

From

The Permanent Indus Commission.

To

1. The Government of India,
Ministry of Irrigation and Power,
New Delhi.
2. The Government of Pakistan,
Ministry of Fuel, Power and Natural Resources,
Rawalpindi.

Subject: Annual Report for the year ended on March 31, 1961.

Sir,

The Commission has the honour to invite attention to Article VIII(8) of the Indus Waters Treaty 1960 and to submit herewith its Annual Report for the year ended on March 31, 1961.

2. The Commission is happy to record that its deliberations were marked by a spirit of goodwill, mutual understanding and co-operation.

Yours faithfully,

Sd. H.C. Kalra
Commissioner for Indus
Waters,
Government of India.

Sd. M.A. Hamid S.Q.A.
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

New Delhi.
31st May, 1961

THE PERMANENT INDUS' COMMISSION

ANNUAL REPORT

FOR

THE YEAR ENDED ON 31ST MARCH, 1961.

.....

C O N T E N T S

1. Introductory
 2. Meetings of the Commission
 3. General
-

A P P E N D I X

Record of the First Meeting of
the Permanent Indus Commission,
under the Indus Waters Treaty
1960, held at New Delhi from
28th to 30th March, 1961.

.....

INTRODUCTORY

1. The Indus Waters Treaty 1960 was signed at Karachi on 19th September, 1960. The Treaty was ratified by the Government of India and the Government of Pakistan and the ratifications thereof were exchanged in New Delhi on 12th January, 1961.

The Treaty entered into force upon the exchange of ratifications and then took effect retrospectively from 1st April, 1960.

2. Under the provisions of Article VIII(1) of the Treaty, the Government of India and the Government of Pakistan each created a permanent post of Commissioner for Indus Waters and appointed the following to these posts:-

Government of India

Shri H.C. Kalra

Government of Pakistan

Mr. M.A. Hamid, S.Q.A.

During the absence of Mr. Hamid on leave, Mr. Khalil-ur-Rahman, T.Pk., acted as the Pakistan Commissioner for Indus Waters from 8th March, 1961 to 31st March, 1961.

3. Under the provisions of Article VIII(3) of the Treaty, the two Commissioners together form the Permanent Indus Commission. This Report relates to the work of the Commission for the year ended on 31st March, 1961.

MEETINGS OF THE COMMISSION

4. Article VIII(5) of the Treaty stipulates that the Commission shall meet regularly at least once a year, alternately in India and Pakistan, and that the regular annual meeting shall be held in November or any such other month as may be agreed upon between the Commissioners. As the ratifications were exchanged on 12th January, 1961, the regular annual meeting for the year under report could not be held in November 1960. This Meeting was held at New Delhi from 28th to 30th March, 1961.

5. During the Meeting referred to above, preliminary discussions were held on fifteen items concerning the implementation

.....

of the Treaty and it was agreed that the various aspects involved would be examined by the Commissioners before these items were taken up again at the next meeting of the Commission. A copy of the Record of the First Meeting is enclosed as Appendix.

GENERAL

6. The Commission recognises the fact that the Treaty entered into force late in the year and consequently it functioned for only a short period and its activities were limited, during the year under report.

7. The Commission hopes that, in the years to come, it will be able to fulfil its purpose and functions, as visualised in the Treaty, in the same spirit of understanding, co-operation and good-will which marked its deliberations in the first few months of its existence.

Sd/- H.C. Kalra
Commissioner for Indus Waters,
Government of India.

Sd/- M.A. Hamid S.Q.A.
Pakistan Commissioner for Indus
Government of Pakistan.

New Delhi,
31st May, 1961.

Record of the First Meeting of the Permanent Indus
Commission, under The Indus Waters Treaty, 1960,
held at New Delhi from 28th to 30th March, 1961;

P R E S E N T

Permanent Indus Commission

Shri H.C. Kalra,
Commissioner for Indus Waters,
Government of India.

Mian Khalil-ur-Rahman, T.Pk.,
Pakistan Commissioner for
Indus Waters.

Advisers to Commissioners

INDIA

1. Shri G.K.Vij,
Deputy Secretary,
Ministry of Irrigation & Power
Government of India.

2. Dr. J.K. Malhotra,
Additional Commissioner for
Indus Waters,
Government of India.

PAKISTAN

Seyyad Z.H. Jafri,
Deputy Chief Engineer (Water
Treaty Implementation)
West Pakistan Irrigation.

Ch. Altaf Hussain,
Director, Replacement Wing,
Office of Chief Engineering
Adviser to Govt. of Pakistan.

In welcoming Mian Khalil-ur-Rahman, and his advisers to Delhi, for the first meeting of the Permanent Indus Commission, Shri Kalra expressed the hope that it would be possible for the Commission to establish and maintain co-operative arrangements for the implementation of the Indus Waters Treaty. He added that he also hoped that, working in a spirit of good will and friendship, the Commission would be able to settle satisfactorily all questions that may arise out of the Treaty, without having recourse to any Neutral Experts or Courts of Arbitration. On his part, he assured Mian Khalil-ur-Rahman of his fullest co-operation to that end.

Mian Khalil-ur-Rahman heartily reciprocated these sentiments and expressed the hope that the deliberations of the Commission would be cordial and fruitful. He thanked Shri Kalra for inviting him and his advisers to India and for the hospitality extended to them by the Government of India.

The Commission then proceeded to discuss the following items in connection with the implementation of the Treaty:-

1. Determination of procedures of the Commission (Article VIII(10)).
2. Procedures for communications between the Commissioners (Article VIII(1)).

of the Treaty and it was agreed that the various aspects involved would be examined by the Commissioners before these items were taken up again at the next meeting of the Commission. A copy of the Record of the First Meeting is enclosed as Appendix.

GENERAL

6. The Commission recognises the fact that the Treaty entered into force late in the year and consequently it functioned for only a short period and its activities were limited, during the year under report.

7. The Commission hopes that, in the years to come, it will be able to fulfil its purpose and functions, as visualised in the Treaty, in the same spirit of understanding, co-operation and good-will which marked its deliberations in the first few months of its existence.

Sd/- H.C. Kalra
Commissioner for Indus Waters,
Government of India.

Sd/- M.A. Hamid S.Q.A.
Pakistan Commissioner for Indus Water
Government of Pakistan.

New Delhi,
31st May 1961

From

The Permanent Indus Commission.

To

1. The Government of India,
Ministry of Irrigation and Power,
New Delhi.
2. The Government of Pakistan,
Ministry of Fuel, Power and Natural Resources,
Rawalpindi.

Subject:- Annual Report for the year ended on March 31, 1962.

Sir,

The Commission has the honour to invite attention to Article VIII(8) of the Indus Waters Treaty 1960 and to submit herewith its Annual Report for the year ended on March 31, 1962.

Yours faithfully,

Sd/-(H.C.Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/-(M.A.Hamid) S.Q.A.
Pakistan Commissioner for Indus
Waters,
Government of Pakistan

Rawalpindi
7th May, 1962.

THE PERMANENT INDUS COMMISSION

ANNUAL REPORT

FOR

THE YEAR ENDED ON 31ST MARCH 1962

CONTENTS

1. Introductory
2. Meetings of the Commission
3. Special Tours of Inspection
4. General Tour of Inspection
5. General

ANNEXURES

- I. Particulars of Items discussed at the Meetings of the Commission.
- II. Particulars of Special Tours of Inspection undertaken by the Commission.

APPENDICES

- A.1 Record of the Second Meeting of the Commission, held at Rawalpindi from 5th to 9th May, 1961.
- A.2 Record of the Third Meeting of the Commission, held at New Delhi from 29th May to 31st May, 1961.
- A.3 Record of the Fourth Meeting of the Commission, held at Lahore on 1st October, 1961.
- A.4 Record of the Fifth Meeting of the Commission, held at Amritsar on 2nd October, 1961.
- A.5 Record of the Sixth Meeting of the Commission, held at Karachi from 29th January to 3rd February, 1962.

- B.1 Record of the 1st Tour of Inspection of the Commission undertaken on 8th September, 1961.
- B.2 Record of the 2nd Tour of Inspection of the Commission undertaken on 3rd October, 1961.
- B.3 Record of the 3rd Tour of Inspection of the Commission undertaken from 28th October to 1st November, 1961.
- B.4 Record of the 4th Tour of Inspection of the Commission undertaken from 9th to 15th November, 1961.
- B.5 Record of the 5th Tour of Inspection of the Commission undertaken from 23rd to 27th November, 1961.
- B.6 Record of the 6th Tour of Inspection of the Commission undertaken on 6th and 7th December, 1961.

(ii)

- B.7 Record of the 7th Tour of Inspection of the Commission undertaken on 8th December, 1961.
- B.8 Record of the 8th Tour of Inspection of the Commission undertaken on 22nd February, 1962.
- B.9 Record of the 9th Tour of Inspection of the Commission undertaken on 13th March, 1962.
- B.10 Record of the 10th Tour of Inspection of the Commission undertaken on 14th March, 1962.
-

ANNUAL REPORT FOR THE YEAR
ENDED ON 31ST MARCH 1962

1. INTRODUCTORY

1.1 This is the Second Annual Report of the Permanent Indus Commission constituted in accordance with Article VIII(3) of the INDUS WATERS TREATY 1960 and relates to the work of the Commission for the year ended on 31st March, 1962.

1.2 During the year under report, the posts of the Commissioner for Indus Waters, Government of India, and the Commissioner for Indus Waters, Government of Pakistan, were held as follows:-

COMMISSIONER FOR INDUS WATERS, GOVERNMENT OF INDIA

Shri H.C. Kalra from 1.4.1961 to 31.3.1962

COMMISSIONER FOR INDUS WATERS, GOVERNMENT OF PAKISTAN

Mr. M.A. Hamid, S.Q.A. from 1.4.1961 to 25.6.1961
29.8.1961 to 7.9.1961
9.9.1961 to 10.11.1961
29.11.1961 to 31.3.1962

M Mian Khalil-ur-Rahman, T.Pk. from 26. 6.1961 to 28. 8.1961
on 8. 9.1961
from 11.11.1961 to 28.11.1961

2. MEETINGS OF THE COMMISSION

2.1 Five meetings of the Commission were held during the year. These have been serially numbered as the Second to Sixth Meetings of the Commission, in continuation of the First Meeting which was held during the previous year.

2.2 The meetings were held alternately in Pakistan and India, at the places and on the dates given below:-

<u>Meeting</u>	<u>Venue</u>	<u>Dates</u>
Second	Rawalpindi	May 5 - 9, 1961
Third	New Delhi	May 29 -31, 1961
Fourth	Lahore	October 1, 1961
Fifth	Amritsar	October 2, 1961
Sixth	Karachi	January 29 - February 3, 1962.

2.3 At these meetings, 21 items in all were discussed. Of these, 10 items have been cleared during

the year. The particulars regarding each item, including the position as on 31st March 1962, are given in Annexure I.

2.4 Copies of the Records of the Second to the Sixth Meetings are enclosed as Appendices A.1 - A.5.

3. SPECIAL TOURS OF INSPECTION

3.1 Under the provision of Article VIII(4)(d) of Treaty, the Commission is required 'to undertake promptly, at the request of either Commissioner, a tour of inspection of such works or sites on the Rivers as may be considered necessary by him for ascertaining the facts connected with those works or sites'.

In this Report, such a tour is referred to as a 'special tour of inspection', to distinguish it from the 'general tour of inspection' mentioned in Article VIII(4)(c) of the Treaty.

3.2 During the year under report, 10 special tours of inspection were undertaken by the Commission, which covered hydro-electric plants, regulators, dam sites, drains, flood embankments, etc. The details of these tours are given in Annexure II.

3.3 Copies of the Records of the special tours of inspection are enclosed as Appendices B.1 - B.10

4. GENERAL TOUR OF INSPECTION

4.1 According to Article VIII(4)(c) of the Treaty, the Commission is required 'to undertake, once in every five years, a general tour of inspection of the Rivers for ascertaining the facts connected with various developments and works on the Rivers'.

4.2 The Treaty entered into force, upon the exchange of ratifications, on 12th January 1961, i.e. nearly a year after the Effective Date viz, 1st April 1960. Due to the preoccupation of the

Commissioners with various other matters concerning the implementation of the Treaty, the planning for the general tour of inspection could not be taken up by the Commission earlier than its Sixth Meeting held in Karachi from 29th January to 3rd February, 1962. It was felt that this tour should be commenced as early as possible, as two out of the first five years had almost expired. It was, therefore, decided that the two Commissioners would collect necessary information regarding the location of various kinds of works on the Rivers, such as hydro-electric plants, storage works, gauge and discharge sites, points of withdrawals etc., as also about the available communications, so that a programme for the tour could be prepared. It was also decided that this information should be collected, in the first instance, for the Indus from Marole down to Attock, for the Chenab down to Trimmu and for the whole of the Beas. The Commission further decided that the programme for the tour should be chalked out on a six-monthly basis and as much information as available might be collected for framing, in its next meeting, the programme for the half-year beginning on 1st April 1962.

5. GENERAL

5.1 The Commission is happy to record that, during the year under report, its work was marked by a spirit of good-will, understanding and co-operation.

Sd/- (H.C.Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/- (M.A.Hamid) S.Q.A.
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Rawalpindi,
7th May, 1962.

PARTICULARS OF ITEMS DISCUSSED AT THE MEETINGS
OF THE COMMISSION

ANNEXURE - I.

<u>Serial No.</u>	<u>Item discussed</u>	<u>Meeting at which discussed</u>	<u>Position as on 31st March 1962</u>
1.	Preparation of the First Annual Report (Article VIII(8))	Second and Third	The Report was finalised and submitted to the Government of India and the Government of Pakistan on 31st May, 1961.
2.	Indents of Indian canals offtaking at Harike and Ferozepore (Paragraph 46(b) of Annexure H)	Second	The clarifications sought were supplied and the matter has been closed.
3.	Determination of procedures of the Commission (Article VIII(10))	Second and Fourth	The procedure regarding the Records of the Meetings of the Commission was decided. Further procedures would be considered, as and when the necessity arises
4.	Implementation of Article VIII(6) and privileges and immunities to be accorded to advisers or assistants of the Commissioners (Article VIII(7))	Second, Fifth and Sixth	The Government of India and the Government of Pakistan have agreed to accord the same privileges and immunities to the advisers and assistants as accorded to the Commissioners under Article VIII(6) of the Treaty. The notifications to this effect have yet to be issued.
5.	Special tours of inspection (Article VIII(4)(d))	Fourth and Fifth	The details of the 3rd, 4th and 5th Tours of inspection were discussed and the tours were undertaken accordingly.
6.	Finalisation of the Records of the 3rd, 4th, 5th, 6th and 7th tours of inspection undertaken under Article VIII(4)(d) of the Treaty	Sixth	These Records were finalised.
7.	Exchange of gauge and discharge data (Article VI)	Second	This item has been disposed of.
8.	Estimation of gains in the reach from Ferozepore to Islam (Paragraph 62 of Annexure H)	Second	The matter has been closed.
9.	Deliveries to C.B.D.C. (Part 2 of Annexure H)	Second and Fourth	The matter has been closed.

Contd.....2/

<u>Serial No.</u>	<u>Item discussed</u>	<u>Meeting at which discussed</u>	<u>Position as on 31st March 1962</u>	
10.	Procedures for implementation of Paragraphs 22(b)(iii), 26, 27, 28, 32 and 39 of Annexure H	Second	This item was merged in item 13 at the Sixth Meeting.	
11.	General tour of inspection (Article VIII(4)(c))	Second and Sixth	See paragraph 4.2 of this Report.	
12.	Supply of data relating to natural and artificial drainages (Article IV(3))	Fourth and Sixth	It was decided that the data regarding the drainages listed in Article IV(4) may be supplied by each Party to the other. With regard to the other drainages, the Commission decided to consider this matter after further study by the Commissioners.	
13.	Procedures for communications between the Commissioners (Article VIII(1))	Second, Fifth and Sixth	}	
14.	Visa and other facilities for the Commissioners and their advisers or assistants (Article VIII)	Second and Sixth		
15.	Measures for recovery, and restoration to owners, of timber and other property (Article IV (11))	Second, fourth and Sixth		
16.	Re-imburement of cost of transmission of data by telegram, telephone and wireless (Article VI(1))	Second and Sixth		
17.	Request by Pakistan that India set up wireless stations for transmitting flood warnings to Pakistan (Article VII(1))	Second and Sixth		These items are still under consideration.
18.	Arrangements for refixing of conveyance loss from the head of the Madhopur-Beas Link to the junction of the Chakki torrent with the Beas Main (Paragraph 45(c) of Annexure H)	Second		

ANNEXURE I

<u>Serial No.</u>	<u>Item discussed</u>	<u>Meeting at which discussed</u>	<u>Position as on 31st</u>
19.	Request by Pakistan that the gauge and discharge data regarding deliveries to C.B.D.C. be supplied under Article VI(1)	Fifth and Sixth	
20.	Request by India for construction of a drainage syphon under Fordwah and Eastern Sadiqia Canals (Article VII(1))	Sixth	These items are still u
21.	Status of different forms of communication between the Commissioners (Article VIII(1))	Sixth	

PARTICULARS OF SPECIAL TOURS OF INSPECTION
UNDERTAKEN BY THE COMMISSION

ANNEXURE II

<u>Serial No. of Inspection Tour</u>	<u>Inspection Requested by</u>	<u>Works or Sites Inspected</u>	<u>Dates of Inspection Tour</u>
1st	Pakistan Commissioner	i) Right Bank of the Sutlej Main between the Hussainiwala weir and the Indo-Pakistan border	8th September 1961
	Indian Commissioner	ii) Right Bank of the Sutlej Main for a distance of about 2,500 feet in West Pakistan beyond the Indo-Pakistan border	
2nd	Indian Commissioner	i) Deg Nallah between the point of offtake of the diversion channel and the border upstream	3rd October 1961.
		ii) The diversion channel from its offtake upto its outfall into the Basantar Nallah	
3rd	Pakistan Commissioner	i) Dal Regulator	28th October to 1st November, 1961.
		ii) Dachhigam Hydro-Electric Plant	
		iii) Bandipura Hydro-Electric Plant	
		iv) Mahora Hydro-Electric Plant	
		v) Kupwara Hydro-Electric Plant	
		vi) Wooller Lake	
		vii) Pahalgam Hydro-Electric Plant	
		viii) Haigam Jhil Regulator	
		ix) Ganderbal Hydro-Electric Plant	
		x) Jhelum Main between Sopore and Khadanyar	
		xi) Chattabal weir	
4th	Indian Commissioner	i) Charah Dam Site	9th to 15th November 1961.
		ii) Hydro-Electric Plant near Muzaffarabad	
		iii) Hydro-Electric Plant at Naran	
		iv) Mangla Dam	
		v) Kotli Canal R.D. to 20000	

<u>Serial No.</u>	<u>Inspection Requested by</u>	<u>Works or Sites Inspected</u>	<u>Date of Inspection</u>
5th	Pakistan Commissioner	i) Ranbir Canal Hydro-Electric Plant ii) Head regulators of Ranbir and Partap Canals iii) Poonch Hydro-Electric Plant iv) Rajouri Hydro-Electric Plant v) Udampur Hydro-Electric Plant vi) Chinani Hydro-Electric Plant	23rd to 27th November 1961.
6th	Pakistan Commissioner	i) Hudaira Drainage System in India	6th & 7th December, 1961.
7th	Indian Commissioner	i) Kasur Nala ii) Kasur Nala Diversion into Sutlej River upstream of Hussainiwala Headworks iii) Right Marginal Bund of Hussainiwala Headworks from R.D. 22560 to 34000	8th December 1961.
8th	Indian Commissioner	i) Left and Right upstream Marginal Bunds of Saleimanke Headworks ii) Outfall of the B.S. Link iii) Outfall of the Fazilka Drain iv) Outfall of the Salimshah Drain	22nd February 1962.
9th	Pakistan Commissioner	i) River Ravi starting downstream Jassar Railway Bridge upto a point opposite village Kamalpurkalan ii) Basantar Nala in Ghania-ke-bet area	13th March 1962.
10th	Pakistan Commissioner	i) Flood embankments on left bank of Ravi Main in India downstream of village Fatehpur in Pakistan (Latitude 31°-48' North) to Sakki Nallah	14th March 1962.

RECORD OF THE SECOND MEETING OF THE PERMANENT
INDUS COMMISSION HELD AT RAWALPINDI FROM 5TH
TO 9TH MAY, 1961.

PRESENT

PERMANENT INDUS COMMISSION

Shri H.C. Kalra,
Commissioner for
Indus Waters,
Government of India.

Mr. M.A. Hamid, S.Q.A.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

ADVISERS TO THE COMMISSIONERS

India

1. Shri G.K. Vij,
Deputy Secretary,
Ministry of Irrigation
and Power,
Government of India.
2. Dr. J.K. Malhotra,
Additional Commissioner
for Indus Waters,
Government of India.

Pakistan

1. Seyyad Z.H. Jafri,
Deputy Chief Engineer,
Irrigation Department,
West Pakistan.
2. Mian Khalil-ur-Rahman, T.Pk.,
Additional Commissioner for
Indus Waters,
Government of Pakistan.
3. Mr. Manzur Ahmad,
Deputy Engineering Adviser,
Government of Pakistan.
4. Mian Ijaz Nabi,
Deputy Commissioner for
Indus Waters,
Government of Pakistan.

Welcoming Mr. Kalra and his advisers to Pakistan Mr. Hamid stated that he was happy to learn that a good start had been made in the First Meeting of the Commission at New Delhi where discussions were held in a spirit of co-operation and that there was zeal and earnestness to solve the various problems in hand. He expressed the hope that the discussions during the present meeting would be held in the same spirit of cordiality, goodwill and understanding. Mr. Kalra reciprocated the sentiments expressed by Mr. Hamid and thanked the Pakistan Commissioner, and, through him, the Government of Pakistan for the hospitality extended to his party. With regard to the problems to be discussed in this

Meeting, he assured the Pakistan Commissioner that he and his advisers would be working with an earnest desire to find satisfactory solutions to the various issues. He expressed the hope that with such desire on both sides, the Commission would be able to arrive at agreed decisions.

2. The Commission then proceeded to undertake the compilation of the report on its work for the year ended on 31st March, 1961. Drafts for each of the following items were prepared after detailed discussions :-

- 1) Introductory.
- 2) Meetings of the Commission.
- 3) Financial transactions under the Treaty.
- 4) Furnishing or exchange of information and data.
- 5) Nature of river supplies during the year.
- 6) Distribution of the waters of The Ravi.
- 7) Distribution of the waters of The Sutlej and The Beas.
- 8) General.

The Commission agreed to meet again to finalise and submit its Report to the Government of India and the Government of Pakistan, before 1st June, 1961.

3. The Commission, after a brief review of the remaining fourteen items referred to in the Record of the First Meeting of the Commission, decided to take up these items in its subsequent meetings at appropriate times.

Sd/- (H.C.Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/- (M.A.Hamid) S.O.A.
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Rawalpindi,
9th May, 1961.

Record of the Third Meeting of the Permanent
Indus Commission held at New Delhi from 29th
May to 31st May, 1961.

PRESENT

PERMANENT INDUS COMMISSION

Shri H.C.Kalra,
Commissioner for Indus Waters,
Government of India.

Mr. M.A. Hamid, S.Q.A.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Advisers to the Commissioners

1. Shri G.K.Vij,
Deputy Secretary,
Ministry of Irrigation & Power,
Government of India.

1. Seyyad Z.H.Jafri,
Deputy Chief Engineer,
Irrigation Department,
Government of West
Pakistan.

2. Dr. J.K. Malhotra,
Additional Commissioner for
Indus Waters,
Government of India.

2. Mian Khalil-ur-Rehman,
T.Pk.,
Additional Commissioner
for Indus Waters,
Government of Pakistan.

3. Shri K.L.Ahija,
Deputy Indus Commissioner,
Government of India.

3. Mr. Mansur Ahmad,
Deputy Engineering
Adviser,
Government of Pakistan.

The Commission reviewed the draft of its Annual Report for the year ended on 31st March, 1961, which had been prepared in its Second Meeting held at Rawalpindi. After detailed discussion, the Commission finalised the Annual Report and submitted it to the two Governments on 31st May, 1961.

Sd/-(H.C.Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/-(M.A.Hamid) S.Q.A.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

New Delhi,
31st May, 1961.

Record of the Fourth Meeting of the Permanent Indus Commission, under the Indus Waters Treaty 1960, held at Lahore on 1st October, 1961.

PRESENT

Permanent Indus Commission

Shri H.C.Kalra,
Commissioner for Indus Waters,
Government of India.

Mr. M.A. Hamid, S.Q.A.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Advisers to the Commissioners

India

1. Shri G.K.Vij,
Chief Engineer & Deputy Secretary
Ministry of Irrigation & Power,
Government of India.

2. Dr. J.K. Malhotra,
Addl. Commissioner for
Indus Waters;
Government of India.

3. Shri K.L.Ahuja,
Deputy Indus Commissioner,
Government of India.

Pakistan

1. Seyyad Z.H.Jafri,
Deputy Chief Engineer,
Irrigation Department,
West Pakistan.

2. Mian Khalil-ur-Rahman,
T.Pk.,
Addl. Commissioner
for Indus Waters,
Government of Pakistan.

3. Mian Ijaz Nabi,
Deputy Commissioner
for Indus Waters,
Government of Pakistan.

1. The Commission discussed the arrangements for and the phasing of the tours of inspection requested by India and Pakistan under Article VIII(4)(d) of the Treaty and agreed to discuss this subject further in the next meeting.

2. In connection with natural and artificial drainages, information regarding which had been requested by either Commissioner under Article IV(3)(c) and IV(3)(d), it was decided that the data regarding the drainages listed in Article IV(4) may be supplied by each Party to the other. With regard to the other drainages, the Commission decided to consider this matter after further study by the Commissioners.

3. The Commission discussed the progress made so far by Pakistan in regard to the measures for recovery and restoration to owners of timber etc. floating down the Rivers, under Article IV(11) of the Treaty. It was decided to discuss this question further in the meeting.

to be held in November 1961.

4. The question of deliveries into C.B.D.C. was next discussed. The Pakistan Commissioner for Indus Waters explained the essential points to be borne in mind in framing and operating the Rotational Programme for 1961-62. The Commissioner for Indus Waters, India, explained that the Rotational Programme framed for 1961-62 did take into account these considerations and assured that in operating the programme, every effort would be made to deliver the supplies to C.B.D.C. in accordance with Part 2 of Annexure H to the Treaty.

5. The Commission decided that whenever it holds a meeting it shall record the conclusions reached in that meeting. This record, when signed by the two Commissioners, will constitute a record of the Commission.

Sd/-(H.C.Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/-(M.A.Hamid) S.Q.A.,
Pakistan Commissioner for Ind
Waters,
Government of Pakistan.

Amritsar,
2nd October, 1961.

Record of the Fifth Meeting of the
Permanent Indus Commission, under the
Indus Waters Treaty 1960, held at
Amritsar on 2nd October, 1961.

PRESENT

Permanent Indus Commission

Shri H.C.Kalra,
Commissioner for Indus Waters,
Government of India.

Mr. M.A. Hamid, S.Q.A.,
Pakistan Commissioner for Indus
Waters,
Government of Pakistan.

Advisers to the Commissioners

India

Pakistan

1. Shri G.K.Vij,
Chief Engineer and Deputy
Secretary, Ministry of
Irrigation and Power,
Government of India.

Seyyad Z.H. Jafri,
Deputy Chief Engineer,
Irrigation Department,
West Pakistan.

2. Dr. J.K. Malhotra,
Additional Commissioner for
Indus Waters,
Government of India.

Mian Khalil-ur-Rahman, T.Pk.,
Additional Commissioner for
Indus Waters,
Government of Pakistan.

3. Shri K.L. Anuja,
Deputy Indus Commissioner
Government of India.

Mian Ijaz Nabi,
Deputy Commissioner for Indus
Waters,
Government of Pakistan.

The Commission discussed the question of tours of inspection requested by both the Commissioners and agreed to certain provisional dates which would be finalised between the two Commissioners within the next week.

2. The Pakistan-Commissioner for Indus Waters raised the question of supply of daily gauge and discharge data regarding deliveries to Central Bari Doab Channels and said that he had requested for the supply of this data under Article VI(1) of the Treaty. The Commissioner for Indus Waters, India, replied that it appeared to him that the supply of such data would appropriately fall under Article VI(2) of the Treaty or could, if necessary, be arranged under Paragraph 67 of Annexure H to the Treaty. After further discussion the Commission agreed that this question would be examined again in the meeting of the Commission to be held in November 1961, and till then India would supply all the required data by post.

3. The question of the Commissioners authorising other officers to send communications on their behalf was discussed. The Commission decided to discuss the matter in a subsequent meeting by which time the Commissioners would have examined it further.

4. The question of implementation of Article VIII(6) of the Treaty and the privileges and immunities to be accorded to the advisers and assistants, when accompanying the Commissioners, was discussed. The Commission was informed that the Parties had agreed to the advisers and assistants accompanying the Commissioners being accorded the same privileges and immunities as accorded to the Commissioners under Article VIII(6) of the Treaty. The Commissioner for Indus Waters, India stated that he had already initiated action to have a Notification issued providing these facilities to Pakistan Commissioner and his advisers and assistants. The Pakistan Commissioner for Indus Waters stated that he was also taking steps to have a Notification issued by the Government of Pakistan for according similar facilities to the Commissioner for Indus Waters, India and his advisers and assistants.

Sd/-(H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/-(M.A. Hamid) S.Q.A.
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Lahore dated the
2nd October, 1961.

RECORD OF THE SIXTH MEETING OF THE PERMANENT
INDUS COMMISSION UNDER THE INDUS WATERS TREATY
1960 HELD AT KARACHI FROM 29TH JANUARY TO
3RD FEBRUARY 1962.

Present:-

PERMANENT INDUS COMMISSION

Shri H.C.Kalra,
Commissioner for Indus Waters,
Government of India.

Mr. M.A. Hamid, S.Q.A.,
Pakistan Commissioner for
Indus Waters.

ADVISERS TO COMMISSIONERS

- | | |
|---|---|
| 1. Shri G.K.Vij,
Chief Engineer,
Ministry of Irrigation
and Power,
Government of India. | 1. Sayyed Z.H. Jafri,
Deputy Chief Engineer,
Irrigation Department. |
| 2. Dr. J.K. Malhotra,
Additional Commissioner
for Indus Waters,
Government of India. | 2. Mian Khalil-ur-Rahman, T.Pk.,
Additional Commissioner for
Indus Waters,
Government of Pakistan. |
| 3. Shri K.L.Ahuja,
Deputy Indus Commissioner,
Government of India. | 3. Mr. Manzur Ahmad,
Deputy Engineering Adviser,
Government of Pakistan. |

The Commission finalised the records of the Third, Fourth, Fifth, Sixth and Seventh tours of inspection undertaken under Article VIII(4)(d) of the Treaty.

2. The Commission discussed the question of undertaking the general tour of inspection of the Rivers under Article VIII(4)(c) of the Treaty which stipulates that the Commission will "undertake, once in every five years, a general tour of inspection of the Rivers for ascertaining the facts connected with various developments and works on the Rivers". As two years out of the first five-year period beginning on 1st April 1960 had almost expired, the Commission felt that this general tour of inspection should be undertaken as early as possible. The Commission decided that the programme for this tour of inspection should be chalked out by it on a six-monthly basis and that, for the tour to be undertaken in the first six months of the year beginning on 1st April 1962, the Commissioners would

collect as much information as possible for framing the programme at the next meeting of the Commission to be held in March 1962.

8) The two Commissioners discussed the following items:

- (i) Status of different forms of communication between the Commissioners. (Article VIII(1)).
- (ii) Request by Pakistan that the gauge and discharge data regarding deliveries to G.B.D.C. be supplied under Article VI(1).
- (iii) Request by India for construction of a drainage syphon under Fordwah and Eastern Sadiqia Canals. (Article VII(1)).
- (iv) Notifications by Government of India and Government of Pakistan to extend privileges and immunities to the Commissioners and to their Advisers or Assistants. (Article VIII(6) and VIII(7)).
- (v) Measures for the recovery, and restoration to owners, of timber and other property. (Article IV(1)).
- (vi) Request by Pakistan that India set up wireless stations for transmitting flood warnings to Pakistan. (Article VII(1)).
- (vii) Reimbursement of cost of transmission of data by telegram, telephone or wireless. (Article VI(1)).
- (viii) Visas and other facilities for the Commissioners and their Advisers or Assistants (Article VIII).
- (ix) Communications by persons other than the Commissioners (Article VIII).
- (x) Data relating to artificial drainages. (Article IV(3)(c) and IV(3)(d)).

Sd/- (H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/- (P.A. Hamid) S.Q.A.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

APPENDIX B.1

RECORD OF THE 1ST TOUR OF INSPECTION OF THE
PERMANENT INDUS COMMISSION UNDERTAKEN ON 8TH
SEPTEMBER, 1961

The Permanent Indus Commission inspected on 8th September, 1961 (i) the right bank of the Sutlej Main between the Husainiwala weir and the Indo-Pakistan border at the request of the Pakistan Commissioner for Indus Waters and (ii) the right bank of the Sutlej Main for a distance of about 2,500 feet in West Pakistan beyond the Indo-Pakistan border at the request of the Indian Commissioner. The tour of inspection was undertaken under the provisions of Article VIII(4)(d) of the Indus Waters Treaty 1960.

2. The two Commissioners, during the tour of inspection, were accompanied by the following advisers :-

INDIA

1. Shri G.K. Vij.
2. Shri K.L. Ahuja.

Sd. (H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

PAKISTAN

Seyyad Z.H. Jafri.

Sd. (Khalil-ur-Rehman) T.P.K.
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Lahore 4th October, 1961.

APPENDIX B.2

RECORD OF THE SECOND TOUR OF INSPECTION
OF THE PERMANENT INDUS COMMISSION UNDER-
TAKEN ON 3RD OCTOBER, 1961.

The Permanent Indus Commission inspected on the 3rd October, 1961 (i) Deg Nallah between the point of off-take of the diversion channel and the border upstream and (ii) the diversion channel from its off-take upto its outfall into the Basantar Nallah. This tour was undertaken at the request of the Commissioner for Indus Waters, India under Article VIII(4)(d) of the Treaty.

2. The two Commissioners, during the tour of inspection were accompanied by the following advisers :-

India

1. Shri S.N. Ravikant.
2. Shri G.K.Vij.

Pakistan

1. Seyyad Z.H. Jafri,
2. Mian Khalil-ur-Rahman, I

Sd/- (H.C.Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/- (M.A.Hamid) S.Q.A.
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Lahore 4th October, 1961.

RECORD OF THE 3RD TOUR OF INSPECTION
OF THE PERMANENT INDUS COMMISSION
UNDERTAKEN DURING OCTOBER-NOVEMBER 1961.

The Permanent Indus Commission undertook a tour of inspection from 28th October to 1st November 1961 and inspected the following works and sites on the dates shown against each :-

<u>S.No.</u>	<u>Works and sites.</u>	<u>Date or dates on which inspected.</u>
1.	Dal Regulator	28.10.1961
2.	Dachhigam Hydro-Electric Plant	28.10.1961
3.	Bandipura Hydro-Electric Plant	29.10.1961
4.	Mahora Hydro Electric Plant	29.10.1961
5.	Kupwara Hydro-Electric Plant	29.10.1961
6.	Wooler Lake	29.10.1961
7.	Pahalgam Hydro-Electric Plant	30.10.1961
8.	Haigam Jinnal Regulator	31.10.1961
9.	Ganderbal Hydro-Electric Plant	31.10.1961
10.	Jhelum Main between Sopore and Khadanyar	29.10.1961 31.10.1961
11.	Chattabal Weir	1.11.1961

As authorised by the Commission, the inspection of item Nos. 5 and 7 of the above list was, however, carried out on its behalf by Shri G.K. Vij of India and Mian Khalil-ur-Rahman and Syed Ahmad Husain of Pakistan.

2. This tour of inspection was undertaken at the request of Pakistan Commissioner for Indus Waters, under Article VIII(4)(d) of the Treaty.

3. During the tour of inspection, the two Commissioners were accompanied by the following Advisers:-

INDIA

1. Shri G.K. Vij,
2. Dr. J.K. Malhotra.

PAKISTAN

1. Mian Khalil-ur-Rahman, T.Pk.
2. Syed Ahmad Hussain.

Sd/-(H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/-(M.A. Hamid) S.Q.A.
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Karachi, 2nd February, 1962.

APPENDIX B.4

RECORD OF THE 4TH TOUR OF INSPECTION OF
THE PERMANENT INDUS COMMISSION UNDERTAKEN
DURING NOVEMBER 1961.

The Permanent Indus Commission undertook a tour of inspection from 9th to 15th November 1961 and inspected the following works and sites on the dates shown against each:-

<u>Sl. No.</u>	<u>Works and Sites</u>	<u>Date on which inspected.</u>
(1)	Charah Dam Site	10.11.61
(2)	Hydro-Electric Plant near Muzaffarabad (Abandoned)	11.11.61
(3)	Hydro-Electric Plant at Naran	12.11.61
(4)	Mangla Dam	13.11.61
(5)	Kotli Canal R.D. 0 to 20000	14.11.61

As authorised by the Commission, the inspection of the reach R.D. 0 to 12000 of the Kotli canal was, however, carried out on its behalf by Shri G.K.Vij, and Dr. J.K.Malhotra, of India and Messrs. Z.H. Jafri and Manzur Ahmad of Pakistan.

2. This tour of inspection was undertaken at the request of the Commissioner for Indus Waters, Government of India under Article VIII(4)(d) of the Treaty.

3. During this tour of inspection, the Pakistan Commissioner for Indus Waters was Mr. M.A. Hamid on 9th and 10th November 1961 and Mian Khalil-ur-Rahman from 11th to 15th November 1961.

4. During the tour of inspection, the two Commissioners were accompanied by the following Advisers:-

INDIA

1. Shri G.K.Vij
2. Dr. J.K. Malhotra

PAKISTAN

1. Sayyed Z.H. Jafri
2. Mr. Manzur Ahmad

Sd/-(H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/-(Mian Khalil-ur-Rahman)T.Pk
Pakistan Commissioner for Indus
Waters,
Government of Pakistan.

Karachi
2nd February 1962.

APPENDIX B.5

RECORD OF THE 5TH TOUR OF INSPECTION OF
THE PERMANENT INDUS COMMISSION UNDERTAKEN
DURING NOVEMBER 1961.

The Permanent Indus Commission undertook a tour of inspection from 23rd to 27th November 1961 and inspected the following works and sites on the dates shown against each :-

<u>Sl.No.</u>	<u>Works and Sites</u>	<u>Date on which inspected</u>
1.	Ranbir Canal Hydro-Electric Plant	23.11.1961
2.	Head regulators of Ranbir and Partap Canals	23.11.1961
3.	Poonch Hydro-Electric Plant	24.11.1961
4.	Rajouri Hydro-Electric Plant	24.11.1961
5.	Udhampur Hydro-Electric Plant	25.11.1961
6.	Chinani Hydro-Electric Plant	25.11.1961

2. This tour of inspection was undertaken at the request of Pakistan Commissioner for Indus Waters, under Article VIII(4)(d) of the Treaty.

3. During the tour of inspection, the two Commissioners were accompanied by the following Advisers :-

<u>INDIA</u>	<u>PAKISTAN</u>
1. Shri G.K.Vij	1. Sayyed Z.H. Jafri
2. Dr. J.K. Malhotra	2. Mr. Manzur Ahmad

Sd/-(H.C.Kalra)
Commissioner for Indus Waters
Government of India.

Sd/-(Mian Khalil-ur-Rahman)
T.Pk.
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Karachi
2nd February 1962.

APPENDIX B.6

RECORD OF THE 6TH TOUR OF INSPECTION
OF THE PERMANENT INDUS COMMISSION
UNDERTAKN DURING DECEMBER 1961

The Parmanent Indus Commission inspected on 6th and 7th December 1961, the Hudiara Drainage System in India. This tour of inspection was undertaken at the request of the Pakistan Commissioner for Indus Waters, under Article VIII(4)(d) of the Treaty.

2) During the tour of inspection, the two Commissioners were accompanied by the following Advisers :-

INDIA.

1. Shri G.S. Sidhu
2. Shri G.K. Vij

PAKISTAN.

1. Sayyed Z.H. Jafri.
2. Mian Khalil-ur-Rahman,

Sd/- (H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/- (M.A. Hamid) S.O.A.
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Karachi
2nd February 1962.

APPENDIX B.7

RECORD OF THE 7TH TOUR OF INSPECTION OF THE
PERMANENT INDUS COMMISSION UNDERTAKEN ON
8TH DECEMBER 1961.

The Permanent Indus Commission inspected on 8th December 1961, the following works in Pakistan :-

- i) Kasur Nala.
- ii) Kasur Nala Diversion into Sutlej River upstream of Hussainiwala Headworks.
- iii) Right Marginal Bund of Hussainiwala Headworks from R.D. 22560 to 34000.

This tour of inspection was undertaken at the request of the Commissioner for Indus Waters, Government of India, under Article VIII(4)(d) of the Treaty

2. During the tour of inspection, the two Commissioners were accompanied by the following Advisers :

- INDIA
1. Shri G.S. Sidhu
 2. Shri G.K. Vij

- PAKISTAN
1. Sayyed Z.H. Jafri
 2. Mian Khalil-ur-Rahman,
T.Pk.

Sd/- (H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/- (M.A. Hamid) S.O.A.
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Karachi
2nd February 1962.

APPENDIX B.8

RECORD OF THE 8TH TOUR OF INSPECTION OF THE
PERMANENT INDUS COMMISSION UNDERTAKEN ON THE
22ND FEBRUARY, 1962.

The Permanent Indus Commission inspected on the 22nd February, 1962, the following works in Pakistan.

- i) Left and Right upstream Marginal Bunds of Suleimanke headworks.
- ii) Outfall of the B.S. Link.
- iii) Outfall of the Fazilka Drain.
- iv) Outfall of the Salimshah Drain.

This tour of inspection was undertaken at the request of the Commissioner for Indus Waters, Government of India, under Article VIII(4)(d) of the Treaty.

2. During the tour of inspection, the two Commissioners were accompanied by the following Advisers:-

INDIA

1. Shri G.S. Sidhu
2. Shri K.L. Ahuja

Sd/- (H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

PAKISTAN

1. Sayyed Z.H. Jafri
2. Mian Khalil-ur-Rahman, T.P

Sd/- (M.A. Hamid) S.Q.A.
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Amritsar
14th March, 1962.

APPENDIX B.9

RECORD OF THE 9TH TOUR OF INSPECTION OF
THE PERMANENT INDUS COMMISSION UNDERTAKEN
ON THE 13TH MARCH 1962.

The Permanent Indus Commission inspected on the 13th March 1962, the following works in India :-

- (i) River Ravi as requested by the Pakistan Commissioner, starting downstream Jassar Railway Bridge up to a point opposite village Kamalpurkalan; and
- (ii) Basantar Nala in Ghania-ke-bet area.

This tour of inspection was undertaken at the request of the Pakistan Commissioner for Indus Waters, under Article VIII(4)(d) of the Treaty.

2. During the tour of inspection the two Commissioners were accompanied by the following advisers :-

INDIA

1. Shri G.S. Sidhu
2. Shri K.L. Ahuja

PAKISTAN

1. Sayyed Z.H. Jafri
2. Mian Khalil-ur-Rahman, T.Pk.,

Sd/- (H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/- (M.A. Hamid) S.Q.F.
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Amritsar
14th March 1962.

Appendix B.10

RECORD OF THE 10TH TOUR OF INSPECTION OF
THE PERMANENT INDUS COMMISSION UNDERTAKEN
ON THE 14TH MARCH 1962.

The Permanent Indus Commission inspected on the 14th March 1962, the flood embankments on left bank of Ravi Main in India, downstream of village Fatehpur in Pakistan (Latitude 31° - 48' North) to Sakki Nala.

This tour of inspection was undertaken at the request of the Pakistan Commissioner for Indus Waters, under Article VIII(4)(d) of the Treaty.

2. During the tour of inspection, the two Commissioners were accompanied by the following advisers :-

INDIA

1. Shri G.S. Sidhu
2. Shri K.L. Ahuja

PAKISTAN

1. Sayyed Z.H. Jafri
2. Mian Khalil-ur-Rahman, T.I

Sd: (H.C.Kalra)
Commissioner for Indus Waters,
Government of India.

Sd: (M.A.Hamid) S.Q.A.
Pakistan Commissioner
for Indus Waters,
Government of Pakistan

7 Amritsar
14th March 1962.

PERMANENT INDUS COMMISSION

ANNUAL REPORT

FOR

THE YEAR ENDED ON 31ST MARCH 1963

CONTENTS

1. Introductory
2. Meetings of the Commission
3. Special Tours of Inspection
4. General Tour of Inspection
5. General

ANNEXURE

Particulars of items discussed at the meetings of the Commission

APPENDICES

- A.1 Record of the Seventh Meeting of the Commission
- A.2 Record of the Eighth Meeting of the Commission
- A.3 Record of the Ninth Meeting of the Commission
- A.4 Record of the Tenth Meeting of the Commission

- B Record of the 11th Tour (Special Tour of Inspection)

- C.1 Record of the 12th Tour (First Part of the First General Tour of Inspection)
- C.2 Record of the 13th Tour (Second Part of the First General Tour of Inspection)
- C.3 Record of the 14th Tour (Third Part of the First General Tour of Inspection)
- C.4 Record of the 15th Tour (Fourth Part of the First General Tour of Inspection)

ANNUAL REPORT FOR THE YEAR
ENDED ON 31ST MARCH 1963

1. INTRODUCTORY

1.1 This is the Third Annual Report of the Permanent Indus Commission constituted in accordance with Article VIII(3) of THE INDUS WATERS TREATY 1960 and relates to the work of the Commission for the year ended on 31st March 1963.

