of Snowy Mountains Hydro-electric Power Act

**16.** Section 5b of the *Snowy Mountains Hydro-electric Power Act 1949* is amended by omitting “agreements copies of which are set out in the Schedules to the *River Murray Waters Act 1915”* and substituting “agreement a copy of which is set out in the Schedule to the *River Murray Waters Act 1983”.*

# Repeal and Transitional

**17.** **(1)** The following Acts are repealed:

*Menindee Lakes Storage Agreement Act 1963;*

*River Murray Waters Act 1915*;

*River Murray Waters Act 1923*;

*River Murray Waters Act 1934*;

*River Murray Waters Act 1948*;

*River Murray Waters Act 1954*;

*River Murray Waters Act 1958*;

*River Murray Waters Act 1963*;

*River Murray Waters Act 1970*;

*River Murray Waters Act 1974*.

**(2)** A person who, immediately before the commencement of this Act, held office as the Commissioner or the Deputy Commissioner appointed under section 6 of the *River Murray Waters Act 1915,* continues to hold office, subject to this Act, for the remainder of his term of office as if he had been appointed as the Commissioner or the Deputy Commissioner, as the case may be, under section 6 of this Act.

# SCHEDULE Section 3

# RIVER MURRAY WATERS AGREEMENT

**between**

# THE COMMONWEALTH OF AUSTRALIA

# THE STATE OF NEW SOUTH WALES

# THE STATE OF VICTORIA

# THE STATE OF SOUTH AUSTRALIA

**1982**

# INDEX

# PART I

*Interpretation Clause*

Definitions 1

Interpretation 2

# PART II

*Approval and Enforcement*

Substitution 3

Approval 4

Submission to Parliament 5

Parties to provide for enforcement of Agreement and Acts 6

# PART III

*The Commission*

Constitution 7, 8

Appointment of Commissioners and Deputy Commissioners 9

Term of Appointment 10

Continuation in Office 11

When Deputy Commissioner may act 12

Powers of Commissioners 13

Remuneration of Commissioners and Deputy Commissioners 14

Removal from office 15

Resignation 16

# SCHEDULE—continued

*Clause*

Vacancies 17

Validity of proceedings 18

Meetings of the Commission 19

Delegation 20

Appointment of Committees 21

Officers of the Commission 22

Employment of officers in public service or in statutory authorities 23

Liability for acts of Commissioners and officers 24

# PART IV

*Water Quality and Control*

Studies and investigations 25

Measurements of water quantity and quality 26

Water quality objectives and standards 27

Recommendations re water quantity and quality 28

Commission to be informed of new proposals 29

Regard to be had to river and water management objectives 30

Protection of catchment of Hume Reservoir 31

# PART V

*Construction, Operation and Maintenance of Works*

Major works subject to the Agreement 32

Authorisation of additional works 33

Ancillary, preventative and remedial works 34

Preparation and submission of designs, etc. for Commission approval 35

Commission and Government approval of certain tenders 36

Directions for the efficient construction etc. of works 37

Completion of Chowilla Reservoir 38

States to facilitate construction and operation within their territories 39

Works for benefit of State Contracting Governments 40

Declaration that works effective 41

Maintenance of works 42

Procedures for operation and control of works 43

Dredging and snagging 44

Operation and control of works 45

Performance of joint duties 46

Ineffective works 47

# PART VI

*Finance*

Apportionment of costs 48

Financial year 49

Detailed estimates of expenditure 50

Excess expenditure 51

Forward estimates 52

Payments by Contracting Governments 53

# SCHEDULE—continued

*Clause*

Payments by Commission to States 54

Unexpended balances 55

Disposal of surplus assets 56

Proper accounts to be kept 57

List of assets 58

Audit 59

Commission to account 60

Contracting Governments to account 61

Bank accounts 62

Investment 63

Application of moneys by Commission 64

Revenue 65

Tolls 66

Compensation for damage by works 67

# PART VII

*Reports*

Preparation of reports 68

# PART VIII

*Proceedings in Default*

Failure to perform works or contribute cost 69

# PART IX

*Distribution of Waters*

*Division 1*—*Interpretation*

Definitions 70

Post Chowilla 71

*Division 2*—*State Entitlements to Water*

Measurement of South Australia’s entitlement 72

South Australia’s monthly entitlement 73

Variation of South Australia’s entitlement 74

Use of Lake Victoria 75

Surplus flow to South Australia 76

Entitlements of New South Wales and Victoria 77

New South Wales’ entitlement to water from Menindee Lakes 78

New South Wales’ and Victoria’s supply to South Australia 79

Limitations on use by New South Wales and Victoria 80

*Division 3*—*Control by Commission*

Commission’s role in operation of storages 81

Limitations on Menindee Lakes operation 82

Accounting for releases for dilution 83

Procedures for Dartmouth Dam operation 84

Reserve storage 85

Use of State works to convey Murray water 86

# SCHEDULE—continued

*Clause*

*Division 4*—*Water Accounting*

General 87

Allocation of water to New South Wales and Victoria 88

Allocation of water in Menindee Lakes Storage 89

Tributary inflows 90

Use by New South Wales and Victoria of allocated water 91

Snowy diversions out of Murray catchment 92

Losses 93

New South Wales’ and Victoria’s supply to South Australia 94

Deferment of continuous accounting of carryover of stored water 95

Reallocation of water between upper States 96

Accounting for quality of inputs from State tributaries and for Snowy Scheme 97

To provide efficient regulation of the Murray River 98

Accounting procedures 99

Accounting for spill from storages 100

Accounting for releases through Dartmouth Dam Power Station 101

Reallocation of water in Menindee Lakes Storage 102

Dilution at Swan Hill and Merbein 103

*Division 5*—*Periods of Restriction*

Declaration of restrictions 104

Variation of navigation depths during restrictions 105

Water under the control of the Commission 106

Sharing of water during restrictions 107

South Australian share during restrictions 108

# PART X

*Lake Victoria Works*

Power to store water in Lake Victoria 109

Water stored in Lake Victoria 110

# PART XI

*Menindee Lakes Storage*

Cessation of Menindee Lakes Storage Agreement 111

Maintenance of Menindee Lakes Storage 112

Full supply levels 113

Financial contributions of Commission 114

# PART XII

*Effect of Snowy Mountains Agreement*

Reconciliation with Snowy Mountains Agreement 115

# PART XIII

*Miscellaneous*

Arbitration 116

Proposals to amend Agreement 117

# SCHEDULE—continued

*Clause*

Furnishing information and particulars 118

Authorities to observe Agreement 119

Transitional provisions 120

## SCHEDULE A

*Description of Works*

AN AGREEMENT made the First day of October One thousand nine hundred and eighty-two between—

THE COMMONWEALTH OF AUSTRALIA of the first part,

THE STATE OF NEW SOUTH WALES of the second part,

THE STATE OF VICTORIA of the third part, and

THE STATE OF SOUTH AUSTRALIA of the fourth part.

WHEREAS on 9 September 1914 an Agreement was entered into by the Prime Minister of the Commonwealth of Australia and the Premiers of the States of New South Wales, Victoria and South Australia with regard to the economical use of the waters of the River Murray and its tributaries for irrigation and navigation and to the reconciling of the interests of the Commonwealth and the said States which Agreement was ratified and approved by the Parliament of the Commonwealth of Australia and the Parliaments of the said States and which Agreement is hereinafter referred to as the First Agreement:

AND WHEREAS by further Agreements dated 10 August 1923, 23 July 1934, 26 November 1948, 2 November 1954, 11 September 1958, 8 October 1963 and 26 February 1970, all made between the Prime Minister of the Commonwealth of Australia and the Premiers of the States of New South Wales, Victoria and South Australia certain provisions of the First Agreement were modified:

AND WHEREAS the further recited Agreements were all subsequently ratified and approved by the Parliament of the Commonwealth of Australia and by the Parliaments of the said States:

AND WHEREAS it is desirable to consolidate the provisions of the First Agreement and further recited Agreements, and to incorporate certain recommendations concerning the quality of waters and to provide for certain other matters in addition to and in substitution for certain provisions of the First Agreement and the further recited Agreements:

NOW IT IS HEREBY AGREED as follows—

# PART I—INTERPRETATION

# Definitions

**1.** In this Agreement save where inconsistent with the context—

“Commission” means The River Murray Commission constituted under the former Agreement and continued in existence under clause 7.

“Commissioner for the Commonwealth” means the Commissioner appointed by the

Governor-General pursuant to clause 9.

“Commissioner for New South Wales” means the Commissioner appointed by the Governor of New South Wales pursuant to clause 9.

“Commissioner for South Australia” means the Commissioner appointed by the Governor of South Australia pursuant to clause 9.

“Commissioner for Victoria” means the Commissioner appointed by the Governor of Victoria pursuant to clause 9.

“Commonwealth auditor” means the Auditor-General of the Commonwealth or such other person as may be appointed by the Governor-General for the purpose of carrying out the inspection and audit referred to in paragraph 59 (1) (a).

“Contracting Government” means any of the Governments of the Commonwealth, the State of New South Wales, the State of Victoria or the State of South Australia.

# SCHEDULE—continued

“Constructing Authority” means the Contracting Government or Governments by which any works authorised by this Agreement or the former Agreement have been or are being constructed or are to be constructed or any authority constituted or appointed for the purpose of such construction.

“Deputy Commissioner for the Commonwealth” means the Deputy Commissioner appointed by the Governor-General pursuant to clause 9.

“Deputy Commissioner for New South Wales” means the Deputy Commissioner appointed by the Governor of New South Wales pursuant to clause 9.

“Deputy Commissioner for South Australia” means the Deputy Commissioner appointed by the Governor of South Australia pursuant to clause 9.

“Deputy Commissioner for Victoria” means the Deputy Commissioner appointed by the Governor of Victoria pursuant to clause 9.

“diversions” includes abstractions, impoundings and appropriations of water that diminish or retard the volume of flow of a river.

“Doctors Point” means the location of the Doctors Point stream gauging station.

“former Agreement” means the Agreement made on 9 September 1914 between the Prime Minister of the Commonwealth of Australia and the Premiers of the States of New South Wales, Victoria and South Australia as amended by further agreements dated 10 August 1923, 23 July 1934, 26 November 1948, 2 November 1954, 11 September 1958, 8 October 1963 and 26 February 1970.

“Governor-General” means Governor-General with the advice of the Executive Council.

“Governor” means Governor with the advice of the Executive Council.

“land” includes Crown lands and buildings, messuages, tenements and hereditaments of any tenure and any easement right or privilege in over or affecting any land.

“maintenance” includes repairs but does not include improvements to the design or function of a work or replacement of the whole of the work.

“officer” means a person in the employ of the Commission who has been appointed or employed by the Commission under sub-clause 22(1). “river” and “tributary” respectively include any affluent, effluent, creek, anabranch or extension of, and any lake or lagoon connected with, the river or tributary.

“State” means the State of New South Wales, the State of Victoria or the State of South Australia. “State auditor” means a person appointed by the Governor of any of the States of New South Wales, Victoria and South Australia for the purpose of carrying out the inspection and audit referred to in paragraph 59 (1) (b).

