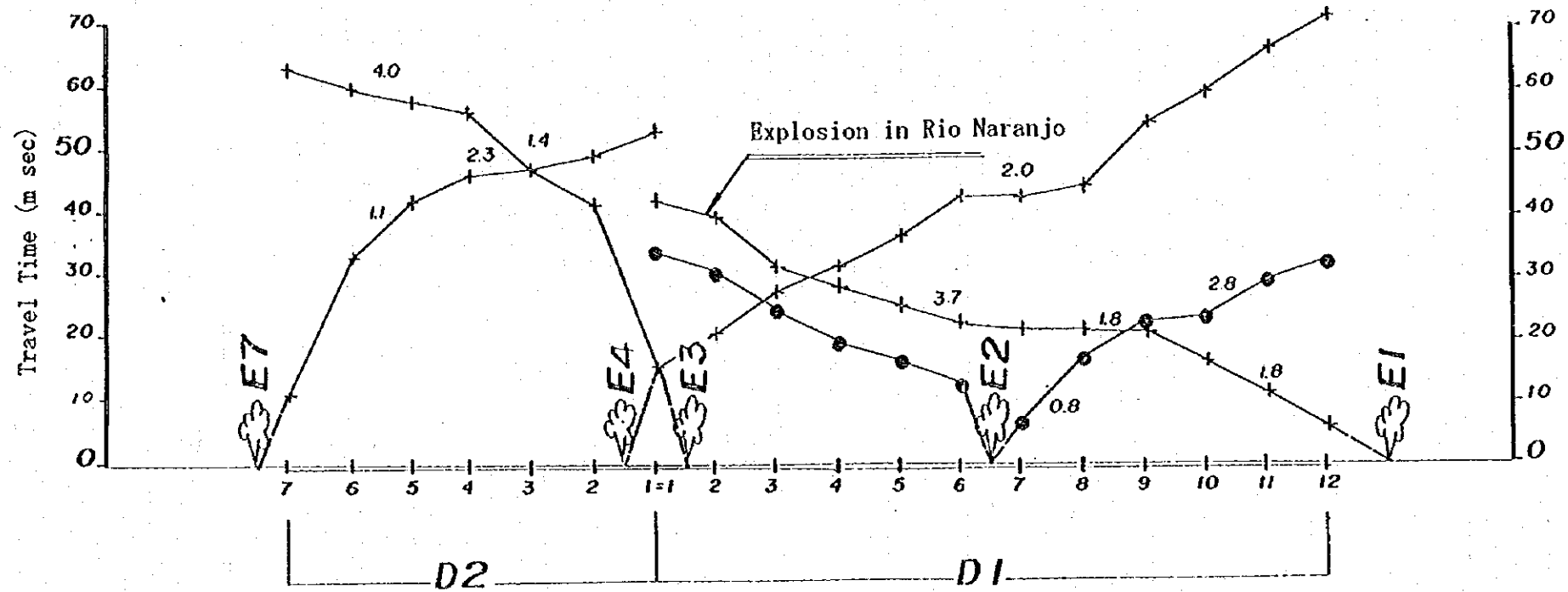


A-5 Time-Distance Curve done by ICE

- Fig.A-5-1 Time-Distance Curve Damsite PS-1
- Fig.A-5-2 Time-Distance Curve Damsite PS-2
- Fig.A-5-3 Time-Distance Curve Damsite PS-3
- Fig.A-5-4 Time-Distance Curve Damsite PS-4
- Fig.A-5-5 Time-Distance Curve Damsite PS-5
- Fig.A-5-6 Time-Distance Curve Damsite PS-6
- Fig.A-5-7 Time-Distance Curve Damsite PS-7
- Fig.A-5-8 Time-Distance Curve Damsite PS-8
- Fig.A-5-9 Time-Distance Curve Waterway 2500-3400
- Fig.A-5-10 Time-Distance Curve Waterway 0-400
- Fig.A-5-11 Time-Distance Curve Penstock Route No.1
- Fig.A-5-12 Time-Distance Curve Penstock Route No.2
- Fig.A-5-13 Time-Distance Curve Power Station Site PC-1
- Fig.A-5-14 Time-Distance Curve Power Station Site PC-2
- Fig.A-5-15 Time-Distance Curve Power Station Site PC-3
- Fig.A-5-16 Time-Distance Curve Power Station Site PC-4
- Fig.A-5-17 Time-Distance Curve Power Station Site PC-5
- Fig.A-5-18 Time-Distance Curve Power Station Site PC-6
- Fig.A-5-19 Time-Distance Curve Damsite Adit No.1
- Fig.A-5-20 Time-Distance Curve Power Station Site PHLL16CM

A-5 Time-Distance Curve done by ICE

- Fig.A-5-1 Time-Distance Curve Damsite PS-1
- Fig.A-5-2 Time-Distance Curve Damsite PS-2
- Fig.A-5-3 Time-Distance Curve Damsite PS-3
- Fig.A-5-4 Time-Distance Curve Damsite PS-4
- Fig.A-5-5 Time-Distance Curve Damsite PS-5
- Fig.A-5-6 Time-Distance Curve Damsite PS-6
- Fig.A-5-7 Time-Distance Curve Damsite PS-7
- Fig.A-5-8 Time-Distance Curve Damsite PS-8
- Fig.A-5-9 Time-Distance Curve Waterway 2500-3400
- Fig.A-5-10 Time-Distance Curve Waterway 0-400
- Fig.A-5-11 Time-Distance Curve Penstock Route No.1
- Fig.A-5-12 Time-Distance Curve Penstock Route No.2
- Fig.A-5-13 Time-Distance Curve Power Station Site PC-1
- Fig.A-5-14 Time-Distance Curve Power Station Site PC-2
- Fig.A-5-15 Time-Distance Curve Power Station Site PC-3
- Fig.A-5-16 Time-Distance Curve Power Station Site PC-4
- Fig.A-5-17 Time-Distance Curve Power Station Site PC-5
- Fig.A-5-18 Time-Distance Curve Power Station Site PC-6
- Fig.A-5-19 Time-Distance Curve Damsite Adit No.1
- Fig.A-5-20 Time-Distance Curve Power Station Site PHL16CM



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 LOS LLANOS HYDROELECTRIC POWER
 DEVELOPMENT PROJECT

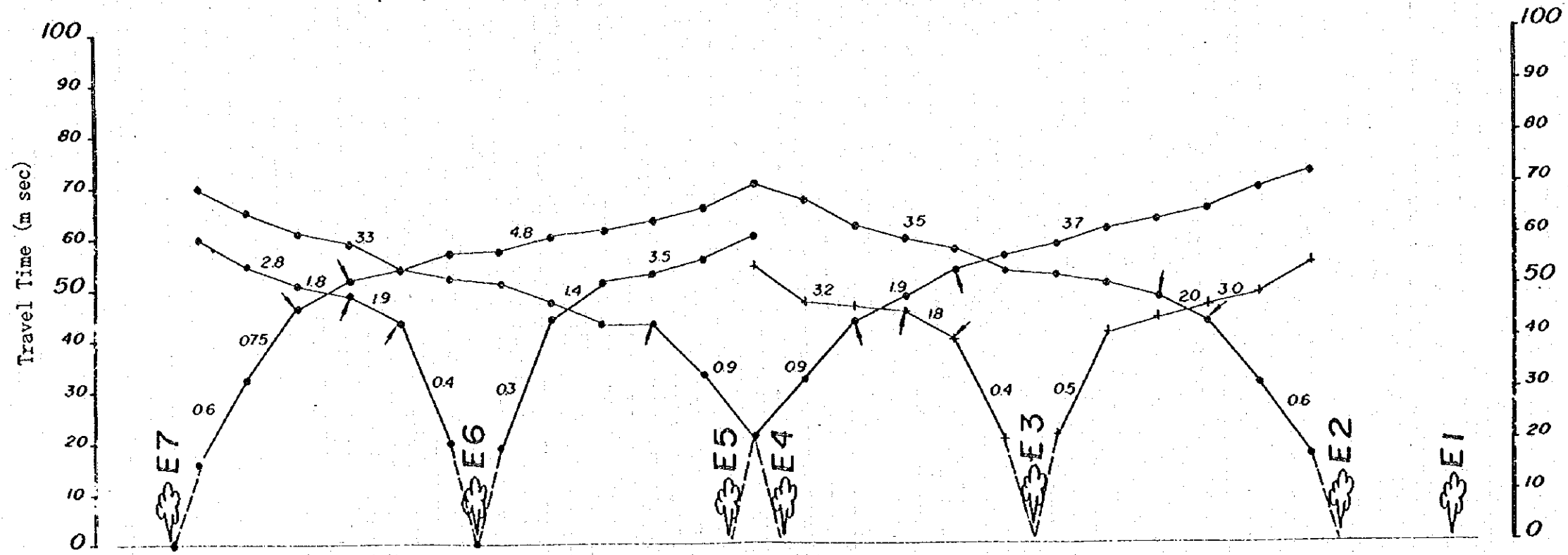
Time-Distance Curve
 Damsite PS-1

Diagram was offered by ICE.

Fig.A-5-1

Date:

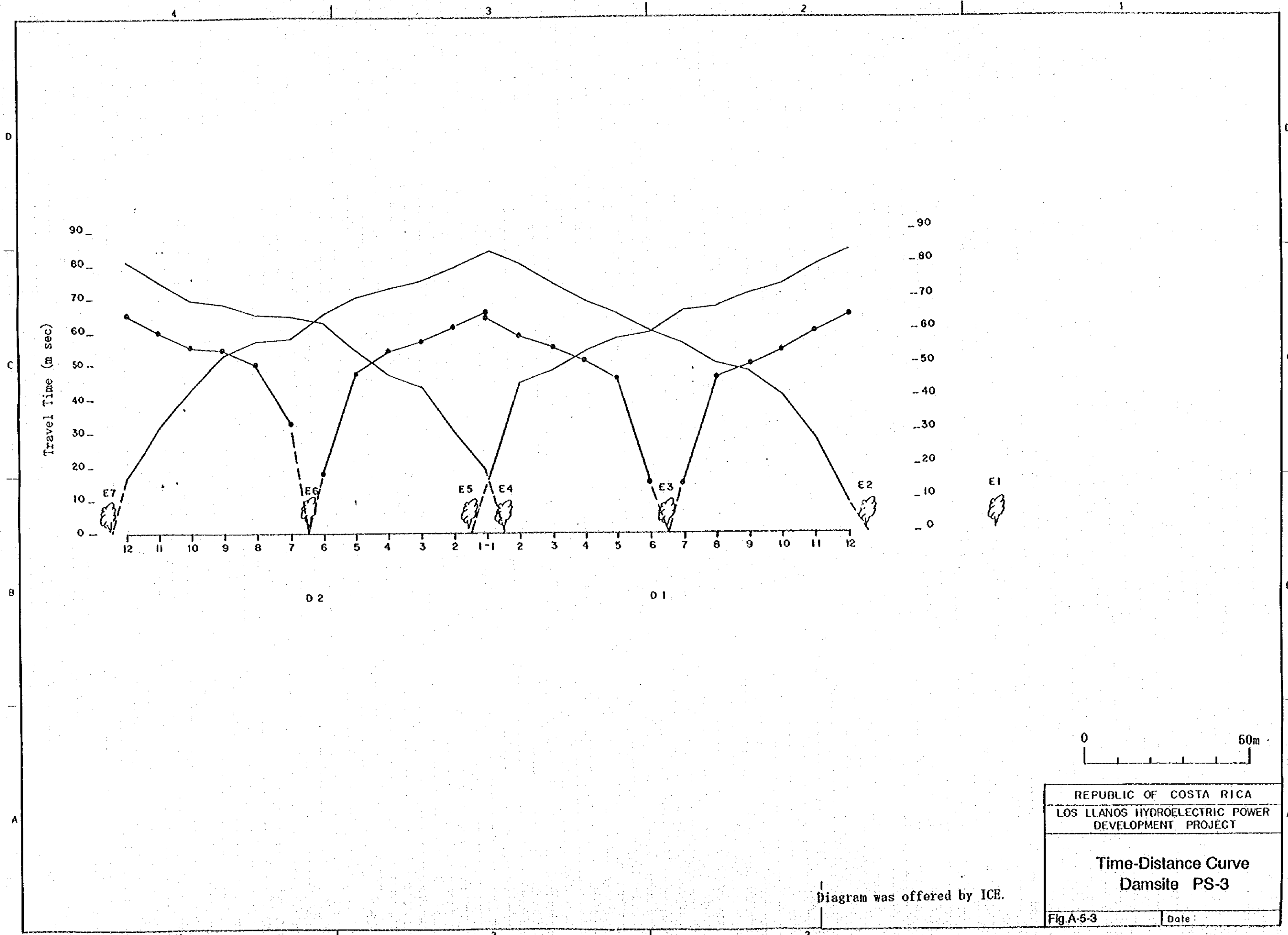
1-5



REPUBLIC OF COSTA RICA	
LOS LLANOS HYDROELECTRIC POWER DEVELOPMENT PROJECT	
Time-Distance Curve Damsite PS-2	
Fig.A-5-2	Date:

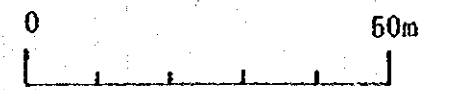
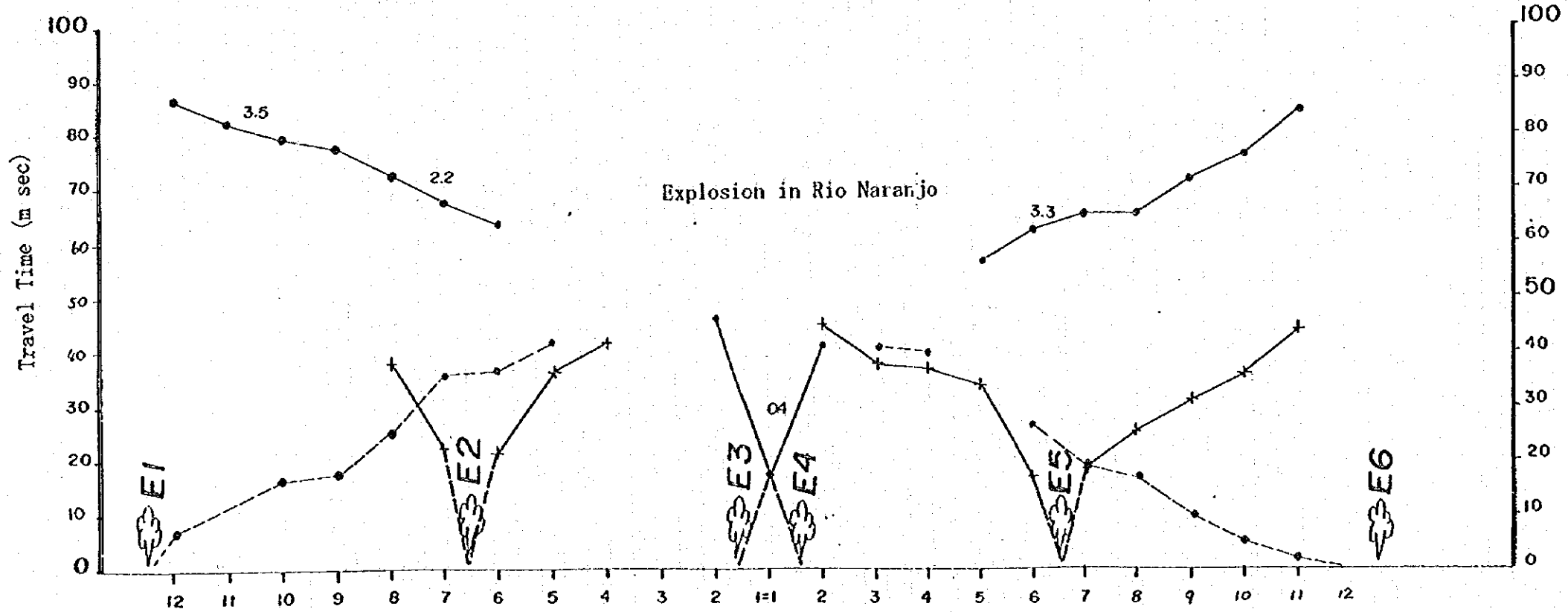
Diagram was offered by ICE.

2-5



5-3

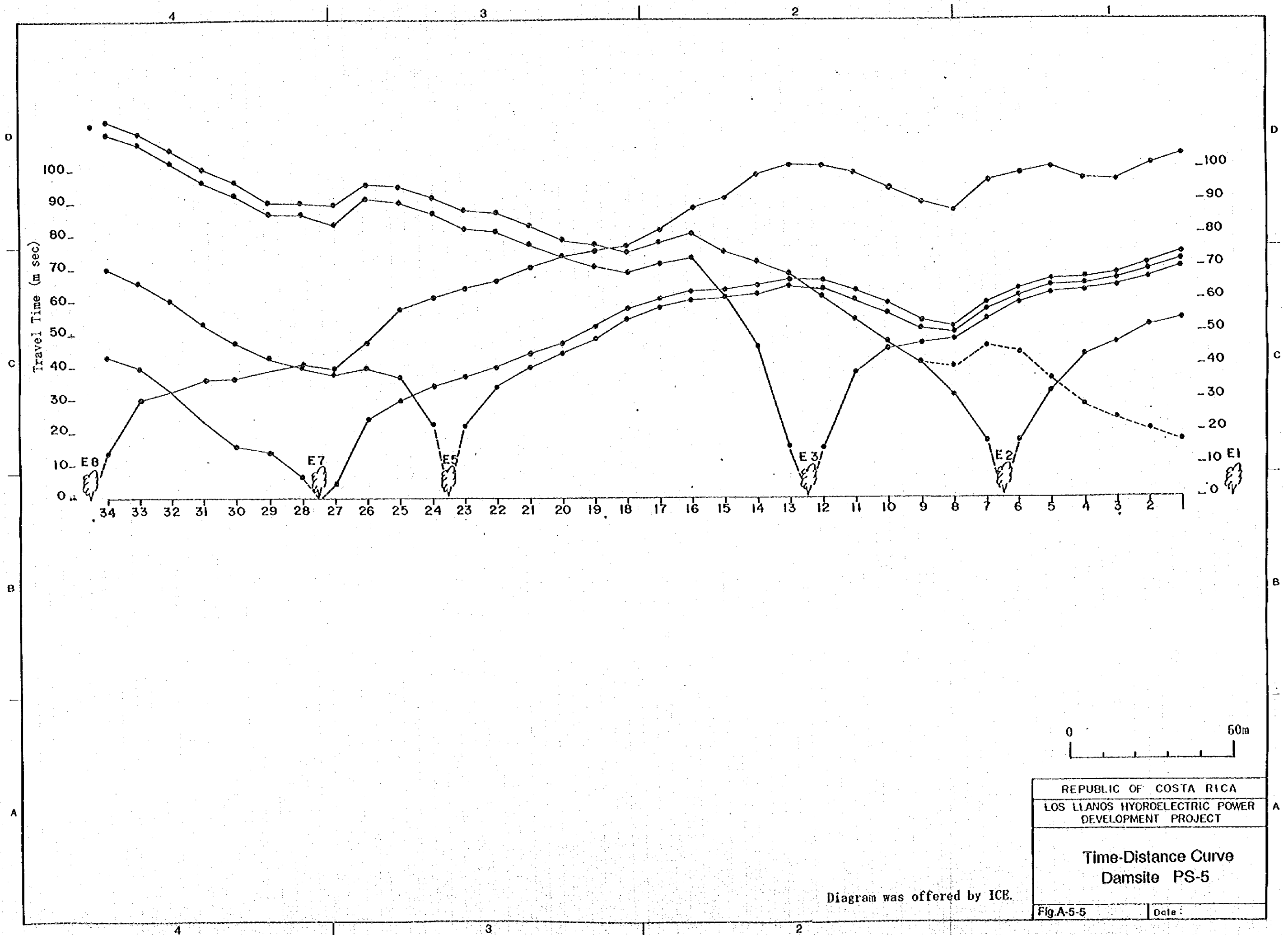
Diagram was offered by ICE.

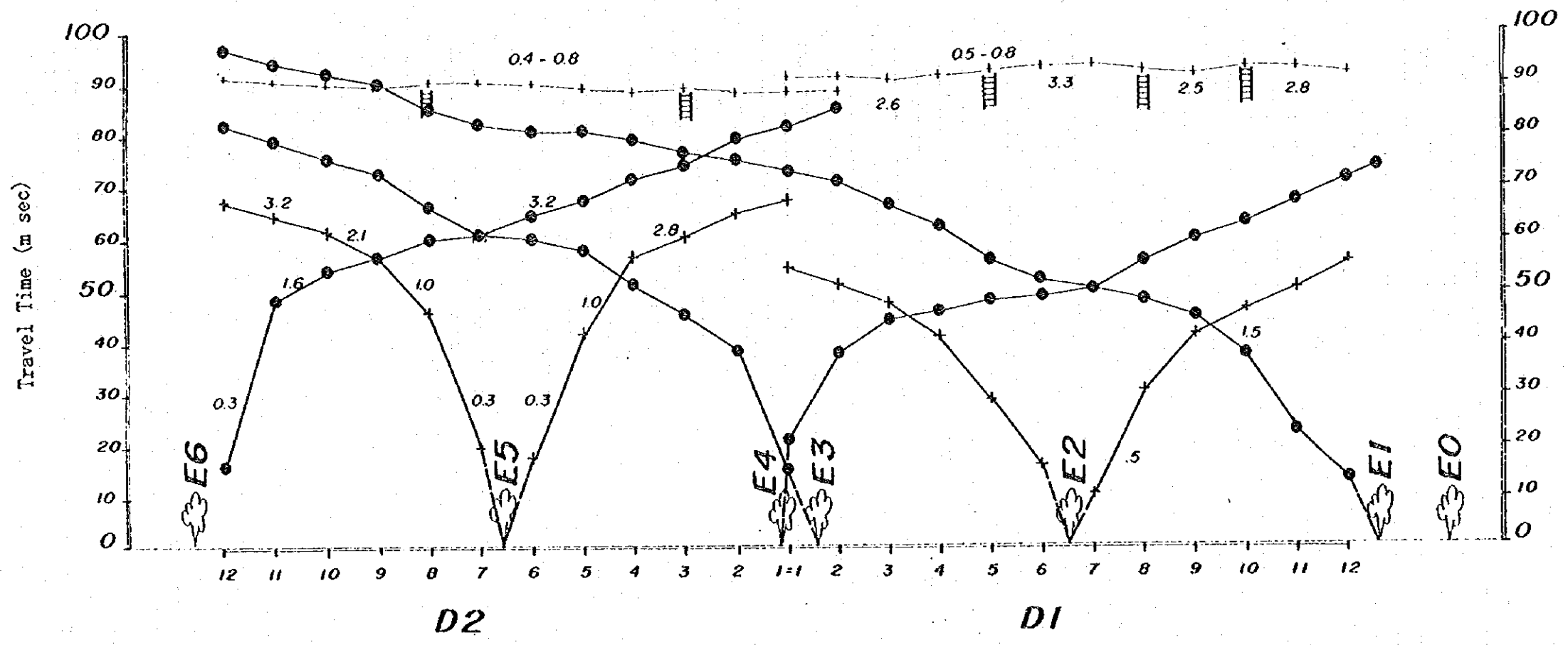


REPUBLIC OF COSTA RICA	
LOS LLANOS HYDROELECTRIC POWER DEVELOPMENT PROJECT	
Time-Distance Curve Dam site PS-4	
Fig. A-5-4	Date:

Diagram was offered by ICE.