1.2 During the year under report, the posts of the Commissioner for Indus Waters, Government of India, and the Commissioner for Indus Waters, Government of Pakistan, were held as follows :-

Commissioner for Indus Waters, Government of India

Shri H.C. Kalra	From	1. 4.62 to 11. 7.62
		27. 7.62 to 17.12.62
		25.12.62 to 31. 3.63

Shri G.K. Vij	From	12. 7.62 to 26. 7.62
		18.12.62 to 24.12.62

Commissioner for Indus Waters, Government of Pakistan

Mr. M.A. Hamid, S.Q.A.	From	1. 4.62 to 6. 4.62
		1. 5.62 to 9. 6.62
		1. 7.62 to 9. 7.62
		31. 7.62 to 17.11.62
		1.12.62 to 16.12.62
		23. 2.63 to 31. 3.63

Mian Khalil-ur-Rahman, T.Pk.	From	7. 4.62 to 30. 4.62
		10. 6.62 to 30. 6.62
		10. 7.62 to 30. 7.62
		18.11.62 to 30.11.62
		17.12.62 to 22. 2.63

2. MEETINGS OF THE COMMISSION

2.1 Four meetings of the Commission were held during the year. These have been serially numbered as the Seventh to the Tenth Meetings of the Commission, in continuation of the six meetings held during the previous years.

2.2 The meetings were held alternately in India and Pakistan, at the places and on the dates given below :-

<u>Meeting</u>	<u>Venue</u>	<u>Dates</u>
Seventh	New Delhi	April 1- 3, 1962
Eighth	Rawalpindi	May 4- 8, 1962
Ninth	New Delhi	August 24-30, 1962
Tenth	Karachi	March 25-31, 1963

2.3 At these meetings, 23 items in all were discussed of which one item (General Tour of Inspection) is of a continuing nature. Of the remaining 22 items, 9 were disposed of during the year.

2.4 The particulars regarding each item discussed at these meetings, including the position as on 31st March 1963, are given in the Annexure.

2.5 Of the nine items disposed of during the year, the decisions on three items (Serial Nos. 3, 4 and 9) were taken by the

Commission and on six items (Serial Nos. 2, 5, 6, 7, 8 and 10) by the two Commissioners.

The question as to whether the discussions on the other items relate to the Commission, or to the two Commissioners (as distinct from the Commission), or to both the Commission and the two Commissioners (as distinct from the Commission), is still under examination.

2.6 Copies of the records of the Seventh to the Tenth Meetings are enclosed as Appendices A. 1 - A. 4.

3. SPECIAL TOURS OF INSPECTION

3.1 Under the provision of Article VIII(4)(d) of the Treaty, the Commission is required 'to undertake promptly, at the request of either Commissioner, a tour of inspection of such works or sites on the Rivers as may be considered necessary by him for ascertaining the facts connected with these works or sites'.

In this Report such a tour is referred to as a 'special tour of inspection', to distinguish it from the 'general tour of inspection' mentioned in Article VIII(4)(c) of the Treaty.

3.2 During the year under report, one special tour of inspection was undertaken by the Commission. This has been numbered as the 11th Tour of Inspection in continuation of the ten tours undertaken during the previous year. A copy of the Record of this tour containing the details is enclosed as Appendix B.

4. GENERAL TOUR OF INSPECTION

4.1 According to Article VIII(4)(c) of the Treaty, the Commission is required 'to undertake, once in every five years, a general tour of inspection of the Rivers for ascertaining the facts connected with various developments and works on the Rivers'. The general tour of inspection for the first 5-year period (1st April 1960 to 31st March 1965) is hereinafter called the 'First General Tour'.

4.2 The Treaty entered into force, upon the exchange of ratifications, on 12th January 1961, i.e. nearly a year after the Effective Date, viz, 1st April 1960. Due to the preoccupation of the Commissioners with various other matters concerning the implementation of the Treaty, the planning for the First General Tour could not be taken up by the Commission earlier than its Sixth Meeting, held in Karachi from 29th January to 3rd February 1962. It was then felt that the First General Tour should be commenced as early as possible, as two out of the first five years had almost expired.

4.3 For the reasons mentioned above, a start on the First General Tour was made only in the year under report. During this year, the Commission undertook four parts of the First General Tour in May 1962, July 1962, December 1962 and January 1963, and inspected certain reaches of The Indus, The Cherab, The Ravi, The Beas and The Sutlej.

4.4 The four Parts of the First General Tour undertaken during the year have been serially numbered as the 12th to the 15th Tours of Inspection of the Commission, in continuation of the 11 special tours of inspection undertaken previously. Copies of the Records of the four Parts of the First General Tour containing the details are enclosed as Appendices C.1 - C.4.

4.5 The Commission feels that the frequency of the tours would have to be increased during the remaining two years, as only four parts of the First General Tour had been undertaken during the year under report against about 12 to 14 that might have to be undertaken by 31st March 1965.

4.6 The Commission has planned to undertake the 5th and the 6th Parts of the First General Tour in June and July 1963 respectively.

5. GENERAL

The Commission is happy to record that, during the year under report, its work was marked by a spirit of good-will, understanding and co-operation.

Sd/- (H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/- (M.A. Hamid) S.Q.A.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

New Delhi,
26th April 1963.

PARTICULARS OF ITEMS DISCUSSED AT THE MEETINGS OF THE COMMISSION

Serial No. :	Item discussed :	Meeting at which discussed :	Position as on 31st March 1963 :
1.	First General Tour of Inspection (Article VIII(4)(c))	Seventh, Eighth, Ninth and Tenth	This item is of a continuing nature.
2.	Status of different forms of communication between the Commissioners (Article VIII(1))	Seventh	This item has been disposed of through correspondence.
3.	Finalisation of the Record of the 11th Tour of Inspection (Article VIII(4)(d))	Seventh	The Record was finalised.
4.	Preparation of the Second Annual Report (Article VIII(8))	Seventh and Eighth	The Report was finalised and submitted to the Government of India and the Government of Pakistan on 7th May 1962.
5.	Exchange of water-accounts of the distribution of waters, as at Ferozepore, for the period April 1-10, 1962 (Paragraph 47 of Annexure H)	Eighth	The water-accounts were exchanged.
6.	Transmission of daily gauge and discharge data on a daily basis (Article VI(1))	Ninth	This item has been disposed of.
7.	Reimbursement of the cost of transmission of data under Article VI(1) for the year ended on 31st March 1961	Ninth	This item has been disposed of.
8.	Arrangements for refixing of conveyance loss from the head of the Madhopur-Beas Link to the junction of the Chakki torrent with the Beas Main (Paragraph 45(c) of Annexure H)	Ninth and Tenth	This item has been disposed of.
9.	Modification of Form No. 2 of the Forms of water-account (Paragraph 41 of Annexure H)	Tenth	Form No. 2 was modified.
10.	Date for reimbursement of cost of transmission of data by telegram, telephone or wireless (Article VI(1))	Tenth	This item has been disposed of.

Serial: No. :	Item discussed	Meeting at which discussed :	Position as on 31st March 1963
11.	Form of certificate relating to reimbursement of cost of transmission of data by telegram, telephone or wireless (Article VI(1))	Seventh	This item is still under consideration.
12.	Measures for the recovery, and restoration to owners, of timber and other property (Article IV(11))	Seventh, Ninth and Tenth	This item is still under consideration.
13.	Discharge Tables of M.B.L. and Lahore Branch (Paragraph 19 of Annexure H)	Seventh and Tenth	This item is still under consideration.
14.	Supply of data relating to the drainages listed in Article IV(4)	Ninth and Tenth	The two Commissioners agreed that the data be despatched by each to the other on 15th April 1963.
15.	Supply of G.B.D.C. gauge and discharge data to Pakistan	Ninth	This item is still under consideration.
16.	Procedure for signing of the enclosures to communications between the Commissioners (Article VIII(1))	Ninth	This item is still under consideration.
17.	Water-accounts at Ferozepore for the periods from April 1-10 to May 1-10, 1962 (Part 6 of Annexure H)	Ninth and Tenth	This item is still under consideration.
18.	Annual Report for the year ended on 31st March 1963	Tenth	Alternative drafts were considered and it was decided to finalise the Report at the next meeting of the Commission.
19.	Request by Pakistan that India set up Wireless Stations for transmitting flood warnings to Pakistan (Article VII(1))	Tenth	This item is still under consideration.
20.	Maintenance of Salimshah and Fazilka Drains in Pakistan (Article IV(4))	Tenth	This item is still under consideration.
21.	Request by India for the construction of a drainage syphon under Fordwah and Sadiqia Canals (Article VII(1)(b))	Tenth	This item is still under consideration.
22.	Rs. 22 crore flood protection scheme and the dredging of river Jhelum between Sopore and Khadanyar	Tenth	This item is still under consideration.
23.	Diversion of the Deg Nallah into the Basantar Nallah in Pakistan	Tenth	This item is still under consideration.

RECORD OF THE SEVENTH MEETING OF THE PERMANENT
INDUS COMMISSION UNDER THE INDUS WATERS TREATY
1960 HELD AT NEW DELHI FROM 1ST APRIL TO 3RD
APRIL 1962.

PRESENT

PERMANENT INDUS COMMISSION

Shri H.C. Kalra,
Commissioner for Indus Waters,
Government of India.

Mr. M.A. Hamid, S.Q.A.,
Pakistan Commissioner for
Indus Waters.

ADVISERS TO COMMISSIONERS

1. Shri G.K. Vij,
Chief Engineer,
Ministry of Irrigation and
Power, Government of India.

1. Sayyed Z.H. Jafri,
Deputy Chief Engineer,
West Pakistan Irrigation
Department.

2. Dr. J.K. Malhotra,
Additional Commissioner
for Indus Waters,
Government of India.

2. Mian Khalil-ur-Rahman, T.Pk.,
Additional Commissioner
for Indus Waters,
Government of Pakistan.

3. Shri K.L. Ahuja,
Deputy Indus Commissioner,
Government of India.

3. Mr. Ijaz Nabi,
Deputy Indus Commissioner,
Government of Pakistan.

The Commission studied such information as was made available by the two Commissioners regarding the general tour of inspection of certain reaches of The Indus, The Chenab and The Beas to be undertaken under Article VIII(4)(c) of the Treaty. The Commissioner for Indus Waters, Government of India pointed out the hazards, difficulties, and the serious risks likely to be encountered in undertaking a tour in the head reaches of The Chenab. The Commission agreed that additional information regarding the relevant factors e.g. mode of journey, the time likely to be taken in undertaking inspection of various reaches of the Rivers, camp and other necessities, suitable times for undertaking each tour etc., etc., should be collected.

It was also agreed that the two Commissioners would work out tentative programme commencing about the middle of May 1962 for inspection of certain works and reaches on The Indus, The Chenab and The Beas for discussion in the next meeting of the Commission to be held in Pakistan in early May 1962.

2. The Commission considered the question of preparation of the Annual Report for the year ended on 31st March 1962 and agreed to the following tentative headings under which each Commissioner would prepare a draft of the Report for finalisation at the next meeting of the Commission

- (i) Introductory.
- (ii) Meetings of the Commission.
- (iii) Special Tours of Inspection
(Article VIII(4)(d).)
- (iv) General Tour of Inspection
(Article VIII(4)(c).)
- (v) General.

3. The ~~two Commissioners~~ discussed briefly the following items :

- (a) Reimbursement of cost of transmission of data by telegram, telephone or wireless. (Article VI(1)).

- (b) Measures for the recovery, and restoration to owners, of timber and other property. (Article IV(11)).
- (c) Discharge tables of M.F.L. and Lahore Branch. (Paragraph 19 of Annexure H).
- (d) Status of different forms of communication between the Commissioners (Article VIII(1)).

Sd/- (H.G. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/- (M.A. Hamid) S.Q.A.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

NEW DELHI,
April 3, 1962.

Appendix A.2

RECORD OF THE EIGHTH MEETING OF THE
PERMANENT INDUS COMMISSION HELD AT
RAWALPINDI FROM 4TH TO 8TH MAY 1962.

P R E S E N T

PERMANENT INDUS COMMISSION

Shri H.C. Kalra,
Commissioner for Indus Waters,
Government of India.

Mr. M.A. Hamid, S.Q.A.
Pakistan Commissioner for
Indus Waters,
Government of Pakistan

ADVISERS TO COMMISSIONERS

1. Shri G.K. Vij,
Chief Engineer,
Ministry of Irrigation &
Power,
Government of India.

1. Sayyed Z.H. Jafri
Chief Engineer,
Irrigation Department,
West Pakistan.

2. Dr. J.K. Malhotra,
Additional Commissioner
for Indus Waters,
Government of India.

2. Mian Khalil-ur-Rahman,
T.Pk.,
Additional Commissioner
for Indus Waters,
Government of Pakistan.

3. Shri K.L. Ahuja,
Deputy Indus Commissioner,
Government of India.

3. Mr. Manzur Ahmad, T.Q.A.
Deputy Engineering
Adviser,
Government of Pakistan.

The Commission finalised its Annual Report for the year ended on 31st March 1962 and submitted it to the Government of India and the Government of Pakistan on 7th May 1962.

2. The Commission studied the additional information made available by the two Commissioners, in connection with the chalking out of a programme for undertaking a general tour of inspection of the Indus from near Marol to Attock and of the Chenab down to near Merala. It discussed the tentative tour programmes prepared by the two Commissioners and chalked out the programme for that part of the general tour which is to be arranged by India in May 1962 and by Pakistan in June 1962.

3. The Commission finalised the Record of the Eleventh Tour of Inspection of the Commission undertaken on 8th April 1962.

: 2 :

The Commissioners exchanged the water-accounts of the distribution of waters, as at Ferozepore, for the period April 1-10, 1962. This was done in accordance with the provisions of Paragraph 47 of Annexure H to the Treaty.

Sd/- H.C. Kalra
Commissioner for Indus
Waters,
Government of India.

Sd/- M.A.Hamid S.O.A.
Pakistan Commissioner for Indus
Waters,
Government of Pakistan.

Rawalpindi

8th May, 1962.

RECORD OF THE NINTH MEETING OF THE PERMANENT INDUS
COMMISSION HELD AT NEW DELHI FROM 24TH TO 30TH AUGUST,
1962.

PRESENT

PERMANENT INDUS COMMISSION

Shri H.C.Kalra,
Commissioner for Indus Waters,
Government of India.

Mr. M.A. Hamid, S.Q.A.,
Pakistan Commissioner for
Indus Waters, Government
of Pakistan.

ADVISERS TO COMMISSIONERS

1. Shri G.K.Vij,
Chief Engineer,
Ministry of Irrigation
and Power, Government
of India.

1. Sayyed Z.H. Jafri,
Chief Engineer,
Irrigation Department,
West Pakistan.

2. Dr. J.K. Malhotra,
Additional Commissioner
for Indus Waters,
Government of India.

2. Mian Khalil-ur-Rahman, T.Pk.,
Additional Commissioner for
Indus Waters, Government of
Pakistan.

3. Shri K.L.Ahuja,
Deputy Indus Commissioner,
Government of India.

3. Mr. Manzur Ahmad, T.Q.A.,
Deputy Engineering Adviser,
Government of Pakistan.

4. Shri D.V. Gulati,
Deputy Director,
Ministry of Irrigation
and Power, Government
of India.

4. Syed Habibur Rehman,
Deputy Commissioner for
Indus Waters, Government
of Pakistan.

5. Shri H.C. Dhawan,
Deputy Director,
Ministry of Irrigation
and Power, Government
of India.

The Commission took up the question of undertaking the General Tour of Inspection of the following reaches of the Rivers which might be left over from the programme for the six months ending September 1962 :-

- (1) The Chenab from Rohtang to Kishtwar;
- (2) The Beas from Rohtang to Mandi Plain;
- (3) The Indus above Sasli to near Marole; and
- (4) The Indus from Harban to Attock.

In the case of (1) above, the Commissioner for Indus Waters, Government of India, pointed out the serious hazards to life due to narrow and treacherous paths in trekking certain parts of the reach from Shansha to Sassu. Similarly, the Pakistan Commissioner for Indus Waters pointed out that hazards to life might be involved in certain portions of (4) above. He promised to look into the matter and to indicate to the Commissioner for Indus Waters, India, such portions, if any, when the two Commissioners meet next.

The Commissioner for Indus Waters, India, suggested, for consideration of the Commission, that the general tour to be undertaken by the Commission might cover only such portions in which no risk to life was involved. The Pakistan Commissioner for Indus Waters desired to examine this suggestion.

The Commissioner for Indus Waters, India, offered to arrange one part of the general tour either from Rohtang to Shansha or from Kishtwar to Sassu, in the second half of September. The Commission decided, at the request of the Pakistan Commissioner for Indus Waters, that the tour of the reach from Rohtang to Sassu should be postponed to the summer of 1963 and that from Kishtwar to Sassu to the later part of the winter of 1962-63 or early summer of 1963.

The Commission also decided that the two parts of the general tour to be arranged by India in the six months commencing October 1962 might cover the Beas from Pong Dam site to Mandi Plain, the Ravi near about Madhopur and the Sutlej to the extent feasible between Bhakra and Suleimanke.

p.t.o....

The Commission further decided that Pakistan might arrange in the same six months two parts of the general tour of inspection of The Indus from Harban to Attock.

2. The two Commissioners discussed the following items:-

- (i) Supply of data relating to the drainages listed in Article IV(4).

Each Commissioner informed the other of the details of the data available with him in respect of these drainages. It was agreed to discuss this matter further at a later meeting.

- (ii) Transmission of daily gauge and discharge data on a daily basis under Article VI(1).

The two Commissioners agreed to recommend to their respective Governments that each Government authorise, under the provisions of Article VIII(1) of the Treaty, certain officers other than its Commissioner, to supply, on its behalf, the data on a daily basis under Article VI(1). This authorisation would be without prejudice to the views held by either side. Two tentative drafts were prepared by the Commissioners for consideration by the two Governments.

- (iii) Measures for recovery, and restoration to owners, of timber and other property (Article IV(11)).

The Commissioner for Indus Waters, Government of India, stated that some timber had been recovered by Pakistan during 1961 but it had not yet been restored to owners because the appropriate measures to be adopted under Article IV(11) of the Treaty had not yet been finalised. He expressed his deep concern over this matter and made certain suggestions for its early restoration or disposal. He requested the Pakistan Commissioner to take some very early action, on an ad hoc basis, without prejudice to the final procedure that might be adopted by the Parties.

The Commissioner for Indus Waters, Government of India also put forward certain suggestions in regard to the appropriate measures for recovery and restoration of timber under Article IV(11).

The Pakistan Commissioner for Indus Waters stated that he would try to find an early solution, on an ad hoc basis, for the timber already recovered. For the general procedure he stated that he would examine the suggestions now made by the Commissioner for Indus Waters, Government of India.

- (iv) Reimbursement of cost of transmission of data under Article VI(1) for the year ended on 31st March 1961

The two Commissioners agreed upon the drafts of the letters that would be exchanged in connection with the reimbursement of the cost of transmission of data by telegram under Article VI(1), for the year ended on 31st March 1961.

- (v) Arrangements for refixing of conveyance loss from the head of the Madhopur-Beas Link to the junction of the Chakki torrent with the Beas Main (Paragraph 45(c) of Annexure H)

The Commissioner for Indus Waters, Government of India, informed the Pakistan Commissioner that Gulpur Chakki, a tributary of the Chakki torrent, had changed its course and carved out an independent outfall into the Beas Main. He said that he was also studying some further data in this connection. After a preliminary exchange of views it was agreed to discuss this at a subsequent meeting after inspecting the site.

- (vi) Supply of C.B.D.C. gauge and discharge data to Pakistan.

This item was discussed and some alternatives were considered. It was decided to examine these alternatives and discuss this matter further at a subsequent meeting.

- (vii) Procedure for signing of the enclosures to communications between the Commissioners (Article VIII(1)).

The two Commissioners agreed to examine the suggestion that each Commissioner have a seal to be affixed on the enclosures to the communications between the Commissioners.

- (viii) Water-accounts at Ferozepore for the periods from April 1-10 to May 1-10, 1962 (Part 6 of Annexure H).

The two Commissioners exchanged views on the disparities between the Water-accounts prepared by the two sides and agreed to discuss the matter at a subsequent meeting.

Sd/- H.C.Kalra
Commissioner for Indus Waters,
Government of India.

Sd/- M.A.Hamid, S.Q.A.,
Pakistan Commissioner for
Indus Waters, Government
of Pakistan.

New Delhi,
30th August, 1962.

Present

Permanent Indus Commission

Shri H.C. Kalra,
Commissioner for
Indus Waters,
Government of India.

Mr. M.A. Hamid, S.Q.A.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Advisers to Commissioners

1. Shri G.K. Vij,
Chief Engineer,
Ministry of
Irrigation & Power
Government of India.

1. Mian Khalil-ur-Rahman, T.PK.,
Additional Commissioner for
Indus Waters,
Government of Pakistan.

2. Dr. J.K. Malhotra,
Additional Commissioner
for Indus Waters,
Government of India.

2. Mr. Manzur Ahmad, T.Q.A.,
Deputy Engineering Adviser,
Government of Pakistan.

3. Shri K.L. Ahuja,
Deputy Indus
Commissioner,
Government of India.

3. Sayed Habib-ur-Rahman,
Deputy Commissioner for
Indus Waters,
Government of Pakistan.

4. Mian Ijaz Nabi,
Deputy Commissioner for
Indus Waters,
Government of Pakistan.

5. Mr. Zafar Ahmad Khan Burki,
Executive Engineer,
Irrigation and Power
Department, West Pakistan.

1. General Tour of Inspection (Article VIII (4) (c))

The Commission felt that the frequency of tours would have to be increased, as during the current year only four parts of the Tour had been undertaken against about 12 to 14 that might have to be undertaken in the remaining two years of the first 5-year period.

As regards the subsequent parts of the General Tour of Inspection to be undertaken before the end of the first 5-year period i.e. by the 31st March, 1965, the Commission discussed the tentative groupings of the various reaches of the Rivers, each group to form a separate part of the General Tour.

The Commission agreed that inspection of the upper reaches of The Cherab and The Beas would constitute the 5th part and that of the lower reaches of The Ravi, The Sutlej and The Cherab and the Indus Main near Taunsa would constitute the 6th part of the General Tour of Inspection, to be arranged respectively by India in June 1963 and by Pakistan in July 1963.

With regard to the proposal of the Pakistan Commissioner for the inclusion, in the record of the Commission, of certain information collected by the Commissioners to enable the programme of various parts of the General Tour to be chalked out, it was decided to postpone the discussion of this proposal to the next meeting.

2. Modification of Form No. 2 of the Forms of
Water-account (Paragraph 41 of Annexure H).

The Commission modified, under the provisions of Paragraph 41 of Annexure H, Form No. 2 of the Forms of Water-account at Ferozepore for Phase I. A copy of the modified Form No. 2 is attached as Annexure I to this record.

3. Annual Report for the year ending 31st March, 1963.

The Commission discussed the question of preparing the Annual Report on its work for the year ending 31st March 1963, and decided to finalise this report at the next meeting of the Commission to be held at New Delhi during April, 1963.

4. The two Commissioners discussed the following items :-

- (i) Arrangements for refixing of conveyance loss from the head of the Madhopur-Beas Link to the junction of The Chakki torrent with the Beas Main (Paragraph 45(c) of Annexure H).

The two Commissioners agreed that Paragraph 45(c) of Annexure H be deleted on account of the Form No. 2 of the Forms of Water-account at Ferozepore having been modified by the Commission, as mentioned in paragraph 2 above. They further agreed to take appropriate action, in this connection, towards an exchange of letters between the two Governments, as required under the provisions of Paragraph 67 of Annexure H.

- (ii) Supply of data relating to the drainages listed in Article IV(4) of the Treaty.

The two Commissioners agreed that the data relating to the drainages listed in Article IV(4) be despatched by each side to the other on 15th April 1963.

- (iii) Reimbursement of cost of transmission of data by telegrams, telephone or wireless (Article VI(1)).

Previously, the two Commissioners had agreed that the cost of transmission of data by telegram, telephone or wireless under the provisions of Article VI(1) of the Treaty, for each year ending 31st March should be reimbursed by the 31st July of the following year. In view of the difficulties explained by the Pakistan Commissioner, the two Commissioners agreed to change the target date for reimbursement to 31st August.

- (iv) Water-accounts at Ferozepore for the periods from April 1-10- May 1-10, 1962 (Part 6 of Annexure H).

The two Commissioners discussed the matter in detail and agreed to examine it further before taking it up again at their next meeting.

- (v) Request by Pakistan that India set up Wireless Stations for transmitting flood warnings to Pakistan (Article VII(1)).

The two Commissioners discussed this item and the Indian Commissioner supplied certain clarifications regarding the arrangements for setting up the three Wireless Stations at Ramban, Udhampur and Laushera. It was decided that the principles of an agreement between the Parties on the formal arrangements for this purpose would be discussed at the next meeting of the Commission.

- (vi) Maintenance of Slimshah and Fazilka drains in Pakistan (Article IV(4)).

The two Commissioners discussed the above item and exchanged their views on the subject. They agreed to discuss it further at

the 12th meeting of the Commission.

(vii) Request by India for construction of a drainage syphon under Fordwah and Sadiqia Canals (Article VII(1)(b)).

The two Commissioners discussed the request by India for the construction of a drainage syphon under Fordwah and Sadiqia Canals and of a drain in Pakistan, in continuation of a proposed drain in India. In reply to a query, the Indian Commissioner clarified that the request made by him under Article VII of the Treaty related to Paragraph 1(b) of that Article.

During the discussion the Pakistan Commissioner stated :

- (i) He would like to have full data regarding the drainage system in India for a complete appraisal of the request by India, and indicated the additional data required.
- (ii) He would like the Indian Commissioner to verify the figure of catchment area communicated by him and also verify whether the proposed drain had been aligned along the lowest levels.

The Indian Commissioner stated that he had already supplied the relevant data for design of new drainage works in Pakistan. The Pakistan Commissioner did not agree with the view that "full" data had already been supplied to him. The Indian Commissioner, therefore, suggested that since the Pakistan Commissioner considered that full data had not been supplied, the same might be specified as early as possible in a letter together with any other point that he would like to be examined. The Indian Commissioner requested that Pakistan Commissioner to have the new drainage works in Pakistan ready, if possible, before the monsoons of 1964.

(viii) Revision of discharge tables of M.B.L. and Lahore Branch (Paragraph 19 of Annexure H).

The two Commissioners discussed the question raised by the Pakistan Commissioner that the existing discharge tables of M.B.L. and Lahore Branch should be revised. They considered that the question required to be examined further after which it would be discussed in a subsequent meeting.

(ix) Rs. '22 crore flood protection scheme and the dredging of River Jhelum between Sopore and Ibadanyar.

The Pakistan Commissioner requested the Indian Commissioner to supply the remaining data regarding the above mentioned scheme at an early date to enable him to assess the effects of the scheme on the supplies reaching Pakistan. The Indian Commissioner replied that he had recently received the Pakistan Commissioner's letter answering his earlier query whether the request was covered by the provisions of Article VI(2) of the Treaty and the matter was under examination.

(x) Diversion of the Deg Nallah into the Basantar Nallah in Pakistan.

The Commissioner for Indus Waters, Government of India, requested the Pakistan Commissioner to expedite supply of information already asked for by him regarding the scheme of diverting supplies from the Deg Nallah into the Basantar Nallah. The Pakistan Commissioner stated that the matter was under examination.

(xi) Measures for recovery, and restoration to owners of timber and other property (Article IV(11)).

The two Commissioners discussed the ad-hoc arrangements

for the disposal of the timber already collected in Pakistan. A pre-requisite for such arrangements, according to the Pakistan Commissioner, would be an agreement of the owners to the disposal by auction, of the timber collected in Pakistan upto 31st March 1963, assuming that such an agreement would be forthcoming, and without prejudice to the regular procedure that might be adopted by the Parties and to the views held by either Party as expressed in the correspondence between the Commissioners, the two Commissioners agreed to the following :-

- (a) The Commissioner, Government of India, will inform the Pakistan Commissioner that he has obtained the agreement of the owners to represent them.
- (b) The amount of the registration fees for the marks registered by the owners is normally payable in advance but has not been paid yet. Under the ad-hoc arrangements, the fees due for all the marks registered so far will be recovered from the total amount payable to the Indian Commissioner as the representative of the owners.
- (c) The timber will be auctioned in separate lots, by owners, as far as possible. Where the quantities of individual owners are rather small, the timber of more than one owner may be grouped for auction.
- (d) The Pakistan Commissioner explained the basis of his earlier proposal that the amount to be paid to the owners would be the sale proceeds limited to the ruling prices in Jammu or Pathankot for the Chenab or the Ravi timber respectively minus the appropriate charges on account of recovery, storage and restoration etc. The Indian Commissioner felt that there should be no such limitation but suggested, in the interest of an early disposal of the timber, that the amount to be paid to the owners might be limited to the prevailing Jammu or Batala price, as the case may be, after deducting from this price such charges as would have been incurred by the owners had their timber been recovered at a point just before the final entry of the river concerned into Pakistan and transported by the owners to Jammu or Batala, as the case may be. The Commissioners agreed to exchange information regarding these two alternatives and discuss the alternatives at their next meeting.
- (e) The Pakistan Commissioner will intimate, as early as possible, to the Indian Commissioner, the "appropriate charges" recoverable from each owner.
- (f) The Indian Commissioner will intimate to the Pakistan Commissioner the market prices at Jammu and Pathankot for the types and classes of timber that are normally floated in the rivers Chenab and Ravi.
- (g) The Pakistan Commissioner will intimate to the Indian Commissioner the details of the sale proceeds of the timber and the net amount to be paid to each owner.

- (h) If the charges recoverable from an owner on account of recovery, collection, storage etc. exceed the sale proceeds of his timber, the difference will not be recovered from the amount payable to the other owners and will be written off.

Sd/- H.C. Kalra
Commissioner for Indus Waters,
Government of India.

Sd/- M.A. Hamid S.Q.A.,
Pakistan Commissioner for Indus Waters
Government of Pakistan.

Karachi,
31st March, 1963.

Sharma
3.4.63.

FORM NO. 2 (Modified)

Estimation of the Beas Component at Ferozepore

(Paragraph 5 (d))

Water-accounting Period (Ferozepore Dates) ---19

Item	Particulars	Dates at site (with due allowance for time-lag)	Average value (cusecs)
1.a.	M.B. Link at head.		
1.b.	Escapage through silt ejector at R.D. 72723 UEDG.		
1.	Aggregate of (1.a) and (1.b).		
2.a.	Chakki torrent at Chakki Bank.		
2.	Aggregate of (1) and (2.a).		
3.a.	Chakki torrent opposite Madgarh (above its junction with Gulpur Chakki).		
3.b.	Gulpur Chakki at Ferry Site.		
3.	Aggregate of (3.a) and (3.b).		
4.a.	Ravi water transferred to The Beas through Chakki torrent and Gulpur Chakki = (1) or $\left[(1) \times (3) \div (2) \right]$ whichever is smaller.		
4.b.	Escapage through silt ejector at R.D. 134100 U.B.D.C.		
4.	Total Ravi water transferred to the Beas = (4.a) + (4.b).		
5.	Beas at Mirthal (upstream of the junction with Chakki torrent).		
6.	Aggregate of (3), (4.b) and (5).		
7.	River supply at Mandi Plain.		
8.	Ravi Component at Mandi Plain = (4) or $\left[(4) \times (7) \div (6) \right]$ which ever is smaller.		
9.	M.B. Link run-out allowance = Item (7) of Form 9.		
10.	Beas Component at Mandi Plain = (7) - (8) - (9).		
11.	Withdrawals by Shahnehr Canal.		
12.	Excess, if any, of Shahnehr Canal over 940 cusecs.		
13.	Withdrawals from The Beas by new canals constructed after the Effective Date, each with a capacity of more than 10 cusecs.		

Item	Particulars	Dates at site (with due allowance for time-lag)	Average value (cusecs)
14.	Equivalent of (13) at Mardi Plain.*		
15.	Abstraction (+) of flow waters by, or release (-) of stored waters from, reservoirs on The Beas.		
16.	Equivalent of (15) at Mardi Plain.*		
17.	Corrected Beas Component at Mardi Plain = (10) + (12) + (14) + (16).		
18.	Inflow from Western Beas.		
19.	Aggregate of (17) and (18).		
20.	Beas Component at Ferozepore = (19) multiplied by the appropriate factor for the period given in Paragraph C of Appendix I to this Annexure.		

* As determined in accordance with the provisions
of Paragraph 45(d).

Appendix B.

RECORD OF THE ELEVENTH TOUR OF INSPECTION OF
THE PERMANENT INDUS COMMISSION UNDERTAKEN ON
THE 8TH APRIL 1962

....

The Permanent Indus Commission inspected on the 8th April 1962, the following works in Pakistan:-

- (i) Ravi Main as requested by the Indian Commissioner starting opposite village Rura upto Indo-Pakistan Border below Jassar Railway Bridge; and
- (ii) Basantar Nallah from opposite village Chandarke to the point where it finally crosses into Pakistan.

This tour of inspection was undertaken at the request of the Commissioner for Indus Waters, Government of India, under Article VIII(4)(d) of the Treaty.

During the tour of inspection, the two Commissioners were accompanied by the following advisers:-

<u>INDIA</u>	<u>PAKISTAN</u>
1. Shri K.L. Bhatia	1. Sayyed Z.H. Jafri
2. Shri G.K. Vij	2. Mian Ijaz Nabi

Sd/- H.C. Kalra
Commissioner for Indus Waters,
Government of India

Sd/- Khalil-ur-Rahman
T.Pk.,
Pakistan Commissioner for
Indus Waters, Government
of Pakistan.

Rawalpindi

7th May, 1962.

RECORD OF THE TWELFTH TOUR OF INSPECTION
UNDERTAKEN BY THE PERMANENT INDUS COMMISSION
FROM 22ND TO 29TH MAY 1962, AS THE FIRST PART
OF THE FIRST GENERAL TOUR OF INSPECTION UNDER
ARTICLE VIII(4)(c) OF THE INDUS WATERS TREATY
1960.

The Commission undertook the first part of the First General Tour of Inspection, under Article, VIII(4)(c) of the Treaty, from 22nd to 29th May 1962 and inspected the following on The Chenab:-

Sl.No.	The Rivers inspected	Date or dates on which inspected
(1)	The Chenab Main from its confluence with Maru Sudhar river to its confluence with Bichlari river.	24th and 25th May 1962.
(2)	The Chenab Main near the two ends of the Salal loop and from the downstream end of the loop to the gauge site near Riasi.	23rd May 1962.
(3)	The right arm of the Chenab Main from near Akhnur to Nawanshehar and the left arm of the Chenab Main up to its confluence with the Wadi Tawi.	27th and 28th May 1962.
(4)	Munrawar Tawi from its crossing with Jammu-Ghhamb road to the gauge site near Chaprial.	27th May 1962.
(5)	Jammu Tawi from Chenani to Udampur and from near Nagrota to near Jammu, and Wadi Tawi near Rapur, near Sandhwan and its confluence with the left arm of the Chenab Main.	24th and 28th May 1962.

While inspecting the river reaches referred to above, the Commission also inspected the tributaries and sub-tributaries to the extent visible.

2. As authorised by the Commission, the inspection of the Chenab Main near its confluence with the Maru Sudhar River and of the Wadi Tawi referred to in Serial No. 5 of paragraph 1 above, was carried out, on its behalf, by the advisers named in paragraph 3 below.

3. The following advisers accompanied the Commissioners:-

INDIA

1. Shri G.K. Viti,
Chief Engineer,
Ministry of Irrigation
and Power.
2. Shri K.L. Ahuja,
Deputy Indus Commissioner,
Government of India.

PAKISTAN

1. Sayyed Z.H. Jafri,
Chief Engineer,
Irrigation Department,
Government of West Pakistan
2. Mian Khalil-ur-Rahman, T.Pk.,
Additional Commissioner for
Indus Waters, Government of
Pakistan.

Sd/-
(H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/-
(M.A. Hamid) S.Q.A.,
Pakistan Commissioner for Indus Waters.

JAMMU,
Dated the 29th May, 1962.

APPENDIX C.2

RECORD OF THE THIRTEENTH TOUR OF INSPECTION OF THE
PERMANENT INDUS COMMISSION UNDERTAKEN FROM 12TH TO
26TH JULY 1962, AS THE SECOND PART OF THE FIRST
GENERAL TOUR OF INSPECTION UNDER ARTICLE VIII(4)(c)
OF THE INDUS WATERS TREATY 1960.

.....

The Commission undertook the second part of the First General Tour of Inspection, under Article VIII(4)(c) of the Treaty, from 12th to 26th July 1962 ~~and 1962~~ and inspected the following on The Indus :-

<u>Sl. No.</u>	<u>Rivers inspected</u>	<u>Date or dates on which inspected</u>
(1)	Gilgit river, and its tributaries to the extent visible, from the confluence of Ghizar and Yasin rivers to the confluence of Gilgit river with the Indus Main.	14th and 16th July 1962
(2)	The Indus Main, and its tributaries to the extent visible, from opposite village Sasli to its confluence with Harban Nala.	16th, 17th, 22nd and 23rd July, 1962.
(3)	Astor river, and its tributaries to the extent visible, from opposite village Rattu to its confluence with the Indus Main.	17th and 18th July 1962
(4)	Thak gah, and its tributaries to the extent visible, from Babusar pass to its confluence with the Indus Main.	23rd and 24th July 1962

2. As authorised by the Commission, the inspection of the Indus Main, and its tributaries to the extent visible, from opposite Chilas to its confluence with Harban Nala, was carried out, on its behalf, by the advisers named in paragraph 3 below.

3. The following advisers accompanied the Commissioners :-

<u>India</u>	<u>Pakistan</u>
1. Shri B.N. Mengi.	1. Sayyed Z.H. Jafri.
2. Shri K.L. Ahuja.	2. Sayed Habibur Rehman.

Sd/- G.K. Vij
Commissioner for Indus Waters,
Government of India.

Sd/- Khalil-ur-Rahman, T.Pk.,
Pakistan Commissioner for Indus Waters,
Government of Pakistan.

Rawalpindi
July 26, 1962.

APPENDIX C.3

RECORD OF THE FOURTEENTH TOUR OF INSPECTION
BY THE PERMANENT INDUS COMMISSION UNDERTAKEN
FROM 18TH TO 24TH DECEMBER 1962, AS THE THIRD
PART OF THE FIRST GENERAL TOUR OF INSPECTION
UNDER ARTICLE VIII(4)(c) OF THE INDUS WATERS
TREATY 1960

The Commission undertook the third part of the First General Tour of Inspection, under Article VIII(4)(c) of the Treaty, from 18th to 24th December 1962 and inspected the following on The Sutlej, The Beas and The Ravi :-

<u>Sl. No.</u>	<u>Rivers and Works inspected</u>	<u>Date on which inspected</u>
(1)	The Rupar Headworks including the head regulators of Sirhind and Bist Doab Canals	19.12.1962
(2)	Kotla hydro-electric plant	19.12.1962
(3)	Nangal Dam and the Head of Nangal Hydrel Channel	19.12.1962
(4)	Bhakra Dam including the Power Houses	19.12.1962
(5)	Olinda discharge site on the Sutlej Main	19.12.1962
(6)	The Sutlej Main and its tributaries in the reach Rupar to Bhakra, to the extent visible from the pucca road	19.12.1962
(7)	Shah Nehr Canal R.D. 0 - 46,500 and its supply channel including its off-take from the Beas Main and the training works at its off-take	20.12.1962
(8)	Pong Dam site and Pong discharge site on the Beas Main	20.12.1962
(9)	The Beas Main and its tributaries between Pong Dam site and the head of Shah Nehr Canal to the extent visible from the road	20.12.1962
(10)	Mirthal discharge site on the Beas Main	21.12.1962
(11)	Confluence of Gulpur Chakki and Chakki Torrent and their outfall into the Beas Main	21.12.1962
(12)	Chakki torrent from its junction with the Beas Main to Chakki Bank, to the extent visible from the road	21.12.1962
(13)	Mirthal and Chakki Bank discharge sites on Chakki torrent	21.12.1962
(14)	Madhopur-Beas Link from head to tail	21.12.1962
(15)	Gulpur Chakki to the extent visible from sites opposite R.D. 33500 of Madhopur-Beas Link and R.Ds. 54000, 64000, 73000 and 77000 of the Upper Bari Doab Canal	21.12.1962 and 22.12.1962
(16)	Madhopur Headworks including the head regulators of the Upper Bari Doab Canal and Kashmir Canal	22.12.1962
(17)	Head regulator of Basantpur Canal	22.12.1962

<u>Sl.No.</u>	<u>Rivers and works inspected</u>	<u>Date or dates on which inspected</u>
(18)	The Ravi Main from Madhopur to the head of Basantpur Canal, and its tributaries in this reach to the extent visible from the road	22.12.1962
(19)	The Beas Main at the outfall of the Escape Channel from the silt ejector at R.D. 134,000 of the Upper Bari Doab Canal	23.12.1962
(20)	Upper Bari Doab Canal from head to Tibri (R.D. 151,800)	23.12.1962

2. The following advisers accompanied the Commissioners :

India

1. Shri K.L. Ahuja

Pakistan

1. Sayyed Z.H. Jafri

2. Sheikh Mohammed Said

Sd/- G.K. Vij
Commissioner for Indus Waters,
Government of India

Sd/- Khalil-ur-Rahman-T.Pk.
Pakistan Commissioner for Indus Waters,
Government of Pakistan.

Amritsar,
24.12.1962.

<u>Sl. No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
(18)	Attock gauge site on Indus Main	25.1.1963
(19)	Head regulator of Pehur Canal	25.1.1963
(20)	Pehur Canal from Head to R.D. 25,000	25.1.1963
(21)	Indus Main and its tributaries from Attock Bridge to Dubrai village, to the extent visible, from Attock-Hattian-Ghadi-Tarbela-Darband-Dubrai road	25.1.1963 and 26.1.1963
(22)	Thapla discharge site on Siran river	26.1.1963
(23)	Darband discharge site on Indus Main	26.1.1963
(24)	Tarbela Dam site on Indus Main	27.1.1963
(25)	Tarbela discharge site on Indus Main	27.1.1963
(26)	Siran river and its tributaries to the extent visible from Tarbela-Haripur pucca road	27.1.1963

The following advisers accompanied the Commissioners :-

India

1. Shri G.K. Vij
2. Shri K.L. Ahuja

Pakistan

1. Sayyed Z.H. Jafri

Sd: H.G. Kalra
Commissioner for Indus Waters,
Government of India

Sd: Khalil-ur-Rahman T.Pk.
Pakistan Commissioner for Indus Waters,
Government of Pakistan

Lahore,
28th January 1963.

APPENDIX C.4

RECORD OF THE FIFTEENTH TOUR OF INSPECTION BY THE
PERMANENT INDUS COMMISSION UNDERTAKEN FROM 22ND
TO 28TH JANUARY 1963, AS THE FOURTH PART OF THE
FIRST GENERAL TOUR OF INSPECTION UNDER ARTICLE
VIII(4)(c) OF THE INDUS WATERS TREATY 1960

The Commission undertook the fourth part of the ~~First~~ First General Tour of Inspection, under Article VIII(4)(c) of the Treaty, from 22nd to 28th January 1963 and inspected the following on The Indus:-

<u>Sl.No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates or which inspected</u>
(1)	Jhansi Post discharge site on Bam river	23.1.1963
(2)	Head regulators of Sheikhan Branch and Sangu Branch and the Flexible Weir on Bara river	23.1.1963
(3)	Bara river from near Jhansi Post to the point where it crosses the Grand Trunk Road, to the extent visible from Jhansi Post-Peshawar-Nowshera road	23.1.1963
(4)	Munda Headworks including the head regulators of Doaba and Lower Swat Canals on the Swat river	23.1.1963
(5)	Doaba Canal from Head to R.D. 15,000	23.1.1963
(6)	Lower Swat Canal from head to R.D. 25,000	23.1.1963
(7)	Swat river from near Munda to near Charsadda to the extent visible from the Munda-Charsadda road	23.1.1963
(8)	Offtake channel of Khechgi Lift Irrigation Scheme from Kabul river	23.1.1963
(9)	Nowshera discharge site on Kabul river	23.1.1963
(10)	Kabul river from Warsak Dam to about 15 miles upstream of the Dam and its tributaries to the extent visible from the boat while going along the river	24.1.1963
(11)	Warsak Dam including the Power House and the head regulators of the two offtaking canals	24.1.1963
(12)	Gauge site upstream of Warsak Dam	24.1.1963
(13)	Head regulator of Kabul River Canal	24.1.1963
(14)	Rockfill Weir on Kabul river downstream of head regulator of Kabul River Canal	24.1.1963
(15)	Gauge sites above and below the Rockfill Weir referred to in item (14) above	24.1.1963
(16)	Head reach of Kabul River Canal to the extent visible from Peshawar - Warsak road	24.1.1963
(17)	Kabul river and its tributaries from Warsak Dam to its confluence with the Indus Main, to the extent visible, from the Warsak-Peshawar, Peshawar-Sharbadar, Charsadda-Nowshera and Peshawar-	23.1.1963. 24.1.1963 25.1.1963.

From

The Permanent Indus Commission.

To

1. The Government of India,
Ministry of Irrigation and Power,
New Delhi.
2. The Government of Pakistan,
Ministry of Industries and
Natural Resources,
Rawalpindi.

Subject: Annual Report for the year ended on 31st March 1964

Sir,

The Commission has the honour to invite attention to Article VIII(8) of the Indus Waters Treaty 1960 and to submit herewith its Annual Report for the year ended on 31st March 1964.

Yours faithfully,

Sd/-(H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/-(M.A. Hamid) S.Q.A.,
Pakistan Commissioner for Indus Waters,
Government of Pakistan.

Karachi,
30th May 1964.

PERMANENT INDUS COMMISSION

ANNUAL REPORT

FOR

THE YEAR ENDED-ON 31ST MARCH 1964.

CONTENTS

1. Introductory
2. Meetings of the Commission
3. General Tours of Inspection
4. Special Tours of Inspection
5. General

ANNEXURE

Particulars of items discussed at the meetings of the Commission held during the year

APPENDICES

- A.1 Record of the Eleventh Meeting of the Commission
 - A.2 Record of the Twelfth Meeting of the Commission
 - A.3 Record of the Thirteenth Meeting of the Commission
 - B.1 Record of the 16th Tour (Fifth part of the First General Tour of Inspection)
 - B.2 Record of the 17th Tour (Sixth part of the First General Tour of Inspection)
 - B.3 Record of the 18th Tour (Seventh part of the First General Tour of Inspection)
 - B.4 Record of the 20th Tour (Eighth part of the First General Tour of Inspection)
 - C Record of the 19th Tour (Special Tour of Inspection)
-

ANNUAL REPORT FOR THE YEAR
ENDED ON 31ST MARCH 1964

1. INTRODUCTORY

1.1 This is the Fourth Annual Report of the Permanent Indus Commission constituted in accordance with Article VIII(3) of THE INDUS WATERS TREATY 1960 and relates to the work of the Commission for the year ended on 31st March 1964.