“State Contracting Government” means any of the Governments of the State of New South Wales, the State of Victoria or the State of South Australia,

“stored water” means water stored in or by any of the works described in Schedule A or in or by any of the works authorised under clause 33.

“the Authority” means the Snowy Mountains Hydro-electric Authority.

“the Snowy Mountains Agreement” means the agreement made between the Commonwealth of Australia and the States of New South Wales and Victoria on 18 September 1957, and the agreement between the same parties made on 14 December 1957, both of which agreements are set out in Schedules to the Snowy Mountains Hydro-electric Power Act 1949 of the Commonwealth of Australia.

# Interpretation

**2. (1)** Unless the contrary intention appears, a reference in this Agreement to any Act shall be read as including a reference to any Act amending, or in substitution for, that Act.

**(2)** The headings of Parts, Divisions and clauses shall not affect the interpretation of this Agreement.

**(3)** Unless the contrary intention appears, words importing the singular shall include the plural and vice versa and words importing any gender shall include any other gender.

**(4)** Unless the contrary intention appears, a reference to a Commissioner shall be read as including a Deputy Commissioner who is acting as a Commissioner.

# SCHEDULE—continued

# PART II—APPROVAL AND ENFORCEMENT

# Substitution

**3.** Except as otherwise provided In this Agreement and without affecting in any way the past operation of the former Agreement, this Agreement shall replace the former Agreement.

# Approval

**4.** This Agreement, other than clause 5, is subject to approval by the Parliaments of the Commonwealth of Australia and of the States of New South Wales, Victoria and South Australia; and shall come into effect when so approved.

# Submission to Parliament

**5.** The Contracting Governments hereby agree to submit this Agreement for approval to the respective Parliaments of the Commonwealth of Australia and of the said States as soon as practicable after the date of this Agreement.

# Parties to provide for enforcement of Agreement and Acts

**6.** Each of the Contracting Governments so far as its jurisdiction extends and so far as it may be necessary shall provide for or secure the execution and enforcement of the provisions of this Agreement and any Acts approving it.

# PART III—THE COMMISSION

# Constitution

**7.** The River Murray Commission constituted under the former Agreement shall continue to function for the purposes of this Agreement and of the Acts approving the same, and the Commission shall have such status and such powers and duties and enjoy such privileges and immunities as may be conferred upon it by this Agreement and the said Acts.

**8.** The Commission shall consist of four Commissioners.

# Appointment of Commissioners and Deputy Commissioners

**9.** One Commissioner and one Deputy Commissioner shall be appointed by each of the Governor-General, the Governor of New South Wales, the Governor of Victoria and the Governor of South Australia.

# Term of Appointment

**10.** Each Commissioner and Deputy Commissioner shall be appointed for a term not exceeding five years and shall be eligible for re-appointment.

# Continuation in Office

**11.** Where, immediately before the date on which this Agreement comes into effect, a person holds office as a Commissioner or a Deputy Commissioner by virtue of a provision of the former Agreement, he continues on and after that date, but subject to this Agreement, to hold office for the remainder of his term of office as if he had been appointed under the corresponding provision of this Agreement, and any instrument by which his appointment was made continues in force accordingly.

# When Deputy Commissioner may act

**12.** Whenever—

(a) the Commissioner for the Commonwealth or a State is

(i) absent from Australia or from duty,

(ii) unable for any reason to attend a meeting of the Commission, or

(iii) otherwise unable to perform the duties of his office, or

(b) there is a vacancy in the office of the Commissioner for the Commonwealth or a State,

the Deputy Commissioner for the Commonwealth or that State, as the case may be, shall act as Commissioner for the Commonwealth or that State, as the case may be, and while so acting, shall have all the powers and perform all the duties of that Commissioner.

# Powers of Commissioners

**13.** Subject as provided in this Agreement the Commissioners shall have equal powers.

# SCHEDULE—continued

# Remuneration of Commissioners and Deputy Commissioners

**14.** The Commission shall not be responsible for the payment of a Commissioner’s or Deputy Commissioner’s remuneration, allowances or expenses, but each Commissioner or Deputy Commissioner shall be paid by the Contracting Government by whose Governor-General or Governor (as the case may be) the Commissioner or Deputy Commissioner has been appointed such remuneration, allowances or expenses (if any) as shall be determined by or under any applicable law or, in the absence of such law, by that Contracting Government.

# Removal from office

**15.** A Commissioner or a Deputy Commissioner for the Commonwealth may at any time be removed from office by the Governor-General and a Commissioner or a Deputy Commissioner for a State may at any time be removed from office by the Governor of that State.

# Resignation

**16.** A Commissioner or a Deputy Commissioner may at any time tender resignation of his appointment by writing under his hand, addressed, in the case of a Commissioner or a Deputy Commissioner for the Commonwealth, to the Governor-General, or in the case of a Commissioner or a Deputy Commissioner for a State, to the Governor of that State and such resignation shall take effect upon, and only upon, acceptance thereof by the Governor-General or the Governor as the case may be.

# Vacancies

**17.** Whenever a vacancy occurs in the office of—

(a) a Commissioner or a Deputy Commissioner for the Commonwealth, the Governor-General, or

(b) a Commissioner or a Deputy Commissioner for a State, the Governor of that State, shall appoint a person to the vacant office.

# Validity of proceedings

**18.** No act, proceeding or determination of the Commission shall be invalid on the ground only of any defect in the appointment of any Commissioner or Deputy Commissioner.

# Meetings of the Commission

**19. (1)** The Commissioners may meet together for the transaction of the Commission’s business and may adjourn any meeting.

**(2)** A Commissioner may at any time call a meeting of the Commissioners.

**(3)** The Commissioner for the Commonwealth shall be the President of the Commission and shall be the chairman at all meetings of the Commission at which he is present.

**(4)** At any meeting of the Commission at which the Commissioner for the Commonwealth is not present, the Deputy Commissioner for the Commonwealth shall act as chairman of that meeting.

**(5)** The Commissioner for the Commonwealth shall have a deliberative vote but shall not have a casting vote, except as provided in sub-clauses 20 (2), 82 (2) and 116 (5).

**(6)** The four Commissioners shall be a quorum and, except as provided in sub-clauses 20 (2), 82 (2) and 116 (5), the concurrence of all of them shall be necessary for the transaction of the business of the Commission.

**(7)** Except as provided in this Agreement, the Commission shall regulate the conduct of its own proceedings.

**(8)** The Commission shall cause proper minutes of all its proceedings to be kept.

**(9)** A resolution in writing signed by all the Commissioners shall be as valid and effectual as if it had been passed at a meeting of the Commissioners duly convened and held. Any such resolution may consist of several documents in like form, each signed by one or more of the Commissioners. The date and time of affixing a signature as aforesaid shall be endorsed on the document to which it is affixed and, provided that all Commissioners have signed as aforesaid, the resolution shall be deemed to have been passed at the latest time so endorsed.

# SCHEDULE—continued

# Delegation

**20. (1)** The Commission may either generally or in relation to a matter or class of matters by resolution of the Commission delegate to any Commissioner or any officer any of its powers under this Agreement, except this power of delegation.

**(2)** A delegation under sub-clause 20 (1) may be revoked by a majority vote of the four Commissioners or, if the four Commissioners are equally divided, by the casting vote of the Commissioner for the Commonwealth.

**(3)** A delegation of any power pursuant to this clause shall not prevent the exercise of that power by the Commission.

**(4)** A power so delegated, when exercised by the delegate, shall, for the purposes of this Agreement, be deemed to have been exercised by the Commission.

# Appointment of Committees

**21. (1)** The Commission may, from time to time, appoint such temporary or standing committees as it shall see fit.

**(2)** A committee shall have and perform such powers and functions as the Commission determines.

**(3)** The Commission may make arrangements with a Contracting Government with respect to which costs associated with the work of a committee shall be borne by the Commission and which shall be borne by that Contracting Government. Of the costs to be borne by the Commission, the Commission shall decide which costs shall be borne by the Contracting Governments and which costs shall be borne by the State Contracting Governments.

# Officers of the Commission

**22. (1)** The Commission may from time to time—

(a) appoint or employ such officers as it thinks fit and may dismiss or remove officers so appointed or employed,

(b) determine the terms and conditions of employment, including remuneration, of officers and, subject to any applicable law, provide for their superannuation, and

(c) subject to such terms and conditions as it may approve, engage consultants. (2) All officers shall be subject to the sole control of the Commission.

# Employment of officers in public service or in statutory authorities

**23. (1)** The Commission may, with the consent of the Minister controlling any Department of the Public Service of any Contracting Government and on such terms as may be mutually arranged, make use of the services of any of the officers or employees of that Department.

**(2)** The Commission may, with the approval of a public authority and on such terms as may be mutually arranged, make use of the services of any officer or employee of that public authority.

**(3)** In sub-clause 23 (2), “public authority” means a body, whether incorporated or not, established for a public purpose by a law of the Commonwealth, a State or a Territory.

# Liability for acts of Commissioners and officers

**24. (1)** Each Contracting Government shall indemnify the Commissioner and Deputy Commissioner appointed by the Governor-General or the Governor of its State, as the case may be, in respect of any act or omission of that Commissioner or that Deputy Commissioner, and for any losses or costs incurred by him, in the bona fide execution of the powers vested in the Commission by or under this Agreement or any Act approving the same.

**(2)** The Contracting Governments shall jointly indemnify each officer of the Commission in respect of any act or omission of that officer, and for any losses or costs incurred by him, in the bona fide execution of his duties as an officer of the Commission.

**(3)** Any payments made pursuant to sub-clause 24 (2) shall be borne by the Contracting Governments in equal shares.

# SCHEDULE—continued

# PART IV—WATER QUALITY AND CONTROL

# Studies and investigations

**25. (1)** The Commission may from time to time co-ordinate, or carry out, or cause to be carried out, surveys investigations and studies regarding the desirability and practicability of works or measures for the better conservation and regulation of the waters of the River Murray or for the protection or improvement of the quality thereof.

**(2)** The Commission shall not carry out or cause to be carried out any surveys investigations or studies relating to works or measures on or adjacent to a tributary of the River Murray without obtaining the consent of the State in whose territory the tributary lies unless that tributary is a tributary above Doctors Point or is the Darling River below Menindee.

**(3)** (a) The Commission may from time to time initiate proposals for the better conservation and regulation of the waters of the River Murray or for the protection or improvement of the quality thereof.

(b) Where the implementation of any such proposal would significantly affect the flow, use, control or quality of any water under the control, supervision or protection of a Contracting Government, or of an authority of a Contracting Government, the Commission shall so inform that Contracting Government or authority and consider any matters raised by that Contracting Government or authority in repect of the proposal.

# Measurements of water quantity and quality

**26. (1)** The Commission shall establish, maintain and operate an effective and uniform system—

(a) for making and recording continuous measurements of—

(i) the volumetric flow of—

(a) the River Murray, and

(b) such of the tributaries of the River Murray as are within the boundaries of each of the States, and

(ii) the volume of—

(a) the stored water, and

(b) the water stored in the Menindee Lakes Storage,

at such locations as the Commission deems necessary to determine the volume of the intake from the several portions of the drainage area of the River Murray, the volume of flow at selected locations along the River Murray and the losses from selected reaches of the River Murray, with their positions and modes of occurrence;

(b) for making and recording continuous measurements of all diversions, whether natural or artificial, or partly natural and partly artificial, from the River Murray and from its said tributaries; and

(c) for measuring and monitoring the quality of—

(i) the waters of the River Murray,

(ii) the waters of the tributaries of the River Murray at such locations at or near the confluence of each of those tributaries with the River Murray as the Commission, after consultation with the appropriate authorities of each of the Contracting Governments, deems necessary,

(iii) the stored water, and

(iv) the water stored in the Menindee Lakes Storage.