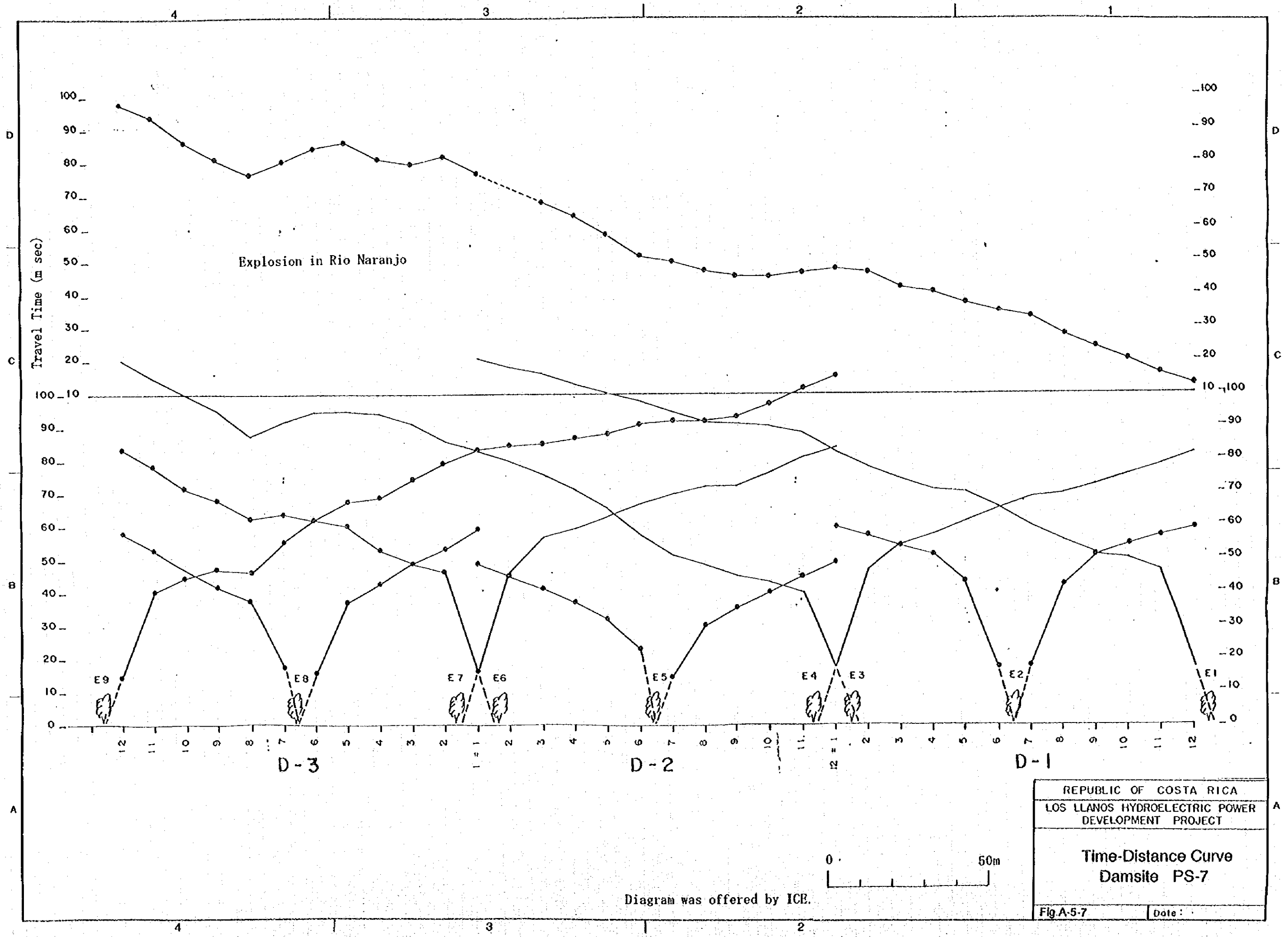
7-5





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LOS LLANOS HYDROELECTRIC POWER DEVELOPMENT PROJECT	
Time-Distance Curve Damsite PS-6	
Fig.A-5-6	Date:

Diagram was offered by ICE.

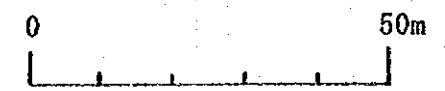
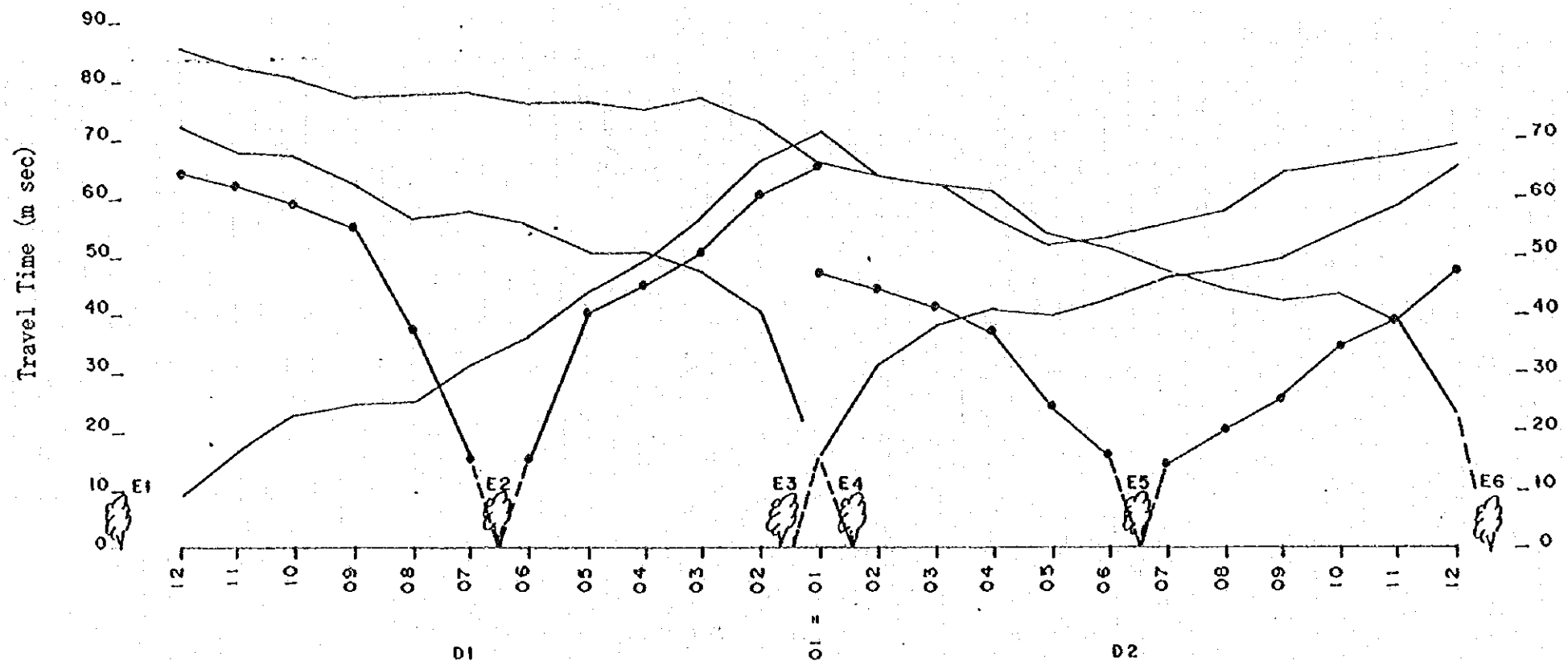


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 LOS LLANOS HYDROELECTRIC POWER
 DEVELOPMENT PROJECT

Time-Distance Curve
Damsite PS-7

Fig.A-5-7 Date: _____

Diagram was offered by ICE.



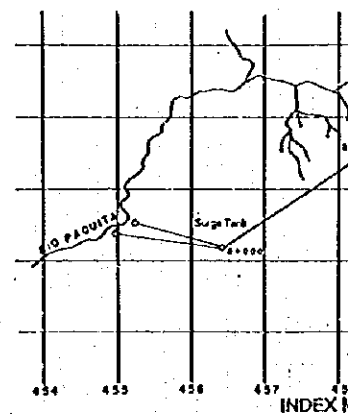
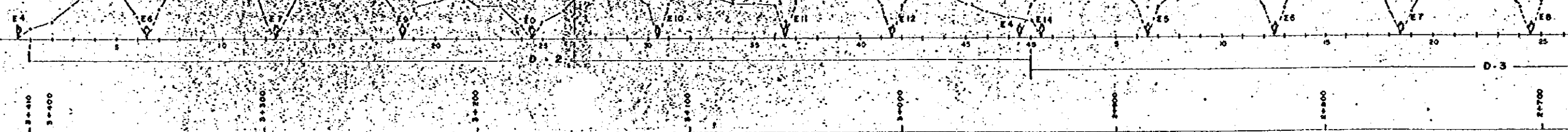
REPUBLIC OF COSTA RICA	
LOS LLANOS HYDROELECTRIC POWER DEVELOPMENT PROJECT	
Time-Distance Curve Damsite PS-8	
Fig.A-5-8	Date:

Diagram was offered by ICE.

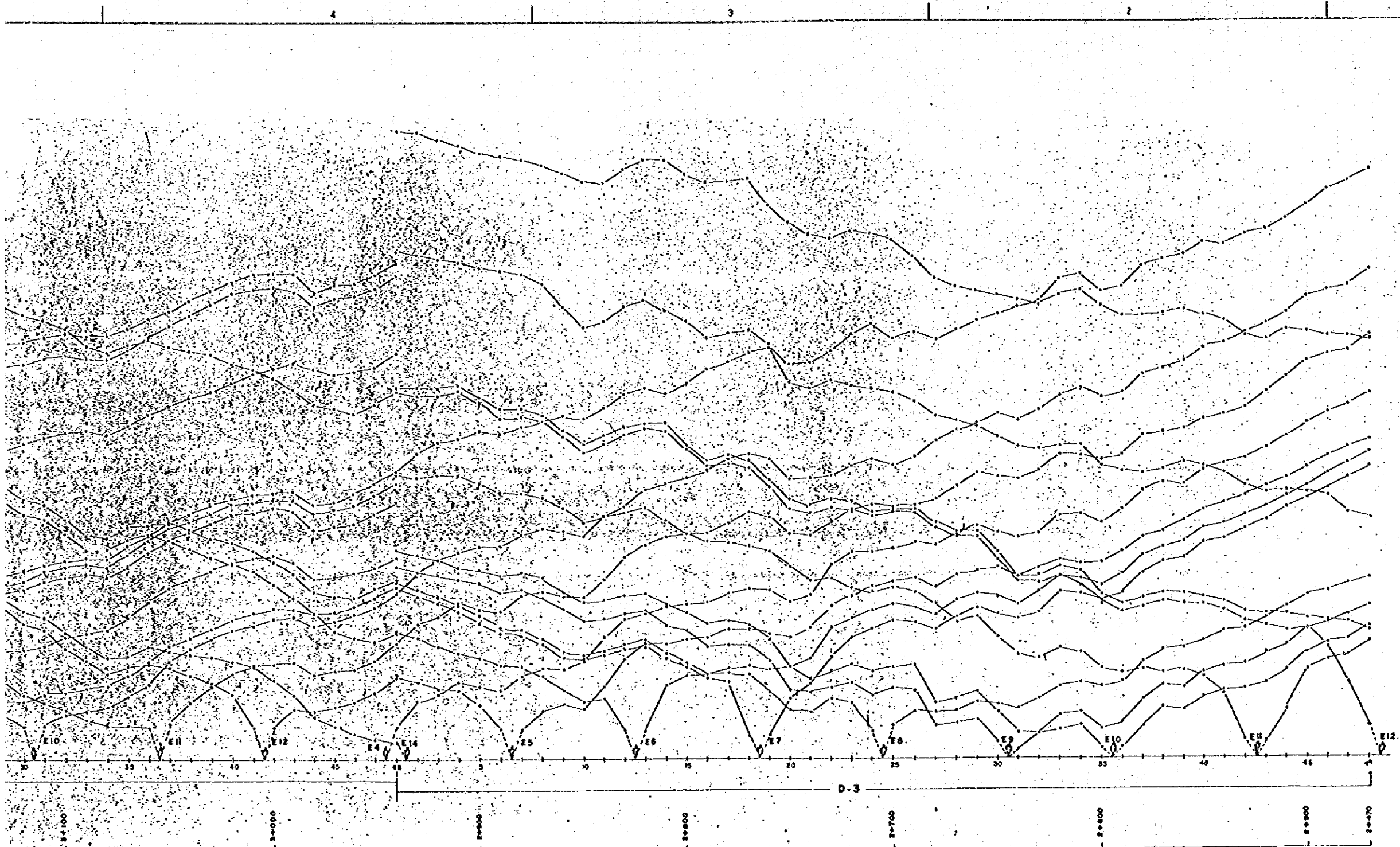
B-5

Travel Time (in sec)