1.2 During the year under report, the posts of the Commissioner for Indus Waters, Government of India, and the Commissioner for Indus Waters, Government of Pakistan, were held as follows:-

Commissioner for Indus Waters, Government of India

Shri F.C. Kalra From 1. 4. 63 to 14. 7. 63
26. 7. 63 to 31. 3. 64

Dr. J.K. Malhotra From 15. 7. 63 to 25. 7. 63

Commissioner for Indus Waters, Government of Pakistan

Mr. M.A. Hamid, S.Q.A. From 1. 4. 63 to 9. 5. 63
29. 5. 63 to 29. 6. 63
26. 7. 63 to 2.10. 63
1.11. 63 to 29.12. 63
6. 1. 64 to 16. 2. 64
25. 2. 64 to 31. 3. 64

Mian Khalil-ur-Rahman, T.Pk. From 10. 5. 63 to 28. 5. 63
30. 6. 63 to 25. 7. 63
30.12. 63 to 5. 1. 64
17. 2. 64 to 27. 2. 64

Mr. S.M. Said From 3.10. 63 to 31.10. 63

2. MEETINGS OF THE COMMISSION

2.1 During the year the Commission held three meetings, serially numbered as Eleventh, Twelfth and Thirteenth, in continuation of the ten meetings held during the previous years. These meetings were held alternately in India and Pakistan, at the places and on the dates given below:-

<u>Meeting</u>	<u>Venue</u>	<u>Dates</u>
Eleventh	New Delhi	April 20-26, 1963
Twelfth	Rawalpindi	September 5-11, 1963
Thirteenth	New Delhi	March 25-30, 1964

2.2 At these meetings, 18 items in all were discussed of which one item (First General Tour of Inspection) is of a continuing nature. Of the remaining 17 items, 6 were disposed of during the year.

2.3 The particulars regarding each item discussed at these meetings, including the position as on 31st March 1964, are given in the Annexure.

2.4 Of the 6 items disposed of during the year, the decisions on 2 items (Serial Nos. 1 and 2) were taken by the Commission and on the other 4 items (Serial Nos. 6, 7, 8 and 9) by the two Commissioners.

2.5 The questions as to whether the discussions on nine of the items (Serial Nos. 10 to 18) relate to the Commission, or to the two Commissioners (as distinct from the Commission), or to both the Commission and the two Commissioners (as distinct from the Commission), remained under examination.

2.6 Copies of the Records of the Eleventh, Twelfth and Thirteenth Meetings are enclosed as Appendices A.1, A.2 and A.3 respectively.

3. GENERAL TOURS OF INSPECTION

3.1 According to Article VIII(4)(c) of the Treaty, the Commission is required 'to undertake, once in every five years, a general tour of inspection of the Rivers for ascertaining the facts connected with various developments and works on the Rivers'. The general tour of inspection for the first 5-year period (1st April 1960 to 31st March 1965) is hereinafter called the 'First General Tour'.

3.2 The First General Tour is being undertaken in parts, of which four (first to fourth) had been undertaken upto 31st March 1963. During the year under report, the Commission undertook four more parts (fifth to eighth), in July 1963, August 1963, November 1963 and February 1964, and inspected certain reaches of The Beas, The Cherab, The Sutlej, The Ravi and The Indus.

3.3 Copies of the Records of the Fifth to eighth parts of the First General Tour, numbered* as the 16th, 17th, 18th and 20th Tours of Inspection, are enclosed as Appendices B.1 to B.4.

3.4 The Commission hopes to undertake four more parts of the First General Tour of Inspection during the year commencing on 1st April 1964. These parts of the First General Tour are proposed to be undertaken in April, July, September and December 1964.

4. SPECIAL TOURS OF INSPECTION

4.1 Under the provisions of Article VIII(4)(d) of the Treaty, the Commission is required 'to undertake promptly, at the request of either Commissioner, a tour of inspection of such works or sites on the Rivers as may be considered necessary by him for ascertaining the facts connected with those works or sites'.

In this Report such a tour is referred to as a 'special tour of inspection', to distinguish it from the 'general tour of inspection' mentioned in Article VIII(4)(c) of the Treaty.

4.2 During the year under report, the Commission undertook one special tour of inspection bringing the total number of special tours undertaken so far to twelve. A copy of the Record of this tour (19th Tour of Inspection) is enclosed as Appendix C.

5. GENERAL

The Commission is happy to record that, during the year under report, its work was marked by a spirit of good-will, understanding and co-operation.

Sd/(H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/(M.A. Hamid) S.Q.A.,
Pakistan Commissioner for Indus
Waters,
Government of Pakistan.

Karachi,
30th May 1964.

* For the purpose of numbering the tours of inspection, each part of a general tour is treated as a separate tour. These parts along with the special tours are serially numbered in the order in which the tours are undertaken.

PARTICULARS OF ITEMS DISCUSSED AT THE MEETINGS OF THE COMMISSION HELD DURING THE YEAR

S.No.	Item discussed	Meeting at which discussed	Position as on 31st March 1964
1.	Preparation of the Annual Report for the year ended on 31st March 1963 (Article VIII(8))	Eleventh	The report was finalised and submitted to the Government of India and the Government of Pakistan on 26th April 1963.
2.	Proposal of the Pakistan Commissioner for the inclusion, in the record of the Commission, of certain information collected by the Commissioners, to enable the programme of various parts of the First General Tour to be chalked out.	Twelfth	Disposed of.
3.	First General Tour of Inspection (Article VIII(4)(c))	Twelfth and Thirteenth	This item covers the 5-years period ending 31st March 1965 and thus is of a continuing nature. Certain decisions with regard to the 7th to 12th parts of the First General Tour had been taken.
4.	Preparation of the Annual Report for the year ended on 31st March 1964 (Article VIII(8))	Thirteenth	The Commission decided to finalise the report at the next meeting of the Commission.
5.	Preparation of Forms of Water-account for Phase II (Paragraph 41 of Annexure H)	Thirteenth	The Commission agreed to finalise the forms, as far as possible, at its next meeting.
6.	Revision of discharge tables of M.B.L. and Lahore Branch (Paragraph 19 of Annexure H)	Twelfth and Thirteenth	) } ) } ) } Disposed of.
7.	Procedure for signing of the enclosures to communications between the Commissioners (Article VIII(1))	Twelfth and Thirteenth	
8.	Request made by either Commissioner for the supply of data under a particular provision of the Treaty	Thirteenth	

S. No.	Item discussed	Meeting at which discussed	Position as on 31st March 1964
9.	Form of certificate relating to re-imbursment of cost of transmission of data by telegram, telephone or wireless (Article VI(1))	Thirteenth	Disposed of.
10.	Construction of a new Small Plant on Billing Nala (Annexure D)	Twelfth and Thirteenth	} To be discussed further.
11.	Supply of data regarding Storage Works on the Western Rivers in operation as on the Effective Date (Annexure E)	Twelfth and Thirteenth	
12.	Water-accounts at Ferozepore for the periods from April 1-10 to May 1-10, 1962 (Part 6 of Annexure H)	Twelfth and Thirteenth	
13.	Request by Pakistan that India set up wireless stations for transmitting flood warnings to Pakistan (Article VII(1)(a))	Twelfth and Thirteenth	
14.	Maintenance of Salimshah and Fazilka Drains in Pakistan (Article IV(4))	Twelfth and Thirteenth	
15.	Supply of C.B.D.G. gauge and discharge data to Pakistan	Twelfth and Thirteenth	
16.	Measures for recovery and restoration to owners of timber and other property (Article IV(11))	Twelfth and Thirteenth	
17.	Request by India for construction of a drainage syphon under Fordwah and Sadiqia Canals (Article VII(1)(b))	Twelfth and Thirteenth	
18.	Indents of Indian canals off-taking at Harike and Ferozepore	Thirteenth	

RECORD OF THE ELEVENTH MEETING OF THE PERMANENT
INDUS COMMISSION HELD AT NEW DELHI FROM 20TH TO
26TH APRIL 1963.

PRESENT

PERMANENT INDUS COMMISSION

Shri H.C. Kalra,
Commissioner for Indus Waters,
Government of India.

Mr. M.A. Hamid, S.Q.A.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

ADVISERS TO COMMISSIONERS

1. Shri G.K. Vij,
Chief Engineer,
Ministry of Irrigation and
Power, Government of India.

1. Sayyed Z.H. Jafri,
Chief Engineer,
Irrigation Department,
West Pakistan.

2. Dr. J.K. Malhotra,
Additional Commissioner for
Indus Waters,
Government of India.

2. Mian Khalil-ur-Rahman, T.Pk.,
Additional Commissioner for
Indus Waters,
Government of Pakistan.

3. Shri K.L. Ahuja,
Deputy Indus Commissioner,
Government of India.

3. Mr. Mansur Ahmad, T.Q.A.,
Deputy Engineering Adviser,
Government of Pakistan.

4. Shri D.V. Gulati,
Deputy Director,
Ministry of Irrigation and
Power, Government of India.

4. Sayed Habib-ur-Rahman,
Deputy Commissioner for
Indus Waters,
Government of Pakistan.

The Commission finalised its Annual Report for the year ended on 31st March 1963 and submitted it to the Government of India and the Government of Pakistan on 26th April 1963.

Sd/-
(H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/-
(M.A. Hamid) S.Q.A.,
Pakistan Commissioner for Indus Waters,
Government of Pakistan.

New Delhi,
26th April, 1963.

RECORD OF THE TWELFTH MEETING OF THE PERMANENT INDUS COMMISSION HELD AT RAWALPINDI FROM 5TH TO 11TH SEPTEMBER 1963.

PRESENT

PERMANENT INDUS COMMISSION

Shri H.C. Kalra,
Commissioner for Indus Waters,
Government of India.

Mr. M.A. Hamid, S.Q.A.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

ADVISERS TO COMMISSIONERS

1. Dr. J.K. Malhotra,
Additional Commissioner
for Indus Waters,
Government of India.

1. Sayyed Z.H. Jafri,
Chief Engineer,
Irrigation Department,
West Pakistan.

2. Shri K.L. Ahuja,
Deputy Indus Commissioner,
Government of India.

2. Mian Khalil-ur-Rahman, T.Pk.,
Additional Commissioner for
Indus Waters,
Government of Pakistan.

3. Mr. Mansur Ahmad, T.Q.A.,
Deputy Engineering Adviser,
Government of Pakistan.

The Commission considered the proposal of the Pakistan Commissioner for the inclusion, in the record of the Commission, of certain information collected by the Commissioners, to enable the programme of various parts of the First General Tour to be chalked out. In view of certain practical difficulties indicated by the Indian Commissioner in obtaining authentic information, and the fact that the works and sites actually inspected were already being listed in the record of the various parts of the First General Tour of Inspection, the Commission agreed that the information so collected need not be included in the record of the Commission and that it would suffice if this information is given informally by each Commissioner to the other when the programmes of various parts of the First General Tour are planned.

The Commission agreed to undertake the 7th part of the First General Tour in the lower reaches of The Sutlej during the first fortnight of November 1963 and the 8th part in the lower reach of the Indus during the second fortnight of December 1963, to be arranged respectively by India and Pakistan.

2. The two Commissioners discussed the following items :-

- (i) Water-accounts at Ferozepore for the periods from April 1-10 to May 1-10, 1962 (Part 6 of Annexure H)

The two Commissioners discussed the above item and decided to examine it further before discussing it again when they meet next.

- (ii) Request by Pakistan that India set up Wireless Stations for transmitting flood warnings to Pakistan (Article VII(1)).

The two Commissioners discussed the elements which would form the basis of the formal arrangements to be agreed upon between the Parties for transmission of flood warnings to Pakistan by wireless. It was felt that some of these elements would require further examination by each side. The two Commissioners agreed to take early steps to complete the examination and to finalise the agreement embodying the formal arrangements.

The Commissioners also discussed the details of the revised estimate furnished by the Commissioner for Indus Waters, Government of India. The Pakistan Commissioner asked for some clarifications with regard to this estimate. Necessary clarifications in regard to some of the points were furnished at the meeting; regarding the others, the Indian Commissioner stated that the same would be provided when the two Commissioners meet next.

(iii) Maintenance of Salimshah and Fazilka Drains in Pakistan.

The two Commissioners discussed the above item and decided to discuss it again when they meet next.

(iv) Revision of discharge tables of M.B.L. and Lahore Branch (Paragraph 19 of Annexure H).

The two Commissioners had discussed this item earlier and it had been felt that instead of constructing new flumes on M.B.L. and Lahore Branch at the border, the existing flumes on the two channels might be remodelled.

The Indian Commissioner stated that the existing flumes were being remodelled, The Commissioners agreed that the flumes, after remodelling, would be re-calibrated on the basis of joint discharge observations at the border. The discharge tables showing the gauges at the flumes and the discharges at the border would then be drawn up. The joint discharge observations would be undertaken as soon as the supplies become steady after the resumption of deliveries in September 1963.

(v) Supply of C.B.D.C. gauge and discharge data to Pakistan.

The two Commissioners discussed the above item and decided to examine it further.

(vi) Construction of a new 'Small Plant' on Billing Nala (Annexure D).

The two Commissioners discussed at length the various issues concerning this item. Certain clarifications were also rendered. It was agreed that the Indian Commissioner would examine the matter further.

(vii) Supply of data regarding storage works on the Western Rivers, in operation as on the Effective Date.

The two Commissioners discussed the various issues concerning this item. It was agreed that the Indian Commissioner would examine the matter further.

(viii) Measures for recovery and restoration to owners of timber and other property (Article IV(1)).

The two Commissioners discussed the above item and agreed to discuss it further at their next meeting.

(ix) Procedure for signing of the enclosures to communications between the Commissioners.

The two Commissioners discussed the above item and agreed upon a provisional draft which would be examined by each side and discussed at a subsequent meeting.

(x) Request by India for construction of a drainage syphon under Fordwah and Sadiqia canals (Article VII(1)(b)).

The Pakistan Commissioner stated that Pakistan had not yet been able to determine whether the request by India was practicable as some of the data was awaited from India and, consequently, the design of the works involved had not been prepared. However, it was agreed that the two Commissioners would have, when they meet

-3-

next, a preliminary discussion of the basic elements of formal arrangements in this connection.

Sd/-
(H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/-
(M.A. Hamid) S.Q.A.,
Pakistan Commissioner for Indus Waters,
Government of Pakistan.

Rawalpindi,
11th September 1963.

JBG

RECORD OF THE THIRTEENTH MEETING OF THE PERMANENT INDUS
COMMISSION HELD AT DELHI FROM 25TH TO 30TH MARCH 1964

PRESENTPERMANENT INDUS COMMISSION

Shri H.C. Kalra,
Commissioner for Indus Waters,
Government of India.

Mr. M.A. Hamid, S.Q.A.,
Pakistan Commissioner for Indus Waters,
Government of Pakistan.

ADVISERS TO COMMISSIONERS

1. Dr. J.K. Malhotra,
Additional Commissioner for
Indus Waters,
Government of India.

1. Mian Khalil-ur-Rahman, T.Pk.,
Additional Commissioner for
Indus Waters,
Government of Pakistan.

2. Shri B.K. Uppal,
Deputy Secretary,
Ministry of Irrigation and Power,
Government of India.

2. Syed Habib-ur-Rahman,
Deputy Commissioner for
Indus Waters,
Government of Pakistan.

3. Shri K.L. Ahuja,
Deputy Indus Commissioner,
Government of India.

3. Mr. Z.A. Khan Burki,
Executive Engineer,
Irrigation and Power Department,
West Pakistan.

4. Shri D.V. Gulati,
Deputy Director,
Ministry of Irrigation and Power,
Government of India.

The Commission held its 13th Meeting at Delhi from 25th to 30th March, 1964 and discussed the following items :-

(i) General Tour of Inspection (Article VIII(4)(c)).

The Commission tentatively decided to undertake four Parts of the First General Tour during the year 1964-65, as follows :

- (a) 9th part, to be arranged by India, starting about the 27th of April 1964.
- (b) 10th part, to be arranged by Pakistan, starting about the 10th of July 1964.
- (c) 11th part, to be arranged by India, during September 1964,
- (d) 12th part, to be arranged by Pakistan, during December 1964.

It was also decided that the Commission would inspect certain reaches of The Ravi during the 9th part of the tour and certain reaches of The Indus, The Jhelum and The Chenab during the 10th part of the tour.

(ii) Preparation of the Annual Report for the year ending 31st March 1964.

The Commission discussed the question of preparing the Annual Report on its work for the year ending 31st March, 1964 and decided to finalise this report at the next meeting of the Commission to be held in Pakistan during May 1964.

(iii) Preparation of Forms of Water-account for Phase II (Paragraph 41 of Annexure H).

The Commission appreciated the need of making an early

start with the preparation of appropriate forms of Water-account for Phase II and agreed to discuss the forms, and to finalise them, as far as possible, at its next meeting.

2. The two Commissioners discussed the following items :-

- (i) Request made by either Commissioner for supply of data under a particular provision of the Treaty.

The two Commissioners discussed the matter regarding the requests made by the Commissioners for the supply of data under a particular provision of the Indus Waters Treaty and felt that when a Commissioner made a request for the supply of any data under a particular provision of the Treaty, it would imply that, according to his thinking, his request fell within the purview of the provision referred to by him. As such, when he received a request for the same type of data from the other Commissioner under the same provision of the Treaty, he should normally have no objection to the supply of the data requested.

- (ii) Maintenance of Salimshah and Fazilka Drains in Pakistan.

The two Commissioners discussed this item and agreed to discuss it further at their next meeting.

- (iii) Procedure for signing of enclosures to communications between the Commissioners

The two Commissioners agreed that each page of the following types of enclosures to a communication would be signed by the Commissioner sending it :-

- (a) Enclosures containing information furnished under the provisions of Annexures B, C, D, E and H to the Indus Waters Treaty 1960.
- (b) Enclosures containing data supplied under the provisions of Article VII(2) of the Treaty.
- (c) Enclosures containing data supplied under the provisions of Article VI of the Treaty except those containing river gauge and discharge data and precipitation or other meteorological data.

Provided that if an enclosure consists of a printed document, only its last page need be signed.

In the case of all other enclosures, including those containing river gauge and discharge data and precipitation or other meteorological data supplied under the provisions of Article VI of the Treaty, it was agreed that at least the last page of each enclosure will be signed by the Commissioner sending the data.

The above procedure will take effect from 1.4.1964 and will be effective for a period of one year, after which the position may be reviewed.

All enclosures to communications sent by either Commissioner to the other prior to 1.4.1964 would also be signed, where necessary, to bring them in conformity with the above procedure.

- (iv) Request by Pakistan that India set up wireless stations for transmitting flood warnings to Pakistan (Article VII(1)).

The two Commissioners discussed this item and agreed to discuss it further at their next meeting.

- (v) Construction of a new 'Small Plant' on Billing Nallah (Annexure D).

The two Commissioners discussed the lines on which each

Commissioner might write to the other so as to dispose of this item.

- (vi) Supply of data regarding storage works on the Western Rivers in operation as on the Effective Date.

The two Commissioners discussed the lines on which each Commissioner might write to the other so as to dispose of this item.

- (vii) Form of certificate relating to re-imbusement of cost of transmission of data by telegram, telephone or wireless (Article VI(1)).

The two Commissioners, without prejudice to the views expressed by them in the correspondence exchanged on this subject, agreed that the certificate in support of expenditure incurred by either side on the transmission of data by telegram, telephone or wireless under Article VI(1) of the Indus Waters Treaty 1960, should be in the following form :-

"Certified that the expenditure incurred on transmission of data by telegram, telephone or wireless to India/Pakistan under Article VI(1) of the Indus Waters Treaty 1960, during the year ended on 31st March _____ amounted to _____."

- (viii) Indents of Indian canals off-taking at Harike and Ferozepore.

The two Commissioners discussed this item and agreed to discuss it further at a subsequent meeting.

- (ix) Supply of C.B.D.C. gauge and discharge data to Pakistan.

The two Commissioners discussed this item and agreed to discuss it further at a subsequent meeting.

- (x) Water-accounts at Ferozepore for the periods from April 1-10 to May 1-10, 1962 (Part 6 of Annexure H).

The two Commissioners discussed this item and agreed to discuss it further at their next meeting.

- (xi) Revision of Discharge Tables of M.B.L. and Lahore Branch (Paragraph 19 of Annexure H).

The two Commissioners discussed the question of revision of the Discharge Tables of C.B.D.C. under paragraph 19 of Annexure H to the Treaty and agreed as follows :-

- (a) The Discharge Tables of the M.B.L. and Lahore Branch will be revised after each observation irrespective of the difference between the actual and the tabular discharges.
- (b) The Discharge Table of Bucharakana distributary will be revised only if the difference between the actual and the tabular discharges exceeds 2%.
- (c) The Discharge Tables of the Pull, Kohali and Khalra distributaries will be revised only if the difference between the actual and the tabular discharges exceeds 5%.

- (xii) Measures for recovery and restoration to owners of timber and other property (Article IV(11)).

The Commissioner for Indus Waters, Government of India requested the Pakistan Commissioner to consider the possibility of extending the ad-hoc arrangements, already agreed to without prejudice to the views held by either side, for the disposal by auction of the timber collected in Pakistan upto 31st March, 1964. The Pakistan Commissioner requested the Indian Commissioner to make a reference for

the proposed extension. However, he stressed that every effort should be made to finalise the appropriate measures to be adopted under Article IV(11).

The Indian Commissioner requested that the possibility of delivering the recovered timber at the Wagha border be explored. The Pakistan Commissioner suggested that, as a trial, a few owners be asked to come over to Pakistan, or appoint their agents, to take over their timber according to the procedure suggested by him. The two Commissioners agreed to explore both the possibilities.

The Pakistan Commissioner requested the Indian Commissioner to work out ad-hoc arrangements for pushing the timber which gets held up in the Kishenganga River near Keran Village so that it may float down the river. The two Commissioners agreed to discuss this matter at their next meeting.

(xiii) Request by India for construction of a drainage syphon under Fordwah and Sadiqia Canals (Article VII(1)(b)).

The two Commissioners discussed this item and agreed to discuss it further at their next meeting.

Sd/-
(H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/-
(M.A. Hamid) S.Q.A.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

New Delhi,
30th March, 1964.

RECORD OF THE SIXTEENTH TOUR OF INSPECTION BY THE
PERMANENT INDUS COMMISSION UNDERTAKEN FROM 15TH
TO 25TH JULY 1963, AS THE FIFTH PART OF THE FIRST
GENERAL TOUR OF INSPECTION UNDER ARTICLE VIII(4)(c)
OF THE INDUS WATERS TREATY 1960.

The Commission undertook the fifth part of the First General Tour of Inspection, under Article VIII(4)(c) of the Treaty, from 15th to 25th July 1963 and inspected the following on The Beas and The Chenab :-

<u>Sl. No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
(1)	Dera Gopipur discharge site on the Beas Main.	16.7.63
(2)	The Beas Main and its tributaries to the extent visible from Dera Gopipur-Kangra-Joginder Nagar-Mandi-Manali-Rohatang Pass Road.	16.7.63 18.7.63 and 19.7.63
(3)	Lower Baijnath Kuhl from its regulator (R.D. 15,400) on Badwali Khad to R.D. 22,100.	16.7.63
(4)	Uhl River and its tributaries on Barot side to the extent visible from "Zero Point" (haulage-way terminus) to the reservoir above the tunnel intake for Shanau Power House.	17.7.63
(5)	Joginder Nagar Hydro-Electric Plant.	17.7.63
(6)	Head-race of the Bassi Hydro-Electric Scheme (under construction).	18.7.63
(7)	Mandi (Hill), Larji and Kulu discharge sites on the Beas Main.	18.7.63
(8)	Pandoh Dam site on the Beas Main.	18.7.63
(9)	Site of the intake for the proposed Beas-Sutlej Link.	18.7.63
(10)	The river Chandra and its tributaries from opposite Gramphoo to its junction with the river Bhaga, to the extent visible from Gramphoo-Keylong road.	19.7.63
(11)	Khoksar discharge site on the river Chandra.	19.7.63
(12)	Site for the proposed Sissu Hydro-Electric Plant.	19.7.63
(13)	The river Bhaga and its tributaries from Keylong to its junction with the river Chandra, to the extent visible from Keylong-Tandi road.	19.7.63
(14)	The Chenab Main from the confluence of the river Chandra and the river Bhaga to Shansha and its tributaries to the extent visible from the Tandi-Lot road and the Lot-Kirtang bridle path.	20.7.63
(15)	Site for the proposed Shansha Hydro-Electric Plant.	20.7.63
(16)	Billing Hydro-Electric Plant under construction on Billing Nala.	20.7.63
(17)	Manali discharge site on the Beas Main.	21.7.63

<u>Sl. No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
18.	Pandoh discharge site on the Beas Main.	23.7.63

2. As authorized by the Commission, the inspection of the Chenab Main and its tributaries referred to in Serial No. 14 of paragraph 1 above, from a point about one mile downstream of Lot to Shansha, and that of the site at Serial No. 15 were carried out, on its behalf, by Shri K.L. Ahuja, adviser to the Indian Commissioner and Mr. Z.A. Khan Burki, adviser to the Pakistan Commissioner.

3. The following advisers accompanied the Commissioners :-

India

1. Shri K.L. Ahuja.

Pakistan

1. Mr. Manzur Ahmad, T.Q.A.,
2. Mr. Z.A. Khan Burki.

Sd: J.K. Malhotra
Commissioner for Indus Waters,
Government of India.

Sd: Khalil-ur-Rahman T.Pk.,
Pakistan Commissioner for Indus Waters
Government of Pakistan.

Amritsar,
July 25, 1963.

RECORD OF THE SEVENTEENTH TOUR OF INSPECTION BY
THE PERMANENT INDUS COMMISSION UNDERTAKEN FROM
5TH TO 12TH AUGUST 1963, AS THE SIXTH PART OF
THE FIRST GENERAL TOUR OF INSPECTION UNDER
ARTICLE VIII(4)(C) OF THE INDUS WATERS TREATY 1960

The Commission undertook the sixth part of the First General Tour of Inspection, under Article VIII(4)(c) of the Treaty from 5th to 12th August 1963 and inspected the following on The Sutlej, The Chenab and The Ravi :

<u>Sl. No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
(1)	Downstream Ferozepur & Mamoke gauge sites on the Sutlej Main.	5.8.1963
(2)	Dipalpur Canal R.D. 6,000 to 297,000.	5.8.1963
(3)	Right Marginal Bund upstream of Suleimanke Headworks R.D. 0 to 63,000, Dharanga Spur R.D. 0 to 11,500 and Station Spur R.D. 0 to 6,000.	5.8.1963
(4)	Fordwah Canal R.D. 0 to 16,000.	6.8.1963
(5)	Old river creek of the Sutlej Main from opposite R.D. 7,000 of Fordwah Canal to its confluence with the main river channel about 8 miles downstream of Suleimanke Headworks to the extent visible from opposite R.D. 7,000 of Fordwah Canal, and opposite R.Ds. 13,500 and 22,000 of Saru distributary and at various points down to its confluence with the main river channel.	6.8.1963
(6)	Eastern Sadiqia Canal R.D. 0 to 7,000.	6.8.1963
(7)	Probable site for a proposed drainage crossing near R.D. 7,000 of Eastern Sadiqia and Fordwah Canals.	6.8.1963
(8)	Suleimanke Headworks including the Head Regulators of Pakpattan, Eastern Sadiqia and Fordwah Canals, the Left Marginal Bund R.D. 0 to 47,500, New Harra Bund R.D. 0 to 13,500 and Jhangar Spur R.D. 0 to 3,700.	6.8.1963
(9)	The Sutlej Main and its tributaries from downstream Ferozepur Headworks to about 8 miles downstream Suleimanke Headworks to the extent visible from sites and works listed in items (1), (3), (5) and (8).	5.8.63 and 6.8.1963
(10)	Pakpattan Canal R.D. 2,18,000 to 2,66,000.	7.8.1963
(11)	Outfall of Montgomery-Pakpattan Link into Pakpattan Canal.	7.8.1963
(12)	Khadir Branch R.D. 1,63,000 to 2,95,000.	7.8.1963
(13)	Jamlera Gauge site on the Sutlej Main.	7.8.1963
(14)	Islam Headworks including head regulators of Mailsi, Bahawal and Qaim canals, the Right Marginal Bund R.D. 0 to 67,000, Murphy Spur R.D. 0 to 9,940 and T-Spur R.D. 0 to 4,600.	7.8.1963
(15)	Subsidiary weir downstream of Islam barrage.	7.8.1963
(16)	Mailsi Canal R.D. 0 to 1,60,000.	7.8.1963

<u>Sl. No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
(17)	Mailsi Syphon (under construction) on the Sutlej Main.	8.8.1963
(18)	Panjnad Headworks including head regulators of Panjnad and Abbasia Canals, Right Marginal Bund R.D. 0 to 67,404 and Left Marginal Bund R.D. 0 to 35,000.	9.8.1963
(19)	Sher Shah discharge site on the Chenab Main.	9.8.1963
(20)	Sidhna Canal R.D. 0 to 1,57,000.	10.8.1963
(21)	Sidhna Headworks (old) including head regulators of Sidhna Canal, Fazil Shah Distributary, Hittar Distributary, Koranga Distributary, Abdul Hakim Distributary and Kot Distributary, Right Marginal Bund R.D. 0 to 50,000 and Left Marginal Bund R.D. 0 to 30,000.	10.8.1963
(22)	Sidhna Spill Channel R.D. 0 to 10,000.	10.8.1963
(23)	Outfall of Haveli Canal into the Ravi Main.	10.8.1963
(24)	Site of new Sidhna Barrage (under construction)	10.8.1963
(25)	Tail-regulators of Trimna-Sidhna Link and relocated Haveli Canal (under construction).	10.8.1963
(26)	Abdul Hakim gauge site on the Ravi Main.	10.8.1963
(27)	Ganga Hydro-electric Plant on the Lower Bari Doab Canal at Renala.	11.8.1963
(28)	Lower Bari Doab Canal from R.D. 0 to 1,61,000 and 6,15,000 to 6,60,000.	11.8.1963
(29)	Balloki Headworks including the head regulators of Lower Bari Doab Canal and Balloki-Suleimanke Link, Right Marginal Bund from R.D. 0 to 20,000 and Spur No. 10 from R.D. 0 to 1,920.	11.8.1963

2. As authorised by the Commission, the inspection of Jhangar Spur R.D. 0 to 3,700 referred to in serial No. 8 of paragraph 1 above and that of the site at serial No. 13 were carried out, on its behalf, by Shri K.L. Ahuja, adviser to the Indian Commissioner and Sayyed Z.H. Jafri, adviser to the Pakistan Commissioner.

3. The following advisers accompanied the Commissioners.

India

1. Shri K.L. Ahuja.

Pakistan

1. Sayyed Z.H. Jafri
2. Mian Khalil-ur-Rahman, T.Pk.

Sd/-

H.C. Kalra

Commissioner for Indus Waters
Government of India

Sd/-

M.A. Hamid S.Q.A.

Pakistan Commissioner for Indus Waters,
Government of Pakistan.

Lahore,
August 12, 1963.

RECORD OF THE EIGHTEENTH TOUR OF INSPECTION BY THE
PERMANENT INDUS COMMISSION UNDERTAKEN FROM 5TH TO
11TH NOVEMBER 1963 AS THE SEVENTH PART OF THE FIRST
GENERAL TOUR OF INSPECTION UNDER ARTICLE VIII(4)(c)
OF THE INDUS WATERS TREATY 1960.

The Commission undertook the seventh part of the First General Tour of Inspection, under Article VIII(4)(c) of the Treaty, from 5th to 11th November 1963 and inspected the following on The Sutlej and The Beas :

<u>Sl. No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
(1)	Ferozepore Headworks including :	
	(i) the head regulators of Dipalpur Canal, Bikaner Canal and Eastern Canal;	
	(ii) the Right Marginal Bund from R.D. 0 to Indo-Pakistan Border with the spur at R.D. 6,500 with two shanks named on plans as T-Spur R.D. 0 to 2,750 and Hockey Spur R.D. 0 to 2,670, Duleke Spur R.D. 0 to 1,650 and Rajoke Spur R.D. 0 to 4,250; and	
	(iii) the Left Marginal Bund R.D. 0 to 57,000 along with 15 spurs between R.Ds, 11,400 and 18,150 of the Bund.	5.11.1963
(2)	Mamdot Drain, to the extent visible, from R.Ds. 32,000 and 7,000, and from opposite village Mamdot to its outfall into the Sutlej Main.	6.11.1963
(3)	Hamid Drain from a point about 2½ miles above Ferozepore-Fazilka road to its outfall into the Sutlej Main.	6.11.1963
(4)	Jalalabad Drain and Sukhbar Nala, to the extent visible, from the point referred to in (3) above.	6.11.1963
(5)	Jiwan Arain Drain from R.D. 43,000 to 30,500 and from R.D. 27,500 to its outfall into the Sutlej Main.	7.11.1963
(6)	Jalalabad Drain, to the extent visible, (i) from R.D. 43,000 of Jiwan Arain Drain and (ii) from the outfall of Mauzzam Drain into Jalalabad Drain.	7.11.1963
(7)	Jalalabad Drain from its outfall into the Sutlej Main up to the outfall of Mauzzam Drain and the Mauzzam Drain from its outfall to the Ferozepore-Fazilka railway crossing and further upstream to the extent visible from the railway crossing.	7.11.1963
(8)	Left Marginal Bund of Suleimanke Headworks above the Indo-Pakistan Border, along with three spurs between R.Ds. 54,000 and 57,000 of the Bund to the extent visible from the Bund and the Sikandry Spur R.D. 0 to 3,780.	7.11.1963
(9)	Turkanwali Drain from its outfall into Salimshah Drain up to the point where Thehgalandar Drain	

<u>Sl. No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
	outfalls into it and further upstream to the extent visible from there.	8.11.1963
(10)	Thehgalandar Drain, to the extent visible, from its outfall into Turkanwali Drain.	8.11.1963
(11)	Salimshah Drain from the outfall of Turkanwali Drain up to the Indo-Pakistan Border.	8.11.1963
(12)	Fazilka Drain from the Indo-Pakistan Border to the bridge about 1,500 feet upstream of Indo-Pakistan Border and to the extent visible from the bridge, and from a point about 3 miles further upstream of it up to Fazilka town.	8.11.1963
(13)	Sabuana Drain from its outfall into Fazilka Drain up to about 2½ miles upstream of village Sabuana.	8.11.1963
(14)	Kaurianwali Drain from its outfall into the Sabuana Drain up to R.D. 14,000.	8.11.1963
(15)	Sukhbar Nala, to the extent visible, from R.D. 57,000 Bikaner Canal and from the syphon under Ferozepore Feeder at R.D. 1,55,800.	9.11.1963
(16)	Bikaner Canal from R.D. 28,000 to 57,000.	9.11.1963
(17)	Ferozepore Feeder from tail at R.D. 1,68,700 to R.D. 1,07,593 and from R.D. 55,000 to its head at Harike.	9.11.1963
(18)	Simind Feeder from R.D. 62,000 to Head.	9.11.1963
(19)	Sukkar Nala from the syphon under Ferozepore Feeder at R.D. 67,000 of the Nala to R.D. 50,000.	9.11.1963
(20)	Patti Nala, to the extent visible, from its crossing on the Harike-Khalra road.	9.11.1963
(21)	Left Marginal Burd above Harike Headworks from 0 to R.D. 47,500 including the T-Spur R.D. 0 to 2,500.	9.11.1963
(22)	Yusafpur Gauge and Discharge site on the Sutlej Main.	9.11.1963
(23)	Harike Headworks including the head regulators of Makhu Canal, Ferozepore Feeder and Rajasthan Feeder.	9.11.1963
(24)	Flood Protection Burd below Harike Headworks along the left bank of the Sutlej Main from R.D. 0 to 86,600, the Sutlej Main, to the extent visible, from the Burd and Sukkar Nala, to the extent visible, from R.D. 86,600 of the Burd.	10.11.1963
(25)	Mandi Flain Gauge and Discharge site on the Beas Main and the Beas Main to the extent visible from there.	10.11.1963

<u>Sl. No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
(26)	Patti Nala, to the extent visible, from its crossing on the Harike-Amritsar road.	10.11.1963

2. As authorised by the Commission, the inspection of items mentioned against Sl. Nos. 8, 13, 14, 20, 21, 22 and 25 was carried out, on its behalf, by the advisors named in paragraph 3 below.

3. The following advisers accompanied the Commissioners :-

INDIA

1. Shri B.K. Uppal
2. Shri K.L. Ahuja

PAKISTAN

1. Sayyed Z.H. Jafri
2. Syed Habib-ur-Rahman

Sd: H.C. Kalra
Commissioner for Indus Waters,
Government of India.

Sd: M.A. Hamid S.Q.A.,
Pakistan Commissioner for Indus
Waters,
Government of Pakistan.

Amritsar,
November 11, 1963.

RECORD OF THE TWENTIETH TOUR OF INSPECTION BY THE
PERMANENT INDUS COMMISSION UNDERTAKEN FROM 18TH
TO 26TH FEBRUARY 1964 AS THE EIGHTH PART OF THE
FIRST GENERAL TOUR OF INSPECTION UNDER ARTICLE
VIII(4)(c) OF THE INDUS WATERS TREATY 1960.

The Commission undertook the eighth part of the First General Tour of Inspection, under article VIII(4)(c) of the Treaty, from 18th to 26th February 1964 and inspected the following on The Indus :-

<u>Sl. No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
(1)	Gudu Barrage including the head regulators or Desert Canal, Begari-Sind Feeder and Ghotke Feeder.	19.2.64
(2)	The Left Marginal Bund from mile zero to 7½ and Right Marginal Bund from mile zero to 3 upstream of Gudu Barrage.	19.2.64
(3)	Ghotke Feeder from R.D. 43,000 to 63,000.	19.2.64
(4)	88 miles length of flood embankments on the right side of the Indus Main from opposite Kashmir to Sukkur.	19.2.64
(5)	Head regulator of Begari Canal.	19.2.64
(6)	Head regulators of Rajib, Chhatti and Garang inundation canals.	19.2.64
(7)	Sukkur Barrage including the head regulators of Dadu Canal, Rice Canal, North Western Canal, Eastern Nara Canal, Rohri Canal, Khairpur Feeder West and Khairpur Feeder East.	20.2.64
(8)	Khairpur Feeder West R.D. 0 to 16,000, spur No. 2, and spurs No. 1 and 1A to the extent visible.	20.2.64
(9)	Gauge and Discharge site on the Indus Main, downstream of Sukkur Barrage.	20.2.64
(10)	Rohri-Nabishah Bund from mile zero to 11 and head regulators of Janib, Gurkine, Arorwah and Mirwah inundation canals.	20.2.64
(11)	74 miles length of flood embankments on the right side of the Indus Main from Sukkur to opposite Mohenjo-Daro.	21.2.64
(12)	Indus Canal from R.D. 3,00,000 to 3,42,000 and from R.D. 6,13,000 to 6,60,000.	21.2.64 and 22.2.64
(13)	Larkana-Sohwan Bund from mile 87 to 102.	22.2.64
(14)	Aral Manchar Regulator for Manchar Lake.	22.2.64
(15)	Shah Aris Canal from R.D. 0 to 29,000 and the pumping station at its head.	22.2.64

<u>Sl. No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
(16)	Ghulam Mohammad Barrage including the head regulators of Combined Channel, Akrawah Canal and Kalri-Baghar Feeder.	23.2.64
(17)	Head Regulators of Fuleli Canal, Pinyari Canal and Fisadiwah Canal and the pumping station at the Head of Wadhawah Canal.	23.2.64
(18)	Gauge site and Discharge Site on the Indus Main at Kotri.	23.2.64
(19)	Head regulator of Sapawah inundation canal.	23.2.64
(20)	Shaikhani Bund from mile zero to 1.75.	23.2.64
(21)	Kalri Lake and its embankment from R.D. 2,000 to 50,000 and the head regulator of Kalri-Baghar Feeder Lower.	23.2.64
(22)	Panma-Baghar Bund from mile zero to 11.	23.2.64
(23)	The Indus Main and its tributaries in the reach from about 8 miles upstream of Gudu Barrage to opposite Thatta to the extent visible from the sites and works listed against items (1) to (22) above and the Larkana-Kotri-Thatta road.	19.2.64 to 23.2.64

2. The following advisers accompanied the Commissioners :-

India

1. Shri B.K. Uppal
2. Shri K.L. Ahuja

Pakistan

Syed Habib-ur-Rahman

Sd/-

H.C. Kalra
Commissioner for Indus Waters,
Government of India.

Sd/-

Khalil-ur-Rahman T.Fk.,
Pakistan Commissioner for Indus Waters,
Government of Pakistan.

APPENDIX C

RECORD OF THE NINETEENTH TOUR OF INSPECTION BY THE
PERMANENT INDUS COMMISSION UNDERTAKEN ON 31ST
DECEMBER 1963.

The Permanent Indus Commission inspected on the 31st December, 1963, the following:-

- (i) Betar Nallah from opposite village Chakias upto the Cease-fire Line at the request of the Commissioner for Indus Waters, Government of India, and
- (ii) Betar Nallah from the Cease-fire Line to opposite village Sichungah including the power channel and the training works for the Poonch Power House in this reach, at the request of the Pakistan Commissioner for Indus Waters.

The above tour of inspection was undertaken under the provisions of Article VIII(4)(d) of the Indus Waters Treaty 1960.

2. The two Commissioners, during the tour of inspection, were accompanied by the following advisers:-

INDIA

1. Shri B.K. Uppal
2. Shri K.L. Ahuja

PAKISTAN

Syed Habib-ur-Rahman

Sd: (H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd: (Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for Indus Waters,
Government of Pakistan.

Poonch,
31st December, 1963.

PERMANENT INDUS COMMISSION

ANNUAL REPORT

FOR

THE YEAR ENDED ON 31ST MARCH 1965

CONTENTS

1. Introductory
2. Meetings of the Commission
3. General Tours of Inspection
4. Special Tours of Inspection
5. General

ANNEXURE

Particulars of items discussed at the meetings of the Commission held during the year.

APPENDICES

- A.1 Record of the Fourteenth Meeting of the Commission
- A.2 Record of the Fifteenth Meeting of the Commission
- A.3 Record of the Sixteenth Meeting of the Commission
- B.1 Record of the 21st Tour (Ninth part of the First General Tour of Inspection)
- B.2 Record of the 22nd Tour (Tenth part of the First General Tour of Inspection)
- B.3 Record of the 23rd Tour (Eleventh part of the First General Tour of Inspection)
- B.4 Record of the 24th Tour (Twelfth part of the First General Tour of Inspection)
- C Record of the 25th Tour (Special Tour of Inspection)

ANNUAL REPORT FOR THE YEAR
ENDED ON 31ST MARCH 1965

1. INTRODUCTORY

1.1 This is the Fifth Annual Report of the Permanent Indus Commission constituted in accordance with Article VIII(3) of THE INDUS WATERS TREATY 1960 and relates to the work of the Commission for the year ended on 31st March 1965.

1.2 During the year under report, the posts of the Commissioner for Indus Waters, Government of India, and the Commissioner for Indus Waters, Government of Pakistan, were held as follows:-

Commissioner for Indus Waters, Government of India

Shri H.C. Kalra From 1.4.64 to 27.4.64
17.5.64 to 31.3.65

Shri B.K. Uppal From 28.4.64 to 16.5.64

Commissioner for Indus Waters, Government of Pakistan

Mr. M.A. Hamid, S.Q.A. From 1.4.64 to 29.4.64
11.5.64 to 7.6.64

Mian Khalil-ur-Rahman, T.Pk. From 30.4.64 to 10.5.64
8.6.64 to 31.3.65

2. MEETINGS OF THE COMMISSION

2.1 During the year the Commission held three meetings, serially numbered as Fourteenth, Fifteenth and Sixteenth, in continuation of the thirteen meetings held during the previous years. These meetings were held alternately in Pakistan and India, at the places and on the dates given below :-

<u>Meeting</u>	<u>Venue</u>	<u>Dates</u>
Fourteenth	Karachi	May 25-31, 1964
Fifteenth	New Delhi	January 12-18, 1965
Sixteenth	Rawalpindi	February 16-22, 1965

2.2 At these meetings, 19 items in all were discussed. The particulars regarding these items, including the position as on 31st March 1965, are given in the Annexure to this report.

2.3 Of the 19 items discussed during the year, 8 were disposed of or closed. In the case of 2 more items (serial Nos. 10 and 11), the two Commissioners agreed that, for the purpose of this report, these may also be considered as disposed of; these items could, however, be taken up again if necessary.

2.4 Of the 10 items thus disposed of, the decisions on 2 items (Serial Nos. 1 and 2) were taken by the Commission and on the other 8 items (Serial Nos. 4 to 11) by the two Commissioners.

2.5 The question as to whether the discussions on some of the items out of those at Serial Nos. 12 to 19 related to the Commission, or to the two Commissioners (as distinct from the Commission), or to both the Commission and the two Commissioners (as distinct from the Commission) continued to remain under examination.

2.6 Copies of the Records of the Fourteenth, Fifteenth and Sixteenth Meetings are enclosed as Appendices A.1, A.2 and A.3 respectively.

3. GENERAL TOURS OF INSPECTION

3.1 According to Article VIII(4)(c) of the Treaty, the Commission is required to undertake, once in every five years, a general tour of inspection of the Rivers for ascertaining the facts connected with various developments and works on the Rivers. The general tour of inspection for the first 5 year period (1st April 1960 to 31 March 1965) is hereinafter called the 'First General Tour'.

3.2 The First General Tour was undertaken in parts, of which eight (first to eighth) had been undertaken upto 31st March 1964. During the year under report, the Commission undertook four more parts (ninth to twelfth), in April-May 1964, July 1964, September 1964 and October 1964, and inspected certain reaches of The Ravi, The Chenab, The Jhelum and The Indus. With the end of the first five year period, the First General Tour of Inspection has concluded.

3.3 Copies of the Records of the ninth to twelfth parts of the First General Tour numbered* as the 21st, 22nd, 23rd and 24th Tours of Inspection, are enclosed as Appendices B.1 to B.4.

* For the purpose of numbering the tours of inspection, each part of a general tour is treated as a separate tour. These parts along with the special tours are serially numbered in the order in which the tours are undertaken.