**(2)** The Commission shall not establish, maintain or operate any of the systems referred to in sub-clause 26 (1)—

(a) on or adjacent to a tributary of the River Murray without obtaining the consent of the State in whose territory that tributary lies unless that tributary is a tributary above Doctors Point or is the Darling River below Menindee, or

(b) on or adjacent to the Menindee Lakes without obtaining the consent of the State of New South Wales.

**(3)** Notwithstanding the provisions of sub-clause 26 (1), the Commission may in lieu of establishing, maintaining, or operating the systems referred to in that sub-clause—

(a) adopt the results of any measurements or monitoring made and recorded by any Contracting Government, or

# SCHEDULE—continued

(b) request the State in whose territory the relevant tributary of the River Murray or the Menindee Lakes lies to carry out such measuring or monitoring as the Commission may consider necessary.

# Water quality objectives and standards

**27.** The Commission may, in consultation with the appropriate responsible authorities of each of the Contracting Governments, formulate water quality objectives and, where appropriate, standards for any part of the River Murray and may make recommendations with respect thereto to the Contracting Governments.

# Recommendations re water quantity and quality

**28.** The Commission may make recommendations to the Contracting Governments, or to any authority, agency or tribunal of a Contracting Government, concerning any matter, including the carrying out of any works or measures by a Contracting Government, which, in the opinion of the Commission, may improve, maintain or in any way affect the quality or quantity of the waters of the River Murray or the stored water.

# Commission to be informed of new proposals

**29. (1)** Whenever a Contracting Government, or one of its authorities, is considering any proposal which may significantly affect the flow, use, control or quality of any water under the control or supervision of the Commission, that Contracting Government shall, or shall ensure that the authority shall, before deciding if the proposal shall proceed and at such a time as will enable the Commission to assess the possible effect of that proposal on the flow, use, control or quality of that water and to make representations thereon to that Contracting Government or that authority—

(a) inform the Commission of the proposal; and

(b) provide the Commission with all necessary information and data to permit it to assess the anticipated effect of the proposal on the flow, use, control or quality of the water.

**(2)** The Commission shall consult with each of the Contracting Governments, and with any authority of a Contracting Government which that Contracting Government considers is likely to consider a proposal of the type referred to in sub-clause 29 (1), with a view to reaching agreement with that Contracting Government, or that authority, as to—

(a) the types of proposals to which sub-clause 29 (1) shall be deemed to apply; and

(b) the criteria to be used in assessing those proposals to which sub-clause 29 (1) applies.

# Regard to be had to river and water management objectives

**30.** In exercising its powers under this Agreement and in implementing the provisions of Part IX, the Commission may, at its discretion, have regard to the possible effects of its decisions on any river or water management objectives.

# Protection of catchment of Hume Reservoir

**31. (1)** The Contracting Governments of the States of New South Wales and Victoria shall take effective measures to protect from erosion the portions of the catchment of the Hume Reservoir which lie within their respective States.

**(2)** Each of the said Contracting Governments shall before the end of June in each year forward a report to the Commission on the condition of the portion of the catchment of the Hume Reservoir within its territory, the measures taken and work carried out during the twelve months ending on the 31st day of March immediately preceding and particulars of the measures and works proposed for the next twelve months.

**(3)** The Commission shall, from time to time, inspect or cause to be inspected such portions of the catchment of the Hume Reservoir as it thinks fit and may indicate at any time whether in its opinion the measures taken and works carried out by the said Contracting Governments for the protection from erosion of that catchment are effective or otherwise. If, on any inspection, the Commission considers that any of those measures or works are ineffective, it shall notify the Contracting Government concerned which shall, to the extent that it may be practicable to do so, take action to make those measures and works effective.

**(4)** The measures, works and action taken or carried out by a Contracting Government pursuant to sub-clause 31 (1) or 31 (3) shall be taken or carried out at the cost of that Contracting Government.

# SCHEDULE—continued

**(5)** If at any time the Commission considers that there is need for special action to be taken for the protection from erosion of the catchment of the Hume Reservoir other than, or in addition to, the measures, works and action taken or carried out by each of the said Contracting Governments under sub-clauses 31 (1) and 31 (3), the Commission may require the Contracting Government, in whose territory the special action is to be carried out, to investigate the position and to take such special action as may be required, and authorised, by the Commission.

# PART V—CONSTRUCTION, OPERATION AND MAINTENANCE OF WORKS

# Major works subject to the Agreement

**32.** Each of the works described in Schedule A or authorised under clause 33 shall be constructed (unless already constructed under the former Agreement), maintained, operated and controlled pursuant to the provisions of this Agreement and any Acts approving the same and the construction, maintenance, operation and control of each of those works shall, subject to the provisions of this Agreement, be undertaken, in the case of the works described in Schedule A, by the Contracting Government whose name is set opposite to that work under the heading “Nominated Government” in the said Schedule, and, in the case of works authorised under clause 33, by the Contracting Government nominated in accordance with that clause.

# Authorisation of additional works

**33. (1)** In any case where the Commission is of the opinion that it is necessary for the purposes of this Agreement to construct a work in addition to those described in Schedule A, including a work which the Commission has determined is necessary to prevent the loss of the regulated flow of the River Murray and is to be constructed on or near the River Murray between the Hume Reservoir and the upstream limits of water impounded by Yarrawonga Weir or between Tocumwal and Echuca, the construction of that work may be authorised,

(a) if the estimated cost of construction of that work is not in excess of $1,000,000, by the Commission, or

(b) in any other case, by the Contracting Governments jointly,

and the provisions of this Agreement shall apply mutatis mutandis in respect of that work.

**(2)** When the construction of a work is authorised under sub-clause 33 (1), the Contracting Governments, or the Commission, as the case may be, shall also nominate which Contracting Government shall be responsible for the construction, maintenance, operation and control of that work.

# Ancillary, preventative and remedial works

**34.** On the application of a Commissioner, the Commission may, at its discretion, meet, or contribute to, the costs of, or associated with—

(a) the construction, maintenance, operation or control of,

(i) any works of a Contracting Government ancillary to the works constructed pursuant to this Agreement or the former Agreement, and

(ii) any preventative or remedial works of a Contracting Government necessitated by, or arising from, the construction or operation of works constructed pursuant to this Agreement or the former Agreement,

(b) the acquisition by a Contracting Government of any interest in land necessary for the construction, maintenance, operation or control of those ancillary, preventative or remedial works, or for the provision of flood easements, and

(c) remedying any actual or anticipated damage or injury occasioned by the construction, maintenance, operation or control of any works provided for in this Agreement or the former Agreement,

provided that the Commission shall first obtain the consent of the Contracting Governments before meeting, or contributing to, the costs of, or associated with, the construction of any ancillary, preventative or remedial work estimated to cost in excess of $250,000.

# Preparation and submission of designs, etc. for Commission approval

**35. (1)** Whenever a Contracting Government is nominated to construct a work pursuant to this agreement, that Contracting Government shall cause to be prepared and submitted to the Commission for its approval a general scheme of the work to be constructed, and before commencing the

# SCHEDULE—continued

construction of that work shall cause to be prepared and submitted to the Commission for its approval the necessary designs, specifications and estimates of that work.

**(2)** The Commission may approve the said general scheme, designs, specifications or estimates with or without alterations or additions, or may, from time to time, refer them or any of them for amendment to the Contracting Government submitting them. The construction of the work shall be carried out in accordance with the designs and specifications approved by the Commission and with any directions given by the Commission pursuant to clause 37.

**(3)** The Commission shall furnish information to the Contracting Governments in relation to the design and construction of any work estimated to cost more than $1,000,000 and work shall not proceed unless the Contracting Governments are satisfied that the design and construction of the work are in accordance with the purposes for which the work was proposed. For the purposes of this sub-clause, “design” means general design which illustrates the nature and extent of the work and “construction” implies construction in accordance with the said design.

# Commission and Government approval of certain tenders

**36. (1)** A Constructing Authority shall obtain the approval of the Commission before accepting any tender exceeding $1,000,000 in respect of any work to be constructed pursuant to this Agreement, and the approval of the Commission shall not be given without the prior approval of each of the Contracting Governments.

**(2)** If, after a tender referred to in sub-clause 36 (1) has been accepted, changes in the concept or design, or the concept and design, of the works included in that tender cause the total estimated cost of those works at the time of acceptance of the tender to rise by more than 10% above that total estimated cost, the Commission shall forthwith notify the Contracting Governments accordingly and shall direct the Constructing Authority to suspend further work unless the Contracting Governments have within six months after the Commission’s notification agreed that work should proceed.

# Directions for the efficient construction etc. of works

**37.** The Commission shall have full power to give directions to ensure the efficient construction, operation and required performance of all works constructed pursuant to this Agreement or the former Agreement and to order and direct—

(a) the rate of progress of works whether of construction or maintenance;

(b) the method and extent of maintenance of works;

(c) if necessary, what works shall be regarded as works of construction or of maintenance; and

(d) such acts and things as it considers necessary for ensuring the due observance of this Agreement;

and any directions so given shall be carried out by the Constructing Authority.

# Completion of Chowilla Reservoir

**38.** Completion of the construction of the Chowilla Reservoir referred to in Schedule A shall be deferred until the Contracting Governments agree that the work shall proceed.

# States to facilitate construction and operation within their territories

**39.** A Contracting Government within whose State any works for the purposes of this Agreement are to be, or are being, or have been, constructed by another Contracting Government, or an authority constituted or appointed for the purpose of that construction by another Contracting Government, shall grant to the Contracting Government or Constructing Authority all such powers, licences and permissions in and to the use of, or with respect to, its territory as may be necessary for the construction, maintenance, operation and control of those works and for carrying out any operations authorised by this Agreement.

# Works for benefit of State Contracting Governments

**40.** If any one of the State Contracting Governments desires to carry out on the bed of, or within the banks of, the River Murray any work other than the works provided for in this Agreement, either as a work of the State of that State Contracting Government, or as a joint work with another State Contracting Government, particulars of the proposal, including plans of the proposed work, shall be submitted by that State Contracting Government, or those State Contracting Governments, to the Commission. The Commission may approve the proposed work with or without alteration and if the proposed work provides for the storage of water or will affect the flow, use, control or quality of the waters of the River Murray, the Commission may, from time to time, stipulate conditions under which

# SCHEDULE—continued

the said work shall be operated or controlled insofar as regulation of the river flow, or the quality of water, may be affected, and the whole cost of construction, maintenance, operation and control of the said work shall be borne by the State Contracting Government or State Contracting Governments concerned, as may be agreed upon between them, and the State Contracting Government which operates and controls the work shall cause it to be operated and controlled in such manner as may, from time to time, be required by the Commission.