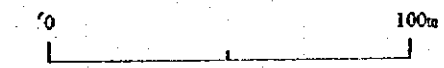
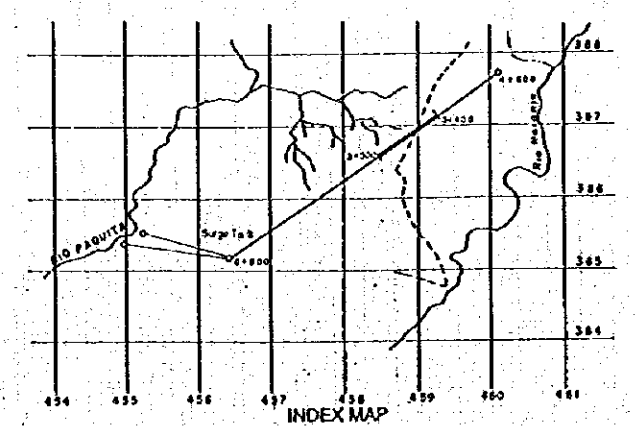
100
120
140
160
180
200



6-5



- LEGEND
- Point of Explosion
 - Time Distance Curve
 - Disposition Number

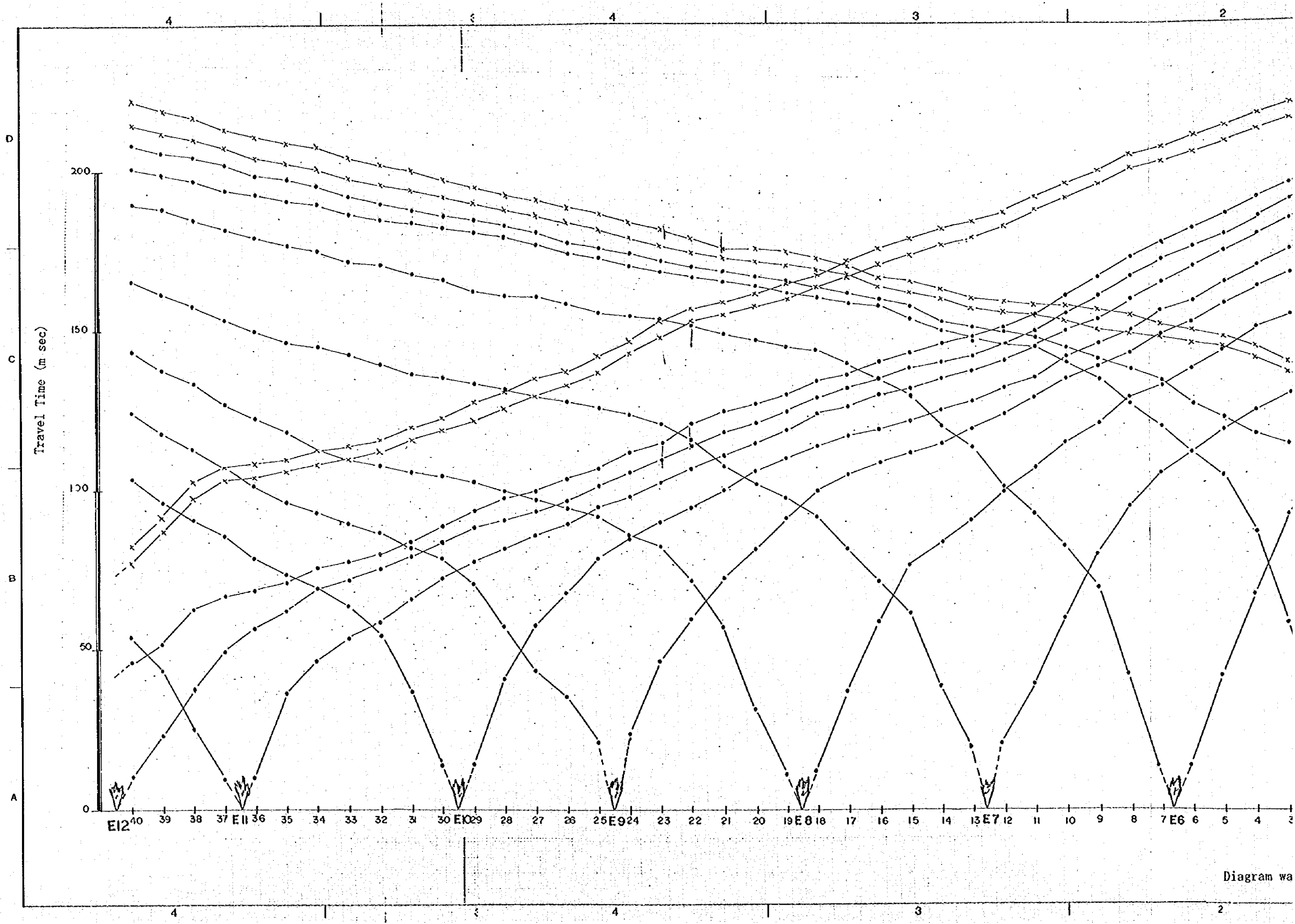


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 LOS LLANOS HYDROELECTRIC POWER
 DEVELOPMENT PROJECT

**Seismic Prospecting
 Time-Distance Curve
 Waterway Alignment Route
 2500 - 3400**

Fig A-59 Date :

Diagram was offered by ICE.



5/5

Diagram wa

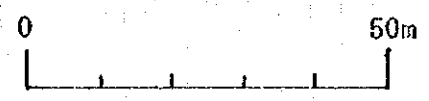
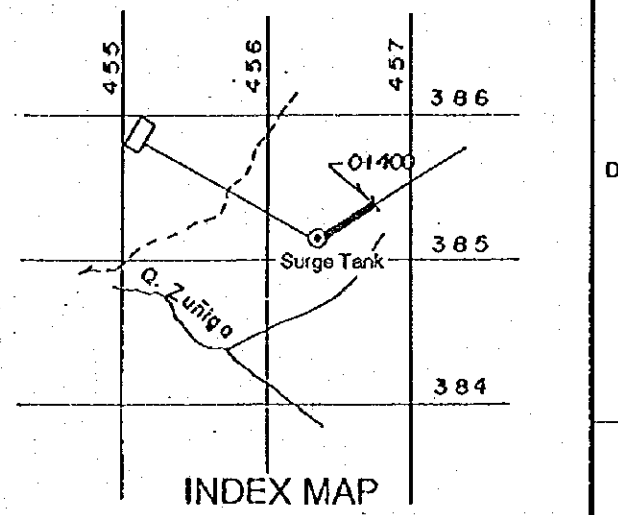
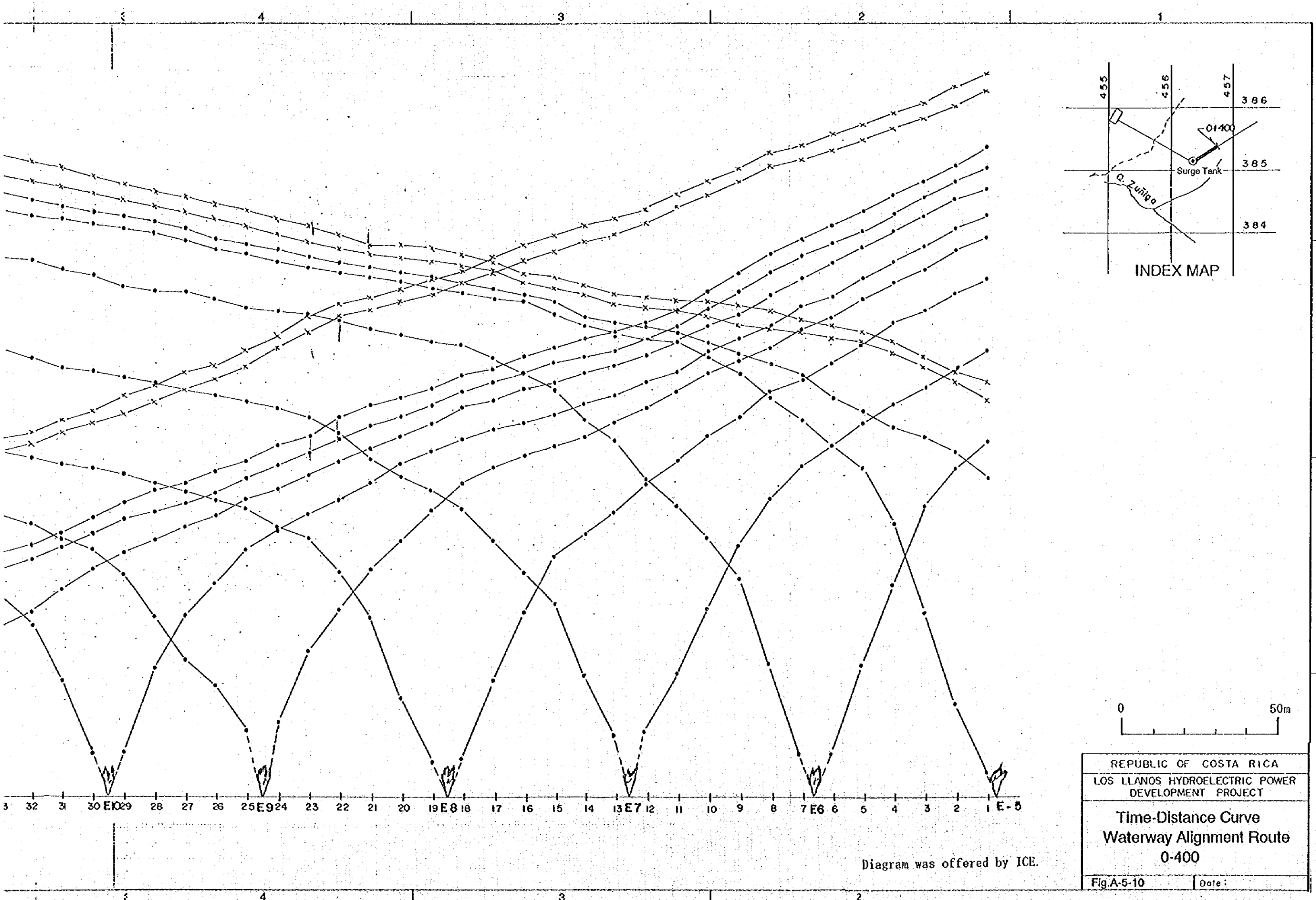
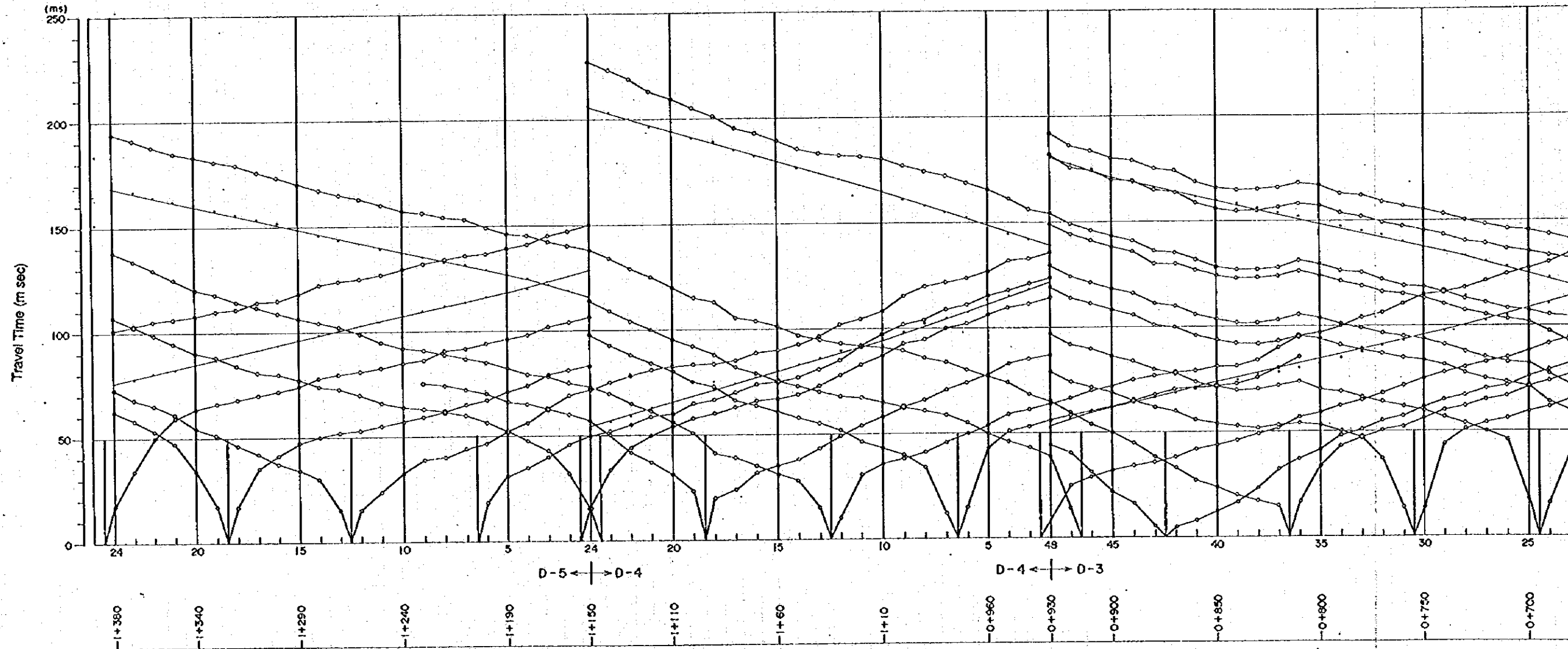