4. SPECIAL TOURS OF INSPECTION

4.1 Under the provisions of Article VIII(4)(d) of the Treaty, the Commission is required 'to undertake promptly, at the request of either Commissioner, a tour of inspection of such works or sites on the Rivers as may be considered necessary by him for ascertaining the facts connected with those works or sites'.

In this report such a tour is referred to as a 'special tour of inspection', to distinguish it from the 'general tour of inspection' mentioned in Article VIII(4)(c) of the Treaty.

4.2 During the year under report, the Commission undertook one special tour of inspection bringing the total number of special tours undertaken so far to thirteen. A copy of the Record of this tour (25th Tour of Inspection) is enclosed as Appendix C.

5. GENERAL

The Commission is happy to record that, during the year under report, its work was marked by a spirit of good-will, understanding and co-operation.

Sd/-
(H.C. Kalra)
Commissioner for Indus Waters,
Government of India,

Sd/-
(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for Indus Waters,
Government of Pakistan.

Karachi,
31st May 1965.

PARTICULARS OF ITEMS DISCUSSED AT THE MEETINGS
OF THE COMMISSION HELD DURING THE YEAR

S. No.	Items discussed	Meeting at which discussed	Position as on 31st March 1965
1.	Preparation of the Annual Report for the year ended on 31st March 1964 (Article VIII(8))	Fourteenth	The report was finalized and submitted to the Government of India and the Government of Pakistan on 30th May 1964.
2.	First General Tour of Inspection (Article VIII(4)(c))	Fourteenth	Disposed of.
3.	Preparation of Forms of Water-account for Phase II (Paragraph 41 of Annexure H)	Fourteenth, Fifteenth and Sixteenth	The drafts of the various Forms of Water-account for Phase II were considered and agreement was reached on some of the Forms subject to their being reviewed at the next meeting of the Commission.
4.	Supply of data relating to the flow in and utilization of the waters of the Rivers on a daily basis (Article VI(1))	Fourteenth)	Disposed of.
5.	Procedure for signing of enclosures to communications between the Commissioners (Article VIII(1))	Fourteenth)	
6.	Construction of a new 'Small Plant' on Billing Nala (Annexure D)	Fourteenth and Fifteenth	The two Commissioners prepared drafts of letters to be issued by them. This item was thus disposed of.
7.	Supply of C.B.D.C. gauge and discharge data to Pakistan	Fifteenth)	Disposed of.
8.	Orders of Indian Canals off-taking at Harike and Ferozepore	Fifteenth)	
9.	Request by Pakistan that India set up wireless stations for transmitting flood warnings to Pakistan (Article VII(1)(a))	Fourteenth	The Pakistan Commissioner having withdrawn his request, the two Commissioners agreed to consider this item as closed.

S.No.	Items discussed	Meeting at which discussed	Position as on 31st March 1965
10.	Supply of daily gauge and discharge data with respect to the flow in and utilization of the waters of the Indus River System for the years 1946-47 to 1959-60 (Article VI(2))	Fifteenth	The two Commissioners reviewed the progress of supply of data relating to this item.
11.	Agricultural uses by India on the Western Rivers	Fifteenth	The two Commissioners exchanged views on the various aspects of this item.
12.	Measures for recovery and restoration to owners of timber and other property (Article IV(11))	Fourteenth and Fifteenth	} To be discussed further.
13.	Water-accounts at Ferozepore for the periods from April 1-10 to May 1-10, 1962 (Part 6 of Annexure H)	Fifteenth	
14.	Rs. 22 crore flood protection scheme and the dredging of River Jhelum between Sopore and Mardanyar	Fifteenth	
15.	Supply of data regarding Storage Works on the Western Rivers in operation as on the Effective Date (Annexure E)	Fifteenth	
16.	Request by India for construction of a drainage syphon under Fordwah and Sadiq'a Canals (Article VII(1)(b))	Fifteenth	
17.	Maintenance of Salimshah and Fezilkha Drains in Pakistan (Article IV(4))	Fifteenth	
18.	Phase II of the Transition Period (Annexure H)	Fifteenth and Sixteenth	
19.	Hudiyara Drainage System	Fifteenth and Sixteenth	

RECORD OF THE FOURTEENTH MEETING OF THE
PERMANENT INDUS COMMISSION HELD AT
KARACHI FROM 25TH TO 31ST MAY 1964

PRESENT

PERMANENT INDUS COMMISSION

Shri H.C. Kalra,
Commissioner for
Indus Waters,
Government of India.

Mr. M.A. Hamid, S.Q.A.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

ADVISERS TO COMMISSIONERS

1. Dr. J.K. Malhotra,
Additional Commissioner
for Indus Waters,
Government of India.

1. Mian Khalil-ur-Rahman, T.Pk.,
Additional Commissioner
for Indus Waters,
Government of Pakistan.

2. Shri B.K. Uppal,
Deputy Secretary,
Ministry of Irrigation
and Power,
Government of India.

2. Mr. Manzur Ahmad, T.Q.A.,
Deputy Engineering Adviser,
Government of Pakistan.

3. Shri K.L. Ahuja,
Deputy Indus Commissioner,
Government of India.

3. Syed Habib-ur-Rahman,
Director,
Office of the Pakistan
Commissioner for Indus Waters.

4. Mr. Z.A. Khan Burki,
Executive Engineer,
Irrigation and Power Department
Government of West Pakistan.

The Commission held its 14th Meeting at Karachi from 25th to 31st May 1964. The Commission did not meet on 28th May owing to the passing away of Shri Jawaharlal Nehru, the Prime Minister of India, on the previous day. When the Commission re-assembled on 29th May, one minute's silence was observed in his memory.

2. At this meeting the Commission discussed the following items :-

(i) Preparation of the Annual Report for the year ended on 31st March 1964 (Article VIII(8)).

The Commission finalised its Annual Report for the year ended on 31st March 1964 and submitted it to the Government of India and the Government of Pakistan on 30th May 1964.

(ii) General Tour of Inspection (Article VIII(4)(c)).

The Commission discussed the programme for the 10th part of the First General Tour of Inspection and decided to undertake this Tour in Pakistan from 13th to 21st July 1964.

It was also decided that the Commission would inspect the upper reaches of The Jhelum during the 11th part of the tour to be arranged by India in September 1964 and certain reaches of The Jhelum, The Chenab and The Ravi during the 12th part of the tour to be arranged by Pakistan in October 1964.

...2.

(iii) Preparation of Forms of Water-account for Phase II (Paragraph 41 of Annexure H).

The Commission held a preliminary discussion of the drafts of the various Forms of Water-account for Phase II and decided to finalise them as far as possible, at its next meeting.

3. The two Commissioners discussed the following items :-

(i) Supply of Data relating to the flow in and utilisation of the waters of the Rivers on a daily basis (Article VI(1)).

It was agreed that the communications containing daily data to be supplied by one Commissioner to the other on a daily basis, under Article VI(1) of the Indus Waters Treaty 1960, need not be signed by the Commissioners and that such communications would be authenticated by affixing a seal of the Commissioner supplying the data, the seal being initialled by an officer authorised by the Commissioner concerned.

(ii) Request by Pakistan that India set up wireless stations for transmitting flood warnings to Pakistan (Article VII(1)).

The two Commissioners discussed the draft of the formal arrangements to be agreed upon between the Government of India and the Government of Pakistan for the setting up of the wireless stations and agreed to discuss it further at the next meeting.

(iii) Construction of a new 'Small Plant' on Billing Nala (Annexure D).

The two Commissioners discussed this item and prepared drafts of letters to be issued by them so as to dispose of this item. These drafts will be examined by both sides and will be discussed further when the two Commissioners meet next.

(iv) Procedure for signing of enclosures to communications between the Commissioners.

The two Commissioners reviewed the following subparagraph of paragraph 2(iii) of the Record of the 13th Meeting of the Permanent Indus Commission :

"In the case of all other enclosures, including those containing river gauge and discharge data and precipitation or other meteorological data supplied under the provisions of Article VI of the Treaty, it was agreed that at least the last page of each enclosure will be signed by the Commissioner sending the data".

It was agreed that the last word "data" in the above subparagraph may be replaced by the word "enclosure".

(v) Measures for recovery and restoration to owners of timber and other property (Article IV(11)).

The two Commissioners discussed the ad hoc arrangements for the disposal of timber recovered in Pakistan upto 31st March 1963. The Pakistan Commissioner stated that the timber had been auctioned and that he would be remitting to

the Indian Commissioner, as early as possible, the amount payable to the owners along with details of the sale proceeds by owners and the net amount payable to each owner. The remittance will be made on receipt of confirmation from the Indian Commissioner to the effect that after Pakistan have remitted the amount due to the owners through the Indian Commissioner, under the agreed ad hoc arrangements, the owners would have no claim against the Government of Pakistan on account of the recovered timber. The amount remitted by the Pakistan Commissioner would be adjusted as and when a decision is reached on the suggestion of the Indian Commissioner in paragraph 4(xi)(d) of the Record of the Tenth Meeting of the Commission. This suggestion will be discussed at the next meeting of the Commission.

(2) The two Commissioners also discussed the ad hoc arrangements for the disposal of timber recovered in Pakistan during the year ended on 31st March 1964.

At the request of the Indian Commissioner, the Pakistan Commissioner indicated the prevalent charges for the haulage of timber from the various depots to the nearest railway stations and the carriage of timber from these stations to Amritsar by rail. The Indian Commissioner stated that the matter would be examined further, and if the owners desired the timber to be transported to Amritsar by rail, he would make a request to the Pakistan Commissioner accordingly. The Pakistan Commissioner referred to his earlier suggestion that, as a trial, a few owners be asked to come over to Pakistan, or appoint their agents, to take over their timber according to the regular procedure proposed by Pakistan under Article IV(11) of the Treaty. The Indian Commissioner stated that he was exploring the possibility of this proposal and would inform the Pakistan Commissioner about the result of his efforts as soon as possible.

(3) The Pakistan Commissioner stated that Pakistan would be agreeable to allow the disposal of the timber collected during the year ended on 31st March 1964 on the same conditions and lines as had been agreed upon for the timber collected upto the end of March 1963, excepting the manner of payment or adjustment of the amount due to the owners. This question will be examined by both the Commissioners and discussed at their next meeting.

(4) The two Commissioners discussed the ad hoc arrangements for pushing the timber hold up near the Keran Bend on the river Kishen Ganga. The Indian Commissioner stated that the salvaging of the timber that had been deposited near the Keran Bend during the last many years would be more expensive than just the pushing back of the timber that gets held up in each floating season. He added that it would not be possible for him to determine the strength of labour required for these operations nor would it be possible to indicate the progress of such work. The Pakistan Commissioner desired that about 100 labourers be employed for this work near the Keran Bend for a period of about one month, by the end of June 1964, as an experiment. The Indian Commissioner stated that in addition to the labourers he would have to engage other personnel also in the interest of this work. He explained that the arrangements would involve import of labour, carriage of foodstuffs, procurement of implements, construction of shelters, medical facilities etc., which would naturally take some time. He, however, stated that he would try to have the work commenced as early as practicable on the following conditions and after action had been taken as per conditions (c) to (f) below :-

- (a) These ad hoc arrangements are outside the provision of Article IV(11) of the Treaty and are agreed to as a measure of co-operation and goodwill between the Parties.
- (b) These ad hoc arrangements will be applicable only to the 1964 working season.

- (c) The Pakistan Commissioner will send to the Indian Commissioner a list of owners whose timber was floated from upstream of Keran Bend in the period after 31st March 1960, together with the identification marks of their timber.
- (d) The Pakistan Commissioner will inform the Indian Commissioner that he has obtained the agreement of the owners to represent them.
- (e) The Pakistan Commissioner will inform the Indian Commissioner that he has obtained the agreement of the owners to the effect :
 - (i) that their timber may be pushed back to the main stream of the river so that it may float down, and
 - (ii) that the owners will have no claim against the Government of India in respect of the timber thus re-floated.
- (f) The Pakistan Commissioner will deposit in advance a lumpsum amount of Rs. 20,000/- (Indian currency) with the Indian Commissioner to meet the expenses of the operation mentioned above. This amount will be adjusted against the actual expenditure at the close of the operation by refund to, or recovery from, Pakistan, as the case may be.

Sd/-
(H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/-
(M.A. Hamid) S.O.A.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Karachi,
31st May 1964.

RECORD OF THE FIFTEENTH MEETING OF THE PERMANENT INDUS COMMISSION HELD AT DELHI FROM 12TH TO 18TH JANUARY 1965

PRESENT

PERMANENT INDUS COMMISSION

Shri H.C. Kalra,
Commissioner for
Indus Waters,
Government of India.

Mian Khalil-ur-Rahman, T.Pk.
Pakistan Commissioner for
Indus Waters;
Government of Pakistan.

ADVISERS TO COMMISSIONERS

1. Dr. J.K. Malhotra,
Additional Commissioner
for Indus Waters,
Government of India.

1. Sayyed Z.H. Jafri,
Chief Engineer,
Irrigation Department,
West Pakistan.

2. Shri B.K. Uppal,
Deputy Secretary,
Ministry of Irrigation
and Power,
Government of India.

2. Mr. S.K. Baloch,
Chief Engineer,
Irrigation Department,
West Pakistan.

3. Shri K.L. Anuja,
Deputy Indus Commissioner,
Government of India.

3. Mr. Manzur Ahmad, T.Q.A.,
Engineering Adviser,
Government of Pakistan.

4. Shri D.V. Galati,
Deputy Director,
Ministry of Irrigation
and Power,
Government of India.

4. Syed Habib-ur-Rahman,
Director,
Office of the Pakistan
Commissioner for Indus Waters.

The Commission held its 15th meeting at New Delhi from 12th to 18th January, 1965. At this meeting, the Commission discussed the preparation of Forms of Water-account for Phase II (Paragraph 41 of Annexure H). The draft Forms, as modified in the light of the preliminary discussions during the last meeting of the Commission held at Karachi from 25th to 1st May 1964, were examined and agreement was reached on some of these Forms subject to their being reviewed at the time of finalisation of the remaining Forms at the next meeting of the Commission.

2. The two Commissioners discussed the following items :-

(i) Construction of a new 'Small Plant' on the Billing Nala (Annexure D).

The two Commissioners revised the draft letters prepared during the last meeting of the Commission and agreed to examine them further. They also agreed to consult each other before these were issued.

(ii) (a) Supply of C.B.D.C. Gauge and Discharge Data to Pakistan.

(b) Intents of Indian Canals off-taking at Harike and Bahawalpore.

The Pakistan Commissioner reiterated the view that Pakistan was entitled to the supply of data relating to the items mentioned above under Article VI of the Treaty. The Indian Commissioner, on the other hand, was of the view that the supply of these data was not covered by the said Article.

The Indian Commissioner, however, appreciated the need for the supply of the said data to Pakistan, subject to Paragraph 2D of Annexure H in the case of G.E.D.C. data, during the Transition Period and stated that he would continue to supply these data as a gesture of goodwill and co-operation, on the clear understanding that the supply of these data would not form a precedent for the future.

Without prejudice to the views held by either side, the two Commissioners agreed to close the correspondence on the above subject.

(iii) Measures for the recovery and restoration to owners of timber and other property (Article IV(II)).

The two Commissioners discussed the period of validity of registration of property marks of timber and agreed that the previous registration would be considered to have expired on 31st December 1963 after having remained valid for three years. It was also agreed that the Indian Commissioner would supply to the Pakistan Commissioner a new list of owners and their property marks, for registration for a further period of three years starting from 1st January 1964.

As regards the two alternatives mentioned in paragraph 4(xi)(d) of the Record of the Tenth Meeting of the Commission held in Karachi from 25th to 31st May 1964, the Commissioners agreed to discuss the matter further after the supply, by India, of market rates in respect of the classes of timber already indicated by the Pakistan Commissioner.

As regards the manner of adjustment of the net amount due to the owners in respect of timber recovered in Pakistan during the year 1963-64, the Commissioners agreed that the matter required further examination.

The Pakistan Commissioner referred to his earlier suggestion that, as a trial, a few owners be asked to come over to Pakistan, or appoint their agents, to take over their timber according to the regular procedure proposed by Pakistan under Article IV(II) of the Treaty. The Indian Commissioner stated that despite his efforts to persuade the owners to go to Pakistan to get their timber under the procedure referred to above, none had so far shown willingness to go to Pakistan for this purpose. He, however, agreed to make yet another effort in this direction.

The two Commissioners agreed to discuss this item at the next meeting of the Commission.

(iv) Phase II of the Transition Period (Annexure H).

The two Commissioners conveyed to each other their views regarding the various aspects of this item. It was agreed that each Commissioner would examine the matter further and that they would discuss this item again at the next meeting of the Commission.

(v) Agricultural uses by India on the Western Rivers.

Each Commissioner gave his views on the various aspects of this item.

(vi) Hudiyara Drainage System.

The two Commissioners explained to each other their views regarding the various aspects of this item which will be discussed further at the next meeting of the Commission.

(vii) Supply of daily gauge and discharge data with respect to the flow and utilization of the waters of the India River System for the years 1946-47 to 1959-60 (Article VI(2)).

The two Commissioners reviewed the progress of supply of data relating to this item.

(vi) Water-accounts at Ferozepore for the periods from April 1-10 to May 1-10, 1962 (Part 6 of Annexure H).

The two Commissioners discussed the various aspects of this item and agreed to take it up again at the next meeting of the Commission.

3. The two Commissioners explained to each other their views regarding the various aspects of the following items which will be discussed further at a subsequent meeting of the Commission :-

- (i) Rs. 22 crore flood protection scheme and the dredging of River Jhelum between Sopore and Khadanyar.
- (ii) Supply of data regarding Storage Works on the Western Rivers in operation as on the Effective Date.
- (iii) Request by India for construction of a drainage syphon under Fordwah and Sadiqia Canals under Article VII(1)(b).
- (iv) Maintenance of Salimshah and Fazilka Drains in Pakistan.

Sd/-
(H. C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/-
(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for Indus Waters,
Government of Pakistan.

New Delhi,
18th January, 1965.

RECORD OF THE SIXTEENTH MEETING OF THE
PERMANENT INDUS COMMISSION HELD AT
RAWALPINDI FROM 16TH TO 22ND FEBRUARY 1965.

PRESENTPERMANENT INDUS COMMISSION.

Shri H.C. Kalra, Commissioner for Indus Waters, Government of India.	Mian Khalil-ur-Rahman, T.Pl., Pakistan Commissioner for Indus Waters, Government of Pakistan.
--	--

ADVISERS TO COMMISSIONERS

- | | |
|--|---|
| 1. Dr. J.K. Malhotra,
Additional Commissioner
for Indus Waters,
Government of India. | 1. Sayyed Z.H. Jafri,
Chief Engineer,
Irrigation Department,
West Pakistan. |
| 2. Shri B.K. Unpal,
Deputy Secretary,
Ministry of Irrigation and
Power,
Government of India. | 2. Mr. Manzur Ahmad, T.Q.A.,
Engineering Adviser,
Government of Pakistan. |
| 3. Shri K.L. Ahuja,
Deputy Indus Commissioner,
Government of India. | 3. Syed Habib-ur-Rahman,
Director,
Office of the Pakistan
Commissioner for Indus Waters. |

The Commission held its 16th meeting at Rawalpindi from 16th to 22nd February, 1965. At this meeting, the Commission resumed discussion on the preparation of Forms of Water-account for Phase II (Paragraph 41 of Annexure H), and examined the remaining draft Forms. Agreement was reached on some of the Forms subject to their being reviewed at the next meeting of the Commission.

The Commission appreciated that before finalization of the Forms, it would be necessary for the Commissioners to reach agreement on a few related points. Views on those points were exchanged and tentative decisions taken. The Commission agreed to finalise the Forms at its next meeting.

2. The two Commissioners again discussed the various aspects of the following items :-

- (i) Phase II of the Transition Period (Annexure H).
- (ii) Hudiara Drainage System.

They felt that further examination of certain aspects of these items was necessary and agreed to discuss them at the next meeting of the Commission.

Sd/-
(H.C. Kalra)
Commissioner for Indus
Waters,
Government of India.

Sd/-
(Khalil-ur-Rahman) T.Pl.,
Pakistan Commissioner for Indus
Waters,
Government of Pakistan.

Rawalpindi,
22nd February, 1965.

RECORD OF THE TWENTYFIRST TOUR OF INSPECTION BY THE PERMANENT INDUS COMMISSION UNDERTAKEN FROM 30TH APRIL TO 9TH MAY 1964 AS THE NINTH PART OF THE FIRST GENERAL TOUR OF INSPECTION UNDER ARTICLE VII(4)(c) OF THE INDUS WATERS TREATY 1960.

The Commission undertook the ninth part of the First General Tour of Inspection, under Article VII(4)(c) of the Treaty, from 30th April to 9th May 1964 and inspected the following on The Ravi:

<u>Sl. No.</u>	<u>Rivers and Works inspected</u>	<u>Date or dates on which inspected</u>
(1)	Gogawan drain from R.D. 75600 to its outfall into the Ravi Main.	1.5.64
(2)	The Ravi Main from its final crossing into Pakistan to the confluence of Sakki Nala with it.	1.5.64
(3)	Sakki Nala diversion (2100 feet long) near its confluence with the Ravi Main.	1.5.64
(4)	The flood protection embankment along the left bank of the Ravi Main from opposite village Bhindi Aulakh to opposite Dera Baba Narak including	
	(i) three spurs opposite village Bhindi Aulakh,	
	(ii) seven spurs opposite village Raipur,	
	(iii) four spurs opposite village Balharwal,	
	(iv) three spurs opposite village Sahuwal, and	
	(v) three spurs opposite village Nangal Amb.	2.5.64
(5)	The channel excavated in the bed of the Ravi Main on the right side of the main creek near village Dhyansinghpura.	2.5.64
(6)	The diversion channel connecting Sakki Nala with Naunani Nala, to the extent visible from the following points :-	
	(i) Off-take of the diversion channel from Sakki Nala.	
	(ii) Crossing of the diversion channel with Dera Baba Narak - Ajoala road.	
	(iii) Crossing of the diversion channel with the flood protection embankment on the left bank of the Ravi Main.	2.5.64
(7)	The flood protection embankment along the left bank of the Ravi Main from opposite Dera Baba Narak to opposite village Taragan including	
	(i) seven spurs opposite village Rose and	
	(ii) two spurs opposite village Dostpur.	3.5.64
(8)	The Ravi Main and its tributaries, to the extent visible from the works listed against items (4) and (7) above.	2.5.64 and 3.5.64
(9)	Spurs opposite village Jaitpur on Jalalia a tributary of the Ujh river.	4.5.64

<u>Sl. No.</u>	<u>Rivers and Works inspected</u>	<u>Date or dates on which inspected</u>
(10)	Mukesar Gauge and Discharge site on the Ravi Main.	4.5.64
(11)	Thein Dam site on the Ravi Main.	4.5.64
(12)	The Ravi Main and its tributaries from Madhopur to Thein Dam site, to the extent visible from Lakhampur - Basoli road.	4.5.64
(13)	The Ravi Main and its tributaries, to the extent visible from Pathankot - Dalhousie road, Dalhousie - Dareda - Chamba road and Chamba - Kalhel portion of Chamba - Tissa road.	5.5.64 6.5.64 and 8.5.64
(14)	Hydro-electric Plant on Saho river near Chamba.	6.5.64
(15)	Chamba Gauge and Discharge site on the Ravi Main.	8.5.64

The following advisers accompanied the Commissioners :-

India

Sd/ K.L. Ahuja

Pakistan

1. Mr. Manzur Ahmad, T.Q.A.

2. Mr. Z.A. Khan Burki

Sd/(B.K. Uppal)
Commissioner for Indus Waters,
Government of India.

Sd/(Khalil-ur-Rahman) T.Pk.
Pakistan Commissioner for Indus Waters,
Government of Pakistan.

Amritsar,
9th May, 1964.

RECORD OF THE TWENTYSECOND TOUR OF INSPECTION BY
THE PERMANENT INDUS COMMISSION UNDERTAKEN FROM
14TH TO 22ND JULY 1964 AS THE TENTH PART OF THE
FIRST GENERAL TOUR OF INSPECTION UNDER ARTICLE
VIII(4)(c) OF THE INDUS WATERS TREATY 1960.

The Commission undertook the tenth part of the First General Tour of Inspection, under Article VIII(4)(c) of the Treaty, from 14th to 22nd July 1964 and inspected the following on The Chenab, The Jhelum and The Indus :-

<u>Sl. No.</u>	<u>Rivers and Works inspected</u>	<u>Date or dates on which inspected</u>
(1)	Marh-Chiniot Drain from R.D. 4,400 to its outfall into the Chenab Main.	15.7.64
(2)	Jhang Protection Bund from R.D. 0 to 18,000.	15.7.64
(3)	Trimmu Headworks including :	
	(i) the head regulators of Haveli Canal and Rangpur Canal.	
	(ii) the left Marginal Bund from R.D. 0 to 46,000 and the Right Marginal Bund from R.D. 0 to 12,000.	
	(iii) the head regulator of Trimmu-Sidhrai Link (under construction).	15.7.64
(4)	The Chenab Main and its tributaries, to the extent visible, from the Chuharkana-Chiniot Jhang-Trimmu road, Chiniot Bridge, Trimmu Headworks and Rivaz Bridge.	15.7.64 and 16.7.64
(5)	Lower Ranjwah Drain, to the extent visible, from its crossing with the Jhang-Sargodha road.	16.7.64
(6)	Outfall of Mona Drain into Sulki Escape Drain, Sulki Escape Drain from R.D. 0 to 22,000 and Additional Mona Outfall Drain from R.D. 0 to 21,000 and outfall of Jahanabad Drain into Sulki Escape Drain.	16.7.64
(7)	Gujrat Branch of Upper Jhelum Canal from R.D. 0 to 171,000 and Upper Jhelum Canal from R.D. 244,000 to 255,000.	17.7.64
(8)	Rasul Headworks including the head regulator of Lower Jhelum Canal.	17.7.64
(9)	Rasul Hydro-electric Plant including the power channel from its off-take to the hydel station and the tail race to the extent visible from the hydel station.	17.7.64
(10)	The Jhelum Main and its tributaries, to the extent visible from Jhang-Sahiwal-Sargodha road, Rasul Headworks and the De-Montmorancy Bridge.	16.7.64 17.7.64 and 19.7.64
(11)	Chashma Barrage site on the Indus Main.	19.7.64
(12)	The Indus Main, to the extent visible, from the Chashma Barrage site.	19.7.64
(13)	Thal Canal from R.D. 0 to 10,800.	19.7.64

<u>Sl. No.</u>	<u>Rivers and Works inspected</u>	<u>Date or dates on which inspected</u>
(14)	Kalabagh Headworks including : (i) the head regulator of Thal Canal. (ii) the Right Marginal Bund from R.D. 0 to 9,043 and the Left Marginal Bund from R.D. 0 to 7,410.	19.7.64
(15)	The Indus Main and its tributaries, to the extent visible from Dauckhel-Kalabagh-Mari Indus Station road.	19.7.64
(16)	Namal Canal from R.D. 0 to 57,000 and its head regulator.	20.7.64
(17)	Namal Lake to the extent visible from a point about 19 miles from Mianwali on Mianwali Talagang road.	20.7.64

2. As authorised by the Commission, the inspection of Ghashma Barrage site and The Indus Main referred to in Sl.Nos. 11 and 12 of paragraph 1 above, was carried out, on its behalf, by the advisers named in paragraph 3 below.

3. The following advisers accompanied the Commissioners :-

INDIA

1. Shri K.L. Ahuja

PAKISTAN

1. Syed Habib-ur-Rahman

2. Mr. Z.A. Khan Burki

Sd/-
(H.C. Kalra)
Commissioner for Indus
Waters,
Government of India.

Sd/-
(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for Indus
Waters,
Government of Pakistan.

Lahore,
July 22, 1964.

RECORD OF THE TWENTYTHIRD TOUR OF INSPECTION BY THE
INDUS RIVERS COMMISSION UNDERTAKEN FROM 15TH TO
24TH SEPTEMBER 1964 AS THE ELEVENTH PART OF THE
FIRST GENERAL TOUR OF INSPECTION UNDER ARTICLE VIII
(2)(c) OF THE INDUS WATERS TREATY 1960.

The Commission undertook the eleventh part of the First General Tour of Inspection, under Article VIII(2)(c) of the Treaty, from 15th to 24th September 1964 and inspected the following on The Jhelum :-

Sl. No.	Rivers and Works Inspected	Date or dates on which inspected
(1)	Heads of Padchahi Kuhl and Lar Kuhl.	15.9.64
(2)	Prang Headworks and Sind Power Channel from its head to near about mile ten.	15.9.64
(3)	Sind River and its tributaries, to the extent visible from Ganderbal-Zangan and Ganderbal-Safapur roads.	15.9.64
(4)	Jhelum Main and its tributaries, to the extent visible from Sumbal-Srinagar road.	15.9.64
(5)	Dal and Marasbal lakes, to the extent visible from Srinagar-Shalimar Garden-Ganderbal-Safapur-Sumbal road.	15.9.64
(6)	Sopore Gauge and Discharge site on the Jhelum Main.	16.9.64
(7)	Jhelum Main and its tributaries, to the extent visible from the new and the old Sopore bridges.	16.9.64 and 21.9.64
(8)	Heads of Dal Kuhl and Zaingir canals.	16.9.64
(9)	Fohru river and its tributaries upto head of Lal Kuhl Canal, to the extent visible from Sopore-Kupwara road.	16.9.64
(10)	Watiab Gauge site on the Wular Lake.	16.9.64
(11)	Wular Lake to the extent visible from Watiab-Bandipur-Ajas-Hakbara road.	16.9.64
(12)	Hakbara, Paribal, Hajan Markundal and Rashi Sailwat Lift irrigation stations on the Jhelum Main.	16.9.64
(13)	Jhelum Main to the extent visible from Hakbara-Sumbal road.	16.9.64
(14)	Machumati Nala to the extent visible from Bandipur-Sonarwani road.	16.9.64
(15)	Heads of Shaltang and Sumbal canals.	17.9.64
(16)	Sachrag Nala to the extent visible from the head of Sumbal Canal.	17.9.64
(17)	Ferozepore Nala to the extent visible from Magan-Tangmarg-Gulmarg road.	17.9.64
(18)	Heads of Qarkha, Ompora and Ahiji canals.	18.9.64

Sl. No.	Rivers and Works inspected	Date or dates on which inspected
(19)	Supply Channel of Ahiji Canal and the diversion bunds to feed the Supply Channel.	18.9.64
(20)	Sukhnag Nala to the extent visible from Biru-Arzal road.	18.9.64
(21)	Gauge and Discharge site on the Jhelum Main at 55 Chains Below Baramula Bridge.	19.9.64
(22)	Site of offtake of Side Channel (RD 71,900 of Outfall Channel) and Side Channel (RD 71,900 to 85,000 of Outfall Channel) under construction on the right bank of the Jhelum Main; to the extent visible from the road along the left bank of the river.	19.9.64
(23)	Seer cut-off from RD 47,900 to 41,900 and further upstream to the extent visible.	19.9.64
(24)	Jhelum Main from Doabgah to Khadanyar.	19.9.64
(25)	Juhama, Ladura and Delina lift irrigation stations on the Jhelum Main.	19.9.64
(26)	Tarzoo Weir on the Ningli Nala and heads of Tarzoo Left and Tarzoo Right canals.	19.9.64
(27)	Ningli Nala to the extent visible from Tarzoo Weir.	19.9.64
(28)	Heads of Malhora, Rakhi Litter, Reshipora, Zainpura, Awanyur and Nandi canals.	20.9.64
(29)	Tongri Nala to the extent visible from the heads of Reshipora and Rakhi Litter canals and from Bijbehara-Sitragam road.	20.9.64
(30)	Sonaman Nala to the extent visible from the head of Zainpura Canal.	20.9.64
(31)	Jhelum Main and its tributaries, to the extent visible from Srinagar-Khanabal-Vering road.	20.9.64
(32)	Vering Spring at the source of the Jhelum Main.	20.9.64
(33)	Supply Channel of the Nandi Canal and its head regulator on Veth Vatroo river.	20.9.64
(34)	Veth Vatroo and Vishow rivers to the extent visible from the Supply Channel of Nandi Canal.	20.9.64
(35)	Site of the bar in the bed of the Jhelum Main downstream of the old Sopore bridge.	21.9.64
(36)	Awantipora Canal from RD Zero to 32,000 and its head regulator on Gogas Nala.	21.9.64
(37)	Padgampora, Barsoo, Litapora and Sombra lift irrigation stations on the Jhelum Main.	21.9.64
(38)	in to the extent visible from the stations mentioned in item No. 37 above.	21.9.64

RECORD OF THE TWENTYFOURTH TOUR OF INSPECTION BY THE
PERMANENT INDUS COMMISSION UNDERTAKEN FROM 16TH TO 25TH
OCTOBER 1964 AS THE TWELFTH PART OF THE FIRST GENERAL
TOUR OF INSPECTION UNDER ARTICLE VIII(A)(c) OF THE
INDUS WATERS TREATY 1960.

The Commission undertook the twelfth part of the First General Tour of Inspection, under Article VIII(A)(c) of the Treaty, from 16th to 25th October 1964 and inspected the following on The Indus, The Jhalum, The Chenab and The Ravi :-

<u>S. No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
(1)	Misriot Dam on Domel Kas.	17.10.64
(2)	Domel Kas, a tributary of Soan river, to the extent visible from Misriot Dam.	17.10.64
(3)	Haro river and its tributaries, to the extent visible from Rawalpindi-Hasan Abdal-Haripur road.	17.10.64
(4)	Mang Dam-(under construction) on Ichhar Kas.	17.10.64
(5)	Ichhar Kas, a tributary of Haro river, to the extent visible from Mang Dam.	17.10.64
(6)	Kahal Dam (under construction) on Kahai Kas.	17.10.64
(7)	Kahal Kas, a tributary of Haro river, to the extent visible from Kahal Dam.	17.10.64
(8)	Dor river and its tributaries; to the extent visible from Haripur-Abbotabad road.	17.10.64
(9)	Tributaries of Siran river to the extent visible from Abbotabad-Manshra-Balakot road.	18.10.64
(10)	Site for the proposed Paras hydro-electric plant on Kunhar river.	18.10.64
(11)	Suki Kinari Dam site on Kunhar river.	18.10.64
(12)	Site for the proposed Suki Kinari hydro-electric plant on Kunhar river.	18.10.64
(13)	Naran Dam site on Kunhar river.	18.10.64
(14)	Kunhar river and its tributaries; to the extent visible from Manshra-Balakot-Naran and Balakot-Muzaffarabad roads.	18.10.64 and 19.10.64
(15)	Lohar Gali Dam site on Kunhar river.	19.10.64
(16)	Muzaffarabad Gauge and Discharge site on Kishanganga also called Neelum river.	19.10.64
(17)	Kishanganga also called Neelum river and its tributaries, to the extent visible from Lohar Gali-Muzaffarabad-Domel road.	19.10.64
(18)	Kohala Gauge and Discharge site on the Jhelum Main.	19.10.64
(19)	Jhelum Main and its tributaries, to the extent visible from Muzaffarabad-Kohala-Murroc road.	19.10.64

S. No.	Rivers and Works Inspected	Date or dates on which inspected
(20)	Jhelum Main and its tributaries, to the extent visible from Dina-Mangla road.	20.10.64
(21)	Mangla Dam and its appurtenant works (under construction).	20.10.64 21.10.64 and 22.10.64
(22)	Jhelum Main and its tributaries, to the extent visible from Mangla-New Mirpur Town-Jari Kas dam road.	21.10.64
(23)	Head-regulator of Upper Jhelum Canal.	22.10.64
(24)	Mangla Gauge and Discharge site on Jhelum Main above the head-regulator of Upper Jhelum Canal.	22.10.64
(25)	Rohtas Dam site on Kahan river, a tributary of the Jhelum.	22.10.64
(26)	Tainpura Kas and its tributaries, to the extent visible from Dina-Rohtas road.	22.10.64
(27)	Kahan river from its confluence with Tainpura Kas to Rohtas Dam site.	22.10.64
(28)	Jhelum Gauge site on Jhelum Main.	22.10.64
(29)	Jhelum Main and its tributaries, to the extent visible from Dina-Sarai Alamgir road.	22.10.64
(30)	Kot Jafar Distributary from its crossing with G.T. road to R.D. 21,000 of Left Marginal Bund of Khanki Headworks.	22.10.64
(31)	Khanki Headworks including :-	
	(i) Main and subsidiary head regulators of Lower Chenab Canal.	
	(ii) Left Marginal Bund from R.D. Zero to 21,000.	
	(iii) Falkhu spur from R.D. Zero to 2,665.	22.10.64
(32)	Chenab Main and its tributaries, to the extent visible from the Left Marginal Bund of Khanki Headworks.	22.10.64
(33)	Chenab Main to the extent visible from Alexandria Bridge.	22.10.64
(34)	Ravi Main and its tributaries, to the extent visible from Wazirabad-Lahore road.	22.10.64
(35)	Hudiana Drain from R.D. 309,000 to 257,000; 250,085 to 155,000 and 142,500 to its crossing with Indo-Pakistan border and to the extent visible from R.Ds. 257,000; 250,085; 155,000 and 142,500.	23.10.64
(36)	Sattokatta Drain from R.D. Zero to 54,000.	23.10.64
(37)	Rakh Chandrai Drain to the extent visible from its outfall into Sattokatta Drain.	23.10.64
(38)	Kot Lakhpat Drain to the extent visible from its outfall into Sattokatta Drain.	23.10.64

<u>S. No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
(39)	Kahna Drain to the extent visible from its outfall into Hudiana Drain.	23.10.64
(40)	Charrar Drain to the extent visible from its outfall into Hudiana Drain.	23.10.64
(41)	Alhu Drain to the extent visible from its outfall into Hudiana Drain.	23.10.64
(42)	Chak Dheru Drain to the extent visible from its outfall into Hudiana Drain.	23.10.64
(43)	Barki Drain from R.D. Zero to 13,500.	23.10.64
(44)	Deo Padhana Drain to the extent visible from its crossing with Lallo-Padhana road.	23.10.64

2. As authorised by the Commission, the inspection of the following was carried out, on its behalf, by the advisers mentioned against each :-

- | | |
|--|---|
| (i) Kot Jafar Distributary, Khanki Headworks and The Chenab referred to in Sl. Nos. 30, 31 and 32 above. | Shri K.L. Ahuja and Syed Habib-ur-Rahman. |
| (ii) Barki Drain referred to in Sl. No.43, above. | Shri G.S. Sidhu, Shri K.L. Ahuja and Mr. Z.A. Khan Burki. |

3. The following advisers accompanied the Commissioners :-

INDIA

PAKISTAN

- | | |
|---|--------------------------|
| (1) Shri R.S. Gill from 16.10.64 to 22.10.64 and Shri G.S. Sidhu on 23.10.64 and 24.10.64 | (1) Syed Habib-ur-Rahman |
| (2) Shri K.L. Ahuja | (2) Mr. Z.A. Khan Burki |

Sd/-
(H.C. Kalra)
Commissioner for Indus Waters,
Government of India

Sd/-
(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for Indus Waters,
Government of Pakistan

Lahore,
October 25, 1964.

A. J. ...

RECORD OF THE TWENTYFIFTH TOUR OF INSPECTION
BY THE PERMANENT INDUS COMMISSION UNDER-
TAKEN FROM 25TH NOVEMBER TO 1ST DECEMBER 1964

The Permanent Indus Commission inspected the following works in India on the dates shown against each :-

Sl. No.	Work inspected	Date on which inspected
(1)	Hudiyara Drain from R.D. Zero (Indo-Pakistan border) to R.D. 57,000.	26.11.64
(2)	Attari Drain from R.D. Zero to 27,500.	26.11.64
(3)	Padiar Drain from R.D. Zero to 1,000, 3,900 to 12,000 and 15,000 to 21,000, and to the extent visible from R.D.'s 1,000, 3,900, 12,000 and 15,000.	26.11.64
(4)	Hudiyara Drain from R.D. 57,000 to 94,000.	27.11.64
(5)	Tung Dhab Drain from R.D. Zero to 48,000.	27.11.64
(6)	Chheherta Distributary from R.D. 41,500 to 47,700.	27.11.64
(7)	Gumtala Drain from R.D. Zero to 10,000.	27.11.64
(8)	Nag Drain from R.D. Zero to 23,000.	27.11.64
(9)	Dhing Nangal Drain from R.D. Zero to 20,000 and 25,000 to 45,000, and to the extent visible from R.D.'s 20,000 and 25,000.	27.11.64
(10)	Majitha Distributary from R.D. 57,382 to 67,000.	27.11.64
(11)	City Outfall Drain from R.D. Zero to 65,000.	28.11.64
(12)	Khera Drain from R.D. Zero to 30,400.	28.11.64
(13)	Chheherta Distributary from R.D. 74,500 to 90,000.	28.11.64
(14)	Kohali Drain from R.D. Zero to 23,000.	28.11.64
(15)	Hudiyara Drain from R.D. 94,000 to 1,00,000.	28.11.64
(16)	Main Branch Lower from R.D. 1,31,000 to 1,89,300.	29.11.64
(17)	Gandiwind Drain from R.D. Zero to 35,150.	29.11.64
(18)	Kasel Pahana Drain from R.D. 3,500 to 41,000, and to the extent visible from its outfall into Gandiwind Drain, R.D. 3,500 and R.D. 41,000.	29.11.64
(19)	Amritsar Distributary from R.D. 92,308 to 87,310.	29.11.64
(20)	Jagatpur Drain from R.D. Zero to 3,000 and 10,500 to 12,000, and to the extent visible from R.D.'s 3,000, 5,500, 10,300, 12,000 and 15,000.	29.11.64
(21)	Gumtala Drain from R.D. 10,000 to 54,000.	29.11.64
(22)	Kohali Verka-Gumtala Link Drain to the extent visible from its outfall into Gumtala Drain.	29.11.64
(23)	Talwandi Bharat-Gumtala Link Drain (under construction) to the extent visible from its outfall into Gumtala Drain.	29.11.64
(24)	Talwandi Bharat Drain from R.D. 10,000 to 60,000, and to the extent visible from R.D. Zero, 10,000 and 60,000.	29.11.64
(25)	Majitha Distributary from R.D. 17,000 to Zero.	29.11.64

<u>Sl. No.</u>	<u>Work inspected</u>	<u>Date on which inspected</u>
(26)	Hudiyara Drain from R.D. 1,00,000 to 1,31,000.	30.11.64
(27)	Majitha-Hudiyara-Tarpai Drain from R.D. Zero to 33,250 and 37,500 to 47,500, and to the extent visible from R.D's. 33,250, 37,500, 47,500 and 64,520 of the drain, and from Lahore Branch R.D. 36,000 to 43,000.	30.11.64
(28)	Lahore Branch from R.D. 36,000 to 64,500.	30.11.64
(29)	Majjapur Drain from R.D. Zero to 25,000 and 32,000 to 33,500, and to the extent visible from R.D's. 25,000, 32,000 and 33,500.	30.11.64
(30)	Nasarko Minor from R.D. 17,268 to 27,874.	30.11.64
(31)	Raja Sansi Drain from R.D. Zero to 42,250.	30.11.64
(32)	Chhoherta Distributary from R.D. Zero to 2,500.	30.11.64
(33)	Vorka-Gamtala Link Drain to the extent visible from R.D. 1,880.	30.11.64
(34)	Lahore Branch from R.D. 92,500 to 1,06,405.	30.11.64
(35)	Vorka Drain from R.D. 9,500 to 10,375, and to the extent visible from R.D's. 9,500 and 10,375.	30.11.64
(36)	Tung Dhab Drain to the extent visible from R.D. 63,500.	30.11.64

This tour of inspection was undertaken at the request of the Pakistan Commissioner for Indus Waters, under Article VIII(4)(d) of the Treaty.

2. During the tour of inspection, the two Commissioners were accompanied by the following advisers :

India

1. Shri G.S. Sidhu on 26th, 27th, 29th and 30th, and Shri Kailash Chand on 28th November 1964.
2. Shri D. V. Gulati.

Sd/-

(H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Amritsar,

Pakistan

1. Mr. M.H. Khan.
2. Mr. Z.A. Khan Burki

Sd/-

(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for Indus Waters,
Government of Pakistan.

From.

The Permanent Indus Commission.

To

1. The Government of India,
Ministry of Irrigation and Power,
New Delhi.
2. The Government of Pakistan,
Ministry of Industries and
Natural Resources,
Rawalpindi.

Subject : Annual Report for the year ended on
31st March 1966

Sir,

The Commission has the honour to invite attention to Article VIII(8) of the Indus Waters Treaty 1960 and to submit herewith its Annual Report for the year ended on 31st March 1966.

The Commission wishes to express its appreciation of the assistance received, in the discharge of its functions, from the officers associated with its work.

Yours faithfully,

Sd/-
(P.R. Ahuja)
Commissioner for Indus Waters,
Government of India.

Sd/-
(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Karachi,
17th May 1966.

PERMANENT INDUS COMMISSION

ANNUAL REPORT

FOR

THE YEAR ENDED ON 31ST MARCH 1966

CONTENTS

1. Introductory
2. Meetings of the Commission
3. General Tours of Inspection
4. Special Tours of Inspection
5. General

ANNEXURE

Particulars of items discussed at the meetings
of the Commission held during the year

APPENDICES

- A.1 Record of the Seventeenth Meeting of the
 Commission
- A.2 Record of the Eighteenth Meeting of the
 Commission
- A.3 Record of the Nineteenth Meeting of the
 Commission

2.4 The question as to whether the discussions of the remaining two items at Serial Nos. 10 and 11 related to the Commission, or to the two Commissioners (as distinct from the Commission), or to both the Commission and the two Commissioners (as distinct from the Commission) remained under examination.

2.5 Copies of the Records of the Seventeenth, Eighteenth and Nineteenth Meetings are enclosed as Appendices A.1, A.2 and A.3 respectively.

3. GENERAL TOURS OF INSPECTION

3.1 According to Article VIII(4)(c) of the Treaty, the Commission is required 'to undertake, once in every five years, a general tour of inspection of the Rivers for ascertaining the facts connected with various developments and works on the Rivers'. The general tour of inspection for the first 5-year period (1st April 1960 to 31st March 1965), which was called the First General Tour, concluded last year. The Second General Tour, to be undertaken during the 5-year period which will end on 31st March 1970, could not be commenced during the year under report. The Commission, however, tentatively agreed to undertake the first two parts of the tour in May and June 1966. It further agreed that the first part of the tour would be arranged by Pakistan and the second part by India.