# Declaration that works effective

**41.** At any time after the commencement of the construction of any work described in Schedule A or authorised pursuant to sub-clause 33 (1), the Commission may declare that work to be effective for the purposes of this Agreement.

# Maintenance of works

**42.** Where a Contracting Government has been nominated to construct a work pursuant to this Agreement or the former Agreement, that Contracting Government shall maintain the work so constructed and keep the same effective for the purpose for which it was designed, unless that work shall have been declared to have become ineffective in accordance with clause 47.

# Procedures for operation and control of works

**43.** The Commission may, from time to time, determine procedures for the operation and control of works constructed pursuant to this Agreement, or the former Agreement.

# Dredging and Snagging

**44. (1)** Where any weir has been constructed pursuant to this Agreement, or the former Agreement, the Commission may from time to time, at its discretion, determine that dredging or snagging in the River upstream of that weir shall be carried out within such distance from that weir as the Commission shall determine, but not exceeding the distance to which the navigability of the River Murray is affected by that weir. The Contracting Government which constructed that weir shall, at its own cost, carry out such dredging or snagging as the Commission may determine.

**(2)** Notwithstanding the provisions of sub-clause 44 (1), the Commission may, in its absolute discretion, agree to bear the whole or part of the cost of the said dredging and snagging.

**(3)** For the purposes of this clause, “weir” includes a weir and lock or a barrage in any of the channels at the mouth of the River Murray.

# Operation and control of works

**45.** The works constructed by a Contracting Government under this Agreement, or the former Agreement, shall be operated and controlled by that Contracting Government in accordance with procedures determined by the Commission pursuant to clause 43; and that Contracting Government, in the case of a lock constructed pursuant to this Agreement, or the former Agreement, shall at all times maintain immediately upstream thereof a depth of water sufficient for navigation by vessels drawing 1.4 metres of water or such other depth of water as may be determined by the Commission under clause 105 provided that the requirement as to depth shall not apply during the time that lock is closed for maintenance or during a situation of emergency which renders it impracticable to maintain the required depth of water at that lock.

# Performance of joint duties

**46.** Where, pursuant to this Agreement, the duty of maintaining, operating or controlling any works, or of carrying out any operation, is to be performed by any two Contracting Governments jointly, any questions which may arise as to which of those Contracting Governments is to perform that duty, or to carry out that operation, shall, unless mutually agreed upon between them, be determined by the Commission.

# Ineffective works

**47.** The Commission may at any time declare that the whole or any part of any of the works constructed, maintained, operated or controlled pursuant to this Agreement, or the former Agreement, has become ineffective for the purposes of this Agreement, whereupon, if requested to do so by the Commission, the State Contracting Government responsible for the maintenance, operation and control of that work shall dismantle so much of that work as the Commission may require.

# SCHEDULE—continued

# PART VI—FINANCE

# Apportionment of costs

**48. (1)** The Contracting Governments shall share equally—

(a) the cost of—

(i) carrying out, constructing or installing the works set out in Schedule A,

(ii) the studies, programmes, surveys and investigations carried out pursuant to clause 25,

(iii) establishing systems referred to in sub-clause 26 (1) or systems established pursuant to a request made under paragraph 26 (3) (b),

(iv) special action taken under sub-clause 31 (5) which the Commission has determined pursuant to sub-clause 48 (4) shall be borne by the Contracting Governments in equal shares,

(v) constructing the works authorised under sub-clause 33 (1) unless the Contracting Governments have entered into an agreement under sub-clause 48 (3),

(vi) complying with a direction given under sub-clause 36 (2), and

(vii) dismantling the works referred to in clause 47,

(b) the costs associated with the work of a committee which the Commission has decided under sub-clause 21 (3) are to be borne by the Contracting Governments,

(c) the amount of any payment made by the Commission

(i) under clause 34 but not including the amount of any payment made in respect of the maintenance, operation or control of the works of a Contracting Government referred to in paragraph 34 (a), (b) or (c), and

(ii) under paragraph 114 (a), and

(d) the administrative and other expenses of the Commission which are not included under paragraphs 48 (1) (a), (b) or (c).

**(2)** The State Contracting Governments shall share equally—

(a) the cost of maintaining, operating and controlling—

(i) the works set out in Schedule A,

(ii) systems referred to in sub-clause 26 (1) or systems established pursuant to a request made under paragraph 26 (3) (b), and

(iii) the works authorised under sub-clause 33 (1) unless the Contracting Governments have entered into an agreement under sub-clause 48 (3),

(b) the costs associated with the work of a committee which the Commission has decided under sub-clause 21 (3) are to be borne by the State Contracting Governments,

(c) the cost of special action taken under sub-clause 31 (5) which the Commission has determined pursuant to sub-clause 48 (4) shall be borne by the State Contracting Governments in equal shares,

(d) the amount of any payment made by the Commission in respect of the maintenance, operation or control of the works of a Contracting Government referred to in paragraph 34 (a), (b) or (c),

(e) such costs of dredging or snagging carried out under clause 44 as the Commission has agreed to pay, and

(f) the amount of any payment made by the Commission under paragraph 114 (b).

**(3)** The Contracting Governments may agree that the costs of constructing, maintaining, operating and controlling the works referred to in sub-clause 33 (1) shall be borne by one or more of the Contracting Governments in such shares as may be agreed.

**(4)** Whenever any special action is taken under sub-clause 31 (5), the Commission shall determine whether the cost of that special action is to be borne by the Contracting Governments in equal shares or by the State Contracting Governments in equal shares.

# Financial year

**49.** The financial year of the Commission shall commence on the first day of July in one year and finish on the 30th day of June in the succeeding year.

# SCHEDULE—continued

# Detailed estimates of expenditure

**50. (1)** In the month of March in each year the Commission shall prepare detailed estimates (being estimates in such form as may from time to time be agreed by the Commission and the Contracting Governments) of its known and anticipated expenditure for the forthcoming financial year under the following heads—

(a) the matters referred to in paragraphs 48 (1) (a), (b) and (c),

(b) the matters referred to in sub-clause 48 (2),

(c) the matters referred to in paragraph 48 (1) (d), and

(d) all other expenses of the Commission not included under paragraphs 50 (1) (a), (b) or (c).

**(2)** The detailed estimates of expenditure shall show the share to be contributed by each Contracting Government.

**(3)** Prior to the 31st day of March in each year, the Commission shall forward a copy of the detailed estimates of expenditure to each of the Contracting Governments.

# Excess expenditure

**51. (1)** If, in the opinion of the Commission, it is necessary in any financial year to provide for any expenditure in excess of the amount set out in the detailed estimates of expenditure and for which provision cannot be made under sub-clause 64 (2), the Commission shall prepare a detailed estimate of that excess expenditure (being an estimate in such form as may from time to time be agreed by the Commission and the Contracting Governments) showing the share to be contributed by each Contracting Government.

**(2)** A copy of the detailed estimate of excess expenditure shall be forwarded to each Contracting Government.

# Forward estimates

**52. (1)** Whenever the Commission prepares a detailed estimate of expenditure under clause 50 in respect of a financial year, it shall, at the same time, prepare forward estimates of its known and anticipated expenditure in respect of the three year period comprising that financial year and the two financial years next ensuing after that financial year.

**(2)** Each forward estimate shall be in the same form as a detailed estimate of expenditure prepared under clause 50 and the Commission shall forward a copy thereof to each Contracting Government prior to the 31st day of March in each year.

# Payments by Contracting Governments

**53.** Each Contracting Government shall provide the share to be contributed by it under the detailed estimates of expenditure or a detailed estimate of excess expenditure and shall pay so much of the same as is required by the Commission before the expiration of the twelve month period to which those estimates apply, provided that the Commission shall not require the payment of moneys relating to the construction of the works referred to in sub-clause 33 (1) until the construction of those works has been authorised in accordance with that sub-clause.

# Payments by Commission to States

**54. (1)** In accordance with the detailed estimates of expenditure or a detailed estimate of excess expenditure prepared by the Commission pursuant to clause 50 or 51, the Commission shall in each year pay to any Constructing Authority required by this Agreement to construct, maintain, operate or control any works or to carry on any operation an amount sufficient to defray the cost to be incurred by that Constructing Authority for those purposes in that year or, in the case of the cost referred to in paragraph 114 (b), three-quarters of that cost.

**(2)** The amounts to be paid to a Constructing Authority pursuant to sub-clause 54 (1) shall be paid at such times and in such manner as may be agreed between the Commission and that Constructing Authority provided that no amount shall be paid to a Constructing Authority for construction of works referred to in sub-clause 33(1) until the construction of those works has been authorised in accordance with that sub-clause.

# Unexpended balances

**55. (1)** Whenever any moneys, which have been paid to the Commission by a Contracting Government pursuant to clause 53, remain unexpended at the end of the financial year in respect of which they were paid, those moneys shall be retained by the Commission but shall cease to be available

# SCHEDULE—continued

for expenditure by the Commission in accordance with the estimates of expenditure for that financial year.

**(2)** The Commission shall, within a reasonable time after the commencement of the next financial year, furnish details of the unexpended moneys to that Contracting Government and notify that Contracting Government that it now holds the unexpended moneys as part of the share to be contributed under clause 53 by that Contracting Government for the next financial year.

**(3)** On giving the notice referred to in sub-clause 55 (2), the unexpended moneys shall become available for expenditure in accordance with the estimates of expenditure for the next financial year.

**(4)** For the purposes of this clause:

“the estimates of expenditure” means a detailed estimate of expenditure, or a detailed estimate of excess expenditure, or both, as the case may require,

“the next financial year” means the financial year next following the financial year referred to in sub-clause 55 (1), and

“the unexpended moneys” means the unexpended moneys referred to in sub-clause 55 (1).

# Disposal of surplus assets

**56.** The Commission shall, whenever appropriate, determine the time and manner of disposal of surplus assets acquired by the Commission, or by a Constructing Authority with funds made available by the Commission, and shall also determine the manner in which the proceeds from that disposal shall be distributed among the Contracting Governments.

# Proper accounts to be kept

**57.** The Commission shall cause to be kept proper accounts and records of the transactions and affairs of the Commission and shall do all things necessary to ensure that all payments out of its moneys are correctly made and properly authorised and that adequate control is maintained over the assets of, or in the custody of, the Commission and over the incurring of liabilities by the Commission.

# List of assets

**58.** The Commission shall cause to be kept a list of the assets acquired by—

(a) the Commission, and

(b) a Constructing Authority with funds made available by the Commission

provided that, if the Commission is satisfied that proper records of the assets acquired by a Constructing Authority with funds made available by the Commission are kept by that Constructing Authority and that copies of those records will be made available to the Commission whenever the Commission so requests, the Commission may decide not to keep a list of those assets.

# Audit

**59. (1)** The accounts and records of financial transactions of the Commission and records relating to assets of, or in the custody of, the Commission

(a) shall, at least once in each year, be inspected and audited by the Commonwealth auditor, who shall forthwith draw the attention of each Contracting Government to any irregularity disclosed by the inspection and audit that is, in his opinion, of sufficient importance to justify his so doing, and

(b) may at any reasonable time, be inspected and audited by a State auditor.