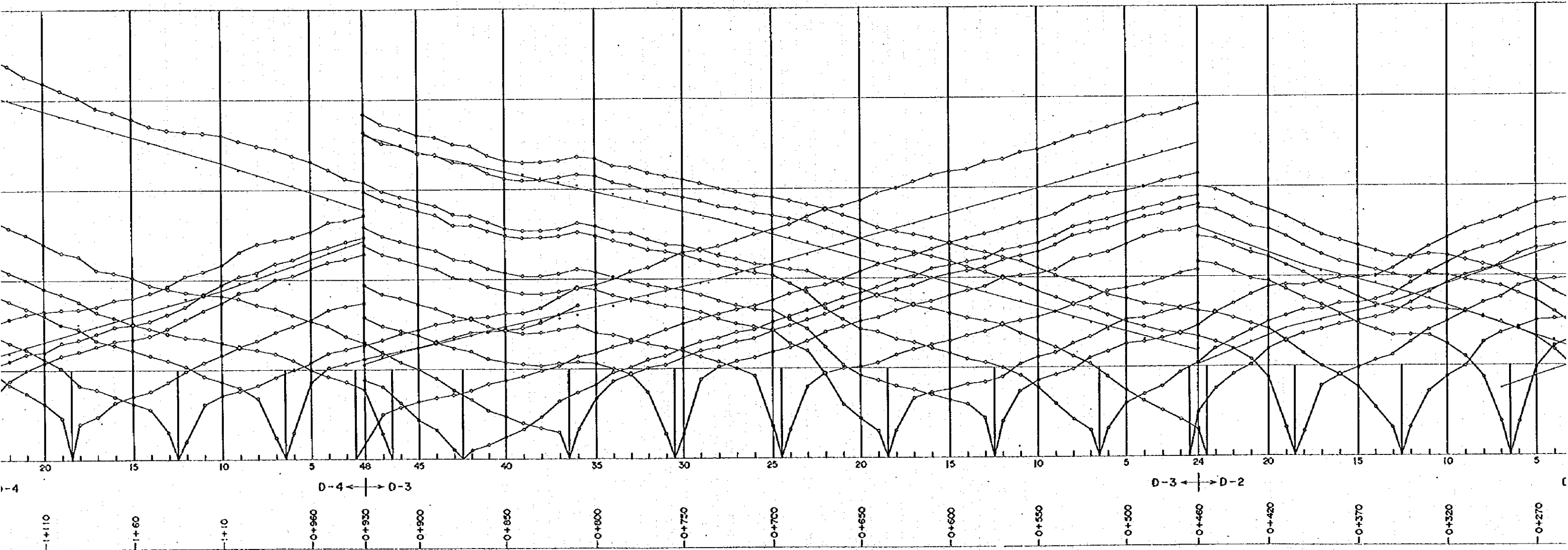
Diagram was offered by ICE.

REPUBLIC OF COSTA RICA	
LOS LLANOS HYDROELECTRIC POWER DEVELOPMENT PROJECT	
Time-Distance Curve Waterway Alignment Route 0-400	
Fig.A-5-10	Date:

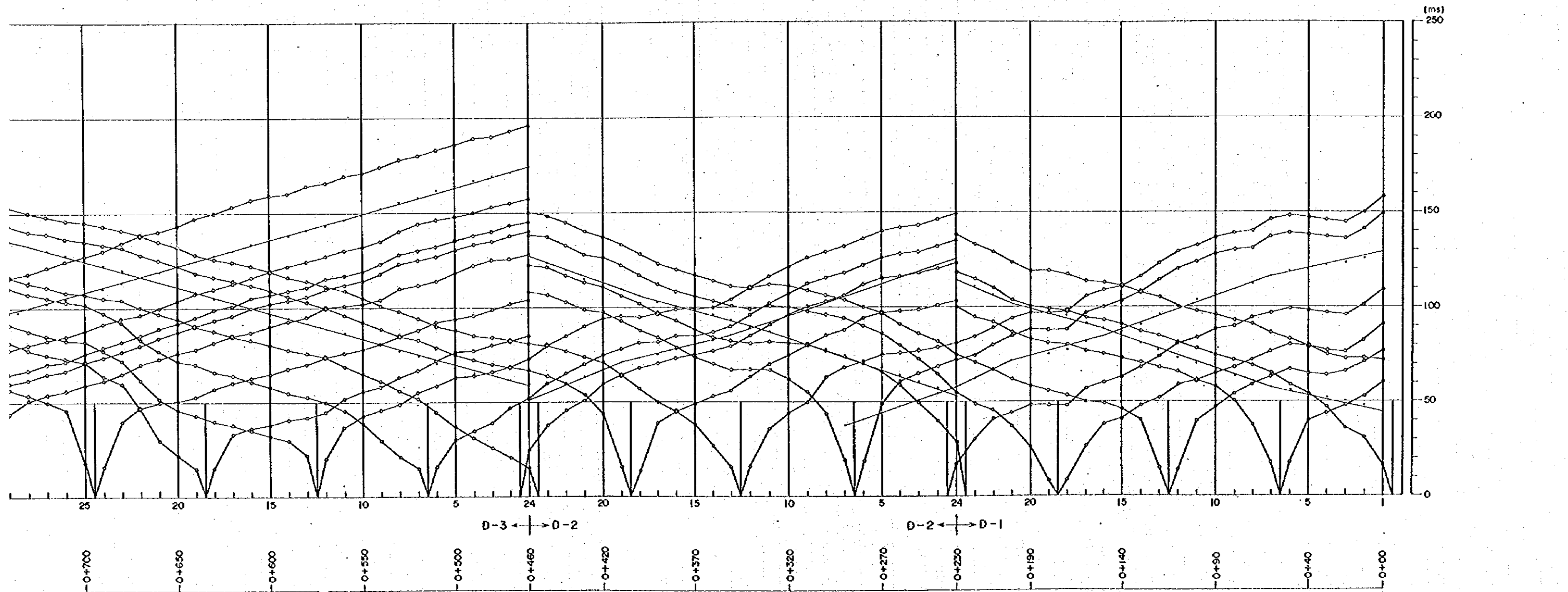


1-5

PENSTOCK ROUTE No.1

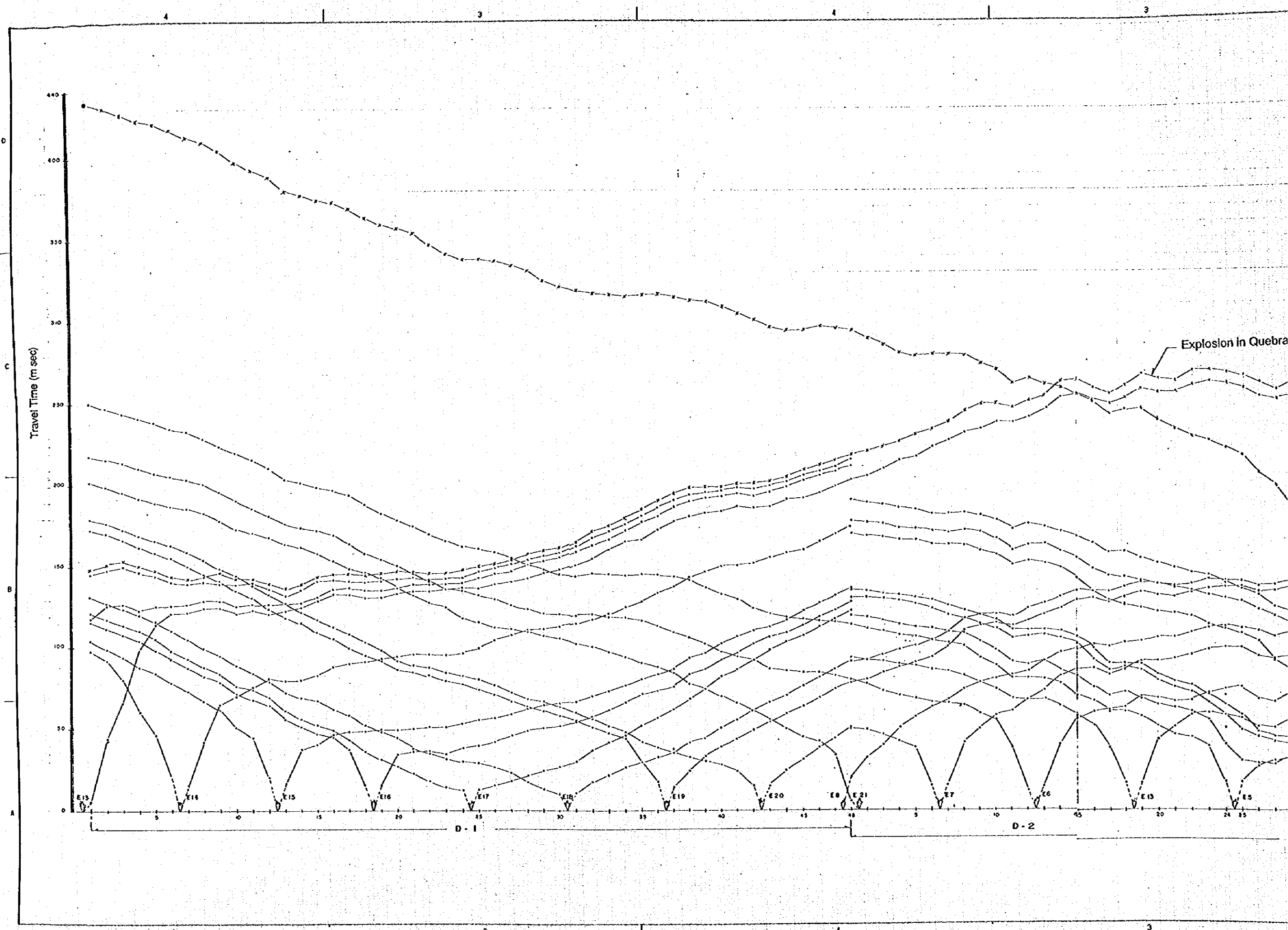


PENSTOCK ROUTE No.1

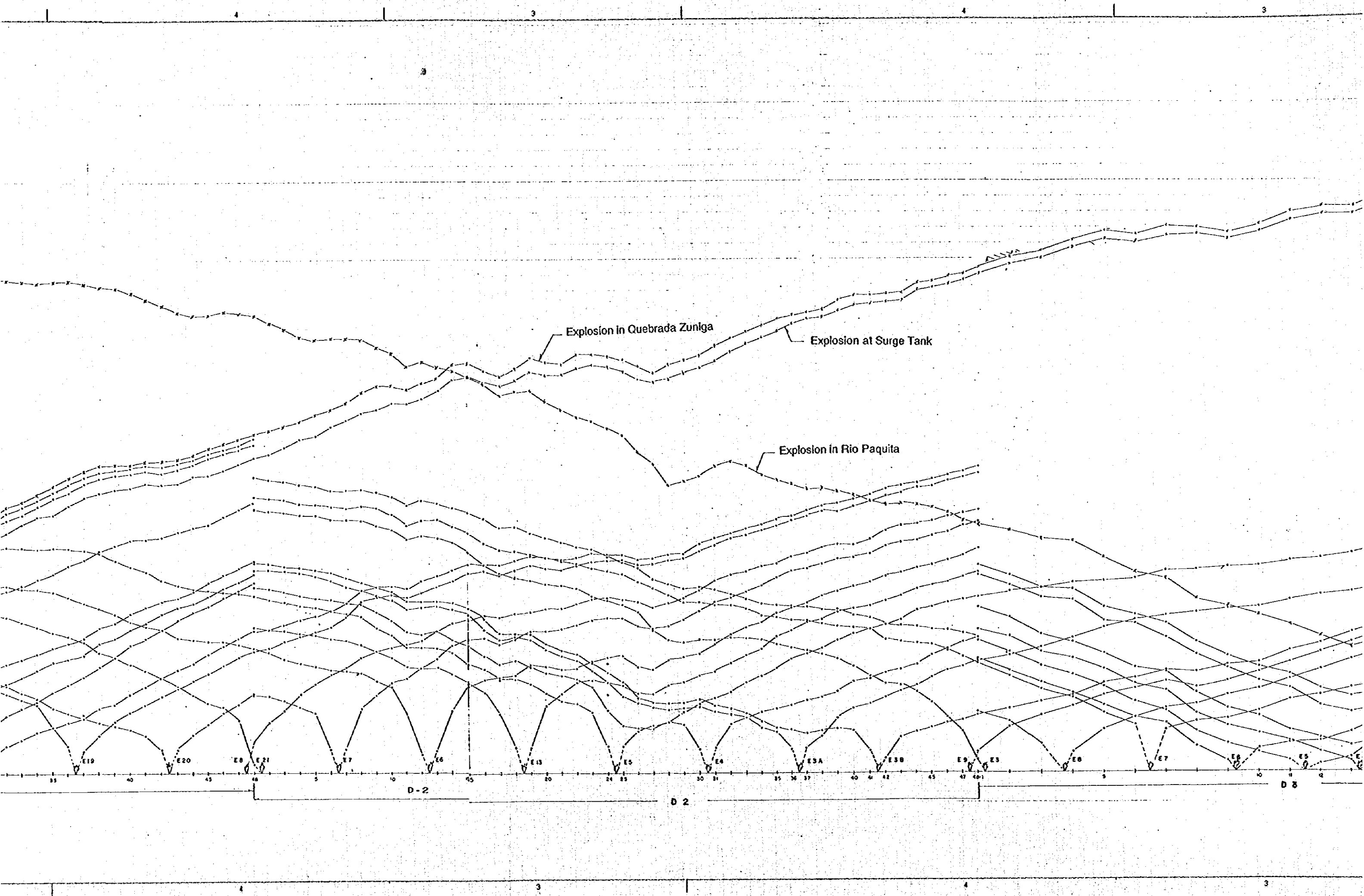


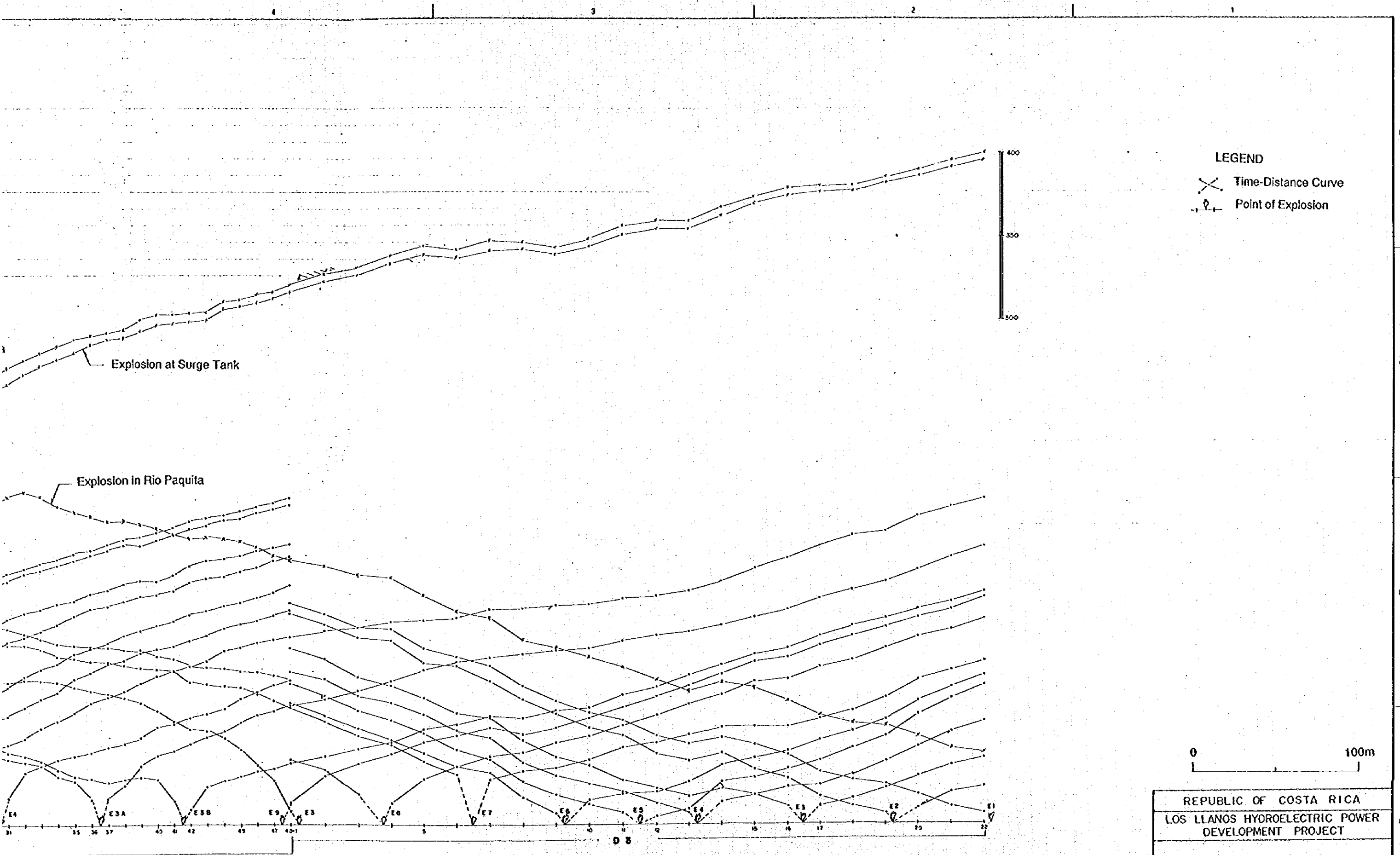
REPUBLIC OF COSTA RICA	
LOS LLANOS HYDROELECTRIC POWER DEVELOPMENT PROJECT	
Seismic Prospecting Time-Distance Curve Penstock Route No.1	
Fig A-5-11	Date :

Diagram was offered by ICE.



5-12

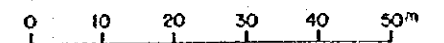
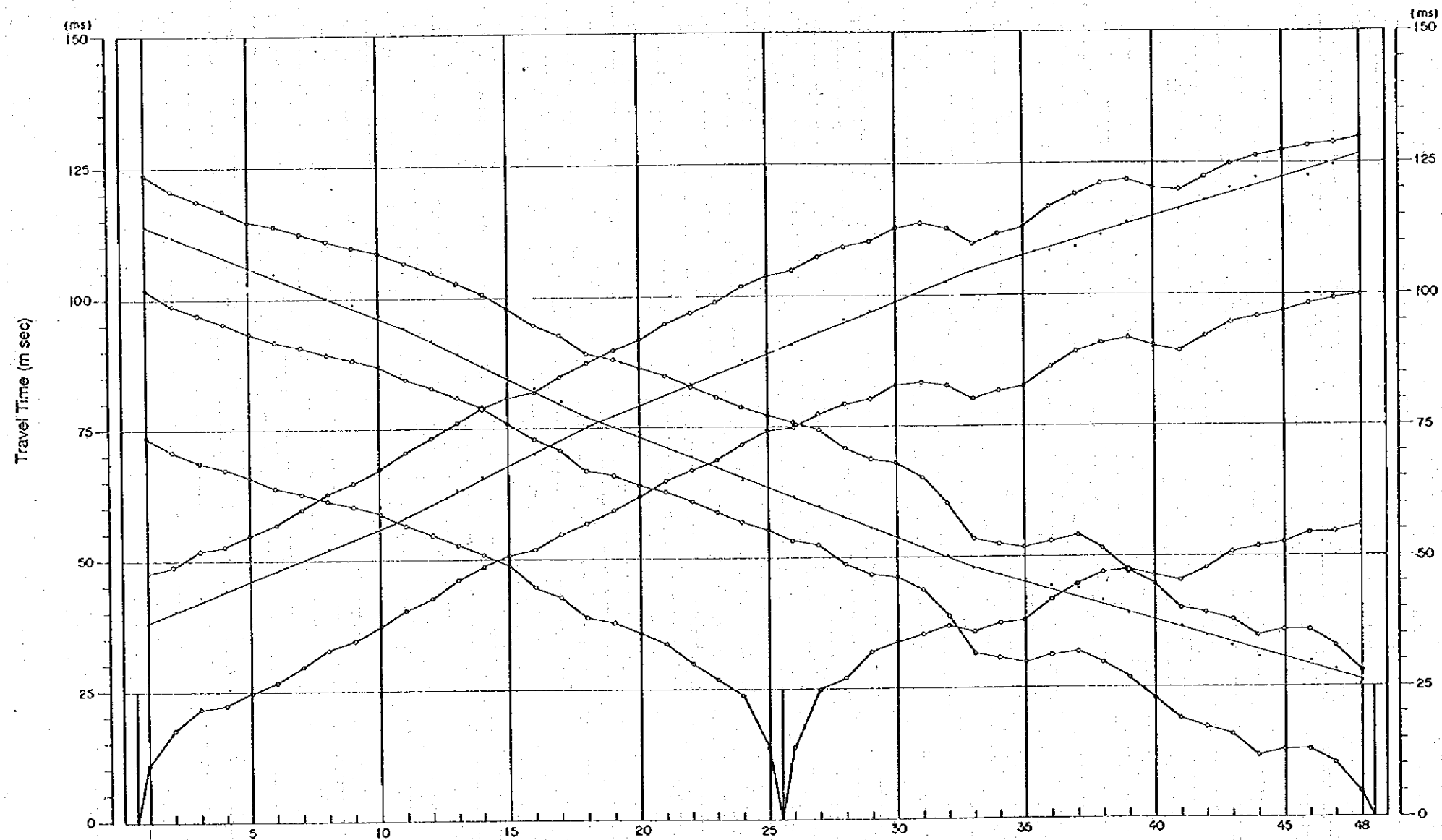




REPUBLIC OF COSTA RICA	
LOS LLANOS HYDROELECTRIC POWER DEVELOPMENT PROJECT	
Seismic Prospecting Time-Distance Curve Penstock Route No.2	
Fig.A-5-12	Date :

Diagram was offered by ICE.