4. SPECIAL TOURS OF INSPECTION

4.1 Under the provisions of Article VIII(4)(d) of the Treaty, the Commission is required 'to undertake promptly, at the request of either Commissioner, a tour of inspection of such works or sites on the Rivers as may be considered necessary by him for ascertaining the facts connected with those works or sites'.

: In the Annual Reports of the Commission, such a tour has been referred to as a 'special tour of inspection' to distinguish it from the 'general tour of inspection' mentioned in Article VIII(4)(c) of the Treaty.

4.2 During the year under report, the Commission did not undertake any special tour of inspection.

5. GENERAL

The Commission is happy to record that a spirit of goodwill, understanding and co-operation was maintained in its work during the early part of the year. Its activities thereafter were hampered by the grave happenings in the later part of the year. However, its meeting in March 1966 was held in a cordial atmosphere.

Sd/-

(P.R. Ahuja)

Commissioner for Indus Waters, Pakistan Government of India.

Sd/-

(Khalil-ur-Rahman) T. Pk.,

Commissioner for Indus Waters Government of Pakistan.

Karachi,
17th May 1966

S. :
: Item discussed
No. :

7. Exchange of Data (Article VI(1))
8. Water-account for May 11-20, 1965
(Part 6 of Annexure H)
9. Commencement of Phase II of the
Transition Period (Annexure H)
10. Deliveries to Pakistan from the Eastern
Rivers during the period September 19
onwards (Annexure H)
11. Measures for recovery, and restoration
to owners, of timber and other property
(Article IV(11))

PARTICULARS OF ITEMS DISCUSSED AT THE MEETINGS
OF THE COMMISSION HELD DURING THE YEAR

S. No. :	Item discussed	: Meeting : : at which : : discussed :	Position as on 31st March 1966
1.	Preparation of Forms of Water-account for Phase II (Paragraph 41 of Annexure H)	Seventeenth Eighteenth and Nineteenth	The Commission finalised the Forms (18 in all considered necessary, at this stage, for maintaining an account of the distribution of waters, as at Ferozeshah, during Phase II.
2.	Second General Tour of Inspection (Article VIII(4)(c))	Seventeenth and Nineteenth	This item covers the 5-year period which will end on 31st March 1970 and thus is of a continuing nature. Some tentative decisions were taken with regard to the first two parts of the Second General Tour.
3.	Preparation of the Annual Report for the year ended on 31st March 1965 (Article VIII(8))	Eighteenth	The report was finalised and submitted to the Government of India and the Government of Pakistan on 31st May 1965.
4.	Preparation of appropriate Forms of Water-account for <u>kharif</u> 1965 (Paragraph 41 of Annexure H)	Eighteenth and Nineteenth	The Commission finalised one additional Form of Water-account for <u>kharif</u> 1965. This was the only Form considered necessary for <u>kharif</u> 1965 in addition to the Forms for Phase I and Phase II.
5.	Amendment of Paragraph 46 of Annexure H to the Treaty	Seventeenth	Annexure H was amended by adding two new provisos to Paragraph 46.
6.	<u>Ad hoc</u> arrangements for distribution of the waters of The Sutlej and The Beas during <u>kharif</u> 1965 (Annexure H)	Seventeenth	Annexure H was amended by adding a new part 'Additional Provisions for <u>kharif</u> 1965'.

S. No.	Item discussed	Meeting at which discussed	Position as on 31st March 1966
--------	----------------	----------------------------	--------------------------------

- | | | |
|--|------------|--|
| 7. Exchange of Data (Article VI(1)) | Nineteenth | Certain data with respect to the flow in and utilisation of the waters of the Rivers, for the period from early September 1965 to about the middle of February 1966, were exchanged. |
| 8. Water-account for May 11-20, 1965 (Part 6 of Annexure H) | Nineteenth |) Disposed of. |
| 9. Commencement of Phase II of the Transition Period (Annexure H) | Nineteenth | |
| 10. Deliveries to Pakistan from the Eastern Rivers during the period September 1965 onwards (Annexure H) | Nineteenth |) To be discussed further. |
| 11. Measures for recovery, and restoration to owners, of timber and other property (Article IV(11)) | Nineteenth | |

RECORD OF THE SEVENTEENTH MEETING OF THE
PERMANENT INDUS COMMISSION HELD AT DELHI
FROM 17TH TO 23RD APRIL 1965.

PRESENT

PERMANENT INDUS COMMISSION

Shri H.C. Kalra,
Commissioner for Indus Waters,
Government of India.

Mian Khalil-ur-Rahman, T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

ADVISERS TO COMMISSIONERS

1. Dr. J.K. Malhotra,
Additional Commissioner
for Indus Waters,
Government of India.

1. Mr. Manzur Ahmad, T.Q.A.,
Engineering Adviser,
Government of Pakistan.

2. Shri B.K. Uppal,
Deputy Secretary,
Ministry of Irrigation
and Power,
Government of India.

2. Mian Ijaz Nabi,
Deputy Commissioner for
Indus Waters,
Government of Pakistan.

3. Shri K.L. Ahuja,
Deputy Indus Commissioner,
Government of India.

3. Mr. Z.A. Khan Burki,
Executive Engineer,
Irrigation & Power Department,
Government of West Pakistan.

4. Shri D.V. Gulati,
Deputy Director,
Ministry of Irrigation
and Power,
Government of India.

The Commission held its 17th meeting at New Delhi from 17th to 23rd April, 1965. At this meeting, the Commission discussed the preparation of Forms of Water-account for Phase II (Paragraph 41 of Annexure H) and finalised Forms 2 to 12, copies enclosed as Annexures I to XI. It was agreed to take up the finalization of the remaining Forms at the next meeting of the Commission.

2. The Commission had a preliminary discussion in regard to the Second General Tour of Inspection to be undertaken, under Article VIII(4)(c) of the Treaty, in the five-year period commencing from 1st April, 1965. The Commission decided to discuss this matter in detail at its next meeting.

3. The two Commissioners agreed to amend Annexure H to the Treaty by adding the following as a new paragraph between Paragraphs 46(a) and 46(b) :-

(aa) If, in any Water-accounting Period during Phase II, the sum of (i), (ii), (iii), (iv), (v) and (vi) below exceeds 30,000 cusecs during September 11-20 or 21-30, 25,000 cusecs during October 1-10 or 11-15, or 10,000 cusecs during October 16-20 to March 21-31, then there will be no carry-over from any such period to the next period.

- .O.T.9 (i) The supply at Ferozepore Below plus the withdrawals by the Dipalpur Canal, if any.
- (ii) During March 1-10 to 21-31, September 11-20 and September 21-30, the appropriate 'gross amount', as at Ferozepore, determined in accordance with Paragraph 22(b) or Paragraph 35.
- (iii) During September 11-20 to November 1-10, the actual gains and losses from Ferozepore to Islam, losses being treated as negative gains; or, under the circumstances specified in Paragraph 62, the estimated gains agreed upon between the Commissioners.
- (iv) During September 11-20 and 21-30, the amount determined for delivery at Ferozepore under the provisions of Paragraph 25 minus the corresponding amount under the provisions of Paragraph 29(g).
- (v) During March 1-10, 11-20 and 21-31, the reduction in deliveries at Ferozepore as determined under the provisions of Paragraph 37,
- .O.T.9 (vi) During September 11-20 to March 21-31, the reduction in deliveries at Ferozepore under the provisions of Paragraph 66.

4. The two Commissioners agreed, without prejudice to the views held by either Commissioner in regard to the interpretation of Paragraph 46(b) of Annexure H to the Treaty, to add the following as a new paragraph between Paragraphs 46(b) and 46(c) of Annexure H :-

(bb) If, in any Water-accounting Period after March 21-31, 1965, the indents of the Indian canals at Ferozepore and Harike have not been met in full and there is an excess (E) in deliveries to Pakistan at Ferozepore, then such excess shall be carried forward to the next Water-accounting Period subject, however, to the following maxima :-

- (1) During April 1-10 to June 21-30 and November 11-20 to March 11-20 :

The sum of the indents of the Indian canals at Harike and Ferozepore

minus

the sum of the corresponding 'withdrawals' as defined hereafter in this paragraph.

(ii) During July 1-10 to September 1-10:

Nil

(iii) During September 11-20 to November 1-10:

$$S + \left[(E-S)/2 \text{ limited to } C/N \right]$$

where S = the sum of the indents of
the Indian canals at Harike
and Ferozepore

minus

the sum of the corresponding
'withdrawals' as defined
hereafter in this paragraph,

C = the storage capacity, in cusec-
days of the pond at Harike at
R.L. 690.0

minus

the actual volume in the pond
in cusec-days on the last day
of the preceding Water-accounting
Period, and

N = the number of days in the
current Water-accounting Period.

For the purpose of comparison with the sum of the indents, the sum of the 'withdrawals' will be taken as the sum of the actual withdrawals of the Indian canals at Ferozepore and Harike adjusted for the releases from or abstractions for the Harike pond during the Water-accounting Period. If the sum of the 'withdrawals' equals or exceeds the sum of the indents, the indents will be regarded as having been met in full.

5. The two Commissioners discussed the provisions of Paragraphs 3 and 4 of Annexure H to the Treaty relating, inter alia, to commencement of Phase II. Without prejudice to the views held by either Commissioner on this matter including the interpretation of the words "ready to operate", the two Commissioners agreed to adopt ad hoc arrangements for the distribution of the supplies of The Sutlej and The Beas during kharif 1965. For this purpose, they agreed to amend Annexure H to the Treaty by adding a new Part in that Annexure, after Part 10, as follows :-

PART 11 - Additional Provisions for kharif 1965.

71. In addition to the withdrawals under Paragraphs 21, 22, 23 and 24, India may make further withdrawals, in each Water-accounting Period during kharif 1965, the amount of which shall be determined as follows :-

- (a) For each Water-accounting Period, the 'distributable supply' shall be taken as equal to the discharge at the head of Sidhnai-Mailsi-Bahawal (S.M.B.) Link

minus 1,000 cusecs and escapages, if any; but unless the 'distributable supply', referred to above, equals or exceeds an average of 750 cusecs during a Water-accounting Period and the Link runs for at least seven consecutive days in that period with a supply exceeding 1,000 cusecs on each of those seven days, the 'distributable supply' for that period shall be taken as zero.

Any supplies let into the S.M.B. Link at head for the first 10 days from the date on which the waters flow beyond the Regulator at R.D. 218,380, where the Link crosses the Mitru Distributary of the Pakpattan Canal, shall not be taken into account.

- (b) For each Water-accounting Period, the 'gross amount', as at Ferozepore, corresponding to the 'distributable supply' as determined under (a) above, shall be worked out by multiplying the 'distributable supply' by the appropriate factor as given in Table E below :-

TABLE E

<u>Period</u> , to	<u>Factor</u>
April 1-10/August 21-31	1.18
September 1-10 to 21-30	1.00

- (c) The 'gross amount', as at Ferozepore, as determined under (b) above, will then be multiplied, by the corresponding factor, in Table F below to obtain the amount of further withdrawals by India, as at Ferozepore.

TABLE F

<u>Period</u>	<u>Factor</u>
April 1-10 to May 1-10	0.60
May 11-20	0.65
May 21-31 to September 21-30	0.70

- (d) The further withdrawals by India, as determined under (c) above, shall be limited (i) from April 1-10 to September 1-10, to the difference between the deliveries due to Pakistan under the provisions of Paragraph 25 and those calculated as due under Paragraphs 29(a) to 29(f) and (ii) for September 11-20 and 21-30, to the reduction in deliveries to Pakistan as calculated under the provision of Paragraph 29(g).

72. The further withdrawals by India, as determined under Paragraph 71, will be made only after these have become due.

73. After allowing for the withdrawals by India under the provisions of Paragraphs 21(b), 22, 23, 24, 71 and 72, the balance of the 'Sutlej Component at Ferozepore' and of the 'Beas Component at Ferozepore' shall be delivered at Ferozepore for use by the Pakistan Sutlej Valley Canals.

74. If, in any Water-accounting Period, the sum of (i), (ii), (iii) and (iv) below exceeds 35,000 cusecs during April 1-10 to August 21-31 or 30,000 cusecs during September 1-10 to 21-30, then there will be no carry-over from any such period to the next period.

- (i) The supply at Ferozepore Below plus the withdrawals by the Dipalpur Canal, if any.
- (ii) During April 1-10 to September 21-30, the appropriate 'gross amount', as at Ferozepore, determined in accordance with Paragraph 22(b).
- (iii) During September 11-20 and 21-30, the actual gains and losses from Ferozepore to Islam, losses being treated as negative gains; or, under the circumstances specified in Paragraph 62, the estimated gains agreed upon between the Commissioners.
- (iv) During April 1-10 to September 21-30, the appropriate 'gross amount', as at Ferozepore, determined in accordance with Paragraph 71(b).

75. If, in any Water-accounting Period from April 1-10 to June 21-30, the withdrawals computed as due to India from the 'Sutlej Component at Ferozepore' and from the 'Beas Component at Ferozepore' after allowing for the deliveries due to Pakistan at Ferozepore, exceed the supply available to India from the 'Sutlej Component at Ferozepore' and from the 'Beas Component at Ferozepore', then such excess shall be treated separately and accounted for as below :-

- (i) The excess may be carried over for adjustment to the succeeding Water-accounting Period and, where necessary, to the next succeeding Water-accounting Period, but shall be deemed to have lapsed if not adjusted by then.
- (ii) The cumulative excess carried over shall not exceed 2,000 cusecs from April 1-10 to May 21-31 and 3,000 cusecs during June 1-10 to 21-30.
- (iii) In no case shall the excess be carried over beyond June 21-30.

76. The provisions of Paragraphs 46(a), 46(d) and 46(e) shall not be applicable during khariif 1965.

6. The two Commissioners agreed to take appropriate action, in regard to paragraphs 3, 4 and 5 above, towards an exchange of letters between the two Governments under the provisions of Paragraph 67 of Annexure H.

Sd/-
(H.C. Kalra)
Commissioner for Indus Waters, Pakistan
Government of India.

Sd/-
(Khalil-ur-Rahman) T. P. K.
Pakistan Commissioner for Indus Water
Government of Pakistan.

New Delhi,
23rd April 1965.

JBG
7/7/66.

FORM NO. 2

Estimation of the Beas Component at Ferozepore

(April 1-10 to June 21-30 and September 11-20 to February 21-28/29)

[Paragraph 5(d)]

Water-accounting Period (Ferozepore Dates) _____ 19____.

Item	Particulars	Dates at site (with due allowance for time-lag)	Average value (cusecs)
1.a.	M.B. Link at head.		
1.b.	Escapage through silt-ejector at R.D. 72723 UBDC.		
1.	Aggregate of (1.a) and (1.b).		
2.a.	Chakki torrent at Chakki Bank.		
2.	Aggregate of (1) and (2.a).		
3.a.	Chakki torrent opposite Abadgarh (above its junction with Gulpur Chakki).		
3.b.	Gulpur Chakki at Ferry Site.		
3.	Aggregate of (3.a) and (3.b).		
4.a.	Ravi water transferred to The Beas through Chakki torrent and Gulpur Chakki = (1) or $\frac{(1) \times (3)}{(2)}$ whichever is smaller.		
4.b.	Escapage through silt ejector at R.D. 134100 U.B.D.C.		
4.	Total Ravi water transferred to The Beas = (4.a) + (4.b).		
5.	Beas at Mirthal (upstream of the junction with Chakki Torrent).		
6.	Aggregate of (3), (4.b), and (5).		

Item	Particulars	Dates at site: :(with due : allowance : for : time-lag)	Average : value : (cusecs)
7.	River supply at Mandi Plain.		
8.	Ravi Component at Mandi Plain = (4) or $\sqrt{(4) \times (7) \div (6)}$ 7 whichever is smaller.		
9.	M.B. Link run-out allowance = Item (7) of Form 9.		
10.	Beas Component at Mandi Plain = (7) - (8) - (9).		
11.	Withdrawals by Shahnehr Canal.		
12.	Excess, if any, of Shahnehr Canal over 940 cusecs.		
13.	Withdrawals from The Beas by new canals constructed after the Effective Date, each with a capacity of more than 10 cusecs.		
14.	Equivalent of (13) at Mandi Plain*		
15.	Abstraction (+) of flow waters by, or release (-) of stored waters from, reservoirs on The Beas.		
16.	Equivalent of (15) at Mandi Plain*		
17.	Corrected Beas Component at Mandi Plain = (10) + (12) + (14) + (16).		
18.	Inflow from Western Bein.		
19.	Aggregate of (17) and (18).		
20.	Beas Component at Ferozporc = (19) multiplied by the appropriate factor for the period given in Paragraph C of Appendix I to this Annexure.		

* As determined in accordance with
the provisions of Paragraph 45(d).

FORM NO. 3

Indian Canal Indents and Withdrawals at Harike and Ferozepore
(April 1-10 to June 21-30 and September 11-20 to March 11-20)

[Paragraph 46(b) and 46(bb)] 7

Water-accounting Period (Ferozepore Dates).....19.....

Item	Particulars	Average value (cusecs)
1.	Withdrawal by Makhu Canal at Harike.	
2.	Withdrawal by Ferozepore Feeder at Harike.	
3.	Withdrawal by Rajasthan Feeder at Harike.	
4.	Withdrawal by Bikaner Canal at Ferozepore.	
5.	Withdrawal by Eastern Canal at Ferozepore.	
6.	Net abstraction of flow waters by the Harike Pond.	
7.	Net release of stored waters from the Harike Pond.	
8.	Total withdrawals = (1) + (2) + (3) + (4) + (5) + (6) - (7)	
9.	Indent of Makhu Canal at Harike.	
10.	Indent of Ferozepore Feeder at Harike.	
11.	Indent of Rajasthan Feeder at Harike.	
12.	Indent of Bikaner Canal at Ferozepore.	
13.	Indent of Eastern Canal at Ferozepore.	
14.	Total Indents = (9)+(10)+(11)+(12)+(13).	
15.	(14)-(8), if negative take as zero.	

FORM NO. 4

Determination of the 'Gross Amount' as at Ferozepore
(March 1-10 to June 21-30 and September 11-20 and 21-30)
(Paragraphs 22 and 35)

Water-accounting Period* (Ferozepore Dates).....19.....

Item	Particulars	Average value (cusecs)
1.	Chenab at Merala Above $\sqrt{\text{average of daily values, in accordance with Paragraphs 22(a) or 35}_7}$.	
2.	Ravi Component at Balloki (for March 1-10 to 21-31 only) = Item (5) of Form 7.	
3.	Aggregate of (1) and (2).	
4.	Appropriate 'Floor Discharge' = Column(2) of Table B or Column (2) of Table C; as the case may be.	
5.	Appropriate 'Ceiling Discharge' = Column (3) of Table B or Column (3) of Table C, as the case may be.	
6.	Difference, Ceiling minus Floor = (5) - (4).	
7.	Appropriate 'Gross amount' as at Ferozepore corresponding to (5) = Column (4) of Table B or Column (4) of Table C, as the case may be.	
8.	Supplies available in excess of Floor Discharge = $\sqrt{(3)-(4)}$, limited to a maximum of (6) and <u>minimum of zero</u>	
9.	'Gross amount', as at Ferozepore, corresponding to (3) = $\frac{(8) \times (7)}{(6)}$	
10x	Items (10) to (13) to be worked out only if there has been a closure at Merala under the circumstances of Paragraph 22(b)(iii)	value
10.	Total amount, as at Ferozepore, for the closure days = Item (9) of Form 8	.....cusec- days
11.	Total amount, as at Ferozepore, for the remaining days = Item (9) multiplied by number of non-closure days	.....cusec- days

Item	Particulars	Average value (cusecs)
12.	Aggregate of (10) and (11).	.....cusecs days
13.	'Gross amount', as at Ferozepore, for the Water-accounting Period as a whole= (12) divided by number of days in the Period	.....cusecs

* In case of closure at Merala under the circumstances mentioned in Paragraph 22(b)(iii), Items (1) to (9) shall be worked out for the non-closure days only.

† Subject to the provisos (i) and (ii) of Paragraph 22(b).

JBG

Estimation of The Sutlej Component at Ferozepore
(April 1-10 to June 21-30 and September 11-20 and 21-30)

Paragraph 5(e)
Water-accounting Period (Ferozepore Dates).....19.....

Item	Particulars	Dates at site (with due allowance for time-lag)	Average value (cusecs)
1.	Withdrawal by Bhakra Main Line at Rupar.		
2.	Withdrawal by Sirhind Canal at Rupar.		
3.	Withdrawal by Bist Doab Canal at Rupar.		
4.	Aggregate of (1), (2) and (3).		
5.	Abstraction of flow waters by Bhakra Reservoir.		
6.	Abstraction of flow waters by the Nangal Pond.		
7.	Release of stored waters from Bhakra Reservoir.		
8.	Release of stored waters from the Nangal Pond.		
9.	Net abstraction of flow waters by Bhakra Reservoir and Nangal Pond = $\lfloor (5)+(6)-(7)-(8) \rfloor$, limited to a minimum of zero.		
10.	Net release of stored waters from Bhakra Reservoir and Nangal Pond = $\lfloor (7)+(8)-(5)-(6) \rfloor$, limited to a minimum of zero.		
11.	River supply at Rupar Below (actual).		
12.	Flow water, as at Rupar Above = $(11)+(4)+(9)-(10)$.		
13.	Withdrawal from flow water due to India under Paragraph 21(a) = (12), limited to 10,250 cusecs during April 1-10 to June 21-30 and 10,500 cusecs during September 11-20 and 21-30.		
14.	Sutlej at Rupar Below, if India's withdrawals from flow waters had been limited to $(13)=(12)-(13)$.		

Item	Particulars	Dates at site (with due allowance for time-lag)	Average value (cusecs)
	<p>Item (15) is to be worked out for :</p> <p>(i) Apr. 1-10 to June 21-30, only if (14) equals or exceeds 500 cusecs, and</p> <p>(ii) Sept. 11-20 and Sept. 21-30, irrespective of the value of (14) <u>7</u>.</p>		
15.	Sutlej Component at Ferozepore corresponding to (14) as determined from Paragraph B (ii) or Paragraph B(iii) of Appendix 1 to this Annexure.		
	<p>Items (16) to (26) are to be worked out only for Apr. 1-10 to June 21-30 and then also only if (14) is less than 500 cusecs <u>7</u></p>		
16.	Actual Sutlej flow at Usafpur (including inflow from Eastern Bein).		
17.	River supply at Mandi Plain (actual) plus inflow from Western Bein = Item (7) of Form 2 + Item (18) of Form 2.		
18.	Aggregate of (16) and (17).		
19.	Withdrawal by Makhu Canal at Harike.		
20.	Withdrawal by Ferozepore Feeder at Harike.		
21.	Withdrawal by Rajasthan Feeder at Harike.		
22.	Abstraction (+) from flow waters by, or release (-) of stored waters from, the Harike Pond.		
23.	Total withdrawal at Harike = (19)+(20)+(21)+(22).		
24.	River supply at Ferozepore Above (actual).		

Item	Particulars	:Dates at : :site (with : :due allow- : :ance for : :time-lag) :	Average value (cusecs)
25.	Sutlej Component at Ferozepore (actual, corrected for withdrawals at Harike) = $\frac{(16)}{(18)} \times$ $\frac{[(24) + 0.90(23)]}{}$.		
26.	Sutlej Component at Ferozepore for the purposes of Paragraph 21(b) = (25), if (11) is equal to or less than (14); and $(25) \times (14) \div (11)$, if (11) is more than 500 cusecs.		

Estimation of the River Gains and Losses from Ferozepore to Islam.
 (September 11-20 to November 1-10)
 (Paragraphs 23 and 34)

Water-accounting Period (Ferozepore Dates)19.....

Item	Particulars	Average value (cusecs)
1.	River at Ferozepore Below.	
2.	B. S. Link at tail.	
3.	Total withdrawals by canals at Sule- imanke.	
4.	Total withdrawals by canals at Islam.	
5.	River at Islam Below.	
6.	River gains from Ferozepore to Islam = $\surd(3) + (4) + (5) - (1) - (2)\surd$ if positive.	
7.	River losses from Ferozepore to Islam = $\surd(1) + (2) - (3) - (4) - (5)\surd$ if positive.	

Estimation of the Ravi Component at Balloki Above
(March 1-10 to 21-31)

(Paragraph 35)

Water-accounting Period (Ferozepore Dates).....19.....

Item :	Particulars	Average value (cusecs)
1.	Delivery at tail of M.R. Link.	
2.	Delivery into Ravi from B.R.B.D. escapes.	
3.	Delivery at tail of U.C.C.	
4.	Total river supply at Balloki Above.	
5.	Ravi component at Balloki = $(4)-(1)-(2)-(3)$ limited to a minimum of zero.	

FORM NO. 8

Determination of the 'Gross Amount' as at Ferozepore During Days of Closure at Merala

(April 1-10 to June 21-30 and September 11-20 and 21-30)

[Paragraph 22(b)(iii)]

Water-accounting Period (Ferozepore Dates).....19.....

Item	Particulars	Daily discharges (cusecs)
	Dates at Merala (Same as Ferozepore dates)	
1.	Jammu Tawi Discharge near Merala.	
2.	Chenab flow at Merala Above..	
3.	M.R.Link at head.	
4.	U.C.C. at head	
	Dates at Balloki (allowing 3 days time-lag from Merala to Balloki)	
5.	Supplies at Balloki Above.	
6.	Share of B.S. Link = 0.67 x (5).	
7.	Q = Item (6) --- 300 cusecs, limited to A*.	
8.	Daily 'gross amount' at Ferozepore = N x (7) where N = 1.08 during April 1-10 to June 21-30 and 1.00 during September 11-20 and 21-30.	
9.	∴ Sum of daily 'gross amounts' for the closure days = sum of daily figures for (8).	.....cusec-days

* A equals : 8,000 cusecs, April 1-10;
 11,000 cusecs, April 11-20;
 13,000 cusecs, April 21-30 and
 15,000 cusecs, May 1-10 to June 21-30 and
 Sept. 11-20 and 21-30.

M.B. Link Run-Out (Nikal) Allowance

(September 1 to October 15)

[Paragraph 45 (e)]

Water-accounting Period (Ferozepore Dates).....19.....

Item	Particulars	value
1.	Date* of the last day of operation of the M.B. Link.	
2.	M.B. Link at Head	
	(a) for the last day of operation	.....cusecs
	(b) for the day preceding (a)	.....cusecs
3.	Total of (2)(a) and (2)(b)	.....cusec-days
4.	U.B.D.C. escapages into The Beas	
	(a) for the last day of operation of the M.B. Link	.....cusecs
	(b) for the day preceding (a).	.....cusecs
5.	Total of (4)(a) and (4)(b)	.....cusec-days
6.	Run-out (nikal) = $\left[0.90 \times (3) \right]$ plus (5).	.....cusec-days
7.	Average run-out allowance on account of M.B. Link = (6) divided by 10	.....cusecs

* If the Link has run continuously since 30th August, then this date will be the date preceding that on which the Link closes for the first time after 31st August. If the Link has not been in continuous operation since 30th August, there shall be no run-out allowance.

FORM NO. 10

Estimation of the Chenab Component at Panjnad
(September 11-20 and 21-30)

Water-accounting Period (Ferozepore Dates) _____ 19__.

Dates at Ferozepore	Corresponding Dates at Panjnad*	Chenab at Shershan [£]	Sutlej at Adamwahan [£]	Total of (3) and (4)	Supply at Panjnad Above	Chenab Component at Panjnad = $\frac{(6) \times (3)}{(5)}$
(1)	(2)	(3)	(4)	(5)	(6)	(7)

* The Panjnad dates will be 3 days later than the Ferozepore dates.

£ Values in columns (3) and (4) will be for the same dates as at Panjnad in column (2).

Estimation of the River Gains and Losses from Trimmu to Panjnad

(September 11-20 and 21-30)

[Paragraph 29(g)]

Water-accounting Period (Ferozepore Dates) _____ 19____.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Dates at Trimmu	Corresponding dates at Panjnad*	River supply at Trimmu@	River supply at Sidhnai@	Escapages between Trimmu and Shershah**	Total of (3), (4) and (5)	Chenab component at Panjnad = Col. (7) of Form 10	Gains(+) or Losses(-) between Trimmu and Panjnad = (7) - (6)	With-drawals of Panjnad canals	Gains (+) in (8) or Losses (-) as limited to (9), in (8)

.....Daily values in cusecs.....

* Allowing a time-lag of three days from Trimmu to Panjnad, the Trimmu dates being the same as Ferozepore dates.

@ This will include the discharges passed through the Silt-ejectors on the Haveli Canals.

** Values in columns (4) and (5) will be for the dates as at Trimmu in column (1).

FORM NO. 12

Determination of the excess at Trimmu Above
(September 11-20 and 21-30)

Water-accounting Paragraph 29(g) 7
Period (Ferozepore Dates) _____ 19____.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Dates at Trimmu	Corresponding dates at Panjnad*	River supply at Trimmu Above [£]	Gains (+) or Losses (-) between Trimmu and Panjnad [©] = Col. (10) of Form 11	Total of (3) and (4)	Total withdrawals by the Panjnad and Haveli canals limited to 19,600 cusecs maximum	Excess of (5) over (6) if negative take as zero	66% of (7)	(8) limited to 7,000 cusecs

.....Daily values in cusecs.....

Total

Average

* Allowing a time-lag of three days from Trimmu to Panjnad, the Trimmu dates being the same as Ferozepore dates.

£ The supply at Trimmu Below plus the sum of the withdrawals by the Haveli Canals and the Trimmu-Sidhnai Link.

© The gains to be limited to the actual withdrawals at Panjnad.

RECORD OF THE EIGHTEENTH MEETING OF
THE PERMANENT INDUS COMMISSION HELD
AT KARACHI FROM 28TH MAY TO 3RD JUNE 1965.

PRESENT

PERMANENT INDUS COMMISSION

Shri H.C. Kalra,
Commissioner for Indus Waters,
Government of India.

Mian Khalil-ur-Rahman, T.Pk.,
Pakistan Commissioner for Indus Waters,
Government of Pakistan.

ADVISERS TO COMMISSIONERS

1. Dr. J.K. Malhotra,
Additional Commissioner
for Indus Waters,
Government of India.

1. Mr. Manzur Ahmad, T.Q.A.,
Engineering Adviser,
Government of Pakistan.

2. Shri B.K. Uppal,
Deputy Secretary,
Ministry of Irrigation
and Power,
Government of India.

2. Syed Habib-ur-Rahman,
Director,
Office of the Pakistan
Commissioner for Indus Waters.

3. Shri K.L. Ahuja,
Deputy Indus Commissioner,
Government of India.

3. Mian Ijaz Nabi,
Deputy Commissioner for Indus Waters,
Government of Pakistan.

4. Shri A.K. Sengupta,
Assistant Director,
Ministry of Irrigation and
Power,
Government of India.

4. Mr. Z.A. Khan Burki,
Executive Engineer,
Irrigation and Power Department,
Government of West Pakistan.

The Commission held its 18th meeting at Karachi from 28th May to 3rd June 1965. At this meeting, the Commission finalised its Annual Report for the year ended on 31st March 1965 and submitted it to the Government of India and the Government of Pakistan on 31st May 1965.

2. The Commission examined the drafts of the remaining Forms of Water-account for Phase II (Paragraph 41 of Annexure H) and finalised Forms 1(a), 1(b), 1(c), 1(d) and 13. Copies of these Forms are enclosed as Annexures I to V. It was decided to take up the finalisation of the remaining two Forms (14 and 15) at the next meeting of the Commission.

The Commission modified Form 2, which had been finalised at its 17th meeting, so as to make it applicable to the month of March also. A copy of the modified Form is enclosed as Annexure VI.

The Commission appreciated that the Forms prepared at its 17th and 18th meetings, under the provision of Paragraph 41 of Annexure H, would relate only to the stage of Phase II before the provisions of Paragraphs 30, 31 and 38 of Annexure H to the Indus Waters Treaty 1960 come into operation and that, at the appropriate time, these Forms would need to be modified or added to.

- 2 -

3. The Commission took up the preparation of appropriate Forms of Water account for Kharif 1965 and prepared one Form. It was decided to review this Form at the next meeting of the Commission, when the necessity for having further appropriate Forms will also be examined.

Sd/-
(H.C. Kalra)
Commissioner for Indus Waters,
Government of India.

Sd/-
(Khalil-un-Rahman) T.Pk.,
Pakistan Commissioner for Indus Waters,
Government of Pakistan.

Karachi,
3rd June 1965.

ANNEXURE I

FORM NO. 1(a)

Water-account as at Ferozepore for the Periods
April 1-10 to June 21-30

Water-accounting Period (Ferozepore Dates) _____ 19 _____

Item	Particulars	Average value (cusecs)
------	-------------	---------------------------

PART A

1. Sutlej Component at Ferozepore = Item (15) or (20) of Form 5, as the case may be.
2. Beas Component at Ferozepore = Item (20) of Form 2.
3. Withdrawal due to India as at Ferozepore, under Paragraph 21(b) = $\sqrt{(1) + 16\% \text{ of } (2)}$ limited to _____ * cusecs.

PART B

4. 'Gross amount', as at Ferozepore = Item (9) or (13) of Form 4, as the case may be.
5. Additional withdrawal due to India, as at Ferozepore, under Paragraph 22 = (4) x _____ @.
6. Withdrawals due to India, as at Ferozepore, under Paragraphs 21(b) and 22 = (3) + (5).

PART C

7. Aggregate of Sutlej and Beas Components at Ferozepore = (1) + (2).
8. Excess of (7) over (6) = (7) - (6). If negative, take as zero.
9. Aggregate of (4) and (8).
10. Further withdrawal due to India as at Ferozepore under Paragraph 24 = (9) - 35,000 cusecs. If negative, take as zero.
11. Delivery due to Pakistan at Ferozepore under Paragraph 25 = (8) - (10).

* 3,500 cusecs during April 1-10 to 21-30. 4,500 cusecs during May 1-10 to 21-31. 5,500 cusecs during June 1-10 to 21-30.

@ 0.60 for April 1-10 to May 1-10. 0.65 for May 11-20. 0.70 for May 21-31 to June 21-30.

Item	Particulars	Average value (cusecs)
------	-------------	---------------------------

PART D

12. Trimmu Above # (for April 1-10)
13. Delivery due to Pakistan at Ferozepore under Paragraph 29 = * _____ % of (11) minus @ _____ % of (4).
 [For April 1-10 only, if (12) is less than 8,500 cusecs, then (13) equals (11).]

PART E

14. Withdrawals due to India, as at Ferozepore, after allowing for (13) = (7) - (13):
15. Excess, if any, of (14) over (7) = (14) - (7), if negative, take as zero.
16. Excess similar to (15) brought forward:
- (a) From the preceding Period = 19(a) of the preceding Period multiplied by the number of days in the preceding Period divided by the number of days in the current Period.
- (b) From the next preceding Period = (19)(b) of the preceding Period multiplied by the number of days in the preceding Period divided by the number of days in the current Period.
- (c) Total = (a) + (b).

The supply at 'Trimmu Below' plus the sum of the withdrawals by the Haveli Canals and the Trimmu-Sidhrnai Link.

- | | |
|---------------------------------|---------------------------------|
| * 74 during April 1-10 to 21-30 | @ 21 during April 1-10 to 21-30 |
| 71 " May 1-10 to 21-31 | 24 " May 1-10 to 21-31 |
| 58 " June 1-10 to 21-30 | 36 " June 1-10 to 21-30 |

Item	Particulars	Average value (cusecs)
17.	Portion of (16) adjusted during the current Period :	
	(a) Total adjusted = 16 (c) limited to (13), if (13) is positive; zero if (13) is zero or negative.	
	(b) Adjustment of excess from next preceding Period = 16(b) limited to 17(a).	
	(c) Adjustment of excess from preceding Period = 16(a) limited to $\sqrt{17(a) - 17(b)}$.	
18.	Portion of 16(a) not adjusted during the current Period = 16(a) - 17(c).	
19.	Excess to be carried over to the next Period for adjustment under Paragraph 46(e) :	
	(a) From the current Period = (15) limited to	
	(b) From the preceding Period = (18) limited to $\sqrt{\dots}$ minus (19)a $\sqrt{\dots}$.	
20.	Delivery due to Pakistan at Ferozepore after adjustment under Paragraph 46(e) = (13) minus 17 (a). If negative, take as zero.	

* 2,000 cusecs from April 1-10 to May 21-31, 3,000 cusecs from June 1-10 to 11-20 and zero for June 21-30.

Item	Particulars	Average value (cusecs)
------	-------------	---------------------------

PART F

21. Brought forward from the preceding Period =
(27) of the preceding Period multiplied by the
number of days in the preceding Period divided
by the number of days in the current Period.
For April 1-10, take (21) as zero.

22. Adjusted delivery due to Pakistan at
Ferozepore = (20) - (21).

PART G

23. River supply at Ferozepore Below
(actual).

24. Delivery into Dipalpur Canal at
Ferozepore (actual).

25. Total actual delivery to Pakistan at
Ferozepore = (23) + (24).

26. Excess (+) or deficit (-) in deliveries
to Pakistan at Ferozepore = (25) - (22).

27. Excess (+) or deficit (-) to be carried
over to the succeeding Period under
Paragraph 46.

FORM NO. 1(b)

Water-account as at Ferozepore for the Periods
September 11-20 and 21-30.

Water-accounting Period (Ferozepore Dates) _____ 19_____.

Item	Particulars	Average value (cusecs)
------	-------------	---------------------------

PART A

1. Sutlej Component at Ferozepore = Item (15) or (26) of Form 5, as the case may be.
2. Beas Component at Ferozepore = Item (20) of Form 2.
3. Withdrawal due to India as at Ferozepore, under Paragraph 21(b) = $\angle (1) + 16\% \text{ of } (2) \angle$ limited to 5,500 cusecs.

Part B

4. 'Gross amount', as at Ferozepore = Item (9) or (13) of Form 4, as the case may be.
5. Additional withdrawal due to India, as at Ferozepore, under Paragraph 22 = $(4) \times 0.70$.
6. Withdrawals due to India, as at Ferozepore, under Paragraphs 21(b) and 22 = $(3) + (5)$.

PART C

7. River gains from Ferozepore to Islam = Item (6) of Form 6.
8. Deductions under Paragraph 23 (3,400 cusecs for Sept. 11-20; 2,900 cusecs for Sept. 21-30).
9. Adjusted withdrawal due to India, as at Ferozepore, under Paragraph 23 = $(6) + (7) - (8)$.

PART D

10. Aggregate of Sutlej and Beas Components at Ferozepore = $(1) + (2)$.
11. Excess of (10) over (9) = $(10) - (9)$. If negative take as zero.
12. Aggregate of (4) and (11).
13. Further withdrawal due to India as at Ferozepore under Paragraph 24 = $(12) - 30,000$ cusecs. If negative, take as zero.
14. Delivery due to Pakistan at Ferozepore under Paragraph 25 = $(11) - (13)$.

Item	Particulars	Average value (cusecs)
------	-------------	---------------------------

PART E

15. Additional withdrawals due to India at Ferozepore under Paragraph 27.
16. Deliveries due to Pakistan at Ferozepore under Paragraphs 25 and 27 = (14) - (15).

PART F

17. 'Average' as in Column (9) of Form 12.
18. Aggregate of the delivery due to Pakistan at Ferozepore under Paragraph 25 and the 'gross amount' determined in accordance with Paragraph 22(b) = (4) + (14).
19. One-third of (18).
20. Reduction in delivery to Pakistan at Ferozepore under Paragraph 29(g) = (17) limited to (19).
21. Delivery due to Pakistan at Ferozepore under Paragraphs 25, 27 and 29(g) = (16) - (20).

PART G

22. Brought forward from the preceding Period = For Sept. 11-20, this will be zero; for Sept. 21-30, this will be Item (28) of Form 1(b) for Sept. 11-20.
23. Adjusted delivery due to Pakistan at Ferozepore = (21) - (22).

PART H

24. River supply at Ferozepore Below (actual).
25. Delivery into Dipalpur Canal at Ferozepore (actual).
26. Total actual delivery to Pakistan at Ferozepore = (24) + (25).
27. Excess (+) or deficit (-) in deliveries to Pakistan at Ferozepore = (26) - (23).
28. Excess (+) or deficit (-) to be carried over to the succeeding Period under Paragraph 4.

FORM NO. 1(c)

Water -account as at Ferozepore for the Periods
October 1-10 to February 21-28/29

Water-accounting Period (Ferozepore Dates) _____ 19_____

Items	Particulars	Average value (cusecs)
1.	Beas Component at Ferozepore = Item (2) of Form 2.	
2.	* _____ percent of Beas component = * _____ x(1)/100 (Items 3 and 4 are to be worked out for October 1-10 to November 1-10 only)	
3.	Additional fixed supply to be delivered to Pakistan under Paragraph 34.	
4.	River gains from Ferozepore to Islam = Item (6) of Form 6, or gains estimated in accordance with Paragraph 62.	
5.	Supply to be delivered to Pakistan under Paragraph 34 = (2) + (3) = (4).	
6.	Aggregate of (4) and (5).	
7.	Excess of (6) over 25,000 cusecs during October 1-10 or 11-15, or 10,000 cusecs during October 16-20 to February 21-28/29.	
8.	Delivery due to Pakistan under Paragraphs 34 and 36 = (5) - (7).	
9.	Brought over from the preceding Period = (15) ** of the preceding Period multiplied by the number of days in the preceding Period divided by the number of days in the current Period.	
10.	Total delivery due to Pakistan = (8) - (9).	
11.	River supply at Ferozepore Below (actual).	
12.	Delivery into Dipalpur Canal at Ferozepore (actual).	
13.	Total actual delivery to Pakistan = (11) + (12).	
14.	Excess (+) or deficit (-) in deliveries to Pakistan = (13) - (10).	
15.	Excess (+) or deficit (-) to be carried over to the succeeding Period under Paragraph 46.	

* 84 during October 1-10 and 11-15 and 79 during
October 16-20 to February 21-28/29.

** For October 1-10, this will be Item (28) of Form 1(2)
for September 21-30.

FORM NO. 1(d)

Water-account as at Ferozepore for the Periods
March 1-10 to March 21-31

Water-accounting Period (Ferozepore Dates) _____ 19____.

Items	Particulars	Average value (cusecs)
1.	Base Component at Ferozepore = Item (20) of Form 2.	
2.	Delivery to be made to Pakistan at Ferozepore under Paragraph 34(e) = 79 per cent of (1).	
3.	River supply at Trimmu Above*.	
4.	River supply at Trimmu Below.	
5.	River supply at Panjnad Below (with 5 days time-lag from Trimmu, the Trimmu dates being the same as Ferozepore dates).	
6.	Supply required at Trimmu to meet the actual withdrawals of Panjnad Canals = (4) - (5), limited to a minimum of zero.	
7.	Actual withdrawals of Haveli Canals at Head.	
8.	Supply required at Trimmu to meet the needs of Haveli and Panjnad Canals = (6) + (7).	
9.	Lesser of (8) and 10,000 cusecs. * Take (10) and (11) as zero if (3) does not exceed (9).	
10.	'Gross amount', as at Ferozepore = Item (9) of Form 4.	
11.	Reduction to be made in (2), in accordance with Paragraph 35 = 60 per cent of (10).	
12.	Delivery due to Pakistan under Paragraphs 34(e) and 35 = (2) - (11).	
13.	Aggregate of (11) and (12).	
14.	Excess of (13) over 10,000 cusecs.	

* The supply at 'Trimmu Below' plus the sum of the withdrawals by the Haveli Canals and the Trimmu-Sidhrnai Link.

Item :	Particulars	Average value (cusecs)
15.	Delivery due to Pakistan under Paragraphs 34(e), 35 and 36 = (12) - (14).	
16.	Reduction in delivery to Pakistan under Paragraph 37 = Average as in Column (8) of Form 13.	
17.	Delivery due to Pakistan under Paragraphs 34(e), 35, 36 and 37 = (15) - (16).	
18.	Brought over from the preceding Period = Item 22* of the preceding Period multiplied by the number of days in the preceding Period divided by the number of days in the current Period.	
19.	Total delivery due to Pakistan = (17) - (18).	
20.	Actual delivery (i.e. River supply at Ferozepore Below).	
21.	Excess (+) or deficit (-) in deliveries to Pakistan = (20) - (19).	
22.	Excess (+) or deficit (-) to be carried over to the succeeding Period under Paragraph 46. / There shall be no carry-over from March 21-31 to the succeeding April 1-10. /	

* For March 1-10, this will be Item (15) of Form 1(c) for February 21-28/29.

Estimation of the Beas Component at Ferozepore
(April 1-10 to June 21-30 and September 11-20 to March 21-31)

[Paragraph 5(d)]

Water-accounting Period (Ferozepore Dates) _____ 19_____

Item	Particulars	Dates at site (with due allowance for time-lag):	Average value (cusecs)
1.a.	M.B. Link at head.		
1.b.	Escapage through silt ejector at R.D. 72723 UEDC.		
1.	Aggregate of (1.a) and (1.b).		
2.a.	Chakki torrent at Chakki Bank.		
2.	Aggregate of (1) and (2.a).		
3.a.	Chakki torrent opposite Abadgah (above its junction with Qulpur Chakki).		
3.b.	Qulpur Chakki at Ferry Site.		
3.	Aggregate of (3.a) and (3.b).		
4.a.	Ravi water transferred to The Beas through Chakki torrent and Qulpur Chakki = $\frac{(1) \times (3)}{(2)}$		
4.b.	Escapage through silt ejector at R.D. 134100 U.B.D.C.		
4.	Total Ravi water transferred to The Beas = (4.a) + (4.b).		
5.	Beas at Mirthal (upstream of the junction with Chakki Torrent).		
6.	Aggregate of (3), (4.b) and (5).		
7.	River supply at Mandi Flain.		
8.	Ravi Component at Mandi Flain = (4) or $\frac{(4) \times (7)}{(6)}$ whichever is smaller.		
9.	M.B. Link run-out allowance = Item (7) of Form 9.		
10.	Beas Component at Mandi Flain = (7) - (8) - (9).		

*This Form will be filled in on a daily basis, for March 1-10 to 21-31, if required for the purpose of Form 13.