**(2)** The Commonwealth auditor may, at his discretion, dispense with all or any part of the detailed inspection and audit of any accounts or records referred to in sub-clause 59 (1).

**(3)** The Commission shall, at all reasonable times, allow the Commonwealth auditor, or a State auditor, or a person authorised by either of them, to have full and free access to all accounts and records of the Commission relating directly or indirectly to the receipt or payment of moneys by the Commission or to the acquisition, receipt, custody or disposal of assets by the Commission.

**(4)** The Commission shall permit the Commonwealth auditor or a State auditor, or a person authorised by either of them, to make copies of, or take extracts from, any such accounts or records.

**(5)** The Commission shall, and shall ensure that its officers shall, furnish to the Commonwealth auditor, a State auditor, or a person authorised by either of them, such information in the possession of the Commission or any of its officers, or to which the Commission or that officer has access, as the Commonwealth auditor, a State auditor or authorised person considers necessary for the purposes of the functions of the Commonwealth auditor or a State auditor under this clause.

# SCHEDULE—continued

**(6)** A report of the result of any inspection and audit under this clause shall be furnished to each Contracting Government and to the Commission by the person making that inspection and audit.

# Commission to account

**60.** The Commission shall account to the Contracting Governments for all moneys received by the Commission from the Contracting Governments under or for the purposes of this Agreement.

# Contracting Governments to account

**61.** Each Contracting Government shall, and shall ensure that an authority of that Contracting Government shall, account to the Commission for all moneys received by that Contracting Government, or that authority, from the Commission under or for the purposes of this Agreement.

# Bank accounts

**62. (1)** The Commission may open and maintain an account or accounts with a bank or banks selected by the Commission and shall maintain at all times at least one such account.

**(2)** The Commission shall pay all moneys received by it into an account referred to in sub-clause 62 (1).

# Investment

**63. (1)** Moneys of the Commission not immediately required for the purposes of this Agreement may be invested by the Commission on fixed deposit with a bank selected by the Commission.

**(2)** Any interest received by the Commission on moneys invested pursuant to sub-clause 63 (1) shall be retained by the Commission until the end of the financial year in which it was received and,

(a) if the moneys in respect of which that interest was received were contributed by all the Contracting Governments, or by a State Contracting Government pursuant to clause 65, distribute that interest to the Contracting Governments in equal shares, and

(b) if the moneys in respect of which that interest was received were contributed only by the State Contracting Governments, or by one of them pursuant to clause 66, distribute that interest to the State Contracting Governments in equal shares.

**(3)** The Commission may agree with a Contracting Government that, instead of distributing to that Contracting Government the moneys it would be entitled to receive under sub-clause 63 (2), the Commission shall retain those moneys and set them off against the amounts to be paid under clause 53 by that Contracting Government to the Commission during the next financial year.

# Application of moneys by Commission

**64. (1)** Subject as hereinafter provided in this clause, the Commission shall apply moneys received by it pursuant to clause 53 only in accordance with the detailed estimates of expenditure or the detailed estimates of excess expenditure, as the case may be.

**(2)** (a) For the purposes of this sub-clause—

“estimated amount” in respect of the first item or the second item means the amount set opposite to that item in a detailed estimate of expenditure as the amount to be expended on that item in the financial year to which that detailed estimate of expenditure relates,

“the first item” means an item appearing under one of the heads set out in sub-clause 50 (1) in the same detailed estimate of expenditure in which the estimated amount appears, and

“the second item” means an item, not being the first item, appearing in the same detailed estimate of expenditure and under the same head as the first item.

(b) If the Commission is satisfied that, in a financial year,

(i) the actual amount required to be expended on the first item shall be less than the estimated amount for that item, and

(ii) the actual amount required to be expended on the second item shall be greater than the estimated amount for that item

the Commission may, at its discretion, expend on the second item so much of the estimated amount for the first item as is not required for expenditure on the first item.

**(3)** The Commission shall, at the end of each financial year, notify to the Contracting Government details of moneys it has expended pursuant to sub-clause 64 (2) during that financial year.

# SCHEDULE—continued

**(4)** When, in any financial year, a detailed estimate of excess expenditure has been prepared and forwarded to each Contracting Government in accordance with clause 51 that detailed estimate of excess expenditure shall, for the purposes of sub-clause 64 (2), be read as being incorporated in, and forming part of, the detailed estimate of expenditure for the same financial year.

# Revenue

**65.** If a Contracting Government or an authority of that Contracting Government receives moneys (other than tolls referred to in clause 66) from any person arising out of the use by that person of any works constructed for the purposes of this Agreement or the former Agreement, that Contracting Government shall, or shall ensure that that authority shall, pay those moneys to the Commission which shall retain them until the end of the financial year in which they were received by the Commission when the Commission shall distribute those moneys to the Contracting Governments in equal shares.

# Tolls

**66. (1)** A State Contracting Government shall collect all tolls which are prescribed by the Commission for the use of weirs and locks which have been constructed for the purposes of this Agreement or the former Agreement and which are operated and controlled by that State Contracting Government pursuant to clause 45 and shall not otherwise collect tolls in respect of navigation on the River Murray.

**(2)** Whenever a State Contracting Government collects a toll prescribed by the Commission, it shall pay the amount collected without deduction to the Commission which shall retain that amount until the end of the financial year in which it was received by the Commission when the Commission shall distribute that amount to the State Contracting Governments in equal shares.

# Compensation for damage by works

**67.** Where, pursuant to any Act approving this Agreement, a Constructing Authority has made compensation for any damage occasioned by, or arising out of, anything done by it in constructing, maintaining, operating or controlling any works provided for in this Agreement, the amount of that compensation, to the extent that it has not been met, or contributed to, by the Commission under paragraph 34 (c), shall be contributed by the Contracting Governments in equal shares.

# PART VII—REPORTS

# Preparation of reports

**68. (1)** The Commission shall, as soon as practicable after the 30th day of June in each year, prepare and submit to each of the Contracting Governments in respect of the financial year ending on that date its financial statements together with a report as to—

(a) its proceedings;

(b) the operations carried on by it or under its orders, with particular reference to

(i) the measurement of the flow of the River Murray and its tributaries,

(ii) the measurement and monitoring of the quality of water, and

(iii) deliveries of water;

(c) the effect of the diversions to the said 30th day of June on the flow of the River Murray and its tributaries;

(d) the construction, operation and maintenance of all works constructed pursuant to this Agreement or the former Agreement;

(e) its administration generally; and

(f) the condition of the catchment of the Hume Reservoir and any action taken by the Commission to protect from erosion the catchment thereof pursuant to clause 31.

(2) Before submitting financial statements to the Contracting Governments, the Commission shall submit them to the Commonwealth auditor who shall report to each of the Contracting Governments—

(a) whether, in his opinion, the statements are based on proper accounts and records,

(b) whether the statements are in agreement with the accounts and records,

(c) whether, in his opinion, the receipt, expenditure and investment of moneys, and the acquisition and disposal of assets, by the Commission during the year have been in accordance with this Agreement, and

# SCHEDULE—continued

(d) as to such other matters arising out of the statements as the Commonwealth auditor considers should be reported to the Contracting Governments.

**(3)** Reports and statements to be submitted pursuant to sub-clause 68 (1) shall be addressed to the Governor-General or the Governor (as the case may require).

# PART VIII—PROCEEDINGS IN DEFAULT

# Failure to perforin works or contribute cost

**69. (1)** If any Contracting Government (in this clause called “the defaulting Government”) whose duty it is under this Agreement, or under any direction issued in accordance with this Agreement, to construct, or to continue the construction of, or to maintain, operate or control, any works, or to carry on any operation, or to make a payment to the Commission which it is required to make under clause 53, refuses or neglects to do so after being thereunto required by the Commission, the Commission shall immediately notify to each of the other Contracting Governments particulars of the default.

**(2)** If the default relates to the construction of, or to the continuation of the construction of, or to the maintenance, operation or control of, any works, or to the carrying on of any operation, the Contracting Governments that are not in default and each of them, with the approval of the Commission,

(a) may, without prejudice to their or its other rights under this Agreement, enter upon the territory of the defaulting Government and construct, or continue and complete the construction of, or maintain, operate or control, the whole of those works (or any part thereof specified by the Commission), or carry on that operation (or any part thereof specified by the Commission) and shall be deemed to have all such powers, licences and permissions as are required from the defaulting Government to construct, maintain, operate or control those works or to carry on that operation and shall be entitled, in place of the Constructing Authority required by this Agreement to construct, maintain, operate or control those works, or to carry on that operation, to receive the moneys payable to that Constructing Authority under clause 54 in respect of that construction, maintenance, operation, control or carrying on, and

(b) may, in any court of competent jurisdiction, recover as a debt from the defaulting Government all moneys reasonably expended by them or it in doing any of the things referred to in paragraph 69 (2) (a) in excess of the moneys paid to them or it by the Commission under that paragraph, together with interest thereon at the prescribed rate.

**(3)** For the purpose of any act or thing to be done under sub-clause 69 (2), the Contracting Governments that are not in default and each of them shall have the rights and powers of a Constructing Authority, but the defaulting Government shall, on the completion of such act or thing and the payment of all moneys payable by it under sub-clause 69 (2), be deemed to be the Constructing Authority.

**(4)** If the defaulting Government defaults in the payment by the due date for payment of a sum of money which it is required under clause 53 to pay to the Commission, the defaulting Government shall be liable to pay interest to the Commission on the amount of the overdue payment at the prescribed rate, and the Contracting Governments that are not in default and each of them shall have the right (but not the obligation) at any time to pay to the Commission any unpaid sum with accrued interest thereon on behalf of the defaulting Government. Any amount paid by a Contracting Government not in default on behalf of the defaulting Government (together with interest thereon at the prescribed rate calculated from the date of such payment to the Commission by the Contracting Government that is not in default) shall constitute a debt due and payable by the defaulting Government to the Contracting Government that made the payment and shall be recoverable accordingly in any court of competent jurisdiction.

**(5)** Any interest received by the Commission under this clause shall be paid—

(i) to the Contracting Governments not in default in equal shares, if the moneys in respect of which the interest was received were moneys which the defaulting Government was required to pay in respect of any of the matters referred to in sub-clause 48 (1), or

(ii) to the State Contracting Governments not in default in equal shares, if the moneys in respect of which the interest was received were moneys which the defaulting Government was required to pay in respect of any of the matters referred to in sub-clause 48 (2).

# SCHEDULE—continued

**(6)** For the purposes of this clause, “the prescribed rate” shall be a rate of 2% per annum above the maximum overdraft rate fixed by the Reserve Bank of Australia for amounts of $100,000 or less and applicable at the time payment became due or, if no rate is so fixed, a rate of 4% per annum above the rate payable on Commonwealth securities of the longest term offered for public subscription in Australia for the Commonwealth cash loan opened next before the time the payment became due.

**(7)** Any interest payable under this clause shall be calculated from the due date for payment of the said sum to the date of actual payment, whether payment is made by the defaulting Government or on its behalf.