PC 1



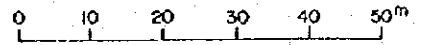
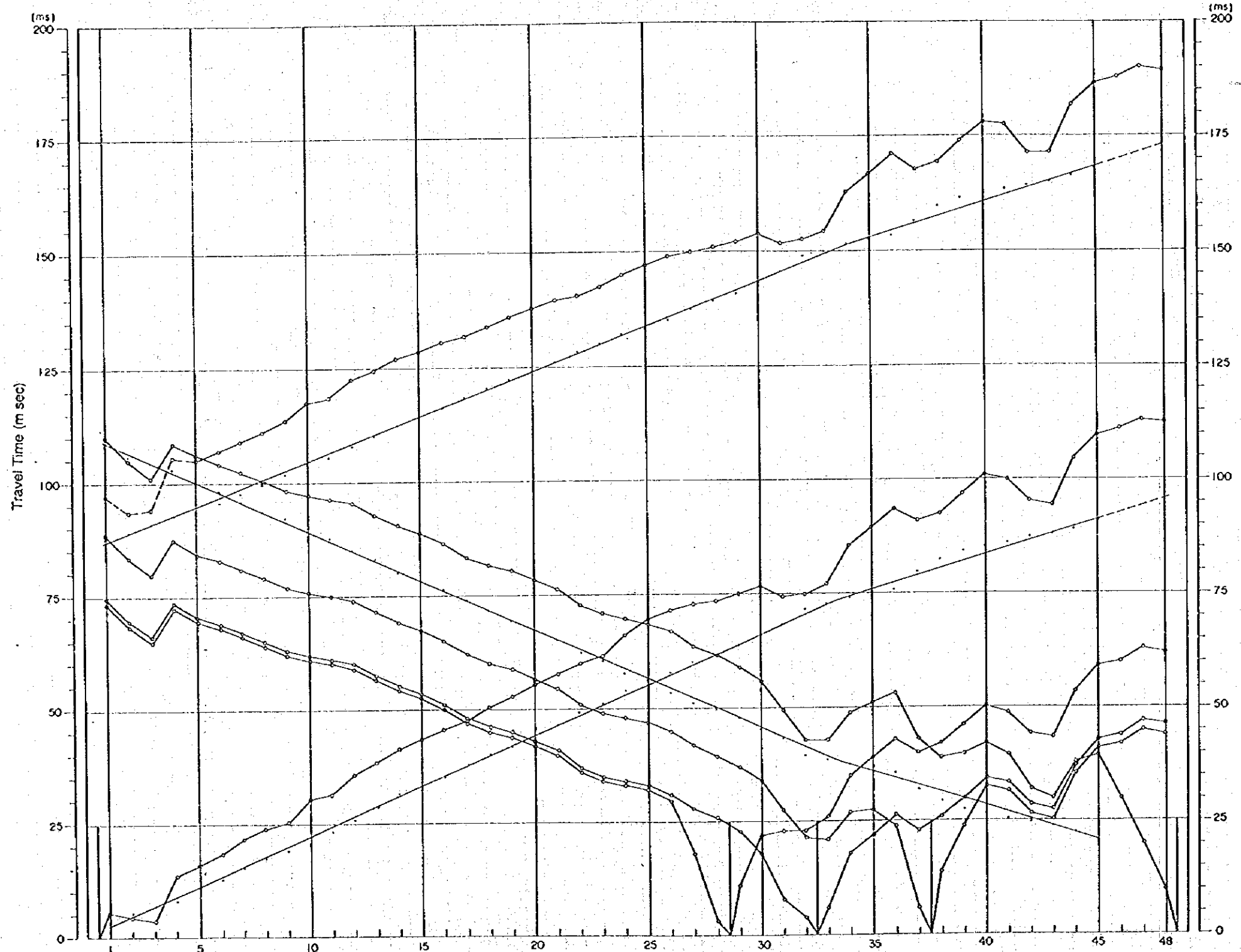
REPUBLIC OF COSTA RICA
LOS LLANOS HYDROELECTRIC POWER DEVELOPMENT PROJECT
Seismic Prospecting Time-Distance Curve Power Station Site PC-1
Fig A-5-13

Diagram was offered by ICE.

Date:

5-1-5

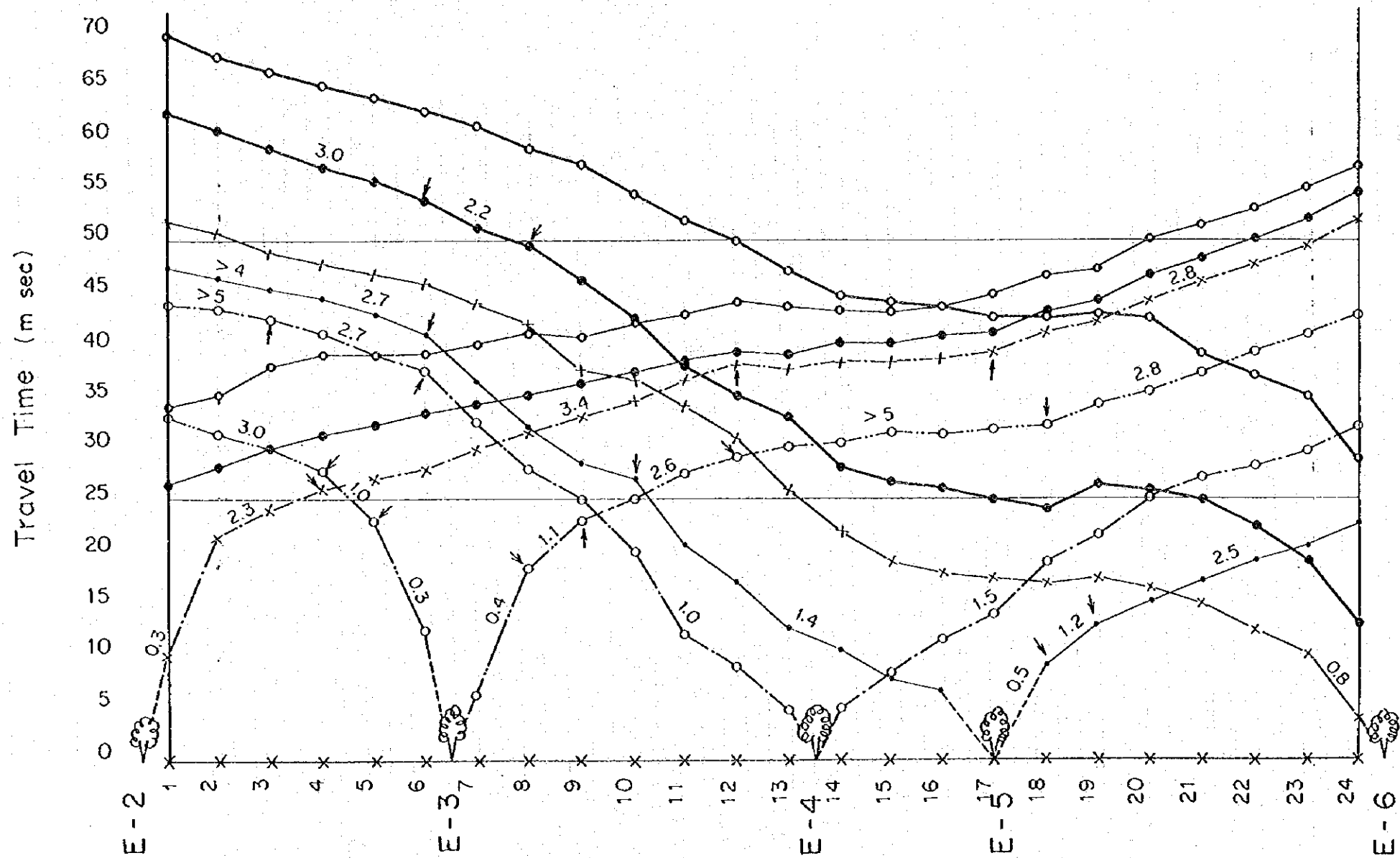
PC 2



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LOS LLANOS HYDROELECTRIC POWER DEVELOPMENT PROJECT	
Seismic Prospecting Time-Distance Curve Power Station Site PC-2	
Fig A-5-14	Date:

Diagram was offered by ICE.

71-5



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LOS LLANOS HYDROELECTRIC POWER DEVELOPMENT PROJECT	
SEISMIC PROSPECTING TIME-DISTANCE CURVE POWER STATION SITE PC - 3	
Fig. A-5-15	Date:

Diagram was offered by ICE.