Item	Particulars	Dates at site (with due allowance for time-lag)	Average value (cusecs)
11.	Withdrawals by Shahnehr Canal.		
12.	Excess, if any, of Shahnehr Canal over 940 cusecs.		
13.	Withdrawals from The Beas by new canals constructed after the Effective Date, each with a capacity of more than 10 cusecs.		
14.	Equivalent of (12) at Mandi Flain*.		
15.	Abstraction (+) of flow waters by, or release (-) of stored waters from, reservoirs on The Beas,		
16.	Equivalent of (15) at Mandi Flain*.		
17.	Corrected Beas Component at Mandi Flain = (10) + (12) + (14) + (16).		
18.	Inflow from Western Beas.		
19.	Aggregate of (17) and (18).		
20.	Beas Component at Ferozepore = (19) multiplied by the appropriate factor for the period given in Paragraph C of Appendix I to this Annexure.		

* As determined in accordance with the provisions of Paragraph 45(d).

RECORD OF THE NINETEENTH MEETING OF
THE PERMANENT INDUS COMMISSION HELD
AT DELHI FROM 11TH TO 17TH MARCH 1966

PRESENT

PERMANENT INDUS COMMISSION

Shri H.C. Kalra,
Commissioner for
Indus Waters,
Government of India.

Mian Khalil-ur-Rahman, T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

ADVISERS TO COMMISSIONERS

1. Shri P.R. Ahuja,
Chief Engineer &
Joint Secretary
(Ganga Basin),
Ministry of
Irrigation and Power,
Government of India.

1. Mr. Manzur Ahmad, T.O.A.,
Engineering Adviser,
Government of Pakistan.

2. Dr. J.K. Malhotra,
Additional Commissioner
for Indus Waters,
Government of India.

2. Syed Habib-ur-Rahman,
Director,
Office of the Pakistan
Commissioner for Indus Waters.

3. Shri B.K. Uppal,
Deputy Secretary,
Ministry of
Irrigation and Power,
Government of India.

4. Shri K.L. Ahuja,
Deputy Indus Commissioner,
Government of India.

The Commission held its 19th meeting at New Delhi from 11th to 17th March 1966. At this meeting, the Commission finalised the remaining two Forms of Water-account for Phase II (Paragraph 41 of Annexure H), viz, Forms 14 and 15. Copies of these Forms are attached as Annexures I and II.

2. The Commission reviewed the Additional Form for kharif 1965 prepared at the 18th meeting of the Commission and finalised it. A copy of this Form is attached as Annexure III. It was agreed that no other additional Form was needed for preparing the water-accounts for kharif 1965.

3. The Commission discussed the programme for its next meeting and the first two parts of the Second General Tour of Inspection. It was tentatively agreed to hold the next meeting in the first fortnight of May 1966, in Pakistan, and to undertake the tours in May and June 1966. It was further agreed that the first part of the General Tour would be arranged by Pakistan and the second part by India. The details of these tours will be finalised at the next meeting of the Commission.

4. The two Commissioners discussed the following items :-

(i) Exchange of Data (Article VI(1)).

The data with respect to the flow in, and utilisation of the waters of, the Rivers to be exchanged under the provisions of Article VI(1) of the Treaty could not be transmitted by each Party to the other, during the period from early September 1965 to about the middle of February 1966, because of the disruption of communications between India and Pakistan. At this meeting, the Pakistan Commissioner handed over the data listed in Annexure IV and the Indian Commissioner handed over the data listed in Annexure V.

(ii) Water-account for May 11-20, 1965.

The Pakistan Commissioner stated that, in his opinion, the excess to be carried forward from the Water-accounting Period May 11-20, 1965, should have been taken as 2,000 cusecs instead of 2,320 cusecs intimated by India. He considered that the 320 cusecs actually delivered to Pakistan in this period, being an excess in deliveries to Pakistan which did not arise out of any inherent difficulties in determining these deliveries, should not have been carried forward.

The Indian Commissioner outlined the considerations which had guided India in determining the deliveries due to Pakistan during this period and expressed the opinion that the excess of 320 cusecs had, in fact, arisen out of inherent difficulties in determining the deliveries.

The Indian Commissioner, however, agreed without prejudice to the views held by him, to carry over 2,000 cusecs instead of 2,320 cusecs.

(iii) Deliveries to Pakistan from the Eastern Rivers during the period September 1965 onwards.

The two Commissioners exchanged views on the above item. They agreed to discuss it again at the next meeting after considering the matter further and studying the gauge and discharge data exchanged during the current meeting.

(iv) Measures for the recovery, and restoration to owners, of timber and other property (Article IV(1)).

(a) The two Commissioners discussed in detail the alternatives regarding the limitation of the sale proceeds of the auctioned timber, mentioned in paragraph 4(xi)(d) of the Record of

the Tenth Meeting of the Commission. They agreed to further consider the views expressed by either Commissioner and discuss the matter again at their next meeting.

(b) It was agreed that the amount of the registration fee for the marks registered with effect from 1st January 1964 would be deducted from the amount due to the timber owners for the timber recovered during 1963-64 and already auctioned. It was further agreed that, in future, the registration fee would be paid at the time of the registration of the marks. This amount would be deducted from any remittance due to the timber owners but if no such remittance was due, it would be paid separately.

(c) In connection with the ad hoc arrangements for the disposal of timber recovered in Pakistan during the year ended on 31st March 1964, the Pakistan Commissioner suggested that the net amount due to the owners could be utilised for the import of rock salt and fresh fruits from Pakistan. The Indian Commissioner stated that India would be interested in the import of gypsum, Urea ("prilled or shotted" or crystalline, preferably the former), raw jute and rice (joshi or Kangani raw). The two Commissioners agreed to consult the appropriate Departments of their Governments in this matter and discuss it further at their next meeting.

(d) The Indian Commissioner requested that the amount of Rs. 21035-18 paise, which had already been intimated by the Pakistan Commissioner as payable to the owners of timber, be remitted as early as possible. The Pakistan Commissioner agreed to remit this amount as expeditiously as possible. The Indian Commissioner stated that the amount could be remitted through the National and Grindlays Bank Ltd. which was handling such transactions between India and Pakistan. The Pakistan Commissioner agreed to examine this possibility.

With regard to the amount relating to the timber recovered during 1963-64, the Pakistan Commissioner stated that it would be deposited in a special account in Pakistan in the name of the Commissioner for Indus Waters, Government of India. The procedure to use this amount for import of goods from Pakistan into India would be examined by the two Commissioners with the concerned Departments in their respective countries. This matter will be discussed by the two Commissioners at their next meeting.

(v) Commencement of Phase II.

The two Commissioners discussed the date of commencement of Phase II of the Transition Period. The Pakistan Commissioner stated that he had already written to the Indian Commissioner that Phase II would begin from 1st March 1966. However, in

FORM NO. 1A

Determination of carry-over under proviso (aa) to Paragraph 4
(September 11-20 to March 21-31)

Water-accounting Period (Ferozepore Dates) _____ 19____.

Items	Particulars	Average value (cusecs)
-------	-------------	---------------------------

1. Total actual delivery to Pakistan.*
2. During March 1-10 to 21-31, and September 11-20 and 21-30, the 'gross amount', as at Ferozepore, under Paragraph 22(b) or 35 = Item (9) or (13) of Form 4, as the case may be.
3. During March 1-10 to 21-31, the reduction in deliveries at Ferozepore under Paragraph 37 = Average as in column (8) of Form 13.
4. During September 11-20 and 21-30, the amount determined for delivery at Ferozepore under Paragraph 25 minus the corresponding amount under Paragraph 29(g) = Item (14) minus Item (21) of Form 1(b).
5. During September 11-20 to November 1-10
 - (a) the actual gains from Ferozepore to Islam = Item (6) of Form 6, or
 - (b) the actual losses from Ferozepore to Islam = Item (7) of Form 6.
6. $\sqrt{(1)+(2)+(3)+(4)}$ + 5(a) or - 5(b), as the case may be.
7. Excess (+) or deficit (-) in deliveries to Pakistan at Ferozepore = For September 11-20 and 21-30, Item 27 of Form 1(b); for October 1-10 to February 21-28/29, Item 14 of Form 1(c); for March 1-10 to 21-31, Item 21 of Form 1(d).
8. Excess (+) or deficit (-) to be carried over under proviso (aa) to Paragraph 4 = Zero if (6) exceeds 30,000 cusecs during September 11-20 and 21-30, 25,000 cusecs during October 1-10 and 11-15 or 10,000 cusecs during October 16-20 to March 21-31; otherwise, (8) equals (7).

*Item (26) of Form 1(b) for September 11-20 and 21-30, Item (13) of Form 1(c) for October 1-10 to February 21-28/29 or Item (20) of Form 1(d) for March 1-10 to 21-31.

ANNEXURE II

FORM NO. 15*

Determination of carry-over under proviso (bb) to Paragraph 46
(September 11-20 to November 1-10)

Water-accounting Period (Ferozepore Dates) _____ 19_____.

<u>Item</u>	<u>Particulars</u>	<u>Average value (cusecs)</u>
1.	Excess in deliveries to Pakistan at Ferozepore = For September 11-20 and 21-30, Item (27) of Form 1(b); for October 1-10 to November 1-10, Item (14) of Form 1(c). If negative, take as zero.	
2.	Excess of total indents of Indian Canals at Harike and Ferozepore over the corresponding withdrawals = Item (15) of Form 3.	
3.	(1) - (2).	
4.	50% of (3).	
5.	The storage capacity, in cusec-days, of the pond at Harike at R.L. 690.0.	
6.	The actual volume of water, in cusec-days, in the pond at Harike on the last day of the preceding Period.	
7.	(5) - (6).	
8.	Number of days in the current Water-accounting Period.	
9.	(7) divided by (8).	
10.	(4) limited to (9).	
11.	(2) + (10).	
12.	Excess to be carried over under proviso (bb) to Paragraph 46 = (1) limited to (11).	

*This Form shall be filled in only when Item (27) of Form
1(b) or Item (14) of Form 1(c), as the case may be, is positive
and Item (15) of Form 3 is not zero and the former exceeds
the latter.

Additional Form for Kharif 1965

Water-account as at Ferozepore for the Periods
April 1-10 to September 21-30.

Water-accounting Period (Ferozepore Dates) _____ 19_____

Item :	Particulars	Average value (cusecs)
PART A		
1.	'Distributable supply' under Paragraph 71(a).	
2.	'Gross amount', as at Ferozepore, under Paragraph 71(b) = (1) x _____*	
3.	_____ ** % of (2).	
4.	Delivery due to Pakistan at Ferozepore under Paragraph 25 = Item (14) of Form 1(a).	
5.	Delivery due to Pakistan at Ferozepore under Paragraph 29 = Item (13) of Form 1(a) for Phase II, or _____ cusecs @, or Item (21) of Form 1(b) for Phase II, as the case may be.	
6.	Difference between (4) and (5) = (4) - (5).	
7.	Further withdrawal due to India, as at Ferozepore = (3) limited to (6).	
8.	Withdrawals due to India, as at Ferozepore, under Paragraphs 21(b), 22, 23 and 24 = Item (17) of Form 1(a).	
9.	Total withdrawals due to India, as at Ferozepore, under Paragraphs 21(b), 22, 23, 24, 71 and 72 = (7) + (8).	
10.	Aggregate of Sutlej and Beas Components at Ferozepore = Item (10) of Form 1(a).	
11.	Delivery due to Pakistan at Ferozepore, under Paragraph 73 = (10) - (9).	
PART B		
12.	Additional withdrawals due to India at Ferozepore under Paragraph 27.	
13.	Delivery due to Pakistan at Ferozepore under Paragraphs 27 and 73 = (11) - (12).	
T	The Forms referred to in this Form are the Forms of Phase I unless otherwise specified.	
*	1.18 for April 1-10 to August 21-31 and 1.00 for September 1-10 to 21-30	
**	0.60 for April 1-10 to May 1-10, 0.65 for May 11-20 and 0.70 for May 21-31 to September 21-30.	
@	3,000 cusecs during July 1-10; 4,000 cusecs from July 11-20 to August 21-31 and 3,000 cusecs during September 1-10.	

Item :	Particulars	Average value (cusecs)
<u>PART C</u>		
<u>To be worked out for April 1-10 to June 21-30</u>		
14.	Excess of withdrawals due to India, as at Ferrespore, over available supply = (9)-(10). If negative, take as zero.	
15.	Excess similar to (14) brought forward :	
	(a) From the preceding Period = 18(a) of the preceding Period multiplied by the number of days in the preceding Period divided by the number of days in the current Period.	
	(b) From the next preceding Period = (b) of the preceding Period multiplied by the number of days in the preceding Period divided by the number of days in the current Period.	
	(c) Total of (a) and (b).	
16.	Portion of (15) adjusted during the current Period:	
	(a) Total adjusted = 15(c) limited to (13), if (13) is positive; zero if (13) is negative.	
	(b) Adjustment of excess from the next preceding Period = 15(c) limited to 16(a).	
	(c) Adjustment of excess from the preceding Period = 15(a) limited to $\frac{16(a)-16(b)}{7}$.	
17.	Portion of 15(a) not adjusted during the current Period = 15(a) - 16(c).	
18.	Excess to be carried over to the next Water-accounting Period for adjustment under Paragraph 75 :	
	(a) From the current Period = (14) limited to _____*	
	(b) From the preceding Period = (17) limited to $\frac{\text{_____}}{7}$ * minus 18(a) $\frac{\text{_____}}{7}$.	

* 2,000 cusecs from April 1-10 to May 21-31; 3,000 cusecs from June 1-10 to 11-20 and zero for June 21-30.

Item	Particulars	Average value (cusecs)
19.	Delivery due to Pakistan at Ferozepore after adjustment under Paragraph 75 = (13) - 16(a). If negative, take as zero.	
<u>PART D</u>		
20.	Brought forward from the preceding Period = (26) of the preceding Period multiplied by the number of days in the preceding Period divided by the number of days in the current Period. (For April 1-10, take (20) as zero)	
21.	Adjusted delivery due to Pakistan at Ferozepore \surd (13) - (20) \surd or \surd (19) - (20) \surd , as the case may be.	
<u>PART E</u>		
22.	River supply at Ferozepore Below (actual).	
23.	Delivery into Dipalpur Canal at Ferozepore (actual).	
24.	Total actual delivery to Pakistan at Ferozepore = (22) + (23).	
25.	Excess (+) or deficit (-) in deliveries to Pakistan at Ferozepore = (24) - (21).	
26.	Excess (+) or deficit (-) to be carried over to the succeeding Period under Paragraph 46.	

ANNEXURE IV

LIST OF DATA HANDED OVER BY THE PAKISTAN
COMMISSIONER FOR INDUS WATERS
AT THE NINETEENTH MEETING OF THE
PERMANENT INDUS COMMISSION

1. Monthly data for the following months :-	
a) June 1965	48 sheets
b) July 1965	48 sheets
c) August 1965	48 sheets
d) September 1965	49 sheets
e) October 1965	48 sheets
f) November 1965	47 sheets
2. Daily data statements for the period 6.9.1965 to 15.2.1966	42 sheets in duplicate

ANNEXURE V.

LIST OF DATA HANDED OVER BY THE COMMISSIONER
FOR INDUS WATERS, GOVERNMENT OF INDIA,
AT THE NINETEENTH MEETING OF THE
PERMANENT INDUS COMMISSION

1. Monthly data for the following months:-

a) June 1965	.....	64 sheets.
b) July 1965	.....	64 sheets.
c) August 1965	.....	62 sheets.
d) September 1965	.....	64 sheets.
e) October 1965	.....	66 sheets.
f) November 1965	.....	61 sheets.

2. Daily data statements for the period
4.9.1965 to 11.2.1966 as under :-

a) Indents of Indian Canals at Harike and Ferozepore for September, October and November, 1965.	3 sheets.
b) Daily data of Sutlej at Bhakra from 4.9.1965 to 30.11.1965.	1 sheet.
c) Daily data for the period 1.12.1965 to 11.2.1966.	5 sheets.
d) Daily data of Central Bari Dead Channels from 21.9.1965 to 11.2.1966.	7 sheets.
e) An explanatory note for the daily data from 4.9.1965 to 30.11.1965.	1 sheet.

From.

The Permanent Indus Commission.

To

1. The Government of India,
Ministry of Irrigation and Power,
New Delhi.
2. The Government of Pakistan,
Ministry of Industries and
Natural Resources,
Islamabad.

Subject: Annual Report for the year ended on
31st March 1967

Sir,

The Commission has the honour to invite attention to Article VIII(8) of the Indus Waters Treaty 1960 and to submit herewith its Annual Report for the year ended on 31st March 1967.

The Commission wishes to express its appreciation of the assistance received, in the discharge of its functions, from the officers associated with its work.

Yours faithfully,

Sd/-
(P.R. Ahuja)
Commissioner for Indus Waters,
Government of India.

Sd/-
(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for Indus
Waters,
Government of Pakistan.

Lahore,
13th April 1967.

PERMANENT INDUS COMMISSION

ANNUAL REPORT

FOR

THE YEAR ENDED ON 31ST MARCH 1967

CONTENTS

1. Introductory
2. Meetings of the Commission
3. General Tours of Inspection
4. Special Tours of Inspection
5. Questions, Differences and Disputes under Article IX
6. General

ANNEXURE

Particulars of items discussed at the meetings of the Commission held during the year

APPENDICES

- A.1 Record of the Twentieth Meeting of the Commission
- A.2 Record of the Twentyfirst Meeting of the Commission
- A.3 Record of the Twentysecond Meeting of the Commission
- A.4 Record of the Twentythird Meeting of the Commission
- B.1 Record of the 26th Tour (Special Tour of Inspection)
- B.2 Record of the 27th Tour (Special Tour of Inspection)
- C Report of the Commission on Disputes concerning Article IX(1) of the Treaty

ANNUAL REPORT FOR THE YEAR
ON 31ST MARCH 1967

1. INTRODUCTORY

1.1 This is the Seventh Annual Report of the Permanent Indus Commission constituted in accordance with Article VIII(3) of THE INDUS WATERS TREATY 1960 and relates to the work of the Commission for the year ended on 31st March 1967.

1.2 During the year under report, the posts of the Commissioner for Indus Waters, Government of India, and the Commissioner for Indus Waters, Government of Pakistan, were held as follows:-

Commissioner for Indus Waters, Government of India

Shri P.R. Ahuja	From 1.4.66 to 28.6.66 2.8.66 to 31.3.67
Shri H.C. Kalra	From 29.6.66 to 1.8.66

Commissioner for Indus Waters, Government of Pakistan

Mian Khalil-ur-Rahman, T.Pk.	From 1.4.66 to 31.3.67
------------------------------	------------------------

2. MEETINGS OF THE COMMISSION

2.1 During the year the Commission held four meetings, serially numbered as Twentieth, Twentyfirst, Twentysecond and Twentythird, in continuation of the nineteen meetings held during the previous years. These meetings were held alternately in Pakistan and India, at the places and on the dates given below:-

<u>Meeting</u>	<u>Venue</u>	<u>Dates</u>
Twentieth	Karachi	May 13 - 18, 1966
Twentyfirst	New Delhi	September 28 - October 4, 1966
Twentysecond	Islamabad	January 17 - 24, 1967
Twentythird	New Delhi	March 25 - 31, 1967

2.2 At these meetings, 12 items in all were discussed of which one item (Second General Tour of Inspection) is of a continuing nature. Of the remaining 11 items, 5 were disposed of during the year and one item was replaced by another, thus leaving 5 items still to be disposed of. The particulars regarding each item discussed at these meetings, including the position as on 31st March 1967, are given in the Annexure to this report.

2.3 The decisions on all the 5 items (serial Nos 1,3,8,9 and 11) disposed of during the year were taken by the Commission. The one item (serial No.4), which was replaced by another item (serial No.5), was discussed by the two Commissioners.

2.4 The question as to whether the discussions on the items at serial No.12 related to the Commission, or to the two Commissioners (as distinct from the Commission), or to both the Commission and the two Commissioners (as distinct from the Commission) remained under examination. The remaining four items (Serial Nos. 5,6,7 and 10), however, related to the Commission.

2.5 Copies of the Records of the Twentieth, Twentyfirst, Twentysecond and Twentythird Meetings are enclosed as Appendices A.1, A.2, A.3 and A.4 respectively.

3. GENERAL TOURS OF INSPECTION

3.1 According to Article VIII(4)(c) of the Treaty, the Commission is required 'to undertake, once in every five years, a general tour of inspection of the Rivers for ascertaining the facts connected with various developments and works on the Rivers'. The second General Tour, to be undertaken during the 5-year period ending on 31st March 1970, has not been commenced so far.

4. SPECIAL TOURS OF INSPECTION

4.1 Under the provisions of Article VIII(4)(d) of the Treaty, the Commission is required 'to undertake promptly, at the request of either Commissioner, a tour of inspection of such works or sites on the Rivers as may be considered necessary by him for ascertaining the facts connected with those works or sites'.

In the Annual Reports of the Commission, such a tour has been referred to as a 'special tour of inspection' to distinguish it from the 'general tour of inspection' mentioned in Article VIII(4)(c) of the Treaty.

4.2 During the year under report, the Commission undertook two special tours of inspection bringing the total number of special tours undertaken so far to fifteen. Copies of the Records of these tours (serially numbered as the 26th and the 27th tours of inspection) are enclosed as Appendices B.1 and B.2.

5. QUESTIONS, DIFFERENCES AND DISPUTES UNDER ARTICLE IX

5.1 Under the provisions of Article VIII(4)(b) of the Treaty the Commission is required to make every effort to settle promptly, in accordance with the provisions of Article IX(1), any question which arises between the Parties concerning the interpretation or application of the Treaty or the existence of any fact which, if established, might constitute a breach of the Treaty.

5.2 During the year under report certain questions concerning the following items were referred to the Commission for examination under Article IX(1) of the Treaty:-

- (i) Deliveries to Pakistan from the Eastern Rivers during the period September 1965 onwards.
- (ii) Supply of data requested by the Pakistan Commissioner in his letter No. WT(38/2)/(307-A)/PCFI, dated the 8th June 1963, regarding certain schemes in India.
- (iii) Construction of Sabuana, Kaurianwali and Sureshwala drains.

The questions concerning items (i) and (ii) above are still under examination while the questions concerning item (iii) above are yet to be considered. During the examination of the questions concerning item (i) above, five points had arisen on which no agreement could be reached. It was decided in the Twentysecond Meeting of the Commission to treat these five points as "questions" under Article IX(1) of the Treaty, which the Commission had endeavoured but failed to resolve by agreement. Since none of these five 'questions' fell within the provisions of Part I of Annexure F to the Treaty, the Commission decided that these questions be treated as "disputes" to be settled in accordance with the provisions of Articles IX(3), IX(4) and IX(5) of the Treaty. On 31st March 1967 the Commission submitted a report on these disputes to the Government of India and the Government of Pakistan, in accordance with the provisions of Article IX(3) of the Treaty, a copy of which is enclosed as Appendix C.

6. GENERAL

The Commission is happy to record that, during the year under report, its work was marked by a spirit of good-will, understanding and co-operation.

Sd/-
(P.R. Ahuja)
Commissioner for Indus Waters,
Government of India.

Sd/-
(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for Indus
Waters,
Government of Pakistan.

Lahore,
13th April 1967.

FORM No. 13

Determination of the reduction in delivery to Pakistan
(Paragraph 37)

(March 1-10 to 21-31)

Water-accounting Period (Ferozepore Dates) _____ 19____.

Dates at Ferozepore	Corresponding dates at Trimmu*	Daily value of river supply at ** Trimmu Above	Excess of (3) over 10,000 cusecs = (3) - 10,000. If negative, take as zero	60% of (4)	Beas Component at Ferozepore = Item (20) of Form 2 worked out on a daily basis	12% of (6)	Reduction in delivery to Pakistan under Paragraph 37 = (5) limited to (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Daily values in cusecs							

Total _____
Average _____

* The dates at Trimmu will be two days earlier than the dates at Ferozepore.
** The supply at 'Trimmu below' plus the sum of the withdrawals by the Haveli Canals and the Trimmu-Sidnai Link.

PARTICULARS OF ITEMS DISCUSSED AT THE MEETINGS
OF THE COMMISSION HELD DURING THE YEAR

S.No.	Item discussed	Meeting at which discussed	Position as on 31st March 1967
1.	Preparation of Annual Report for the year ended on 31st March 1966 (Article VIII(8)).	Twentieth	The report was finalised and submitted to the Government of India and the Government of Pakistan on 17th May 1966.
2.	Second General Tour of Inspection (Article VIII(4)(c)).	Twentieth, Twentyfirst and Twentysecond	This item covers the 5-year period which ends on 31st March 1970 and thus is of a continuing nature. Certain preliminary discussions were held with regard to the first two parts of the Second General Tour.
3.	Programme for the Meetings and Special Tours of Inspection of the Commission.	Twentyfirst and Twentysecond	Disposed of.
4.	Deliveries to Pakistan from the Eastern Rivers during the period September 1965 onwards (Annexure H).	Twentieth	Replaced by item 5 below.
5.	Questions concerning deliveries to Pakistan from the Eastern Rivers during the period September 1965 onwards (Article IX(1)).	Twentyfirst, Twentysecond and Twentythird	To be examined further.
6.	Questions concerning supply of data requested by the Pakistan Commissioner in his letter No. WT(38/2)/(807-A)/PCIW, dated the 8th June 1963, regarding certain schemes in India (Article IX(1)).	Twentyfirst and Twentysecond	To be examined further.
7.	Questions concerning the construction of Sabuana, Kauriarwali and Surehwala drains (Article IX(1)).	Twentyfirst	Yet to be considered.

S.No.	Item discussed	Meeting at which discussed	Position as on 31st March 1967
8.	Disputes concerning Article IX(1) of the Indus Waters Treaty 1960 (Article IX).	Twentysecond and Twentythird	A report on this item was submitted to the Government of India and the Government of Pakistan on 31st March 1967.
9.	Determination of procedures of the Commission (Article VIII(10)).	Twentythird	The sequence in which the views of the two Commissioners are to be recorded in future reports under article IX(3) was decided upon.
10.	Preparation of the Annual Report for the year ended on 31st March 1967 (Article VIII(8)).	Twentythird	To be discussed further.
11.	Modification of Form No. 6 of the Forms of Water-account at Ferozepore for Phase II (Paragraph 41 of Annexure H).	Twentythird	Disposed of.
12.	Measures for the recovery, and restoration to owners, of timber and other property (Article IV(11)).	Twentieth	To be discussed further.

RECORD OF THE TWENTIETH MEETING OF THE PERMANENT INDUS COMMISSION HELD AT KARACHI FROM 13TH TO 18TH MAY 1966.

PRESENT

PERMANENT INDUS COMMISSION

Shri P.R. Ahuja, Commissioner for Indus Waters, Government of India.	Mian Khalil-ur-Rahman, T.Pk., Pakistan Commissioner for Indus Waters, Government of Pakistan.
--	--

ADVISERS TO COMMISSIONERS

- | | |
|---|--|
| 1. Dr. J.K. Malhotra,
Additional Commissioner
for Indus Waters,
Government of India. | 1. Sayyed Z. H. Jafri,
Chief Engineer,
Irrigation Department,
West Pakistan. |
| 2. Shri K. L. Ahuja,
Deputy Indus Commissioner,
Government of India. | 2. Mr. Manzur Ahmad, T.Q.A.,
Engineering Adviser,
Government of Pakistan. |
| | 3. Sayed Habib-ur-Rahman,
Director,
Office of the Pakistan
Commissioner for Indus Waters. |

The Commission held its 20th meeting at Karachi from 13th to 18th May 1966. At this meeting, the Commission finalised its Annual Report for the year ended on 31st March 1966 and submitted it to the Government of India and the Government of Pakistan on 17th May 1966.

2. The Commission reviewed the programme of the first two parts of the Second General Tour of Inspection, tentatively agreed upon at the last meeting, and decided to postpone these tours. It was agreed that the new programme and details of these tours would be finalised at the next meeting of the Commission which would be held during the early part of August 1966 in India.

3. The two Commissioners discussed the following items :-

- (i) Measures for the recovery, and restoration to owners, of timber and other property (Article IV(11)).

The two Commissioners exchanged views on the two alternatives regarding the limitation of the sale proceeds of the auctioned timber, mentioned in paragraph 4(xi)(d) of the Record of the Tenth Meeting of the Commission. They agreed to consider the matter further and discuss it again at the next meeting.

In connection with the ad hoc arrangements for the disposal of timber recovered in Pakistan during the year ended on 31st March, 1964 the Pakistan Commissioner stated that the Government of Pakistan had, as a gesture of goodwill and co-operation, agreed to the export of gypsum from Pakistan in addition to rock salt and fresh fruit. It was clarified that Pakistan would have no objection to the export of any of these three commodities or a combination thereof. The two Commissioners agreed that details regarding the arrangements in this connection might be worked out by the concerned Ministries of the Government of India and the Government of Pakistan.

(ii) Deliveries to Pakistan from the Eastern Rivers during the period September 1965 onwards (Annexure H).

The matter was discussed by the two Commissioners. The Pakistan Commissioner made certain points and desired that the matter be examined by the Commission under the provisions of Article IX(1) of the Treaty at its next meeting. The Indian Commissioner agreed to study the points made by the Pakistan Commissioner and examine the matter further at the next meeting.

Sd/-
(P.R.Ahuja)
Commissioner for Indus Waters,
Government of India.

Sd/-
(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Karachi,
18th May 1966.

RECORD OF THE TWENTYFIRST MEETING OF THE
PERMANENT INDUS COMMISSION HELD AT DELHI
FROM 28TH SEPTEMBER TO 4TH OCTOBER 1966.

PRESENT

PERMANENT INDUS COMMISSION

Shri P.R. Ahuja, Commissioner for Indus Waters, Government of India. Mian Khalil-ur-Rahman, T.Pk., Pakistan Commissioner for Indus Waters, Government of Pakistan.

ADVISERS TO COMMISSIONERS

- | | |
|--|--|
| 1. Dr. J.K. Malhotra, Additional Commissioner for Indus Waters, Government of India. | 1. Sayyed Z.H. Jafri, Chief Engineer, Irrigation Department, West Pakistan. |
| 2. Shri B.K. Uppal, Deputy Secretary, Ministry of Irrigation and Power, Government of India. | 2. Mr. Mujib-ur-Rahman Khan, C.S.P., Deputy Secretary, Ministry of Industries and Natural Resources, Government of Pakistan. |
| 3. Shri K.L. Ahuja, Deputy Indus Commissioner, Government of India. | 3. Mr. M.A. Ameen, Deputy Secretary, Ministry of Law, Government of Pakistan. |
| 4. Shri D.V. Gulati, Deputy Director, Ministry of Irrigation and Power, Government of India. | 4. Syed Habib-ur-Rahman, Director, Office of the Pakistan Commissioner for Indus Waters. |
| 5. Shri B.K.S. Mathur, Deputy Director, Ministry of Irrigation and Power, Government of India. | |

The Commission held its 21st meeting at New Delhi from 28th September to 4th October 1966. At this meeting, the Commission discussed the programme for its future meetings and tours of inspection and agreed on the following schedule :-

Tours/Meetings

Approximate schedule
for commencement

- | | |
|---|-------------------------------|
| (i) Special tour of inspection of Hudiara Drainage System in India. | Third week of November 1966. |
| (ii) Special tour of inspection of Hudiara Drainage System in Pakistan. | Second week of December 1966. |

Tours/Meetings

Approximate schedule
for commencement

- (iii) 22nd Meeting of the
C.I.C. Commission. Third week of January 1967.
- (iv) Special tour of inspection Third week of February 1967.
of Kasur Nala and its
tributaries including its
diversion into the Sutlej
in Pakistan.
- (v) Special tour of inspection First week of March 1967.
of Kasur Nala, its
tributaries and its
diversion into the Sutlej
in India.
- (vi) 23rd Meeting of the Commission. Last week of March 1967.

2. The Commission decided that the programme for its further meetings, the remaining special tours of inspection and parts of the Second General Tour of Inspection would be finalised at its 23rd Meeting.

3. The Pakistan Commissioner invited attention to paragraph 3(ii) of the Record of the 20th Meeting dealing with "Deliveries to Pakistan from the Eastern Rivers during the period September 1965 onwards (Annexure H)" and presented the following questions for examination by the Commission under the provisions of Article IX(1) of the Treaty :-

"I. Deliveries to the Central Bari Doab Channels
(CBDC) under the provisions of Annexure H
to the Treaty.

- (i) Does Paragraph 7 of Annexure H to the Treaty contemplate the placing of fresh indents by Pakistan before 21st September every year, or would the indents placed in one year hold good for subsequent years in the absence of any further indents modifying the said indents?
- (ii) Considering the special circumstances prevailing during the period 6th September 1965 to late January 1966, should India not have delivered Pakistan's share of the Ravi waters in the C.B.D.C. and, when Pakistan requested for it in November 1965, in the river Ravi below Madhopur?
- (iii) What amount should be paid by India to Pakistan to compensate it for the losses suffered on account of the non-receipt of its share of waters from 21st September 1965 to about the end of January 1966?

II. Deliveries to the Dipalpur Canal at Ferozenore.

- (i) Were supplies delivered into the Dipalpur Canal during the period 11th September to 15th October 1965 in accordance with the indent placed by Pakistan? If not, what was the extent of shortages?
- (ii) What amount should be paid by India to Pakistan to compensate it for the losses suffered on account of non-receipt of the indented supplies during the period 11th September to 15th October 1965?

III. Deliveries below Ferozenore.

- (i) What was the extent of the shortages in deliveries due to Pakistan, below Ferozepore, during the period 11th September 1965 to 10th January 1966?
- (ii) What amount should be paid by India to Pakistan to compensate it for the losses suffered on account of the non-receipt of its full share of waters from 11th September 1965 to 10th January 1966?"

The Indian Commissioner held the view that the questions to be examined under Article IX(1) of the Treaty should be as under:-

I. Deliveries to the Central Bari Doab Channels (CBDC) under the provisions of Annexure H to the Treaty.

Paragraph 7 of Annexure 'H' to the Treaty stipulates that India will deliver supplies to the C.B.D. Channels "according to indents to be placed by Pakistan". Was not Pakistan, therefore, required to place indents on India for supplies to be delivered to C.B.D. Channels from 21st September 1965 onwards; particularly when Pakistan had been consistently placing such indents every year in the past?

II. Deliveries to Pakistan at Ferozepore (including Dipalpur Canal).

What were the deliveries due to Pakistan at Ferozepore in each Water-accounting period from 11th September 1965 to 10th January 1966, and what were the deliveries actually made to Pakistan, separately below Ferozepore and into the Dipalpur Canal, in each of these Water-accounting periods?"

4. After detailed discussions relating to the questions in Paragraph 3 above, the Commission decided that, before the subject is taken up again at the next meeting of the Commission,

further consideration should be given to the points mentioned below :-

- (i) Whether the questions to be examined under Article IX(1) are to be framed by the Commission or by the Party making the reference to the Commission?
- (ii) Can the Commission examine under Article IX(1) a claim for financial compensation raised with respect to any question to be examined by it under the said Article? If so, should the claim for compensation be raised at the time of the initial reference of the question to the Commission or should it be raised after the Commission has completed the examination of the basic question?
- (iii) In the examination of a question under Article IX(1) of the Treaty, should the Commission, as a single body, hear the Parties and/or consider the material submitted by the Parties, or should the two members of the Commission also simultaneously act as representatives of the Parties and argue the respective points of view of the Parties between themselves, or should the Commission follow some other procedure and, if so, what would be the appropriate procedure?
- (iv) Can the Commission, while examining and endeavouring to resolve a question under the provisions of Article IX(1), act independently of the Parties?

5. The Pakistan Commissioner requested that the following questions, already communicated by him, may be examined by the Commission under Article IX(1) of the Treaty :-

- (1) Whether under Article VI(2), Article VI(2) read with Article IV(2) and IV(3), and Article VII(2) of the Indus Waters Treaty 1960, Pakistan is entitled to ask India to supply the data requested by the Pakistan Commissioner in his letter No. WT(38/2)/(807-A)/PCIJ, dated the 8th June, 1963?
- (ii) Whether the schemes for which the Pakistan Commissioner had requested data in his letter dated 8th June 1963, can be identified or not?"

The matter was considered and the Commission decided to discuss it at its next meeting.

6. The Pakistan Commissioner presented the following questions for examination by the Commission under Article IX(1) of the Treaty :-

- "(i) Were Dabuana, Kaurianwali and Sureshwala drains completed before the Effective Date?
- (ii) In case these drains had not been completed before the Effective Date then to what extent had they been constructed by that date?"

The Commission decided to consider the matter at its next meeting.

Sd/- (P.R. Ahuja) Commissioner for Indus Waters, Pakistan Government of India.	Sd/- (Khalil-ur-Rahman)T.Pk., Commissioner for Indus Waters. Government of Pakistan.
---	---

New Delhi,
4th October 1966.

RECORD OF THE TWENTYSECOND MEETING OF
THE PERMANENT INDUS COMMISSION HELD AT
ISLAMABAD FROM 17TH TO 24TH JANUARY 1967.

PRESENT

PERMANENT INDUS COMMISSION

Shri P.R. Ahuja,
Commissioner for Indus Waters,
Government of India.

Mian Khalil-ur-Rahman, T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

ADVISERS TO COMMISSIONERS

1. Shri V.S. Deshpande,
Joint Secretary and
Legal Adviser,
Ministry of Law,
Government of India.

1. Mr Saad Saood Jan, C.S.P.,
Joint Secretary,
Ministry of Law and
Parliamentary Affairs,
Government of Pakistan.

2. Dr. J.K. Malhotra,
Additional Commissioner
for Indus Waters,
Government of India.

2. Sayyed Z.H. Jafri,
Chief Engineer,
Irrigation and Power Department
West Pakistan.

3. Shri D.A. Kamat,
Assistant Legal Adviser,
Ministry of
External Affairs,
Government of India.

3. Mr. Manzur Ahmad, T.O.A.,
Engineering Adviser,
Government of Pakistan.

4. Shri B.K.S. Mathur,
Deputy Director,
Ministry of Irrigation
and Power,
Government of India.

4. Mr. A.K.H. Morshed, P.F.S.,
Director,
Ministry of Foreign Affairs,
Government of Pakistan.

5. Mr. M.A. Ameen,
Deputy Secretary,
Ministry of Law and
Parliamentary Affairs,
Government of Pakistan.

6. Syed Habib-ur-Rahman,
Director,
Office of the Pakistan
Commissioner for Indus Waters.

The Commission held its 22nd meeting at Islamabad from 17th to 24th January 1967. At this meeting, the Commission discussed the programme for its future meetings and tours of inspection and

agreed on the following schedule :-

<u>Tours/Meetings</u>	<u>Approximate dates of commencement.</u>
(i) Special tour of inspection of Hudiyara Drainage System in Pakistan.	23rd February, 1967
(ii) 23rd Meeting of the Commission.	24th March, 1967
(iii) Special tour of inspection of Kasur Nala and its tributaries including its diversion into the Sutlej in Pakistan.	24th April, 1967
(iv) Special tour of inspection of Kasur Nala, its tributaries including its diversion into Sutlej in India.	26th April, 1967
(v) 24th Meeting of the Commission.	24th May, 1967

2. The Commission decided that the programme for its further meetings, the remaining special tours of inspection and parts of the Second General Tour of Inspection would be finalized at its 24th meeting.

3. The Commission took up consideration of the four points mentioned in paragraph 4 of the Record of its 21st meeting and also considered a fifth point concerning the supply of data and any other information to the Commission that may be needed for the examination of a question. As no agreement could be reached on these five points, the Commission decided to also treat these five points as questions under Article IX(1) of the Treaty; and, since none of these questions falls within the provisions of Part I of Annexure F to the Treaty, these have to be treated, under the provisions of Article IX(2) of the Treaty, as disputes to be settled

in accordance with the provisions of Paragraphs (3), (4) and (5) of Article IX of the Treaty. It was agreed that the report regarding these disputes, to be submitted to the two Governments under the provisions of Article IX(3) of the Treaty, would be finalised at the 23rd meeting of the Commission. The Commission agreed that without prejudice to the views held by the two Commissioners regarding the five questions referred to above, it will, at its next meeting, examine the questions mentioned in paragraph 3 of the Record of the 21st meeting.

4. The Commission took up consideration of the questions mentioned in paragraph 5 of the Record of its 21st meeting and after a preliminary examination decided to examine these further at the next meeting of the Commission.

Sd/-
P.R. Ahuja
Commissioner for Indus Waters,
Government of India.
24/1/67

Sd/-
Khalil-ur-Rahman, T.Pk.,
Pakistan Commissioner for Indus Waters,
Government of Pakistan.

Islamabad,
24th January 1967.

RECORD OF THE TWENTYTHIRD MEETING
OF THE PERMANENT INDUS COMMISSION
HELD AT DELHI FROM 25TH TO 31ST
MARCH 1967

PRESENT

PERMANENT INDUS COMMISSION

Shri P.R. Ahuja,
Commissioner for Indus Waters,
Government of India.

Mian Khalil-ur-Rahman, T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

ADVISERS TO COMMISSIONERS

1. Dr. J.K. Malhotra,
Ministry of
Irrigation and Power,
Government of India.

1. Mr. Manzur Ahmad, T.P.A.,
Engineering Adviser,
Government of Pakistan.

2. Shri B.K. Unpal,
Deputy Secretary,
Ministry of Irrigation
and Power,
Government of India.

2. Mr. M.A. Ameen,
Deputy Secretary,
Ministry of Law,
Government of Pakistan.

3. Shri D.A. Kamat,
Assistant Legal Adviser,
Ministry of External Affairs,
Government of India.

3. Syed Habib-ur-Rahman,
Director,
Office of the Pakistan
Commissioner for Indus
Waters,
Government of Pakistan.

4. Shri K.L. Ahuja,
Deputy Indus Commissioner,
Government of India.

5. Shri D.V. Gulati,
Deputy Director,
Ministry of Irrigation and Power,
Government of India.

6. Shri B.K.S. Mathur,
Deputy Director,
Ministry of Irrigation
and Power,
Government of India.

The Commission held its 23rd meeting at New Delhi from 25th to 31st March, 1967. As decided at its 22nd meeting, the Commission finalised its report on the disputes concerning Article IX(1) of the Indus Waters Treaty 1960 and submitted it to the Government of India and the Government of Pakistan on 31st March 1967, under Article IX(3) of the Treaty.

2. The Commission decided that, in the event of its having to submit reports under Article IX(3) of the Treaty in the future, the views (and the reasons therefor) of the Indian Commissioner would be recorded before those of the Pakistan Commissioner in the first of such reports, those of the Pakistan Commissioner would be recorded before those of the Indian Commissioner in the second of such reports and so on.

3. Without prejudice to the respective views of the two Commissioners on the issues in dispute which are the subject matter of the Report referred to in paragraph 1 above, the Commission took up the examination of the questions mentioned in paragraph 3 of the Record of the Twentyfirst Meeting concerning 'deliveries to Pakistan from the Eastern Rivers during the period September 1965 onwards'. The Commission agreed to examine these questions further at its next/subsequent meeting.

4. The Commission modified, under the provisions of Paragraph 41 of Annexure H, Form No.6 of the Forms of Water-account at Ferozepore for Phase II. A copy of the modified Form No. 6 is attached as Annexure to this record. It was agreed that the modified form would be brought into use from 1st April, 1967.

5. The Commission prepared a preliminary draft of the Annual Report on its work for the year ending 31st March 1967 and decided to finalise this report at its next meeting.

Sd/- P.R. Ahuja
Commissioner for Indus Waters
Government of India

Sd/- Khalil-ur-Rahman T.Pk.
Pakistan Commissioner for Indus
Waters
Government of Pakistan

New Delhi
31st March, 1967.

ANNEXURE

FORM NO. 6

Estimation of the River Gains and Losses from Ferozepore to Islam.

(September 11-20 to November 1-10)

(Paragraphs 23 and 34)

Water-accounting Period (Ferozepore Dates).....19...

Item	Particulars	Average value (cusecs)
1.	River at Ferozepore Below.	
2.a.	Escapage at R.D.27,000 of Dinalpur Canal.	
2.b.	B. S. Link at tail.	
2.	Aggregate of (2.a) and (2.b).	
3.	Total withdrawals by canals at Suleimank.	
4.	Total withdrawals by canals at Islam.	
5.	River at Islam Below.	
6.	River gains from Ferozepore to Islam = $\sphericalangle (3) + (4) + (5) - (1) - (2) \sphericalangle$ if positive.	
7.	River losses from Ferozepore to Islam = $\sphericalangle (1) + (2) - (3) - (4) - (5) \sphericalangle$ if positive.	

RECORD OF THE TWENTYSIXTH TOUR OF INSPECTION
BY THE PERMANENT INDUS COMMISSION UNDERTAKEN
FROM 17TH TO 23RD NOVEMBER 1966.

In pursuance of the decision taken at the 21st meeting of the Permanent Indus Commission, held at New Delhi from 28th September to 4th October 1966, the Permanent Indus Commission undertook a tour of inspection of Hudiara Drainage System in India from 17th to 23rd November 1966.

2. During this tour of inspection, the Commission inspected all those tributary drains which, according to the Indian Commissioner, had been constructed by agencies other than the Irrigation Department and in respect of which, according to him, no record was available. These tributary drains are listed below. The information given in Columns 2 to 6 below is collected by the local officers for the purpose of this tour of inspection, and the bed widths in Column 7 are as they appeared to exist at site during the inspection.