# PART IX—DISTRIBUTION OF WATERS

#### Division 1—Interpretation

# Definitions

**70.** For the purposes of this Part only—

“period of restriction” means a period of restriction declared under clause 104;

“upper river” means the aggregate of: —

(a) the main course of the River Murray upstream of the eastern boundary of the State of South Australia;

(b) all tributaries entering the said main course upstream of Doctors Point:

(c) all effluents and anabranches of the said main course, excepting such as may be excepted by the Commission;

(d) the water courses connecting Lake Victoria to the said main course;

(e) the Darling River downstream of Menindee;

(f) the Great Darling Anabranch; and

(g) the upper river storages;

“upper river storages” means Lake Victoria, the Menindee Lakes Storage, and the storages formed by Dartmouth Dam, Hume Dam and by those weirs, and weirs and locks, described in Schedule A which are situated upstream of the eastern boundary of the State of South Australia;

‘“upper States” means the States of New South Wales and Victoria;

“water available for release at the direction of the Commission” means water physically capable of being released from a storage other than water the release of which cannot be required by virtue of sub-clause 82 (1).

# Post Chowilla

**71.** Upon the Chowilla Reservoir being declared to have become effective for the purposes of this Agreement—

(a) the provisions of this Part shall be construed as if—

(i) in the definition of “upper river”, the words “Chowilla Reservoir outlet” were substituted for the words “eastern boundary of the State of South Australia”;

(ii) in sub-clause 72 (1), the words “Water released from and water diverted by the State of South Australia from the Chowilla Reservoir” were substituted for the words “Water flowing in the River Murray past the eastern boundary of the State of South Australia”;

(iii) sub-clause 72 (2) and clause 75 were deleted;

(iv) in sub-clause 78 (3) and clauses 85 and 104, the words “Chowilla Reservoir” were substituted for the words “Lake Victoria”.

(b) until the Lake Victoria works are declared to have become ineffective for the purposes of this Agreement, the provisions of this Part shall be construed as if—

(i) in the definition of “upper river storages”, the words “Chowilla Reservoir,” were inserted before the words “Lake Victoria”;

(ii) in paragraph 106 (b), the words “the Chowilla Reservoir and” were inserted before the words “Lake Victoria”; and

(c) upon the Lake Victoria works being declared to have become ineffective for the purposes of this Agreement, the provisions of this Part shall be construed as if—

(i) in the definition of “upper river”, paragraph (d) were deleted;

# SCHEDULE—continued

(ii) in the definition of “upper river storages”, the words “Chowilla Reservoir” were substituted for the words “Lake Victoria”;

(iii) in paragraph 106 (b), the words “Chowilla Reservoir” were substituted for the words “Lake Victoria”.

#### Division 2—State Entitlements to Water

# Measurement of South Australia’s entitlement

**72. (1)** Water flowing in the River Murray past the eastern boundary of the State of South Australia shall be deemed to be supplied to and received by that State.

**(2)** The quantity of water so flowing in any month shall be deemed to be the sum of the quantities, as determined by the Commission by appropriate measurements, flowing in the same month in—

(i) the River Murray between the confluences of the Rufus and Lindsay Rivers with the River Murray, and

(ii) the Lindsay River near its confluence with the River Murray

or shall be determined in such other manner as the Commission may from time to time decide.

# South Australia’s monthly entitlement

**73.** The State of South Australia shall be entitled to receive—

(a) at times other than a period of restriction, the following monthly quantities:

July 108,500 megalitres

August 124,000 megalitres

September 135,000 megalitres

October 170,500 megalitres

November 180,000 megalitres

December 217,000 megalitres

January 217,000 megalitres

February 194,000 megalitres

March 186,000 megalitres

April 135,000 megalitres

May 93,000 megalitres

June 90,000 megalitres

(b) during a period of restriction, monthly quantities equal to the lesser of:—

(i) the monthly quantities to which the State of South Australia is entitled under clause 108, and

(ii) the monthly quantities set out in paragraph 73 (a) for the months occurring in that period.

# Variation of South Australia’s entitlements

**74.** The Commission may from time to time, at the request of the Commissioner for South Australia, vary for a specified sequence of months any of the monthly quantities which that State is entitled to receive under clause 73 without increasing the total of those quantities for that sequence.

# Use of Lake Victoria

**75.** If the Commission decides that the flow or prospective flow of the River Murray downstream of its junction with the Great Darling Anabranch is, or will be for any month in excess of the sum of—

(a) the quantities which the State of South Australia is entitled to receive in that month under clause 73 or 74;

(b) any quantities which, in the opinion of the Commission, ought to be and can be impounded in Lake Victoria during that month with the object of filling that storage at some time before the end of the next ensuing month of May; and

(c) any quantities required for use by the upper States, downstream of the junction of the River Murray and the Great Darling Anabranch,

the State of South Australia may receive that excess in addition to the quantity of water which it is entitled to receive under clause 73 or 74.

# SCHEDULE—continued

# Surplus flow to South Australia

**76.** The quantity of water that the State of South Australia is entitled to receive in any month shall not be diminished by reason of it having received in any previous month a greater quantity than it was entitled to receive under clause 73 or 74.

# Entitlements of New South Wales and Victoria

**77. (1)** Subject to the supply to the State of South Australia of the quantities of water that that State is entitled to receive under clause 73 or 74, each of the upper States shall, except as otherwise expressly provided in Division 4 of this Part, be entitled to:

(a) the full use of all tributaries in its territory flowing to but not forming part of the upper river and shall have the right to divert, store and use the flows thereof, before their entry to the upper river;

(b) half the waters of the upper river upstream of Doctors Point, including any waters diverted thereto by works of the Authority.

(c) half the waters entering the Menindee Lakes from the Darling River, subject to the prior entitlement of the State of New South Wales to use water from the Menindee Lakes Storage as provided in clause 78; and

(d) subject to paragraph 77 (1) (c), the full use from the upper river of water arriving at the point of use and contributed by any tributary, or any outfall approved by the Commission, entering the upper river from its territory downstream of Doctors Point;

**(2)** Entitlements under sub-clause 77 (1) shall not be affected by the declaration of a period of restriction except as specifically provided in clause 95 and Division 5 of this Part.

# New South Wales’ entitlement to water from Menindee Lakes

**78. (1)** At any time after the quantity of water stored in the Menindee Lakes Storage is reduced to less than 480,000 megalitres and until the quantity of water so stored next exceeds 640,000 megalitres, the State of New South Wales may use the water so stored as it requires.

**(2)** At any time when sub-clause 78 (1) does not apply, the State of New South Wales may as it requires divert from or release from the water stored in the Menindee Lakes Storage 125,000 megalitres in any period of 12 months commencing on the first day of July.

**(3)** During any period for which the Commission determines that the spills from the Menindee Lakes Storage exceed the amount required by the Commission for storage in Lake Victoria and to supply the State of South Australia’s entitlement, including any period when water is being released from the Menindee Lakes Storage solely to provide space for the retention of floodwaters, any water diverted by the State of New South Wales from the Menindee Lakes Storage or from water spilling therefrom or released therefrom to provide space for the retention of floodwaters shall not be considered as diverted from that State’s entitlement under sub-clause 78 (2).

# New South Wales’ and Victoria’s supply to South Australia

**79.** From the waters available to them under clauses 77 and 78, the upper States shall contribute, in equal proportions, the quantities of water which the State of South Australia is entitled to receive under clause 73 or 74.

# Limitations on use by New South Wales and Victoria

**80.** Unless the Commission otherwise agrees, neither of the upper States shall use water from the upper river to the extent that, at the 31st day of May next ensuing, the volume of water in the upper river storages and allocated to that State will be less than half the volume of the reserve determined under clause 85.

#### Division 3—Control by Commission

# Commission’s role in operation of storages

**81. (1)** Release of water from the upper river storages shall be in accordance with such directions as the Commission may issue from time to time. Without limiting the generality of clauses 43 and 45, the Commission may issue such directions in the form of standing procedures and, subject to clause 84, may at any time amend or suspend the whole or any part of such procedures.

# SCHEDULE—continued

**(2)** In determining any direction to be issued under this clause—

(a) the Commission shall have regard to—

(i) maintaining the supply to the State of South Australia of the quantities of water that that State is entitled to receive,

(ii) maintaining a reserve of water as provided for in clause 85, and

(iii) facilitating the exercise by the upper States, as they require, of their respective rights to use water from the upper river, and

(b) subject to clause 83, the Commission may have regard to—

(i) the improvement or maintenance of the quality of the waters in the upper river or in the River Murray downstream of the eastern boundary of the State of South Australia, and

(ii) the pursuit of any other water management objectives consistent with this Agreement.

# Limitations on Menindee Lakes operation

**82. (1)** No direction under clause 81 shall require the release of water from the Menindee Lakes Storage at any time after the volume of water stored therein is reduced to less than 480,000 megalitres until that volume next exceeds 640,000 megalitres.

**(2)** Any direction of the Commission requiring the release of water from the Menindee Lakes Storage when sub-clause 82 (1) does not apply, shall be determined by a majority vote of the four Commissioners or, if the four Commissioners are equally divided, by the casting vote of the Commissioner for the Commonwealth.

# Accounting for releases for dilution

**83. (1)** No direction under clause 81 issued solely for the purposes referred to in paragraph 81 (2) (b) shall require the release of water from any upper river storage, unless—

(a) the release of water is in accordance with sub-clause 83 (2) or 83 (3), or

(b) the Commission has determined how much of the volume to be released under its direction is to be contributed from water allocated respectively to the States of New South Wales and Victoria. In such a determination the Commission shall have consideration to the quality of the water entering the upper river below Doctors Point.

**(2)** The flow passing Torrumbarry Weir shall, as far as possible, be regulated so as to prevent the electro-conductivity of the river water at Swan Hill exceeding 500 microsiemens per centimetre at twenty-five degrees Celsius, but, unless the Commission directs otherwise, such flow shall not be required to exceed 3,900 megalitres per day except when needed to meet downstream water requirements.

**(3)** The flow passing Euston Weir shall, as far as possible, be regulated so as to prevent the electro-conductivity of the river water at Merbein exceeding 500 microsiemens per centimetre at twenty-five degrees Celsius, but, unless the Commission directs otherwise, such flow shall not be required to exceed 2,450 megalitres per day plus the combined diversion requirements of the pumping districts of Red Cliffs, First Mildura Irrigation Trust, Merbein, Coomealla and Curlwaa, except when needed to meet downstream water requirements.

# Procedures for Dartmouth Dam operation

**84.** Insofar as procedures for the operation and control of Dartmouth Reservoir affect the release of water through the power station of that Reservoir, the Commission may not amend such procedures or, except in an emergency, suspend any part of such procedures, without prior consultation with the State Electricity Commission of Victoria and the Constructing Authority for Victoria.

# Reserve storage

**85.** The Commission may from time to time determine the volume of a reserve of water to be held in the upper river storages at the 31st day of May next ensuing; provided that, unless the Commission otherwise determines, the volume of such reserve shall be 2,500,000 megalitres of which not less than 250,000 megalitres shall be in Lake Victoria.

# Use of State Works to convey Murray water

**86.** Subject to such terms and conditions as may be agreed between the Commission and an upper State, the Commission may arrange for the conveyance of water from one part to another of the upper river via works under the control of that State.

# SCHEDULE—continued

#### Division 4—Water Accounting

# General

**87.** For the purpose of giving effect to the principles set out in the preceding Divisions of this Part, the following provisions shall apply.

# Allocation of water to New South Wales and Victoria

**88. (1)** In respect of any period, a quantity of water estimated by the Commission as—

(a) the quantity of water which would have flowed in the River Murray past Doctors Point in that period but for the effect during that period of diversions to or from, and impoundments on, the upper river upstream of Doctors Point, plus

(b) the quantity of water diverted by works of the Authority to the upper river upstream of Doctors Point from beyond the natural boundaries of the catchment thereof

shall be allocated between the upper States as provided in sub-clause 88 (2).

**(2)** The quantity of water estimated for any month in accordance with sub-clause 88 (1) shall be allocated as follows—

(a) for any of the months from May through to August inclusive, the whole quantity shall be allocated half each to the States of New South Wales and Victoria;

(b) for any of the months from September through to April inclusive;

(i) during any period of restriction, the first 12,900 megalitres per month (being equivalent to the ceding by the State of Victoria to the State of New South Wales of a volume of 6,450 megalitres per month), and

(ii) at any other time, the first 16,700 megalitres per month (being equivalent to the ceding by the State of Victoria to the State of New South Wales of a volume of 8,350 megalitres per month)

shall be allocated to the State of New South Wales, and the remainder shall be allocated half each to the States of New South Wales and Victoria.

# Allocation of water in Menindee Lakes Storage

**89.** Of the quantity of water which in any period enters the Menindee Lakes Storage from the Darling River, an amount shall be allocated to the State of New South Wales equal to the amount to which that State is entitled during that period under sub-clause 78 (1) or 78 (2) and the remainder shall be allocated half each to the States of New South Wales and Victoria.

# Tributary inflows

**90.** The quantity of water which in any period enters the upper river downstream of Doctors Point from a tributary, or from any artificial outfall approved by the Commission for the purposes of this clause, other than quantities referred to in clause 89, shall be allocated to the upper State from which the water enters the upper river.

# Use by New South Wales and Victoria of allocated water

**91.** Any quantity of water diverted from the upper river by offtakes under the jurisdiction of an upper State shall be deemed to be used by that State, unless otherwise determined by the Commission.

# Snowy diversions out of Murray catchment

**92.** Any quantity of water diverted by works of the Authority from the Tooma River to the Eucumbene Storage and the Tumut River or from the Geehi River to the Snowy River shall be deemed to be used half each by the upper States.

# Losses

**93.** Any quantity of water which is lost by evaporation or percolation or other means from the upper river shall be deemed to be used by the upper States and, unless otherwise determined by the Commission, shall be deemed to be used half each by those States or in such proportions as the Commission may from time to time determine.

# New South Wales’ and Victoria’s supply to South Australia

**94.** For the purposes of this Division any quantity of water supplied to the State of South Australia in any month and which that State is entitled to receive under clause 73 or 74 shall be deemed to be supplied half each by the upper States and the Commission shall make appropriate adjustments to

# SCHEDULE—continued

allocations between the upper States of water in the upper River so as to give effect to those States’ obligations under clause 79.

# Deferment of continuous accounting of carryover of stored water

**95.** Unless the Commission otherwise determines, the quantity of water in the upper river storages, being water available for release at the direction of the Commission—

(a) at the commencement of any period of restriction, and

(b) at the 1st day of July in every year in which a period of restriction does not exist on the 1st day of July

shall be deemed to be water allocated half each to the upper States.

# Reallocation of water between upper States

**96. (1)** By agreement between the Commissioners for New South Wales and Victoria, any quantity of water allocated to one upper State and in store in any of the upper river storages or in transit in a specified part of the upper river, may be exchanged for a quantity of water allocated to the other upper State and in store in another of the upper river storages or in transit in another specified part of the upper river, if such an exchange of water does not prejudice the entitlement of the State of South Australia.

**(2)** The Commission may at any time, with the consent of an upper State, determine that certain quantities of water in transit in the upper river are surplus to the requirements of that State and reallocate the whole or part of such quantities from that State to the other upper State.

# Accounting for quality of inputs from State tributaries and for Snowy Scheme

**97. (1)** The quantities of water allocated to the upper States may be adjusted by the Commission having regard to the quality of each State’s tributary inputs to the upper river. To this end, the Commission shall as soon as practicable bring into effect, and may from time to time amend, rules for the adjustment of the quantities of water allocated to the States of New South Wales and Victoria having regard to the quality of water entering the upper river downstream of Doctors Point from tributaries and from any artificial outfalls.

**(2)** The Commission may adjust the quantities of water allocated to the States of New South Wales and Victoria under paragraph 88 (1) (b) having regard to any extraordinary aspects of operation of the Snowy Scheme.

# To provide efficient regulation of the Murray River

**98.** Any water used by an upper State or supplied to the State of South Australia by an upper State, shall be deemed to be provided from water allocated to that upper State and the Commission may as necessary to ensure the availability of appropriately allocated water at the place of such use or supply, reallocate quantities of water in the upper river but shall not thereby alter the total quantities of water allocated to the respective upper States in the upper river.

# Accounting procedures

**99.** Subject to clauses 95, 96, 97 and 98, the quantity of water in any part of the upper river and which is allocated to an upper State shall be deemed—

(a) to increase in any period by the quantity of water allocated to that State flowing into that part in that period, and

(b) to decrease in any period by any quantities of water—

(i) used by that State by way of diversion or loss from that part in that period, or

(ii) passed from that part in that period for

downstream use by that State,

supply by that State to the State of South Australia,

conveyance to another part of the upper river as water allocated to that State, or

(iii) released from that part in that period and determined or deemed under paragraph 83 (1) (b) or clause 103 to be a release of water allocated to that State, or

(iv) spilled from that part in that period and deemed under clause 100 to be a spill of water allocated to that State.

# SCHEDULE—continued

# Accounting for spill from storages

**100.** Any quantity of water which is spilled from any of the upper river storages, including water released solely to provide space for the retention of floodwaters, shall be deemed to be water spilled out of the waters allocated to the respective upper States, in such proportions as equalizes or tends most to equalize the remaining quantities of water allocated to the respective upper States in that storage.

# Accounting for releases through Dartmouth Dam Power Station

**101.** Any quantity of water which is released from Dartmouth Reservoir through the hydro-electric power station shall be deemed to be released from waters allocated to the respective upper States—

(a) in such proportions as equalizes, or tends most to equalize, the remaining quantities of water allocated to the respective upper States in that reservoir, if the water is released when the storage level in Dartmouth Reservoir is above such level as the Commission may from time to time determine for the purposes of this paragraph, or

(b) in equal proportions, if the water is released otherwise than in the circumstances referred to in paragraph 101 (a).

# Reallocation of water in Menindee Lakes Storage

**102.** At the conclusion of any period during which sub-clause 78 (1) applies, the quantities of water stored in the Menindee Lakes Storage and allocated respectively to the Stales of New South Wales and Victoria shall be adjusted so that the difference between those quantities becomes the same as the difference in the allocated quantities as at the beginning of that period.

# Dilution at Swan Hill and Merbein

**103.** Until rules have been brought into effect under sub-clause 97 (1), any quantity of water released from an upper river storage in accordance with sub-clause 83 (2) or 83 (3) and in excess of requirements for use by the upper States and for supply to the State of South Australia shall be deemed to be released in equal proportions from water allocated to the upper States, unless otherwise determined by the Commission.

#### Division 5—Periods of Restriction

# Declaration of restrictions

**104.** The Commission may at any time declare a period of restriction for a specified period of whole months ending not before the 31st day of May next ensuing and may subsequently amend any such declaration, but the Commission shall declare a period of restriction unless it is satisfied that the quantities of water available for release at the direction of the Commission from the upper river storages will not be, at the 31st day of May then next ensuing, below 2,500,000 megalitres of which not less than 250,000 megalitres will be in Lake Victoria or unless it resolves that it is not necessary to do so.

# Variation of navigation depths during restrictions

**105.** When a period of restriction has been declared by the Commission pursuant to clause 104, the Commission may vary the provisions of clause 45 respecting the depth of water to be maintained at the locks constructed pursuant to this Agreement or the former Agreement.

# Water under the control of the Commission

**106.** For the purposes of this Division, “water under the control of the Commission” means the aggregate of—

(a) the water stored in the Hume and Dartmouth Reservoirs at the commencement of the period of restriction;

(b) the water stored in Lake Victoria at the commencement of the period of restriction;

(c) the water available for release from the Menindee Lakes Storage at the direction of the Commission in accordance with clause 82 during the period of restriction, after allowing for New South Wales’ prior entitlements under clause 78;

(d) during the period of restriction the runoff from the catchment of the upper river above Doctors Point, excluding water diverted from the Tooma River to the Eucumbene Storage and the Tumut River and from the Geehi River to the Snowy River;

(e) water diverted to the upper river above Doctors Point by works of the Authority during the period of restriction;

# SCHEDULE—continued

(f) the difference between the amount of water in transit in the upper river at the beginning and end of the period of restriction.

# Sharing of water during restrictions

**107.** As soon as practicable after a period of restriction has been declared, and from time to time during that period, the Commission shall

(a) determine the expected quantity of water under the control of the Commission;

(b) determine the quantity of water which is to be allowed during the period of restriction for—

(i) losses by evaporation, percolation, and other means in the upper river;

(ii) losses by evaporation, percolation, and other means in the River Murray between the eastern boundary of the State of South Australia and the town of Wellington and for dilution in the State of South Australia, but the total quantity of water allowed for under this sub-paragraph shall be 58,000 megalitres per month, unless otherwise determined by the Commission;

(c) determine the quantity to be held in the upper river storages at the end of the period of restriction and available for release at the direction of the Commission;

(d) having regard to its determinations under paragraphs 107 (a), 107 (b) and 107 (c), determine the quantity of water (hereinafter called “the available water”) available for use by the upper States and for supply to the State of South Australia during the period of restriction.

# South Australian share during restrictions

**108. (1)** Subject to paragraph 73 (b), the restricted entitlement of the State of South Australia during a period of restriction shall be one third of the available water, which shall be distributed between the months of the period of restriction as the Commission determines, plus the monthly quantities described in sub-paragraph 107 (b) (ii).

(2) The Commission may vary for a period not exceeding six months at any one time, the proportion of one third prescribed in sub-clause 108 (1).

# PART X—LAKE VICTORIA WORKS

# Power to store water in Lake Victoria

**109.** Subject to clause 75, the State of South Australia may at all times divert into Lake Victoria for impounding or storing therein, the waters of the River Murray flowing at the site or sites of the offtake or offtakes for diversion into Lake Victoria.

# Water stored in Lake Victoria

**110.** Subject to this Agreement the State of South Australia will, at the request of the State of New South Wales, permit the reasonable use of the water of the said lake by occupiers of land on the banks of Lake Victoria and by occupiers on the settlement of lands of a total area not exceeding 81,000 hectares in the vicinity of Lake Victoria for domestic purposes, for watering their cattle and other stock and for watering gardens not exceeding 2 hectares in connection with a dwelling house.