Sl. No.	Villages served by the drain.	Parent channel into which the tributary drain outfalls.			Approx. length of the tributary drain in feet	Approx. bed width near the outfall in feet.	Date of inspection.
		Name	Side R/L	Approx. R.D.			
1.	Burj	Hudiara	L	18 - 19	6000	5	18-11-66
2.	Kallewala	Hudiara	L	30 - 31	6000	15	18-11-66
3.	Mahawa	Hudiara	L	34 - 35	1500	6	18-11-66
4.	Mahawa	Hudiara	R	35 - 36	2500	5	18-11-66
5.	Lahori Mal	-do-	R	58 - 59	6000	3	18-11-66
6.	Lahori Mal	-do-	L	60 - 61	1500	10	18-11-66
7.	Bopa Rai	-do-	L	81 - 82	1500	5	20-11-66
8.	Bopa Rai & Kallowala	-do-	R	81 - 82	3000	4	20-11-66
9.	Kotla Duman	-do-	R	100 - 101	2000	4	20-11-66
10.	Kotla Duman	-do-	L	100 - 101	Less than 1000	Connected Borrow-pits.	20-11-66
11.	Kotla Duman	-do-	L	100 - 101	2000	5	20-11-66
12.	Kotla Duman	-do-	R	100 - 101	1100	5	20-11-66

1	2	3	4	5	6	7	8
13.	Kotla Duman	Hudlara	R	101-102	5000	5	20.11.66
14.	Ram Tirath	-do-	L	101-102	150	5	20.11.66
15.	Ram Tirath	-do-	L	105-106	Less than 1000	7	20.11.66
16.	Kotla Dal Singh	-do-	L	114-115	400	3	20.11.66
17.	Rudala	-do-	L	120-121	800	3	20.11.66
18.	Raja Sansi	-do-	R	121-122	Less than 1000	3	20.11.66
19.	Raja Sansi	-do-	R	123-124	5000	4	20.11.66
20.	Her	-do-	L	128-129	3500	5	20.11.66
21.	Her	-do-	L	130-131	2500	6	20.11.66
22.	Her	-do-	R	130-131	1500	6	20.11.66
23.	Balsachandrar	Hudlara Majitha Tarpal	R	0-1	5000 with one tributary of 3500 ft.	5	20.11.66
24.	Her	-do-	L	0-1	2000	5	20.11.66
25.	Bal Sachandar	-do-	R	1-2	3000	3	20.11.66
26.	Loharka Kalan	-do-	R	15-16	Less than 1000	4	20.11.66
27.	Loharka Kalan	-do-	R	17-18	1000	3	20.11.66
28.	Loharka Kalan and Khurd	-do-	L	17-18	4000	4	20.11.66
29.	Doburji	-do-	R	24-25	3500	3	20.11.66
30.	Hirbal	-do-	R	24-25	1500	4	20.11.66
31.	Sohian Kalan	-do-	R	32-33	1000	3	20.11.66
32.	Sohian Kalan	-do-	R D/S Bridge	33-34	1500	Connected Borrow-pits.	20.11.66
33.	Sohian Kalan	-do-	R U/S Bridge	33-34	5000	4	20.11.66
34.	Majitha	-do-	L	49-50	3000	20	21.11.66.

1	2	3	4	5	6	7	8
35.	Sipari Wind	Hudhara Majitha Tarpai	L	57-58	7000	6	21.11.66
36.	Gallowli Kalan	-do-	R	61-62	3000	5	21.11.66
37.	Jajjiam	-do-	L	61-62	12000	16	21.11.66
38.	Hamza	S.No. 37 of 1. col. 1.	L	1-2	4000	10	21.11.66
39.	Hamza	-do-	R	1-2	5000	8	21.11.66
40.	Hamza	-do-	R	2-3	500	12	21.11.66
41.	Sipari Wind Kalan	-do-	L	2-3	3000	10	21.11.66
42.	Athwal	-do-	R	5-6	1000	12	21.11.66
43.	Sipari Wind Kalan	-do-	L	5-6	3000	12	21.11.66
44.	Bhaini Lidharan	-do-	R	8-9	1200	10	21.11.66
45.	Bhaini Lidharan	-do-	L	9-10	1500	8	21.11.66
46.	Kotla Sultan Singh & Jajjiam	-do-	L	11-12	5000 with a tributary of 700 ft.	5	21.11.66
47.	Gallowli Kalan	Hudhara Majitha Tarpai	L D/S Bridge	64-65	1000	5	22.11.66
48.	Burj Naibad	-do-	L	68-69	5000	15	22.11.66
49.	Bhoma and Burj Naibad	-do-	L	71-72	3000	10	22.11.66
50.	Bhoma and Burj Naibad	-do-	R	72-73	1000	5	22.11.66
51.	Burj and Ghosal	-do-	L	79-80	3000	12	22.11.66
52.	Ramara Chak and Ghosal	-do-	L	81-82	3000	12	22.11.66
53.	Ghosal	-do-	R	82-83	500	12	22.11.66
54.	Ramara Chak	-do-	L	82-83	500	4	22.11.66
55.	Tarpai	-do-	L	84-85	1500	16	22.11.66
56.	Tarpai	-do-	R	84-85	2000	16	22.11.66

1	2	3	4	5	6	7	8
57.	Tarpai	Hudiana Majitha Tarpai	R	86-87	3000	10	22.11.66
58.	Sarchur	-do-		Source	10000	5	22.11.66
59.	Raja Sansi & narseh Chhina	Raja Sansi	R	17-18	5000 with a tributary of 2000	4	20.11.66
60.	Raja Sansi	-do-	L	17-18	1000	4	20.11.66
61.	Raja Sansi	-do-	L	17-18	5000	4	20.11.66
62.	Adliwala	-do-	R	25-26	2000	4	20.11.66
63.	Adliwala	-do-	L	25-26	3000	4	20.11.66
64.	Adliwala	-do-	L	25-26	Less than 1000	3	20.11.66
65.	Loharka	Majjupur	R	12-13	1000	3	20.11.66
66.	Loharka	-do-	R	12-13	1000	2	20.11.66
67.	Majjupur	-do-	L	U/S 31-32	2500	5	20.11.66
68.	Majjupur	-do-	R	31-32	Less than 1000	5	20.11.66
69.	Majjupur	-do-	R	31-32	Less than 1000	5	20.11.66
70.	Naushara Dhalla	Gandiwand	R	10-11	2000	Connected Borrowpits	18.11.66
71.	Gandiwand	-do-	R	28-29	1500	4	19.11.66
72.	Gandiwand	-do-	R	D/S 28-29	4000	4	19.11.66
73.	Chima Kalan	-do-	L	28-29	1000	4	19.11.66
74.	Leian	Kasel Padham	L	7-8	2000	3	19.11.66
75.	Leian	-do-	L	10-11	2000	2	19.11.66
76.	Sami Amanat Khan	-do-	R	12-13	4000	5	19.11.66
77.	Sami Amanat Khan	-do-	L	15-16	3000	Connected Borrowpits	19.11.66

1.	2	3	4	5	6	7	8
78.	Sarai Amanat Khan	Kasel Padhana	R	15-16	500	2	19.11.66
79.	Sarai Amanat Khan	-do-	L	17-18	1500	2	19.11.66
80.	Candi Mand	-do-	L	18-19	1000	2	19.11.66
81.	Mianpur	Jagatpur	L	4-5	2000	4	19.11.66
82.	Mianpur	-do-	L	4-5	2000	4	19.11.66
83.	Mianpur & Dhand	-do-	R	4-5	4000	4	19.11.66
84.	Mianpur and Dhand	-do-	R	4-5	2000	4	19.11.66
85.	Dhand and Mianpur	-do-	L D/S	S11-12 Bridge	2000	4	19.11.66
86.	Dhand and Mianpur	-do-	R U/S	S11-12 Bridge	2000	3	19.11.66
87.	Dhand and Mianpur	-do-	R	11-12	200	3	19.11.66
88.	Dhand and Mianpur	-do-	L	11-12	900	3	19.11.66
89.	Sangra & Thatingarh	-do-		Source	15000	3	19.11.66
90.	Jathaul	Khera	L	6-7	2000	7	18.11.66
91.	Bhusse	-do-	L	7-8	5000	6	18.11.66
92.	Kallewala	-do-	R	8-9	2500	2	18.11.66
93.	Kallewala	-do-	R	11-12	3000	3	18.11.66
94.	Kallewala	-do-	R	12-13	Less than 1000	4	18.11.66
95.	Hoshiar Nagar	-do-	R	15-16	2000	28	18.11.66
96.	Chicha	-do-	L	15-16	2000	15	18.11.66
97.	Mahmud Nagar	Khera	L	17-18	Less than 1000	3	18.11.66

1	2	3	4	5	6	7	8
98.	Bhakra Kalan	Khera		Source	4500	4	18.11.66
99.	Attari	Attari	L	15-16	5000	5	18.11.66
100.	Attari	-do-	R	24-25	5000	5	18.11.66
101	Bhakra Khurd & Kalan	City outfall	L	22-23	5000	5	19.11.66
102	Bhakra Khurd & Kalan and Chak Mukand	-do-	R	24-25	6000	3	19.11.66
103	Bhakra Kalan & Chak Mukand	-do-	R	27-28	5000	5	19.11.66
104	Mulla-Bhram	-do-	R	30-31	2000	3	19.11.66
105	Gumarpura	-do-	R	35-36	7000	3	19.11.66
106	Khaparkheri	-do-	L	47-48	2000	3	19.11.66
107	Gharenda & Gharendi	Fadhiar	L	0-1	4000	20	18.11.66
108.	Dhodi wind	-do-	L	7-8	Less than 1000	3	18.11.66
109	Ranike & Rangarh	-do-	R	9-10	3500	6	18.11.66
110	Kaler & Bopa Rai	Tung Dhab	R	4-5	1500	3	20.11.66
111.	Vadala-Bhittewadh	-do-	R	18-19	2500	6	20.11.66
112	Mahl & Amritsar	-do-	L	31-32	5000	5	20.11.66
113	Mahl	-do-	R	31-32	1500	7	20.11.66
114	Mahl & Amritsar	-do-	L U/S Bridge	31-32	1200	5	20.11.66
115	Mahl	-do-	R D/S Bridge	31-32	1000	Connected before pits	20.11.66
116	Mian Kot & Guntala	-do-	L D/S Bridge	41-42	1000	3	20.11.66
117.	Guntala	-do-	L U/S Bridge	41-42	2000	2	20.11.66
118.	Mian Kot & Guntala	-do-	L U/S Bridge	47-48	1000	5	20.11.66

1	2	3	4	5	6	7	8
119	Mian Kot & Guntala	Tung Dhab	R D/S Bridge	47-48	1000	8	20.11.66
120	Guntala Nai Abadi	-do-	L D/S	51-52	1000	3	20.11.66
121	Nai Abadi	-do-	L U/S	51-52	4000	3	20.11.66
122	Tung Kalan	-do-	R U/S	57-58	1500	5	21.11.66
123	Tung Kalan	-do-	R D/S	57-58	1000	5	21.11.66
124	Gopal Nagar & Tung Kalan	-do-	L	57-58	1000	7	21.11.66
125	Gopal Nagar & Tung Kalan	-do-	L	57-58	1000	4	21.11.66
126	Tung Bela	-do-	R	63000	4000	3	22.11.66
127	Tung Bela	-do-	R	63000	4000	5	22.11.66
128	Amritsar	-do-	L	63000	5000	3	22.11.66
129	Amritsar	-do-		Source	300	3	22.11.66
130	Muradpur Nangli & Guntala	Guntala	R	2-3	15000	4	22.11.66
131	Guntala	-do-	L	2-3	1000	3	22.11.66
132	Muradpur Naushara & Nangli	-do-	R	4-5	6000	10	22.11.66
					with one tributary 2000 ft. from right		
133	Ganda Singh-wala	-do-	L	8-9	250	8	22.11.66
134	Naushara	-do-	R	10-11	4000	5	22.11.66
135	Naushara	-do-	L	10-11	Less than 1000 ft.	8	22.11.66
136	Naushara	-do-	R	11-12	500	2	22.11.66
137	Muhdal & Verka	-do-	R	18-19	12000	16	22.11.66
138	Muhdal	-do-	L	29-30	300	3	22.11.66
					with tributary 3000		....8/-

1	2	3	4	5	6	7	8
139	Mudhal	Guntala	R	30-31	3000	2	22.11.66
140	Mudhal	-do-	R	30-31	3000	2	22.11.66
141	Naushara	Nag	R	2-3	1000	3	21.11.66
142	Bal Kalan	-do-	L	14-15	1200	8	21.11.66
143	Bal Kalan	-do-	R	15-16	less than 1000	3	21.11.66
144	Nag Nad	-do-	R	17-18	200	3	21.11.66
145	Nag Nad	-do-	R	17-18	200	3	21.11.66
146	Nag Nad	-do-	L	20-21	2000	8	21.11.66
147	Nag Kalan	-do-	L	21-22	1000	10	21.11.66
148	Nag Kalan	-do-		Source	2000	5	21.11.66
149	Nag Kalan	-do-		Source	1000	5	21.11.66
150	Pindori	Dhing Nangal	R	4-5	400 with a tributary of 250 ft.	2	22.11.66
151	Nag Kalan	-do-	R	19-20	2000	3	22.11.66
152	Kaler Mangat	Talwandi Guntala Link	R	8-9	4000	4	22.11.66
153	Ajibwadi	Talwandi Bharat	R U/S	8-9	2000	4	22.11.66
154	Ajibwadi	-do-	L U/S	8-9	1000	5	22.11.66
155	Ajibwadi	-do-	R U/S Bridge	11-12	1500	6	22.11.66
156	Patal Puri	-do-	R	18-19	1000	4	22.11.66
157	Sham Nagar	-do-	R	21-22	3500	15	22.11.66
158	Sham Nagar	-do-	L	25-26	600	6	22.11.66
159	Marari Kalan	-do-	L U/S	28-29	5000	5	22.11.66
160	Marari Kalan	-do-	L D/S	28-29	1500	5	22.11.66
161	Bhangli Kalan	-do-	R U/S	40-41	1200	4	22.11.66

1	2	3	4	5	6	7	8
162	Bhangali Kalan	Talwandi Bharat	L	40-41	1000	4	22.11.66
163	Bhangali Kalan	-do-	L	40-41	1000	4	22.11.66
164	Bhangali Kalan	-do-	R	40-41	500	4	22.11.66
165	Gujarpur	-do-	L	41-42	1200	14	22.11.66
166	Verka	Verka	L D/S	9-10	1000	5	22.11.66
167	Verka	-do-	L	10-11	1000	5	22.11.66
168	Verka Milk Plant	-do-	R	10-11	1500	4	22.11.66
169	Verka	-do-	R	11-12	1000	5	22.11.66
170	Verka Town	-do-	R U/S of Rly. line	12-13	1500	8	22.11.66
171	Verka	-do-	R D/S of Rly. line	12-13	1000	15	22.11.66
172	Verka	-do-	L	12-13	800	5	22.11.66
173	Verka	-do-	L	12-13	800	5	22.11.66

3. The above tributary drains were inspected to the extent visible from their outfalls into the parent channels. In a few cases, however, the Commission either inspected the entire lengths of the tributary drains or inspected them from two or three different points along their lengths.

4. As authorised by the Commission, the inspection of items No: 52 to 57, 65, 66, 126 to 129, 136 to 140, 150 and 151 above was carried out, on its behalf, by the Advisers.

5. During this tour the Commission also inspected, on 18th November, 1966, the Hudiana Drain near its crossing with the International Boundary.

6. This tour of inspection was undertaken at the request of the Pakistan Commissioner for Indus Waters under Article VIII(4)(d) of the Treaty.

.....YD/-

7. During this tour of inspection, the two Commissioners were accompanied by the following advisers :-

INDIA

1. Shri G.S. Sidhu
2. Shri K.L. Ahuja

PAKISTAN

1. Mr. Z.A. Khan Burki
2. Mr. Bashir Ahmad

Sd/-

P.R. Ahuja
Commissioner for Indus Waters,
Government of India.

Sd/-

Khalil-ur-Rahman, T.Pk.,
Pakistan Commissioner for Indus Waters,
Government of Pakistan.

Amritsar,
November 23, 1966.

RECORD OF THE TWENTYSEVENTH TOUR
OF INSPECTION BY THE PERMANENT
INDUS COMMISSION UNDERTAKEN FROM
23RD TO 28TH FEBRUARY 1967.

The Permanent Indus Commission undertook a tour of inspection of the Escape Channel taking off at R.D.27,000 of Dipalpur Canal and of Hudiara Drainage System in Pakistan from 23rd to 28th February 1967 and inspected the following:-

<u>S.No.</u>	<u>Name of the Channel Inspected</u>	<u>Date or Dates on which inspected</u>
1.	Escape Channel from its offtake at R.D. 27,000 of Dipalpur canal to its outfall into the Sutlej Main near village Mambéke.	23.2.67
2.	Hudiara Drain from R.D.142,000 to its outfall (R.D. 308,000) into the River Ravi and to the extent visible upstream of R.D. 142,000.	24.2.67 25.2.67 26.2.67 and 27.2.67
3.	Barki Drain from R.D. Zero to 13,500.	24.2.67
4.	Deo Padhana Drain from R.D. Zero to 10,000.	24.2.67
5.	Chak Dheru Drain from R.D. Zero to 9,000.	25.2.67
6.	Soara Drain to the extent visible from its outfall into Hudiara Drain.	25.2.67
7.	Ahlu Drain from R.D. Zero to 12,500.	25.2.67
8.	Kahna Drain from R.D. Zero to 14,000.	25.2.67
9.	Kahna Town Drain from R.D. Zero to 3,000 and its tributary R.D. Zero to 2,000.	25.2.67
10.	Glaxo Factory Pipe Drain from R.D. Zero to about R.D. 8,500.	25.2.67
11.	Charrar Drain from R.D. Zero to 24,500 and near R.D. 29,000.	26.2.67
12.	Packages Factory Drain from R.D. 1,000 to 11,200.	26.2.67
13.	Sattokatla Drain from R.D. Zero to 55,400.	27.2.67
14.	Rakh Chandrai Drain from R.D. Zero to 8,000.	27.2.67
15.	Kot Lakhpat Drain from R.D. Zero to 3,250.	27.2.67
16.	Amirpur Drain to the extent visible from its outfall into Sattokatla Drain.	27.2.67

2. During this tour of inspection the Commission also inspected connected borrow pits along roads and railway lines which outfall into Hudiara Drainage System and thus act as tributaries of the System. These tributaries are listed below. The information given in columns 2 and 6 below is as supplied by the Pakistan Commissioner for Indus Waters and the bed widths in column 7 are as they appeared to exist at site during the inspection.

S.No.	Village	Parent channel into which the tributary outfalls.			Approx. length of the tributary in ft.	Approx. width near the outfall in ft.	Date of inspection
		Name	Approx. R.D.	Side R/L			
1	2	3	4	5	6	7	8
1.	Lallo	Hudiara	142	R U/s Bridge	800	10	24.2.67
2.	Ghurk	-do-	-do-	L -do-	1000	15	24.2.67
3.	Lallo	-do-	-do-	R D/s Bridge	800	10	24.2.67
4.	Hudiara	-do-	165-166	R U/s Bridge	5600	10	24.2.67
5.	-do-	-do-	-do-	L -do-	2600	10	24.2.67
6.	Nurpur	-do-	-do-	L D/s Bridge	2500	15	24.2.67
7.	Dera Ghahi	-do-	194	R U/s Bridge	300	5	25.2.67
8.	Thetter	-do-	200-201	R parallel to the road.	1200	5	25.2.67
9.	-do-	-do-	-do-	L -do-	800	5	25.2.67
10.	Dullo Khurd	-do-	233-234	R U/s Bridge	13000	6	25.2.67
11.	-do-	-do-	-do-	R D/s Bridge	7000	5	25.2.67
12.	Kacha	-do-	250-251	L -do-	1500	15	26.2.67
13.	-do-	-do-	-do-	R U/s Bridge	2500	8	26.2.67
14.	-do-	-do-	-do-	R D/s Bridge	2600	10	26.2.67
15.	Nangar	-do-	256-257	R D/s Railway Bridge	6500 with a tributary of 1500	10	26.2.67
16.	Halloke	-do-	-do-	L -do-	1500	12	26.2.67
17.	Chamrupur	-do-	280-281	L U/s Bridge	4000	5	26.2.67
18.	Amirpur	-do-	-do-	R D/s Bridge	1500	15	26.2.67

(Contd.....3/)

1	2	3	4	5	6	7	8
19.	Guru Manghat	Ahlu	6-7	R parallel to the road	3000	7	25.2.67
20.	Attari	Charrar	12-13	R parallel to the road	700	4	26.2.67
21.	Gopal Nagar	Satto-katla	Sour- ce	R U/s road culvert	10500	6	27.2.67
22.	Amar Sidhu	-do-	-do-	L U/s road culvert- parallel to the road	8000ft. with two tributa- ries one 700 ft. long parallel to the road and another 3000 feet parallel to the railway line with a branch of 2000 feet para- llel to the rail- way line..	8	27.2.67
23.	Kot-Lakhpat	Kot Lakhpat	-do-	R U/s Rail- way Bridge	300)		27.2.67
24.	-do-	-do-	-do-	L -do-	200)		27.2.67
25.	-do-	-do-	-do-	R D/s Railway Bridge	2000)		27.2.67
26.	-do-	-do-	-do-	L -do-	500)Irregu- lar		27.2.67
27.	Keer Kalan	Rakh Chandrai	-do-	R -do-	350)borrow- pits.		27.2.67
28.	-do-	-do-	-do-	L -do-	2500)		27.2.67

The above tributaries were inspected to the extent visible from their outfalls into the parent channels. In some cases, however, the Commission either inspected the entire lengths of the tributaries or inspected them from 2 or 3 different points along their lengths.

3. As authorised by the Commission, the inspection of Chak Dheru Drain from R.D. 5,000 to its outfall into Hudiara Drain and Kahna Drain from R.D. 9,000 to 14,000, was carried out, on its behalf, by the advisers.

(Contd...../4)

4. This tour of inspection was undertaken at the request of the Commissioner for Indus Waters, Government of India, under Article VIII(4)(d) of the Treaty.

5. During this tour of inspection, the two Commissioners were accompanied by the following advisers:

India

1. Shri D.V. Gulati.
2. Shri B.K. S. Mathur.

Pakistan

1. Syed Habib-ur-Rahman.
2. Mr. Z.A. Khan Burki.

Sd/-

P.R. Ahuja
28/2/67
Commissioner for Indus Waters
Government of India.

Sd/-

Khalil-ur-Rahman T.Pk.,
Pakistan Commissioner for Indus
Waters,
Government of Pakistan.

Lahore,
February 28, 1967.

Appendix - C

From

The Permanent Indus Commission.

To

1. The Government of India,
Ministry of Irrigation and Power,
New Delhi.
2. The Government of Pakistan,
Ministry of Industries and Natural Resources,
Islamabad.

SUBJECT:- DISPUTES CONCERNING ARTICLE IX(1) OF
THE INDUS WATERS TREATY 1960.

Sir,

The Commission has the honour to invite attention to Article IX(3) of the Indus Waters Treaty 1960 and to state that some disputes have arisen concerning Article IX(1) of the Treaty.

A report on these disputes is submitted herewith.

Yours faithfully,

Sd/-
F.R. Ahuja,
Commissioner for Indus
Waters,
Government of India.

Sd/-
Khalil-ur-Rahman T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

New Delhi,
March 31, 1967.

REPORT ON THE DISPUTES CONCERNING
ARTICLE IX(1) OF THE INDUS WATERS TREATY

1960

At the 21st meeting of the Permanent Indus Commission, held at Delhi from 28th September to 4th October 1966, the Pakistan Commissioner presented certain questions concerning the deliveries to Pakistan from the Eastern Rivers during the period September 1965 onwards, for examination by the Commission under the provisions of Article IX(1) of the Treaty. These questions are reproduced below:-

I. Deliveries to the Central Bari Doab Channels (CBDC) under the provisions of Annexure H to the Treaty.

- (i) Does Paragraph 7 of Annexure H to the Treaty contemplate the placing of fresh indents by Pakistan before 21st September every year; or would the indents placed in one year hold good for subsequent years in the absence of any further indents modifying the said indents?
- (ii) Considering the special circumstances prevailing during the period 6th September 1965 to late January 1966, should India not have delivered Pakistan's share of the Ravi waters in the C.B.D.C. and, when Pakistan requested for it in November 1965, in the river Ravi below Madhopur?
- (iii) What amount should be paid by India to Pakistan to compensate it for the losses suffered on account of the non-receipt of its share of waters from 21st September 1965 to about the end of January 1966?

II. Deliveries to the Divalpur Canal at Ferozepore.

- (i) Were supplies delivered into the Divalpur Canal during the period 11th September to 15th October 1965 in accordance with the indent placed by Pakistan? If not, what was the extent of shortages?
- (ii) What amount should be paid by India to Pakistan to compensate it for the losses suffered on account of non-receipt of the indented supplies during the period 11th September to 15th October 1965?

III. Deliveries below Ferozapore.

- (i) What was the extent of the shortages in deliveries due to Pakistan, below Ferozapore, during the period 11th September 1965 to 10th January 1966?
- (ii) What amount should be paid by India to Pakistan to compensate it for the losses suffered on account of the non-receipt of its full share of waters from 11th September 1965 to 10th January 1966?"

2. The Indian Commissioner held the view that the questions to be examined under Article IX(1) of the Treaty should be as under:-

I. Deliveries to the Central Bari Doab Channels (CBDC) under the Provisions of Annexure "A" to the Treaty.

Paragraph 7 of Annexure "A" to the Treaty stipulates that India will deliver supplies to the C.B.D. Channels "according to indents to be placed by Pakistan". Was not Pakistan, therefore, required to place indents on India for supplies to be delivered to C.B.D. Channels from 21st September 1965 onwards, particularly when Pakistan had been consistently placing such indents every year in the past?

II. Deliveries to Pakistan at Ferozapore (including Dipalpur Canal).

What were the deliveries due to Pakistan at Ferozapore in each Water-accounting period from 11th September 1965 to 10th January 1966, and what were the deliveries actually made to Pakistan, separately below Ferozapore and into the Dipalpur Canal, in each of these Water-accounting periods?"

3. After detailed discussions relating to the questions in paragraphs 1 and 2 above, the Commission, at its 21st meeting, decided that before the subject was taken up again, at the next meeting of the Commission, further consideration should be given to the points mentioned below:-

- (1) Whether the questions to be examined under Article IX(1) are to be framed by the Commission or by the Party making the reference to the Commission?

(ii) Can the Commission examine under Article IX(1) a claim for financial compensation raised with respect to any question to be examined by it under the said Article? If so, should the claim for compensation be raised at the time of the initial reference of the question to the Commission or should it be raised after the Commission has completed the examination of the basic question?

(iii) In the examination of a question under Article IX(1) of the Treaty, should the Commission, as a single body, hear the Parties and/or consider the material submitted by the Parties, or should the two members of the Commission also simultaneously act as representatives of the Parties and argue the respective points of view of the Parties between themselves, or should the Commission follow some other procedure, and, if so, what would be the appropriate procedure?

(iv) Can the Commission, while examining and endeavouring to resolve a question under the provisions of Article IX(1), act independently of the Parties?

4. At its 22nd meeting held at Islamabad from 17th to 24th January 1967, the Commission gave further consideration to the four points mentioned in paragraph 3 above. In addition, the Commission also considered a fifth point, viz,

Can the Commission ask the Parties to supply data and any other information that may be needed for the examination of a question under Article IX(1) of the Treaty?

5. Detailed discussions were held at the 22nd meeting of the Commission on all the five points listed in paragraphs 3 and 4 above and as no agreement could be reached on them, it was decided to treat these five points as "questions" under Article IX(1) of the Treaty, which the Commission had endeavoured but failed to resolve by agreement. Since none of these five "questions" fell within the provisions of Part I of Annexure F to the Treaty, the Commission decided that these questions would have to be treated under the provisions of Article IX(2) as "disputes" to be

settled in accordance with the provisions of Paragraphs 3, 4 and 5 of Article IX. It was also agreed that a report regarding these disputes would be submitted under Article IX(3) which is reproduced below:-

"As soon as a dispute to be settled in accordance with this and the succeeding paragraphs of this Article has arisen, the Commission shall, at the request of either Commissioner, report the fact to the two Governments, as early as practicable, stating in its report the points on which the Commission is in agreement and the issues in dispute, the views of each Commissioner on these issues and his reasons therefor."

6. Accordingly, the views of each Commissioner on each of the five issues in dispute, and his reasons therefor, are set out in paragraphs 7 to 11 below.

As regards the questions reproduced in paragraphs 1 and 2 above, the Commission, at its 22nd meeting, agreed that it would examine them further at its next meeting, without prejudice to the views held by the two Commissioners regarding the five issues in dispute which are the subject matter of this report.

7. Issue No. (1): Whether the questions to be examined under Article IX(1) are to be framed by the Commission or by the Party making the reference to the Commission?

7.1. The Pakistan Commissioner held the view:-

"The questions to be examined under Article IX(1) are to be framed by the Party making the reference to the Commission".

7.2. He gave the following reasons in support of this view:-

(a) As Article IX(1) does not provide that the Commission is to frame the questions, it naturally follows that the Party desirous of referring the matter to the Commission will frame the questions.

(b) If there is any pre-condition that a question to be examined by the Commission must first be approved by the other

Commissioner, then in case of disagreement between the two Commissioners upon its phrasing, the framing of the question itself would become a dispute. This would only delay the resolution of questions and settlement of differences and disputes and this cannot be the intention of the Treaty. However, either Party is free to refer to the Commission questions even regarding matters about which questions may have already been referred to the Commission by the other Party. In such a case the Commission could examine the two sets of questions in the chronological order of their reference or, if possible, even simultaneously.

(c) The framing of questions itself is not a procedural matter and is not covered by Article VIII(10) read with Articles VIII(4)(b) and IX(1).

(d) Questions which arise between the Parties regarding the Treaty would naturally concern the interpretation or application of the Treaty or the existence of any fact which, if established, might constitute a breach of the Treaty. If the two Commissioners were to frame the questions before these could even be entertained under Article IX(1), a situation can arise where one of the Commissioners by holding the view that the matter did not attract the provisions of Article IX(1) could even obstruct the taking up of the matter and proceeding to the subsequent stages under Article IX of the Treaty. This would cut across the very basis and purpose of Article IX of the Treaty. It is therefore logical that the Party concerned should frame the question."

7.3 The Indian Commissioner held the view-

"The questions to be examined are to be framed by the Commission itself i.e., by the two Commissioners acting together. However, if the two Commissioners, who constitute the Commission, do not agree on the formulation of a question, then the Commission may determine as a matter of procedure, that each Commissioner representing his

Government may submit his own separate version of the 'question' which has arisen between the Parties."

7.4 The Indian Commissioner gave the following reasons for his view:-

"(a) The word 'question' used in Article IX(1) actually refers to the substance of the point or points at issue, its phraseology or formulation being a subsequent step. The aim has, therefore, to be to frame the question in such a way that the underlying issue is expressed in clear and objective terms. If the Party wanting to bring the question before the Commission under Article IX(1), were to be the sole judge of the form in which the question is to be put, then it could lead to the position that the question might be so worded as to appear to prejudge the issue or to lay, by implication, the onus of default on the other Party. It could also happen that, in the opinion of the other Party, the 'question' does not even concern the interpretation or application of the Treaty, in which case it could not even be entertained under Article IX(1). Consequently, it is necessary that the Commission (the two Commissioners acting together) should itself formulate the question.

(b) Although Article IX(1) of the Treaty does not specifically provide that the Commission is to frame the questions, there is no doubt that Article VIII(10) of the Treaty which states that the Commission (meaning the two Commissioners together) will determine its own procedures, applies just as much to the discharge of the Commission's function under Article IX(1) as it does to the discharge of the Commission's other functions mentioned in Article VIII(1). The reference to Article IX(1) in Article VIII(10)(b) makes this position abundantly clear.

(c) As the two Commissioners together form the Commission, the Commission can proceed to discharge its function under Article IX(1) only when the two Commissioners are agreed between themselves as to what the issue is which has arisen between the Parties, which the Commission must examine and endeavour to resolve by agreement. The two Commissioners must, therefore, agree on the formulation of the 'questions' between

themselves bringing out the substance of the point or points at issue.

Failing this, the Commission may agree to let each Commissioner submit his separate version of the 'questions' for examination by the Commission.

(d) If the two Commissioners fail to agree on a joint formulation of the question, to be examined under Article IX(1), this should not necessarily mean that this question, as to how the 'questions' themselves should be framed, would have to be referred to a Neutral Expert or Special Negotiators/Court of Arbitration. Failing agreement on the joint formulation of the questions, the Commission (the two Commissioners together) can always decide on a question of procedure e.g., each Commissioner may frame his own questions for examination by the Commission and the Commission (meaning the two Commissioners together) may take up the questions as framed by the two Commissioners for examination in a particular order, for example, alternately or two together or in some other order mutually considered convenient in a particular case. It would thus be seen that a situation cannot arise when one of the Commissioners, by holding the view that a particular question cannot be examined under Article IX(1), can obstruct a Party from taking up the matter to the subsequent stages of Article IX."

8. - Issue No. (ii): Can the Commission examine under Article IX(1) a claim for financial compensation raised with respect to any question to be examined by it under the said Article?
If so, should the claim for compensation be raised at the time of the initial reference of the question to the Commission or should it be raised after the Commission has completed the examination of the basic question?

8.1 The Pakistan Commissioner held the view:-

"A claim for financial compensation could be raised, for examination under Article IX(1) of the Treaty with respect to a question referred to the Commission under the said Article."

8.2 He gave the following reasons in support of this view:-

"(a) The word 'application' used in Article IX(1) of the Treaty

is comprehensive enough to fully cover the raising of a question which includes a claim for compensation:

(b) A perusal of the scheme and language of Article IX clearly indicates that the intention of the two Parties was that, in the first instance, all questions relating to the interpretation, application etc. of the Treaty should be examined by the Commission, and it was only when the Commission was unable to resolve a particular question that resort should be had to the time consuming and expensive procedure of referring the question to a Neutral Expert or Special Negotiators and Court of Arbitration. It is precisely to achieve this purpose that Paragraph 1 of Article IX has been framed in broad terms:

(c) Paragraph 2 of Annexure F clearly shows that the Treaty contemplates that financial compensation may be claimed with respect to a question referred to the Commission for examination under Article IX(1) of the Treaty.

(d) The phrase 'financial compensation as may be claimed' in Paragraph 23 of Annexure G to the Treaty, read with Article IX of the Treaty, also indicates that the claim for financial compensation can be made before the stage of reference to the Court of Arbitration is reached and it could form a part of a question to be examined under Article IX(1) of the Treaty.

(e) As 'differences' to be referred to the Neutral Expert and 'disputes' to be referred to the 'Court of Arbitration' have to pass through an earlier stage where they are termed as 'questions', it is obvious that a claim for financial compensation which could be a part of a 'difference' or a 'dispute' should, when raised, also form a part of a question under Article IX(1).

8.3 The Indian Commissioner held the view:-

"A claim to financial compensation cannot be examined by the Commission under Article IX(1)".

8.4 He gave the following reasons for this view:-

"(a) The questions which could be examined by the Commission under Article IX(1) are only those concerning (i) the interpretation of the Treaty, (ii) the application of the Treaty and (iii) the existence of any fact which, if established, might constitute a breach of the Treaty. Since a question concerning a claim for financial compensation for an alleged breach of the Treaty does not fall within any of these three categories, the Commission was not competent to examine it under Article IX(1).

(b) The intention of the Parties to the Treaty must be gathered from the language of Article IX(1) which is quite explicit and unambiguous. It gives power to the Commission to examine and endeavour to resolve, by agreement only, the three categories of questions mentioned therein.

(c) A claim for financial compensation can only arise as a consequence of a breach of the Treaty, the establishment of which alone can be examined by the Commission.

(d) The Treaty itself does not contain any provisions relating to financial compensation on account of a breach of the Treaty. In the absence of any such provision in the Treaty the Commission could not be considered as 'applying' the Treaty, if it were to examine any question of financial compensation for an alleged breach of the Treaty and award financial compensation.

(e) There is no basis in any of the other provisions of the Treaty to suggest that the intention of the Parties was that the

- Commission shall examine questions relating to financial compensation. Where, for instance, the Parties intended to confer such power on the Court of Arbitration provided for under Article IX(5), they specifically conferred this power by Paragraph 23 of Annexure G to the Treaty. The language of Paragraph 23 of Annexure G also rightly brings out the fact that financial compensation can only be claimed as a 'relief' by either Party from the Court of Arbitration.

(f) Under Article IX(2), power has been conferred on the Neutral Expert, vide Annexure F Paragraph 2, to examine a claim for financial compensation raised with respect to any question specified in Paragraph 1 of Annexure F, only if the two Commissioners are agreed that it should be so referred. But this provision of Annexure F in Paragraph 2 can hardly be relied upon to support the proposition that the Commission itself can examine a claim for financial compensation under Article IX(1). Article IX(1) itself does not provide that the Commission can examine such a question and even if the provisions of Annexure F Paragraph 2 are relied upon to show that a question relating to a claim for financial compensation can be 'raised' by a Party, it still does not prove that the Commission (meaning the two Commissioners together) are competent to examine such a question which falls outside the three categories of questions mentioned in Article IX(1). In fact, the power to refer a question of financial compensation to a Neutral Expert, under Annexure F Paragraph 2, is a power conferred on the two Commissioners by the provisions of this paragraph but by its nature, it is distinct from the duty of the Commission under Article IX(1), which is limited to the examination of the three categories of questions mentioned therein.

(g) It is not correct to say that if a claim for financial compensation is not examined by the Commission under Article IX(1), it cannot be taken to the subsequent stages of Article IX."

9. Issue No.(iii): In the examination of a question under Article IX(1) of the Treaty should the Commission, as a single body, hear the Parties and/or consider the material submitted by the Parties, or should the two members of the Commission also simultaneously act as representatives of the Parties and argue the respective points of view of the Parties between themselves, or should the Commission follow some other procedure and, if so, what would be the appropriate procedure?

9.1 The Pakistan Commissioner held the view:-

"The Commission, as an independent body, while examining a question, can hear the Parties or act in any other way it deems fit".

9.2 He gave the following reasons in support of this view:-

"(a) The Commission as an independent body (see issue No.(iv) below) can examine a question under Article IX(1) of the Treaty in any manner it deems fit. Moreover, this being a procedural matter, and as Article VIII(10) of the Treaty provides that the Commission is to determine its own procedures, the Commission can hear the Parties or adopt any other appropriate procedure.

(b) The provision in Article VIII(1) that 'each Commissioner will be the representative of his Government for all matters arising out of this Treaty and will serve as the regular channel of communication on all matters relating to the implementation of the Treaty', would apply to all actions that a Commissioner, as such, might take on behalf of his Government. This does not prevent the Commission, sitting as a body, from hearing the views of the Parties separately. There is no prohibitory provision anywhere in the Treaty

~~to show that once a question has been referred to the Commission,~~
as a body, no other person could represent the views of the two Governments at the deliberations of the Commission".

9.3 The Indian Commissioner held the view .

"The Commission could not, as a single body, hear the Parties. The two Commissioners constituting the Commission, being the representatives of their individual Governments, have to argue the respective points of view of their Governments between themselves".

9.4 He gave the following reasons for his view:-

"(a) Article VIII of the Treaty, which deals with the setting up of the Permanent Indus Commission and the appointment of the Commissioner by each Government, clearly stipulates in Paragraph 1 itself that each Commissioner will be the representative of his Government for all matters arising out of the Treaty and will serve as the regular channel of communication on all matters relating to the implementation of the Treaty.

(b) Article VIII(2) of the Treaty provides that the duties and responsibilities of the two Commissioners towards their own Governments will be determined by their respective Governments. They cannot, therefore, expect to hear the two Governments and/or consider the material submitted by the two Governments as a single body, nor can they examine any questions except as representatives of their Governments.

(c) It is true that under Article VIII(10) of the Treaty, the Commission can determine its own procedures. But the question whether or not the Commission can hear the Parties as a single body, cannot be considered by the Commission as merely a question of its own procedure which the Commissioners acting together can determine on their own. The express provisions of Article

~~VIII(1)~~ which state that the Commissioners are the representatives of their Governments for all matters arising out of the Treaty and have to serve as a regular channel of communication on all matters relating to the implementation of the Treaty, excluding any possibility of the Commission determining, as a matter of procedure, that the Governments would appear before them through other representatives and/or submit material to the Commission as a single body through other representatives."

10. Issue No.(iv): Can the Commission, while examining and endeavouring to resolve a question under the provisions of Article IX(1), act independently of the Parties?

10.1 The Pakistan Commissioner held the view:-

"The Commission, while examining and endeavouring to resolve a question under the provisions of Article IX(1), acts as an independent body."

10.2 He gave the following reasons in support of this view:-

"(a) The scheme of things provided for in the Treaty as a whole and specifically the provisions relating to the Commission lead to the irresistible conclusion that the Commission has been constituted as a separate independent entity whose decisions regarding functions allocated to it are final and have to be carried out by the Parties. For example Article III(3) provides that each Party will establish such discharge observation stations or make such observations as may be considered necessary by the Commission.

(b) The provision in Article VIII(4) that one of the functions of the Commission will be to promote co-operation between the Parties also clearly shows that the Commission is separate from the Governments and has an independent entity of its own.

(c) The concept of agreement for the resolution of a

question under Article IX(1) does not mean that the Commission is not an independent body, but as it consists of only two members, it could resolve a question only by the agreement of the two members of the Commission and in no other way. If the members of the Commission were to act only as the representatives of the Parties and not independently while sitting in the Commission, then their failure to resolve a question under Article IX(1) would amount to a failure of the two Governments to resolve a question. In that case the provisions of Article IX(4), which contemplate the resolution of the disputes by the two Governments by agreement through negotiators, would not have been necessary. This is all the more so because the Commission has to examine under Article IX(1) all questions and not only those limited to the field of hydrology and water use.

(d) Article IX(1) gives a mandate to the Commission to 'endeavour to resolve the question by agreement', and, as long as agreement is reached, the powers of the Commission, i.e. of the two Commissioners as members of the Commission, are not limited in this behalf.

(e) The provision in Article VIII(1) that 'each Commissioner will be the representative of his Government for all matters arising out of this Treaty and will serve as the regular channel of communication on all matters relating to the implementation of the Treaty', would apply to all actions that a Commissioner might take on behalf of his Government. However, it does not mean that the Commission because its two members happen to be the Commissioners, cannot act independently in examining and resolving the questions under Article IX(1)."

10.3 The Indian Commissioner held the view:-

"While examining and endeavouring to resolve a question under Article IX(1), the Commission could not act independently of the

Parties. It had to endeavour to resolve the question arising between the Parties by agreement but such agreement must be the agreement of the two Commissioners as representatives of the two Parties and not an agreement between themselves, as individuals, independent of the Parties."

10.4 He gave the following reasons for his view:-

"(a) Nowhere in the Treaty is it stated that the Commission is to be an independent body or that the members of the Commission are to act independently of the Parties. On the contrary, Article VIII of the Treaty, which deals with the setting up of the 'Permanent Indus Commission' and the appointment of the Commissioner by each Government, clearly states in Paragraph 1 itself that each Commissioner will be the representative of his Government for all matters arising out of the Treaty and will serve as the regular channel of communication on all matters relating to the implementation of the Treaty.

(b) The provisions of Article VIII(4), which state that the purpose and functions of the Commission is to promote co-operation between the Parties, clearly show that the Commission is not an independent body, but the two Commissioners are only the representatives of their respective Governments. If the Commissioners, while acting as member of the Commission, were not the representatives of their Governments, it is difficult to see how they could promote co-operation between the Parties.

(c) It is not correct to say that the concept of agreement for the resolution of the questions has been used in Article IX(1) only because the Commission is a body consisting of two members. The words in Article IX(1), to the effect that the Commission

will 'endeavour to resolve the question by agreement', are indeed significant. They express clearly the intention of the Parties that under Article IX(1) the Commission is not to 'decide' the questions or 'adjudicate' on them or give its own findings on them as an independent body. The Parties intended that the Commission is to resolve the questions by agreement and such 'agreement' obviously refers to the agreement between the two Commissioners as representatives of their Governments.

(d) It is not correct to say that if the Commissioners are the representatives of the Governments for the purpose of examining the questions that may have arisen between the Parties under Article IX(1), the provisions of Article IX(4), which bring in the two Governments later are redundant. Article IX(4) gives a chance to the two Governments to resolve any dispute directly by agreement after the Commission has failed. Article IX(4) was obviously provided to afford an opportunity of reviewing the dispute between the two Governments at another level with a view to exploring a further possibility of reaching mutual accord on the issue in dispute.

Under Article VIII(1) the two Commissioners are persons who are ordinarily high ranking engineers competent in the field of hydrology and water use. While they would therefore be generally able to deal with such questions as may arise within their field, there may be other questions or other aspects of the same question arising between the Parties, which the Parties may like to deal with subsequently at a different level.

(e) Further, the wording of Article IX(4) supports the view that the Commission is not an independent body but the two Commissioners even while acting under Article IX(1) are representatives of the two Governments. Thus Article IX(4) provides that even when the Commission has not yet submitted its Report to the two Governments under Article IX(3), if either Government comes to the conclusion that the report is being unduly delayed in the Commission, it can invite the other Government to resolve the dispute by agreement. Such a provision could not have been there in Article IX(4) if the Commission were to be an independent body and the members of the Commission were not the representatives of the two Governments."

11. Issue No.(v): Can the Commission ask the Parties to supply data and any other information that may be needed for the examination of a question under Article IX(1) of the Treaty?

11.1 The Pakistan Commissioner held the view:-

"The Commission can ask the Parties to supply data and any other information that may be needed by it for the examination of a question under Article IX(1) of the Treaty."

11.2 He gave the following reasons in support of this view:-

(a) Article IX(1) requires the Commission to examine any question which arises between the Parties. As such, any information required by the Commission for such an examination has to be provided to the Commission by the Parties.

(b) The Parties, having entrusted the Commission with the task of examining the questions and endeavouring to resolve them by agreement, have to co-operate with the Commission and facilitate its work by producing the information that the Commission may need.

The work of the Commission is likely to be frustrated if this is not done."

11.3 The Indian Commissioner held the view:-

"The Commission cannot, as an independent body, ask the Parties to supply any data and/or information. Each Commissioner can only ask the other Commissioner for data in so far as the Party represented by the other Commissioner is obliged to provide such data by a specific provision of the Treaty and not otherwise."

11.4 He gave the following reasons for his view:-

"(a) Nowhere in the Treaty is the Commission, as such, authorised to demand or call for any data from the Parties.

(b) Under Article VIII(1) each Commissioner representing his Government serves as a regular channel of communication on all matters relating to the implementation of the Treaty, and, in particular, with respect, to the furnishing of data provided for in the Treaty e.g., under the specific provisions of Article VI and VII(2).

(c) If the intention of the Parties was that the Commission should act as an independent body, under Article IX(1), and be in a position to call for any data from the Parties considered by it to be relevant to the questions under examination, the whole scheme of Article VIII and IX would have been different. The Parties to the Treaty have not conferred such power on the Commission as they have specifically done on the Court of Arbitration under Paragraph 20 of Annexure G. 'This provision empowers the Court to 'have the right to require from the Agents of the Parties the production of all papers and other evidence it considers necessary and to demand all necessary explanations'. In the absence of a similar provision in

the Treaty, in respect of the Commission, and in the face of the clearly contrary intention of the Parties expressed in the wording of Article VIII(1)(a), it is not correct to presume that the Commission as such has any power under Article IX(1) to call for any data from the Parties other than that covered by the Treaty itself.