# PART XI—MENINDEE LAKES STORAGE

# Cessation of Menindee Lakes Storage Agreement

**111.** Upon the coming into effect of this Agreement, the agreement made between the parties hereto on the 8th day of October 1963 and set out in the Schedule to the Menindee Lakes Storage Agreement Act 1963 of the Commonwealth of Australia shall cease to have effect.

# Maintenance of Menindee Lakes Storage

**112.** The State of New South Wales shall carry out the maintenance necessary to keep the Menindee Lakes Storage and the works associated with it in good order and condition, having regard to the full supply levels and storage capacities referred to in clause 113.

# Full supply levels

**113.** For the purposes of this Agreement, and unless otherwise agreed between the Water Resources Commission of New South Wales and the Commission by the exchange of letters between them, the full supply levels of the Menindee Lakes Storage will be—

Lake Wetherell—Elevation 61.7 Australian Height Datum,

Lake Pamamaroo - Elevation 60.4 Australian Height Datum,

# SCHEDULE—continued

Lake Menindee—Elevation 59.8 Australian Height Datum,

Lake Cawndilla—Elevation 59.8 Australian Height Datum,

corresponding to a total storage capacity of approximately 1,794,000 megalitres.

# Financial contributions of Commission

**114.** The Commission shall pay to the State of New South Wales in respect of each year commencing on the first day of January—

(a) an amount at the rate of $320,000 per annum to be paid by equal quarterly instalments at the end of each quarter, but no payment shall be made in respect of any day or days on which the effective capacity of the Menindee Lakes Storage is less than 740,000 megalitres and an appropriate proportionate deduction shall be made from the quarterly instalment for the quarter in which any such day or days occur; and

(b) three-quarters of the cost during that year of operating the Menindee Lakes Storage and of carrying out the maintenance necessary to keep the said Storage and the works associated with it in good order and condition.

# PART XII—EFFECT OF SNOWY MOUNTAINS AGREEMENT

# Reconciliation with Snowy Mountains Agreement

**115. (1)** This Agreement shall operate according to its tenor to define the rights to water in the River Murray and its tributaries of the States of New South Wales, Victoria and South Australia.

**(2)** The provisions as to sharing of waters contained in this Agreement shall apply to the exclusion of the provisions contained in sub-clause 12 (2) of the Snowy Mountains Agreement.

**(3)** To the extent to which any provision of this Agreement conferring rights on the State of South Australia to the use of water is inconsistent with the provisions of the Snowy Mountains Agreement, the first mentioned provision shall prevail, and the provisions of the Snowy Mountains Agreement shall be modified accordingly.

**(4)** Upon the coming into effect of this Agreement—

(a) the reference in clause 11 of the Snowy Mountains Agreement to “the River Murray Commission” shall be deemed to refer to the Commission; and

(b) the references in that clause to “a declared period of restriction within the meaning of clause 51 of the River Murray Agreement” and “the declared period of restriction” shall be deemed to refer to a period of restriction declared pursuant to clause 104 of this Agreement.

**(5)** Except to the extent provided in this clause, the Snowy Mountains Agreement shall continue in full force and effect.

# PART XIII—MISCELLANEOUS

# Arbitration

**116. (1)** Subject to sub-clause 116 (6), if a difference of opinion arises among the Commissioners on any question, not being a question of law, that question, unless the Commissioners concur within the prescribed period after submission by a Commissioner of a resolution thereon, shall, as provided in this clause, be referred for decision to an arbitrator, who shall be appointed by the Contracting Governments.

**(2)** At the end of the prescribed period, a Contracting Government may give to the other Contracting Governments written notice to concur in the appointment of an arbitrator and to refer that question to that arbitrator for decision.

**(3)** If the appointment be not made within two months after the giving of that notice, the Chief Justice of the Supreme Court of Tasmania or the person for the time being discharging the duties of that office may, at the request of that Contracting Government, appoint an arbitrator, who shall have the like powers to act in the reference to decide the question as if he had been appointed by the Contracting Governments.

**(4)** The decision of an arbitrator appointed to decide the question shall be binding on the Commission and the Contracting Governments and shall be deemed to be the decision of the Commission.

**(5)** For the purposes of this clause, “the prescribed period” shall be a period of two months or such other period, not being more than six months, as is determined by a majority vote of the four

# SCHEDULE—continued

Commissioners or, if the four Commissioners are equally divided, by the casting vote of the Commissioner for the Commonwealth.

**(6)** This clause shall not apply to a question -

(a) before the Commission pursuant to clause 117; or

(b) which has been decided by a majority vote of the four Commissioners, or by the casting vote of the Commissioner for the Commonwealth, pursuant to a provision of this Agreement.

# Proposals to amend Agreement

**117.** The Commission shall from time to time review this Agreement, and if in the opinion of the Commission, amendments thereto are necessary or desirable, make recommendations to the Contracting Governments accordingly.

# Furnishing information and particulars

**118.** Each Contracting Government shall furnish or cause to be furnished, to the Commission, at such times as the Commission may require, all such information and particulars as the Commission may require for any of the purposes of this Agreement and as that Contracting Government is able to furnish.

# Authorities to observe agreement

**119.** Whenever an authority of a Contracting Government is constituted or appointed for the purpose of constructing, maintaining, operating or controlling any works under this Agreement, that Contracting Government shall ensure that that authority shall observe the provisions of this Agreement.

# Transitional provisions

**120. (1)** In this clause:

“‘commencing day” means the day on which this Agreement comes into effect;

‘“current financial year” means the financial year during which this Agreement comes into effect;

“estimates” means detailed estimates of expenditure under clause 50 and includes, where the context admits, a detailed estimate of excess expenditure under clause 51; and

‘“next financial year” means the financial year next following the day on which this Agreement comes into effect.

**(2)** Acts or things consistent with the provisions of this Agreement that have been done by or on behalf of a Contracting Government or the Commission in anticipation of this Agreement coming into effect shall be regarded as having been done under and in accordance with its provisions.

**(3)** Without limiting the generality of sub-clause 120 (2) —

(a) any documents forwarded prior to the commencing day by the Commission to the Contracting Governments, being documents in the form of estimates for the current financial year, shall be deemed to be estimates forwarded in respect of that year;

(b) any moneys provided prior to the commencing day by a Contracting Government to the Commission in accordance with a document referred to in paragraph 120 (3) (a) shall be deemed to have been provided pursuant to clause 53 in respect of the current financial year;

(c) any moneys expended by the Commission prior to the commencing day in accordance with a document referred to in paragraph 120 (3) (a) shall be deemed to have been expended pursuant to this Agreement in respect of the current financial year; and

(d) if this Agreement comes into effect on a day between the 31st day of March and the next ensuing 30th day of June, both dates inclusive, any documents forwarded prior to the commencing day by the Commission to the Contracting Governments, being documents in the form of estimates for the next financial year, shall be deemed to be estimates forwarded in respect of that year.

**(4)** If, during the current financial year and prior to the commencing day, any moneys of the Commission were invested on fixed deposit with a bank, any interest received by the Commission during the current financial year on those moneys shall be dealt with as if it was interest referred to in clause 63 and, for that purpose, moneys of a kind referred to in clause 65 or 66 and contributed by a State Contracting Government shall be deemed to have been contributed by that State Contracting Government pursuant to clause 65 or 66, as the case may be.

# SCHEDULE—continued

(5) Any other matters of a transitional nature concerning this Agreement shall be settled by agreement between the Contracting Governments.

# SCHEDULE A

|  |  |  |
| --- | --- | --- |
| Description of works | Location | Nominated government |
| DARTMOUTH DAM with a capacity of approximately 4,000,000 megalitres. | Mitta Mitta River upstream of the town of Dartmouth, north-eastern Victoria. | Government of Victoria. |
|
| HUME DAM with a capacity of approximately 3,038,000 megalitres. | River Murray upstream of the city of Albury, New South Wales. | The Governments of New South Wales and Victoria, jointly. |
|
| LAKE VICTORIA WORKS— regulation reservoir with a storage capacity of approximately 700,000 megalitres. | Lake Victoria, New South Wales connected with main stream of River Murray by Rufus River and Frenchman’s Creek. | Government of South Australia. |
|
|
| YARRAWONGA WEIR — storage of about 120,000 megalitres. | River Murray near the town of Yarrawonga, Victoria. | Government of Victoria. |
|
|
| CHOWILLA DAM —with a capacity of approximately 5,900,000 megalitres. | River Murray between the towns of Renmark and Wentworth. | Government of South Australia. |
|
|
| **Weirs and locks**: |  |  |
| Construction of thirteen weirs and locks in the course of the River Murray from its mouth to Echuca, namely: | River distance from Murray mouth in kilometres. |  |
|
|
|
| No. 1 Blanchetown | 274 | Government of South Australia |
| No. 2 Waikerie | 362 | Government of South Australia |
| No. 3 Overland Corner | 431 | Government of South Australia |
| No. 4 Bookpurnong | 516 | Government of South Australia |
| No. 5 Renmark | 562 | Government of South Australia |
| No. 6 Murtho | 620 | Government of South Australia |
| No. 7 Rufus River | 697 | Government of South Australia |
| No. 8 Wangumma | 726 | Government of South Australia |
| No. 9 Kulnine | 765 | Government of South Australia |
| No. 10 Wentworth | 825 | Government of New South Wales |
|
| No. 11 Mildura | 878 | Government of Victoria |
| No. 15 Euston | 1,110 | Government of New South Wales |
|  |  |
| No. 26 Torrumbarry | 1,638 | Government of Victoria |
| **Weirs** |  |  |
| Construction of two weirs in the course of the Murrumbidgee River from its junction with the River Murray to Hay, namely: | River distance upstream from the junction with the River Murray in kilometres. |  |
|  |
|  |
|  |
| No. 5 Redbank | 193 | Government of New South Wales |
|
| No. 7 Maude | 290 | Government of New South Wales |
|

# SCHEDULE—continued

|  |  |  |  |
| --- | --- | --- | --- |
| Description of works | Location | | Nominated government |
| **Murray Mouth Barrages:**  Goolwa  Mundoo  Boundary  Ewe Island  Tauwitchere | Goolwa Channel  Mundoo Channel  Boundary Creek Channel  Ewe Island Channel  Tauwitchere Island Channel | | Government of South Australia  Government of South Australia  Government of South Australia  Government of South Australia  Government of South Australia |
| IN WITNESS WHEREOF this Agreement has been executed by the parties hereto as at the day and year first above-written. | | | |
| SIGNED on behalf of THE COMMONWEALTH OF AUSTRALIA by the Right Honourable JOHN MALCOLM FRASER, Prime Minister of Australia, in the presence of:  PETER ARNOLD | | MALCOLM FRASER | |
| SIGNED on behalf of THE STATE OF NEW SOUTH WALES by the Honourable NEVILLE KENNETH WRAN, Premier of New South Wales, in the presence of:  M. HARKINS | | NEVILLE WRAN | |
| SIGNED on behalf of THE STATE OF VICTORIA by the Honourable JOHN CAIN, Premier of Victoria, in the presence of:  J. B. JACK | | JOHN CAIN | |
| SIGNED on behalf of THE STATE OF SOUTH AUSTRALIA by the Honourable DAVID OLIVER TONKIN, Premier of South Australia, in the presence of:  PETER ARNOLD | | DAVID TONKIN | |