(d) Under the scheme of the Treaty, the obligation of the Parties to supply data to each other is a limited and defined obligation restricted to the specific provisions of the Treaty requiring them to do so, such as Article VI and VII(2). The Commissioners, under Article VIII(1), are required in such cases to act as the channel of communication between the Parties for the furnishing or exchange of data.

If, under Article IX(1), a Party were to be under an obligation to furnish any data not required by a specific provision of the Treaty, it would lead to a position where either Commissioner could take recourse to the machinery provided for settlement of differences under Article IX(1) merely to elicit data from the other Party which he could not have normally obtained under any other provision of the Treaty. This could not have been the intention of the Parties and hence it stands to reason that under Article IX(1) each Commissioner can only ask the other Commissioner for supply of data in so far as the Party represented by the other Commissioner is bound to provide such data under some specific provision of the Treaty."

Sd/-
(P.R. Ahuja)
Commissioner for Indus Waters
Government of India

Sd/-
(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for Indus Waters
Government of Pakistan

New Delhi,
March 31, 1967.

PERMANENT INDUS COMMISSION

ANNUAL REPORT

FOR

THE YEAR ENDED ON 31ST MARCH 1968

CONTENTS

1. Introductory
2. Meetings of the Commission
3. General Tours of Inspection
4. Special Tours of Inspection
- 5. Questions, Differences and Disputes under Article IX
6. General

ANNEXURE

Particulars of items discussed at the meetings of the Commission held during the year

APPENDICES

- A.1 Record of the Twentyfourth Meeting of the Commission
- A.2 Record of the Twentyfifth Meeting of the Commission
- A.3 Record of the Twentysixth Meeting of the Commission
- B.1 Record of the 28th Tour (First part of the Second General Tour of Inspection)
- B.2 Record of the 29th Tour (Second part of the Second General Tour of Inspection)
- C.1 Record of the 30th Tour (Special Tour of Inspection)
- C.2 Record of the 31st Tour (Special Tour of Inspection)

ANNUAL REPORT FOR THE YEAR ENDED
ON 31ST MARCH 1968

1. INTRODUCTORY

1.1 This is the Eighth Annual Report of the Permanent Indus Commission constituted in accordance with Article VIII(3) of THE INDUS WATERS TREATY 1960 and relates to the work of the Commission for the year ended on 31st March 1968.

1.2 During the year under report, the posts of the Commissioner for Indus Waters, Government of India, and the Commissioner for Indus Waters, Government of Pakistan, were held as follows:-

Commissioner for Indus Waters, Government of India

Shri P.R. Ahuja From 1.4.67 to 31.3.68

Commissioner for Indus Waters, Government of Pakistan

Mian Khalil-ur-Rahman, T.Pk. From 1.4.67 to 18.7.67
14.8.67 to 31.3.68

Syed Habib-ur-Rahman From 19.7.67 to 13.8.67

2. MEETINGS OF THE COMMISSION

2.1 During the year the Commission held three meetings, serially numbered as Twentyfourth, Twentyfifth and Twentysixth, in continuation of the twentythree meetings held during the previous years. These meetings were held alternately in Pakistan and India, at the places and on the dates given below:-

<u>Meeting</u>	<u>Venue</u>	<u>Dates</u>
Twentyfourth	Lahore	April 11-13, 1967
Twentyfifth	New Delhi	Sept. 13-19, 1967
Twentysixth	Islamabad	November 8-12, 1967

2.2 At these meetings, 7 items in all were discussed of which one item (Second General Tour of Inspection) is of a continuing nature. Of the remaining 6 items, 5 were disposed of during the year. The particulars regarding each item discussed at these meetings, including the position as on 31st March 1968, are given in the Annexure to this report.

2.3 Of the 5 items disposed of during the year, the decisions on 3 items (Serial Nos.1, 3 and 4) were taken by the Commission and on the other 2 items (Serial Nos.5 and 6) by the two Commissioners.

2.4 The question as to whether the discussions on the item at Serial No. 7 related to the Commission, or to the two Commissioners (as distinct from the Commission), or to both the Commission and the two Commissioners (as distinct from the Commission) remained under examination.

2.5 Copies of the Records of the Twentyfourth, Twentyfifth and Twentysixth Meetings are enclosed as Appendices A.1, A.2 and A.3 respectively.

3. GENERAL TOURS OF INSPECTION

3.1 According to Article VIII(4)(c) of the Treaty, the Commission is required 'to undertake, once in every five years, a general tour of inspection of the Rivers for ascertaining the facts connected with various developments and works on the Rivers'. The general tour of inspection to be undertaken during the 5-year period ending on 31st March 1970 is hereinafter called the 'Second General Tour'.

3.2 The Second General Tour is being undertaken in parts, of which two parts (First and Second) were undertaken in October 1967 and December 1967 respectively. During these, the Commission inspected certain reaches of The Chenab, The Jhelum, The Sutlej and The Beas.

3.3 Copies of the Records of the first and second parts of the second General Tour, numbered* as the 28th and 29th Tours of Inspection, are enclosed as Appendices B.1 and B.2.

4. SPECIAL TOURS OF INSPECTION

4.1 Under the provisions of Article VIII(4)(d) of the Treaty, the Commission is required 'to undertake promptly, at the request of either Commissioner, a tour of inspection of such works or sites on the Rivers as may be considered necessary by him for ascertaining the facts connected with those works or sites'.

In the Annual Reports of the Commission, such a tour has been referred to as a 'special tour of inspection' to distinguish it from the 'general tour of inspection' mentioned in Article VIII(4)(c) of the Treaty.

4.2 During the year under report, the Commission undertook two special tours of inspection bringing the total number of special tours undertaken so far to seventeen. Copies of the Records of these tours (serially numbered as the 30th and the 31st tours of inspection) are enclosed as Appendices C.1 and C.2.

* For the purpose of numbering the tours of inspection, each part of the general tour is treated as a separate tour. These parts along with the special tours are serially numbered in the order in which the tours are undertaken.

5. QUESTIONS, DIFFERENCES AND DISPUTES UNDER ARTICLE IX

5.1 Under the provisions of Article VIII(4)(b) of the Treaty, the Commission is required to make every effort to settle promptly, in accordance with the provisions of Article IX(1), any question which arises between the Parties concerning the interpretation or application of the Treaty or the existence of any fact which, if established, might constitute a breach of the Treaty.

5.2 During the year under report, the Commission took up, at its Twentyfifth Meeting, further examination of the questions concerning "Deliveries to Pakistan from Eastern Rivers during the period September 65 onwards". After deliberations, the Commission agreed that a stage had been reached for reporting the matter to the two Governments for appropriate action. However, due to the divergence in the views of the two Commissioners concerning the appropriate Article of the Treaty under which the report was to be submitted, the Commission was unable to submit a report to the two Governments.

6. GENERAL

The Commission is happy to record that, during the year under report, its work was marked by a spirit of good-will, understanding and co-operation.

Sd/-

(P.R. Ahuja) 23/4/68
Commissioner for Indus Waters,
Government of India.

Sd/--

(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

New Delhi,
23rd April 1968.

PARTICULARS OF ITEMS DISCUSSED AT THE MEETINGS OF THE COMMISSION HELD DURING THE YEAR

S.No.	Item discussed	Meeting at which discussed	Position as on 31st March 1968
1.	Preparation of the Annual Report for the year ended on 31st March 1967 (Article VIII(8))	Twentyfourth	The report was finalised and submitted to the Government of India and the Government of Pakistan on 13th April 1967.
2.	Second General Tour of Inspection (Article VIII(4)(c))	Twentyfourth, Twentyfifth and Twentysixth	This item covers the 5-year period which will end on 31st March 1970 and thus is of a continuing nature.
3.	Programme for the Meetings and Special Tours of Inspection of the Commission	Twentyfourth, Twentyfifth and Twentysixth	Disposed of
4.	Questions concerning deliveries to Pakistan from the Eastern Rivers during the period September 1965 onwards (Article IX(1))	Twentyfifth	
5.	Implementation of Paragraphs 11, 31 and 38 of Annexure H.	Twentysixth	Annexure H to the Treaty was amended by adding a new Part incorporating the 'Additional Provisions for <u>Rabi</u> 1967-68.
6.	Amendment of Paragraph 41 of Annexure H to the Treaty	Twentysixth	The first sentence of Paragraph 41 of Annexure H was amended.
7.	Measures for the recovery, and restoration to owners, of timber and other property (Article IV(11))	Twentysixth	To be discussed further.

PROCEEDS OF THE TWENTYFOURTH MEETING OF
THE PERMANENT INDUS COMMISSION HELD AT
LAHORE FROM 11TH TO 13TH APRIL 1967

PRESENT

PERMANENT INDUS COMMISSION

Shri P.R. Ahuja, Commissioner for Indus Waters, Government of India. Mian Khalil-ur-Rahman, T.Pk., Pakistan Commissioner for Indus Waters, Government of Pakistan.

ADVISERS TO COMMISSIONERS

- | | |
|--|--|
| 1. Shri B.K. Uppal, Deputy Secretary, Ministry of Irrigation and Power, Government of India. | 1. Sayyed Z.H. Jafri, Chief Engineer, Irrigation and Power Department, Government of West Pakistan. |
| 2. Shri K.L. Ahuja, Deputy Indus Commissioner, Government of India. | 2. Syed Habib-ur-Rahman, Director, Office of the Pakistan Commissioner for Indus Waters, Government of Pakistan. |
| | 3. Mr. Bashir Ahmad, Deputy Commissioner for Indus Waters, Government of Pakistan. |
| | 4. Mr. Z.A. Khan Burki, Executive Engineer, Irrigation and Power Department, Government of West Pakistan. |

The Commission held its 24th meeting at Lahore from 11th to 13th April 1967. At this meeting the Commission finalized its Annual Report for the year ended on 31st March 1967 and submitted it to the Government of India and the Government of Pakistan on 13th April 1967.

2. The Commission reviewed the programme for its future meetings and tours of inspection and agreed on the following schedule:-

Tours/meetings

Approximate schedule for commencement

- | | |
|---|-------------------------|
| (1) Special tour of inspection of Kasur Nala and its tributaries including its diversion into the Sutlej in Pakistan. | Last week of June, 1967 |
|---|-------------------------|

<u>Tours/meetings</u>	<u>Approximate schedule for commencement</u>
(ii) Special tour of inspection of Kasur Nala and its tributaries including its diversion into the Sutlej in India.	Last week of June, 1967.
(iii) 25th Meeting of the Commission.	First week of August, 1967.
(iv) First Part of the Second General Tour of Inspection.	Third week of September, 1967
(v) Second Part of the Second General Tour of Inspection.	Third week of October, 1967.

It was agreed that the programme of further meetings and tours of inspection (General as well as Special) for the year 1967-68 would be considered at the next meeting of the Commission.

Sd/-
(P.R. Ahuja)
Commissioner for Indus Waters,
Government of India.

Sd/-
(Khalil-ur-Rahman) T.Fk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Lahore,
13th April 1967.

Appendix - A.2

RECORD OF THE TWENTYFIFTH MEETING
OF THE PERMANENT INDUS COMMISSION
HELD AT NEW DELHI FROM 13TH TO 19TH
SEPTEMBER 1967.

PRESENT

PERMANENT INDUS COMMISSION

Shri P.R. Ahuja,
Commissioner for Indus Waters
Government of India.

Mian Khalil-ur-Rahman, T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

ADVISERS TO COMMISSIONERS

1. Shri V.S. Deshpande,
Joint Secretary and
Legal Adviser,
Ministry of Law,
Government of India.

1. Sayyed Z.H. Jafri,
Chief Engineer,
Irrigation and Power
Department, Government of
West Pakistan.

2. Dr. J.K. Malhotra,
Consultant,
Ministry of Irrigation &
Power,
Government of India.

2. Mr. M.A. Ameen,
Deputy Secretary,
Ministry of Law and
Parliamentary Affairs,
Government of Pakistan.

3. Shri B.K. Uppal,
Deputy Secretary,
Ministry of Irrigation &
Power,
Government of India.

3. Syed Habib-ur-Rahman,
Director,
Office of Pakistan Commission
for Indus Waters
Government of Pakistan.

4. Dr. S.P. Jagota,
Deputy Director,
Legal and Treaties Division,
Ministry of External Affairs,
Government of India.

The Commission held its 25th meeting at New Delhi from 13th to 19th September 1967. The Commission observed a minute's silence as a mark of respect to the memory of the late Shri K.L. Ahuja, who had been working as Deputy Indus Commissioner, Government of India, and breathed his last on 14th June 1967.

At this meeting the Commission reviewed the programme for its future meetings and tours of inspection and agreed on the following schedule:-

Tours/meetings

Approximate schedule for
commencement

- (1) First Part of the Second Third week of October, 1967.
 General Tour of Inspection.

<u>Tours/meetings</u>	<u>Approximate schedule for commencement</u>
(ii) Special tour of inspection of Kasur Nala and its tributaries including its diversion into the Sutlej in India.	Last week of June, 1967.
(iii) 25th Meeting of the Commission.	First week of August, 1967.
(iv) First Part of the Second General Tour of Inspection.	Third week of September, 1967.
(v) Second Part of the Second General Tour of Inspection.	Third week of October, 1967.

It was agreed that the programme of further meetings and tours of inspection (General as well as Special) for the year 1967-68 would be considered at the next meeting of the Commission.

Sd/-
(P.R. Ahuja)
Commissioner for Indus Waters,
Government of India.

Sd/-
(Khalil-ur-Rahman) T.Fk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Lahore,
13th April 1967.

Appendix - A.2

RECORD OF THE TWENTYFIFTH MEETING
OF THE PERMANENT INDUS COMMISSION
HELD AT NEW DELHI FROM 13TH TO 19TH
SEPTEMBER 1967.

PRESENT

PERMANENT INDUS COMMISSION

Shri P.R. Ahuja, Commissioner for Indus Waters Government of India. Mian Khalil-ur-Rahman, T.Pk., Pakistan Commissioner for Indus Waters, Government of Pakistan.

ADVISERS TO COMMISSIONERS

- | | |
|--|---|
| 1. Shri V.S. Deshpande, Joint Secretary and Legal Adviser, Ministry of Law, Government of India. | 1. Sayyed Z.H. Jafri, Chief Engineer, Irrigation and Power Department, Government of West Pakistan. |
| 2. Dr. J.K. Malhotra, Consultant, Ministry of Irrigation & Power, Government of India. | 2. Mr. M.A. Ameen, Deputy Secretary, Ministry of Law and Parliamentary Affairs, Government of Pakistan. |
| 3. Shri B.K. Uppal, Deputy Secretary, Ministry of Irrigation & Power, Government of India. | 3. Syed Habib-ur-Rahman, Director, Office of Pakistan Commissioner for Indus Waters Government of Pakistan. |
| 4. Dr. S.P. Jagota, Deputy Director, Legal and Treaties Division, Ministry of External Affairs, Government of India. | |

The Commission held its 25th meeting at New Delhi from 13th to 19th September 1967. The Commission observed a minute's silence as a mark of respect to the memory of the late Shri K.L. Ahuja, who had been working as Deputy Indus Commissioner, Government of India, and breathed his last on 14th June 1967.

At this meeting the Commission reviewed the programme for its future meetings and tours of inspection and agreed on the following schedule:-

Tours/meetings

Approximate schedule for commencement

- (1) First Part of the Second General Tour of Inspection. Third week of October, 1967.

- (ii) Second Part of the Second General Tour of Inspection. Third week of November, 1967.
- (iii) Special tour of inspection of Kasur Nala and its tributaries including its diversion into the Sutlej in Pakistan. Second week of January, 1968.
- (iv) Special tour of inspection of Kasur Nala and its tributaries including its diversion into the Sutlej in India. Second week of January, 1968.
- (v) 26th Meeting of the Commission. Second week of February, 1968

It was agreed that the programme of further meetings and tours of inspection would be considered at the next meeting of the Commission.

3. As agreed at its Twentythird Meeting, the Commission took up further examination of the questions concerning "Deliveries to Pakistan from the Eastern Rivers during the period September 1965 onwards", mentioned in Paragraph 3 of the Record of the Twentyfirst Meeting.

The Indian Commissioner expressed the view that examination of these questions would not be fruitful until the five issues in dispute concerning Article IX(1) of the Indus Waters Treaty 1960, already reported to the Government of India and to the Government of Pakistan vide Commission's Report dated 31st March 1967, were settled. The Pakistan Commissioner on the other hand, held that the questions concerning deliveries to Pakistan could be further examined without the necessity of awaiting the settlement of the five disputes. The Indian Commissioner, however, felt that since this was the first occasion that questions under Article IX(1) of the Treaty had come up for examination before the Commission, the questions could be examined only after the five disputes were resolved. The Pakistan Commissioner did not agree with the Indian Commissioner's point of view.

The Pakistan Commissioner was of the opinion that, as the Commission was unable to resolve this divergence in views, the Commission had failed in its endeavour to resolve these questions by agreement and, since none of these questions fell within the provisions of Part 1 of Annexure F to the Treaty, these would have to be treated as disputes under the provisions of Article IX(2)(b) of the Treaty. The Indian Commissioner was, however, of the view that, since the Commission had not so far examined the merits of these questions, no dispute could be said to have arisen on these at this stage under Article IX(2)(b) of the Treaty.

The Commission, however, agreed that a stage had been reached for reporting the matter to the two Governments for appropriate action. The Pakistan Commissioner held the view that, as the Commission was unable to resolve the questions by agreement, these had become disputes and therefore, an report had to be submitted under Article IX(3) of the Treaty. The Indian Commissioner held the view that, no dispute having yet arisen, such a report could not be made under Article IX(3) of the Treaty, but the matter could be reported under Article VIII(8) thereof. This was not acceptable to the Pakistan Commissioner.

Due to the divergence in views mentioned above, the Commission was unable to submit a report to the two Governments.

Sd/-
(P.R. Ahuja)
Commissioner for Indus Waters,
Government of India.

Sd/-
(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

NEW DELHI,
19th September, 1967.

- | | |
|---|--------------------------------|
| (ii) Second Part of the Second General Tour of Inspection. | Third week of November, 1967. |
| (iii) Special tour of inspection of Kasur Nala and its tributaries including its diversion into the Sutlej in Pakistan. | Second week of January, 1968. |
| (iv) Special tour of inspection of Kasur Nala and its tributaries including its diversion into the Sutlej in India. | Second week of January, 1968. |
| (v) 26th Meeting of the Commission. | Second week of February, 1968. |

It was agreed that the programme of further meetings and tours of inspection would be considered at the next meeting of the Commission.

3. As agreed at its Twentythird Meeting, the Commission took up further examination of the questions concerning "Deliveries to Pakistan from the Eastern Rivers during the period September 1965 onwards", mentioned in Paragraph 3 of the Record of the Twentyfirst Meeting.

The Indian Commissioner expressed the view that examination of these questions would not be fruitful until the five issues in dispute concerning Article IX(1) of the Indus Waters Treaty 1960, already reported to the Government of India and to the Government of Pakistan vide Commission's Report dated 31st March 1967, were settled. The Pakistan Commissioner, on the other hand, held that the questions concerning deliveries to Pakistan could be further examined without the necessity of awaiting the settlement of the five disputes. The Indian Commissioner, however, felt that since this was the first occasion that questions under Article IX(1) of the Treaty had come up for examination before the Commission, the questions could be examined only after the five disputes were resolved. The Pakistan Commissioner did not agree with the Indian Commissioner's point of view.

The Pakistan Commissioner was of the opinion that, as the Commission was unable to resolve this divergence in views, the Commission had failed in its endeavour to resolve these questions by agreement and, since none of these questions fell within the provisions of Part 1 of Annexure F to the Treaty, these would have to be treated as disputes under the provisions of Article IX(2)(b) of the Treaty. The Indian Commissioner was, however, of the view that, since the Commission had not so far examined the merits of these questions, no dispute could be said to have arisen on these at this stage under Article IX(2)(b) of the Treaty.

The Commission, however, agreed that a stage had been reached for reporting the matter to the two Governments for appropriate action. The Pakistan Commissioner held the view that, as the Commission was unable to resolve the questions by agreement, these had become disputes and therefore, an report had to be submitted under Article IX(3) of the Treaty. The Indian Commissioner held the view that, no dispute having yet arisen, such a report could not be made under Article IX(3) of the Treaty, but the matter could be reported under Article VIII(8) thereof. This was not acceptable to the Pakistan Commissioner.

Due to the divergence in views mentioned above, the Commission was unable to submit a report to the two Governments.

Sd/-
(P.R. Ahuja)
Commissioner for Indus Waters,
Government of India.

Sd/-
(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

NEW DELHI,
19th September, 1967.

RECORD OF THE TWENTYSIXTH MEETING OF
THE PERMANENT INDUS COMMISSION HELD AT
ISLAMABAD FROM 8TH TO 13TH NOVEMBER 1967

PRESENTPERMANENT INDUS COMMISSION

Shri P.R. Ahuja,
Commissioner for Indus Waters,
Government of India.

Mian Khalil-ur-Rahman, T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

ADVISERS TO COMMISSIONERS

1. Dr. J.K. Malhotra,
Consultant,
Ministry of Irrigation
and Power,
Government of India.

1. Sayyed Z.H. Jafri,
Chief Engineer,
Irrigation and Power
Department, Government of
West Pakistan.

2. Shri D.V. Gulati,
Deputy Director,
Ministry of Irrigation
and Power,
Government of India.

2. Syed Habib-ur-Pahman,
Director,
Office of the Pakistan
Commissioner for Indus Waters,
Government of Pakistan.

3. Mr. Abdul Rahim,
Assistant Commissioner
for Indus Waters,
Government of Pakistan.

The Commission held its 26th meeting at Islamabad from to 13th November 1967. At this meeting, the Commission reviewed the programme for its future meetings and tours of inspection and agreed on the following schedule:-

<u>Tours/Meetings</u>	<u>Approximate schedule for commencement</u>
-----------------------	--

(i) Second Part of the Second General Tour of Inspection	Third week of December, 1967.
--	-------------------------------

(ii) Special tour of inspection of Kasur Nala and its tributaries including its diversion into the Sutlej in Pakistan.	Second week of January, 1968.
--	-------------------------------

(iii) Special tour of inspection of Kasur Nala and its tributaries including its diversion into the Sutlej in India.	Second week of January, 1968.
--	-------------------------------

<u>Tour/meetings</u>	<u>Approximate schedule for commencement</u>
(iv) 27th Meeting of the Commission.	Second week of February, 1968.

It was agreed that the programme of further meetings and tours of inspection would be considered at the next meeting of the Commission.

2. The two Commissioners discussed the following items:-

(i) Implementation of Paragraphs 11, 31 and 38 of Annexure H

In pursuance of the notification received from the World Bank, on 26th October, 1967, that the part of system of works referred to in Article IV (1) of the Indus Waters Treaty 1960 was ready to provide additional supplies during September 11-30 and rabi, over and above the replacements in these periods specifically provided for in Parts 2 to 5 of Annexure H to the Treaty, the two commissioners met and discussed the modifications to be made in Annexure H; under the provisions of Paragraphs 11, 31 and 38 of the said Annexure. The two Commissioners agreed that, in the first instance, Annexure H should be amended for rabi 1967-68 only and accordingly decided to add a new Part in Annexure H, after Part 11, as follows:-

PART 12 - Additional Provisions for Rabi 1967-68

77. Subject to the provisions of Paragraph 78, India agrees to deliver at Ferozapore for use by the Pakistan Sutlej Valley Canals, the following minimum supplies during each of the Water-accounting Periods from November 21-30 to March 21-31:-

- | | |
|---|--|
| (a) November 21-30 to
December 21-31 | 71.5 per cent of the
'Beas Component at
Ferozepore'. |
| (b) January 1-10 to
March 21-31 | 67 per cent of the
'Beas Component at
Ferozepore'. |

78. If, during any Water-accounting Period from November 21 - 30 to March 21-31, the aggregate of (a) and (b) below exceeds 10,000 cusecs, the deliveries due to be made under the provisions of Paragraphs 77 may be reduced by the amount of such excess over 10,000 cusecs.

- (a) Deliveries due to Pakistan under the provisions of Paragraph 77.
- (b) The difference between 79 per cent of the 'Beas Component at Ferozepore' and the deliveries due to Pakistan under the provisions of Paragraph 77.

79. If, in any Water-accounting Period from November 21-30 to March 21-31, the sum of (a) and (b) below exceeds 10,000 cusecs, then there will be no carry-over from any such period to the next period.

- (a) The supply at Ferozepore Below.
- (b) The difference between 79% of the 'Beas Component at Ferozepore' and the deliveries due to Pakistan under the provisions of Paragraph 77.

80. The provisions of Paragraphs 34, 35, 36, 37 and 46(aa) shall not be applicable during the Water-accounting Periods from November 21-30 to March 21-31.

(ii) Amendment of Paragraph 41 of Annexure H

The two Commissioners agreed to amend the first sentence of Paragraph 41 of Annexure H to read as follows:-

An account of the distribution of waters, as at Ferozepore, under the provisions of Parts 3, 4, 5,

11 and 12 of this Annexure will be maintained by each Commissioner in accordance with the provisions of Paragraphs 42 -46, and appropriate Forms will be used, both for Phase I and Phase II, in order to facilitate, and to provide a record of, the distribution of waters in accordance with the provisions of this Annexure.

(iii) Measures for the recovery, and restoration to owners, of Timber and other property (Article IV(11))

The Indian Commissioner requested that the timber already recovered in Pakistan may be disposed of on the same terms and conditions already agreed to for the disposal of timber recovered in Pakistan during the year ended on 31st March, 1965. The Pakistan Commissioner agreed to consider the matter sympathetically and stressed the need for the early finalization of the appropriate measures to be adopted under Article IV(11).

3. The two Commissioners agreed to take appropriate action, in regard to paragraphs 2(i) and 2(ii) above, towards an exchange of letters between the two Governments under the provisions of Paragraph C7 of Annexure H.

4. The two Commissioners agreed to discuss at a subsequent meeting further modifications to be made in the provisions of Parts 2 to 5 of Annexure H, for September 11-30 and rabi of the year 1968-69.

Sd/- P.R. Ahuja
Commissioner for Indus Waters,
Government of India.

Sd/- Khalil-ur-Rehman T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

Islamabad,
13th November, 1967.

RECORD OF THE TWENTYEIGHTH TOUR OF INSPECTION
BY THE PERMANENT INDUS COMMISSION UNDERTAKEN
FROM 20TH TO 26TH OCTOBER 1967 AS THE FIRST
PART OF THE SECOND GENERAL TOUR OF INSPECTION
UNDER ARTICLE VIII(4)(c) OF THE INDUS WATERS
TREATY 1960.

The Commission undertook the first part of the Second General Tour of Inspection, under Article VIII(4)(c) of the Treaty, from 20th to 26th October 1967 and inspected the following on The Chenab and The Jhelum:-

<u>S.No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
1.	Qadirabad Barrage including:-	
	i) The head regulator of Qadirabad Balloki Link.	
	ii) The Left Marginal Bund from R.D. Zero to R.D. 65,000 with the following spurs:-	
	a) Spur at about R.D. 13,000 of Left Marginal Bund from R.D. Zero to R.D. 6000.	
	b) Spur at about R.D. 28,000 of Left Marginal Bund from R.D. Zero to 1000.	
	c) Spur at about R.D. 45,000 of Left Marginal Bund from R.D. Zero to 1300.	21.10.1967.
2.	Khanki Headworks including:-	
	i) Main and subsidiary head regulators of Lower Chenab Canal.	
	ii) Left Marginal Bund from R.D. Zero to R.D. 21,000	
	iii) Spur at the end of downstream Left Guide Bund.	
	iv) Palkhu Spur at R.D. 6,000 of Left Marginal Bund from R.D. Zero to 2,665.	21.10.1967.

<u>S.No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
3.	The Right Marginal Bund of Qadirabad Barrage from R.D. Zero to R.D.106,000 including:- i) Spur at about R.D.14,000 of Right Marginal Bund from R.D. Zero to R.D. 4000. ii) Spur at about R.D. 21,000 of Right Marginal Bund from R.D. Zero to R.D. 1000. iii) Spur at about R.D. 26,000 of Right Marginal Bund from R.D. Zero to R.D. 1000. iv) Spur at about R.D. 42,000 of Right Marginal Bund from R.D. Zero to R.D. 3000.	22.10.1967.
4.	Tail regulator of Rasul Qadirabad Link.	22.10.1967.
5.	Right upstream Bells Bund with Spur of Khanki Headworks from P.D. Zero to R.D. 9000.	22.10.1967.
6.	Spur at the end of Downstream Right Guide Bund of Khanki Headworks.	22.10.1967
7.	The Right Retired Embankment of Khanki Headworks from R.D. Zero to R.D. 33,000 including:- i) Spur at about R.D. 11,000 of Right Retired Embankment from R.D. Zero to R.D. 11,500. ii) Spur at about R.D. 15,500 of Right Retired Embankment including its lower arm from R.D. Zero to R.D. 13,000 and its upper arm 3000 feet long. iii) Spur at about R.D. 22900 of Right Retired Embankment including its upper arm from R.D. Zero to R.D. 12,500 and its lower arm 200 feet long. iv) Spur at R.D. 25,800 of Right Retired Embankment from R.D. Zero to R.D. 3,242.	22.10.1967.

S.No.	Rivers and Works Inspected	Date or dates on which inspected
8.	Out-fall of Upper Jhelum Canal	22.10.1967.
9.	Upper Jhelum Canal outfall Spur from R.D. Zero to R.D. 8,000 along with three subsidiary Spurs.	22.10.1967.
10.	Chenab Main and its tributaries, to the extent visible from the works listed in items (1) to (9).	21.10.1967. and 22.10.1967.
11.	New Rasul Barrage (under construction) including:- i) Head Regulator of Lower Jhelum Canal Feeder. ii) Head Regulator of Rasul-Qadirabad Link.	23.10.1967..
12.	The Left Marginal Bund of New Rasul Barrage from R.D. Zero to R.D. 13,500.	23.10.1967.
13.	Rasul Headworks (old) including:- i) Head Regulator of Lower Jhelum Canal. ii) T-Spur from R.D. Zero to R.D. 1900, downstream of Rasul Headworks on the left side. iii) T-Spur from R.D. Zero to R.D. 3,300 downstream of Rasul Headworks on the right side. iv) Closure Bund on the right side from R.D. Zero to R.D. 4,400.	23.10.1967.
14.	Jhelum Main and its tributaries, to the extent visible from the works listed in items (11) to (13) and from the Road along Upper Jhelum Canal from R.D. 242,000 to R.D. 150,000.	23.10.1967.
15.	Mangla Dam including:- i) Power House. ii) Sukhian Dyke R.D. Zero to R.D.17,000. iii) The subsidiary Jari Dam	24.10.1967.
16.	Head Regulator of Upper Jhelum Canal.	24.10.1967.

<u>S.No.</u>	<u>Rivers and Works Inspected</u>	<u>Date or dates on which inspected</u>
17.	Jhelum Main and its tributaries to the extent visible from works listed in items (15) & (16).	24.10.1967.
18.	Jhelum Main and its tributaries to the extent visible from the Mangla-Dina Road.	25.10.1967.
2.	The following advisers accompanied the Commissioners:-	

India

1. Shri B.R. Palta
2. Shri D.V. Gulati

Sd/-

(P.R. Ahuja)
Commissioner for Indus
Waters,
Government of India.

Pakistan

1. Sayyed Z.H. Jafri
2. Syed Habib-ur-Rahman

Sd/-

(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for Indus
Waters,
Government of Pakistan.

Lahore,
26th October, 1967.

RECORD OF THE TWENTYNINTH TOUR OF INSPECTION
BY THE PERMANENT INDUS COMMISSION UNDERTAKEN
FROM 17TH TO 22ND DECEMBER 1967 AS THE SECOND
PART OF THE SECOND GENERAL TOUR OF INSPECTION
UNDER ARTICLE VIII(4)(c) OF THE INDUS WATERS
TREATY 1960.

The Commission undertook the second part of the Second General Tour of Inspection, under Article VIII(4)(c) of the Treaty, from 17th to 22nd December 1967 and inspected the following works on The Sutlej and The Beas:-

<u>S.No.</u>	<u>Rivers & Works inspected</u>	<u>Date or dates on which inspected</u>
1.	2 R Bund from R.D. Zero to R.D. 17,000 and 4 L Bund from R.D. Zero to R.D. 16,000 along the Sutlej Main below Phillaur Bridge.	18.12.67.
2.	Left Flood Protection Bund downstream of Dhilwan from R.D. Zero to R.D. 20,000 and Left Flood Protection Bund upstream of Dhilwan from R.D. 6000 to R.D. 79,000 along the Beas Main.	19.12.67
3.	Bein Bund on the left side of the Beas Main from R.D. Zero to R.D. 71,000 including the Earthen Spur at R.D. 19,120 of the Bein Bund from R.D. Zero to R.D. 865.	19.12.67
4.	Beas Dam at Pong (under construction)	20.12.67
5.	Bhakra Dam including:- (i) Power House on the left bank (ii) Power House on the Right bank (under construction)	21.12.67
6.	Mangal Dam including the head regulator of Mangal Hydel Channel.	21.12.67
7.	Rupar Headworks including the head regulators of Sirhind and Bist Doab Canals.	22.12.67
8.	1 L Bund from R.D. Zero to R.D. 16,000 along the Sutlej Main below Rupar Headworks.	22.12.67

(from pre-page)

The following advisers accompanied the Commissioners:-

I N D I A

1. Shri B.R. Palta
20.12.67 and 21.12.67

Shri V.P. Dugral
17.12.67 to 19.12.67 and
22.12.67

2. Shri B.K.S. Mathur

P A K I S T A N

1. Mr. S.S. Kirmani
S.I., S.O.A.

2. Syed Habib-ur-Rahman.

Sd/-
(P.R. Ahuja)
Commissioner for Indus Waters,
Government of India,
22.12.67.

Sd/-
(Khalil-ur-Rahman) T.Pk.,
Pakistan Commissioner for Indus
Waters, Government of Pakist

Lachmans,
22nd December, 1967.

RECORD OF THE THIRTIETH TOUR OF INSPECTION BY THE PERMANENT INDUS COMMISSION UNDERTAKEN FROM 8TH TO 10TH FEBRUARY, 1968.

The Permanent Indus Commission undertook a tour of inspection in Pakistan from 8th to 10th February, 1968, and inspected the following:-

<u>S.No.</u>	<u>Name of the Channel inspected.</u>	<u>Date, or dates on which inspected.</u>
1.	Kasur Nala Diversion from its outfall into Sutlej River to its off-take from Kasur Nala.	8.2.1968
2.	Kasur Nala from Indo-Pakistan border (R.D. 10,000) to the off-take of diversion channel (R.D. Zero).	10.2.1968

2. This tour of inspection was undertaken at the request of the Commissioner for Indus Waters, Government of India, under Article (VIII.4) (a) of the Treaty.

3. During this tour of inspection the two Commissioners were accompanied by the following advisers:-

<u>India</u>	<u>Pakistan</u>
1. Shri B.S. Dina	1. Sayyed Z.H. Jafri on 8.2.68
2. Shri C.P. Chadha.	2. Syed Habib-ur-Rahman.
	3. Mr. Z.A. Khan Burki on 10.2.68

Sd/-
P.R. Ahuja, 10/2/68
Commissioner for Indus Waters,
Government of India.

Sd/-
Khalil-ur-Rahman, T.Pk.,
Pakistan Commissioner for
Indus Waters,
Government of Pakistan.

3.
Kasur,
10th February, 1968.

RECORD OF THE THIRTYFIRST TOUR OF
INSPECTION BY THE PERMANENT INDUS
COMMISSION UNDERTAKEN FROM 10TH TO
16TH FEBRUARY 1968.

The Permanent Indus Commission undertook a tour of inspection of Kasur Drainage System in India from 10th to 16th February 1968 and inspected the following :-

<u>S.No.</u>	<u>Name of the channel inspected</u>	<u>Date on which inspected</u>
1.	Kasur Nala from R.D. 192,000 to R.D. 55,000	11.2.68
2.	Muradpur Drain from its source at R.D. 23,667 to R.D. 21,000 and to the extent visible from R.D. 14,000, R.D. 13,000, R.D. 5,500 and R.D. Zero.	11.2.68
3.	Sanghe Drain from its source at R.D. 5,835 to its outfall into Muradpur Drain.	11.2.68
4.	Shahbazpur Drain from its source at R.D. 18,180 to its outfall into Kasur Nala.	11.2.68
5.	Kasur Nala from R.D. Zero to R.D. 28,000.	12.2.68
6.	Valtoha Drain from its outfall into the Sutlej Main (R.D. Zero) to R.D. 46,500 (its offtake from Kasur Nala)	12.2.68
7.	Kairon Drain from its source at R.D. 86,575 to its outfall into Kasur Nala.	12.2.68
8.	Doda Drain from its source at R.D. 70,000 to its outfall into Kasur Nala.	13.2.68
9.	Sohal Drain from R.D. Zero to R.D. 7,000, R.D. 14,000 to R.D. 20,000, R.D. 28,000 to R.D. 33,000 and R.D. 52,000 to R.D. 60,500.	14.2.68
10.	Jhabal Drain from R.D. 8,000 to R.D. 15,000, R.D. 17,000 to R.D. 50,000 and R.D. 52,000 to R.D. 53,000.	14.2.68
11.	Panjwar Drain from R.D. 20,000 to R.D. 35,500, at its outfall and R.D. 1,585.	14.2.68
12.	Kasur Nala from R.D. 30,000 to R.D. 55,000.	14.2.68

13. Kasur Nala from R.D. 27,777 to R.D. 290,777. 15.2.68
14. Devi Daspura Drain from R.D. 17,777 to R.D. 28,777 and R.D. 35,777 to R.D. 58,777 and at its outfall. 15.2,68
15. Outfall of Vallah Drain. 15.2.68

2. During this tour of inspection, the Commission also inspected all those tributary drains (except the three listed in paragraph 3 below) which, according to the Indian Commissioner, had been constructed by agencies other than the Irrigation Department and in respect of which, according to him, no record was available. These tributary drains are listed below. The information given in columns 2 to 6 below is as collected by the local officers for the purpose of this tour of inspection, and the bed widths in column 7 are as they appeared to exist at site during the inspection. These tributary drains were inspected to the extent visible from their outfalls into their parent channels.

S.No.	Villages served by the drain.	Parent Channel into which the tributary drain outfalls.			Approx. length of the tributary drain in feet	Approx. bed width near the outfall in feet	Date of inspection
		Name	Side R/L	Approx. R.D.			
1	2	3	4	5	6	7	8
1.	Bhagwanpur	Kasur Nala	L	75-76	2777	5	11.2.68
2.	Mari Gose	-do-	L	84-85	1577	5	11.2.68
3.	Chela	-do-	R	84-85	13777 with tributary of 2277'	5	11.2.68

....3/-

1	2	3	4	5	6	7	8
4.	Surwind	Kasur Nala	L	100-101	13000	5	11.2.68
5.	Padiri	-do-	R	122-123	6200	5	11.2.68
6.	Bhanni Muttoan	-do-	R	150-151	5000	4	11.2.68
7.	Jai Balla	-do-	R	151-152	2000	4	11.2.68
8.	Tarn Taran	-do-	L	198-199	1000	4	11.2.68
9.	Tarn Taran	-do-	L	199-200	2000	2	11.2.68
			D/S Bridge				
10.	Tarn Taran	-do-	L	199-200	2000	3	11.2.68
			U/S Bridge				
11.	Tarn Taran	-do-	R	199-200	3000	2	11.2.68
			U/S Bridge				
12.	Tarn Taran	Muradpur Drain	R	13-14	1000	3	11.2.68
13.	Muradpur	-do-	R	20-21	2000	4	11.2.68
14.	Kamalpur	Shahbazpur Drain	R	6-7	900	3	11.2.68
15.	Glalipur	-do-	L	8-9	900	3	11.2.68
16.	Shahbazpur	-do-	L	13	2000	3	11.2.68
17.	Gopala	-do-	Source	18180	4000	3	11.2.68
			of drain				
18.	Kacha Pacca	Kairon Drain	R	25-26	8000	5	12.2.68
19.	Manakpura	-do-	L	37-38	15000	5	12.2.68
20.	Bahmaniwala	-do-	R	64-65	8000	3	12.2.68
21.	Nathu Chak	-do-	R	75-76	2000	5	12.2.68
22.	Rajoke	Doda Drain	R	8-9	1000	3	13.2.68
23.	Rajoke	-do-	R	10-11	2000	1	13.2.68
24.	Rajoke	-do-	L	10-11	11000	5	13.2.68

1	2	3	4	5	6	7	8
25.	Rajoke	Dole Drain	L	11-12	100	3	13.2.68
26.	Dal	-do-	R	42-43	15000	5	13.2.68
27.	Daleri	-do-	L	42-43	2500	5	13.2.68
28.	Aminshah	-do-	Source of drain	70	2500	5	13.2.68
29.	Mama	Jhabal Drain	R	10-11	800	3	14.2.68
30.	Chhrawal	-do-	R	17-18	700	3	14.2.68
31.	Gaggobana	-do-	L	19-20	800	5	14.2.68
32.	Chabal	-do-	R D/S Bridge	31-32	900	3	14.2.68
33.	Chabal	-do-	R U/S Bridge	31-32	3000	3	14.2.68
34.	Chabal	-do-	L D/S Bridge	31-32	1900	3	14.2.68
35.	Chabal	-do-	L U/S Bridge	31-32	4000	3	14.2.68
36.	Thathi	-do-	R	31-35	3500	4	14.2.68
37.	Thathi	-do-	R	37-38	1000	3	14.2.68
38.	Thathi	-do-	R	43-44	1000	3	14.2.68
39.	Thathi	-do-	L	44-45	10000	5	14.2.68
40.	Thathi	-do-	R	50-51	1000	3	14.2.68
41.	Thatta	-do-	R	51-52	19000	5	14.2.68
42.	Kherdin	-do-	L	52-53	13000	5	14.2.68
43.	Chabal	-do-	L	52-53	2000	3	14.2.68
44.	Majjupur	Panjwar Drain	R	20-21	11000	3	14.2.68
45.	Panjwar	-do-	R	21-22	1000	3	14.2.68
46.	Pahuwind	Sohal Drain	R	4-5	11000	5	14.2.68
47.	Singpur	-do-	R	19-20	1000	3	14.2.68

1	2	3	4	5	6	7	8
48.	Sur Singh	Sohal Drain	L	19-20	17800	5	14.2.68
49.	Fatewal	-do-	R	28-29	6000	3	14.2.68
50.	Sur Singh	-do-	L	28-29	1000	2	14.2.68
51.	Bhuchar Kalan	-do-	L	52-53	2000	3	14.2.68
52.	Sohal	-do-	L	60500	1000	3	14.2.68
53.	Chaoa	-do-	L	60500	18000	5	14.2.68
54.	Algon	Kasur Nala	L	61-62	2000	5	14.2.68
55.	Tarn Taran	-do-	R	200-201	1000	3	15.2.68
56.	Tarn Taran	-do-	L	202-203	2000	4	15.2.68
57.	Vanchori	-do-	R	229-230	1200	3	15.2.68
58.	Bandala Gunowal	-do-	L	244-245	15000	5	15.2.68
59.	Jhite	-do-	L	253-254	2000	4	15.2.68
60.	Raipur	-do-	L	289-290	13500	5	15.2.68
61.	Gilwal	Jhabal Drain	R	85-86	6000	5	15.2.68
62.	Verpal	-do-	R	95-96	15000	5	15.2.68
63.	Jandiala	Devidaspura Drain	L	11-12	5000 with a tributary of 3250 ft.	5	15.2.68
64.	Devidaspura	-do-	L	22-23	1000	5	15.2.68
65.	Dhirkot	-do-	L	27-28	2000	5	15.2.68
66.	Vadaljohal	-do-	R	26-27	7250	5	15.2.68
67.	Akalgarh	-do-	R	28-29	20000	5	15.2.68

3. The following three tributary drains which, according to the Indian Commissioner, exist at site, were not inspected by the Commission :-

.....6/-

S.No.	Villages served by the drain.	Parent channel into which the tributary drain outfalls		Approx. length of the tributary drain in feet.	Approx. bed width near the outfall in feet.	
		Name	Side R/L			Approx. R.D.
1.	Madhor Muthra	Kasur Nala	R	42-43	5000	5
2.	Chak Bhambu	-do-	R	42-43	5000	5
3.	Noordin	Panjwar Drain	Source		8000	5

4. As authorised by the Commission the inspection of item Nos. 1 and 12 of paragraph 1 above and item Nos. 14 to 21 and 54 of paragraph 2 above was carried out on its behalf by the advisers.

5. During this tour of inspection the Commission also inspected Mari Mega drain (formerly a tributary of Kasur Nala but presently being converted into a drain-cum-escape with a syphon crossing at R.D. 55,000 of Kasur Nala and outfalling into Valtoha drain) at the following points :-

	<u>Site inspected</u>	<u>Date of inspection.</u>
1.	Syphon crossing at R.D. 55000 of Kasur Nala	11.2.1968
2.	Outfall at R.D. 46,500 of Valtoha drain	12.2.1968
3.	At R.D. 72,000	13.2.1968
4.	At the site of Head Regulator (under construction) at R.D. 188,000 of Main Branch Lower	13.2.1968

6. This tour of inspection was undertaken at the request of the Pakistan Commissioner for Indus Waters under article VIII(4) (d) of the Treaty.

7. During this tour of inspection, the two Commissioners were

.....7/-

accompanied by the following advisers :-

INDIA

1. Shri B.S. Dina
from 10-2-68 to
14-2-68
Shri V.P. Duggal
on 15.2.68 & 16.2.68
2. Shri O.P. Chadha
on 10.2.68 and 11.2.68
Shri B.K.S. Mathur
from 12.2.68 to 16.2.68

Sd/-

P.R. Ahuja
16/2/68

Commissioner for Indus Waters,
Government of India.

PAKISTAN

1. Syed Habib-ur-Rahman
2. Mr. Z.A. Khan Eurki

Sd/-

Khalil-ur-Rahman, T.Pk.,
Pakistan Commissioner for Indus
Waters, Govt. of Pakistan.

Amritsar
16th February, 1968.