51-5

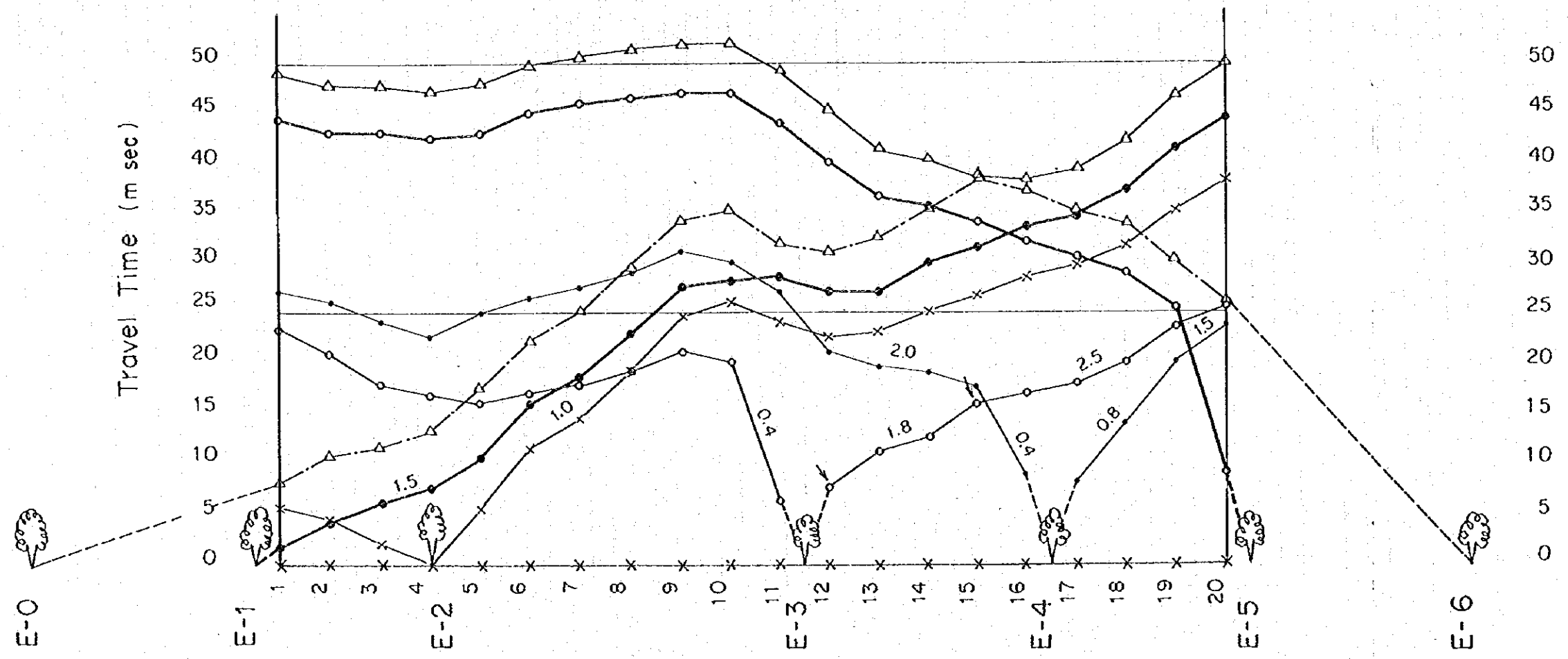
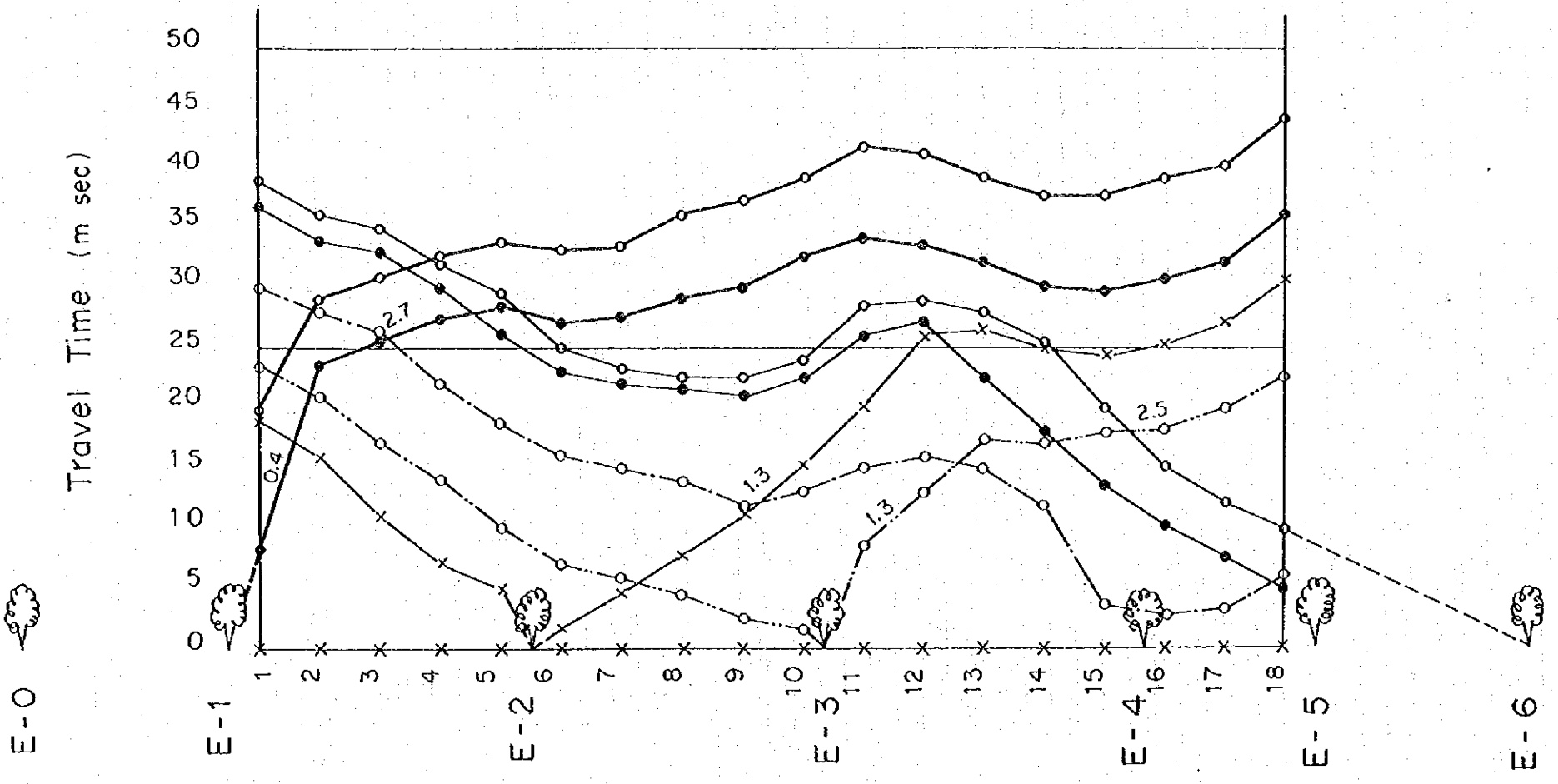


Diagram was offered by ICE.

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LOS LLANOS HYDROELECTRIC POWER DEVELOPMENT PROJECT	
SEISMIC PROSPECTING TIME-DISTANCE CURVE POWER STATION SITE PC - 4	
Fig. A-5-16	Date:

71-5



0 20m

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 LOS LLANOS HYDROELECTRIC POWER
 DEVELOPMENT PROJECT
 SEISMIC PROSPECTING
 TIME-DISTANCE CURVE
 POWER STATION SITE
 PC - 5
 Fig. A-5-17 Date:

Diagram was offered by ICE.

41-5

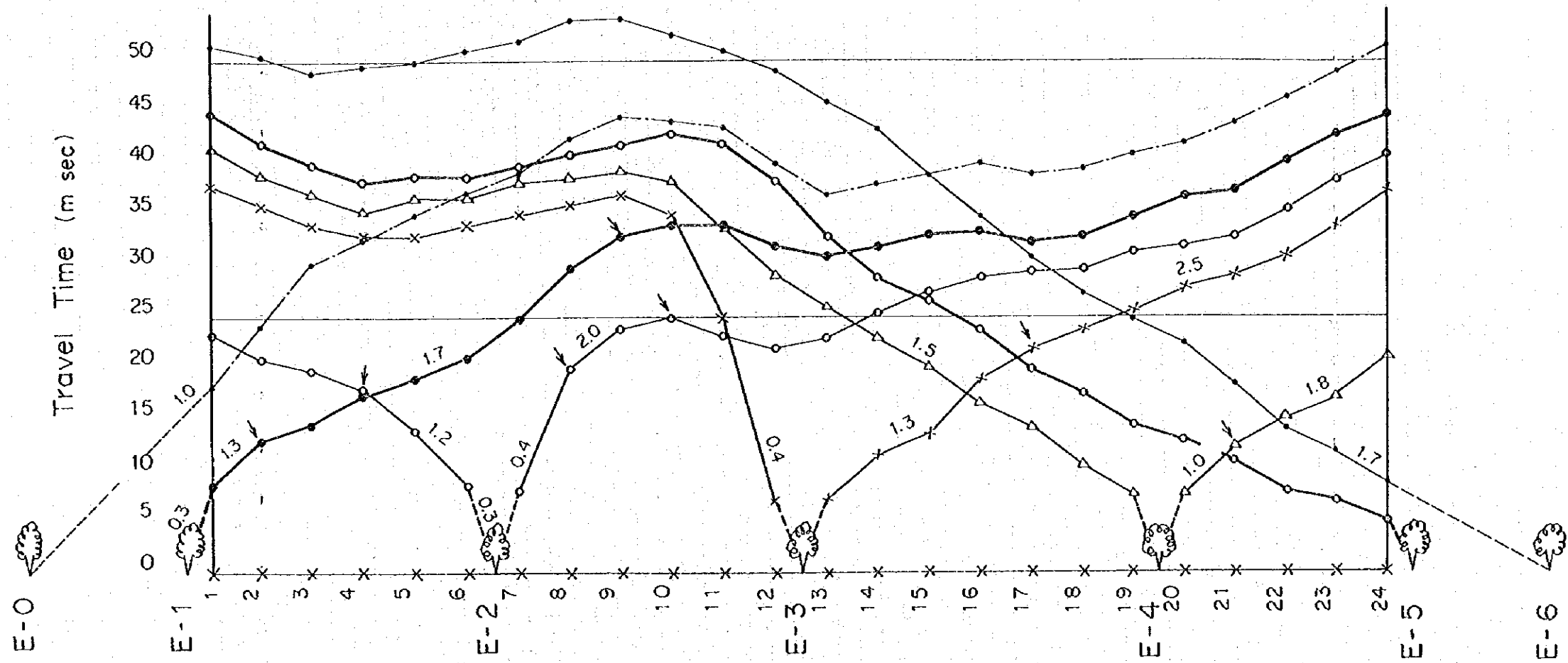
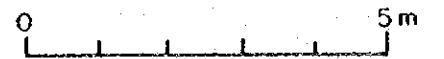
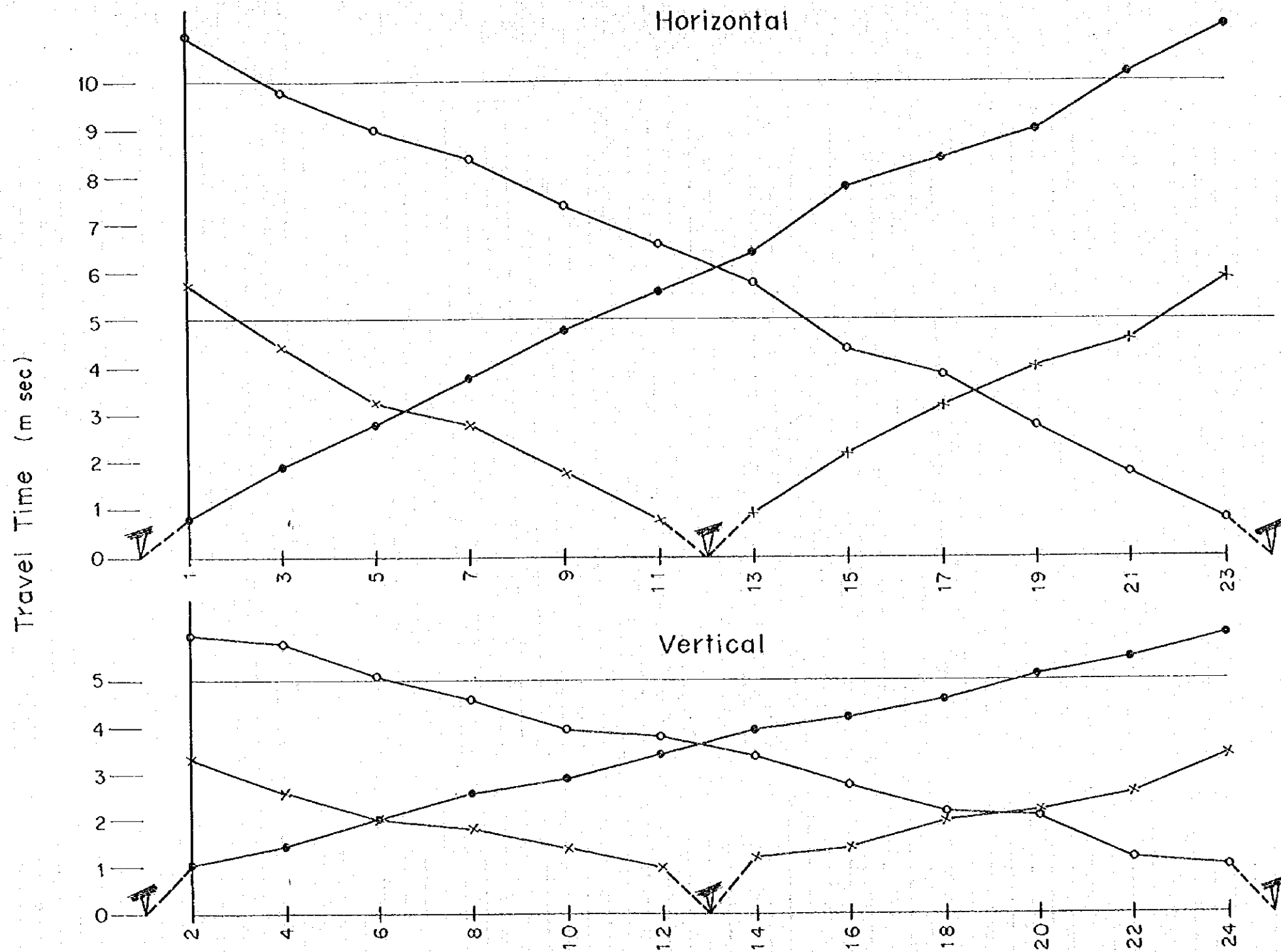


Diagram was offered by ICE.

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LOS LLANOS HYDROELECTRIC POWER DEVELOPMENT PROJECT	
SEISMIC PROSPECTING TIME-DISTANCE CURVE POWER STATION SITE PC - 6	
Fig. A-5-18	Date:

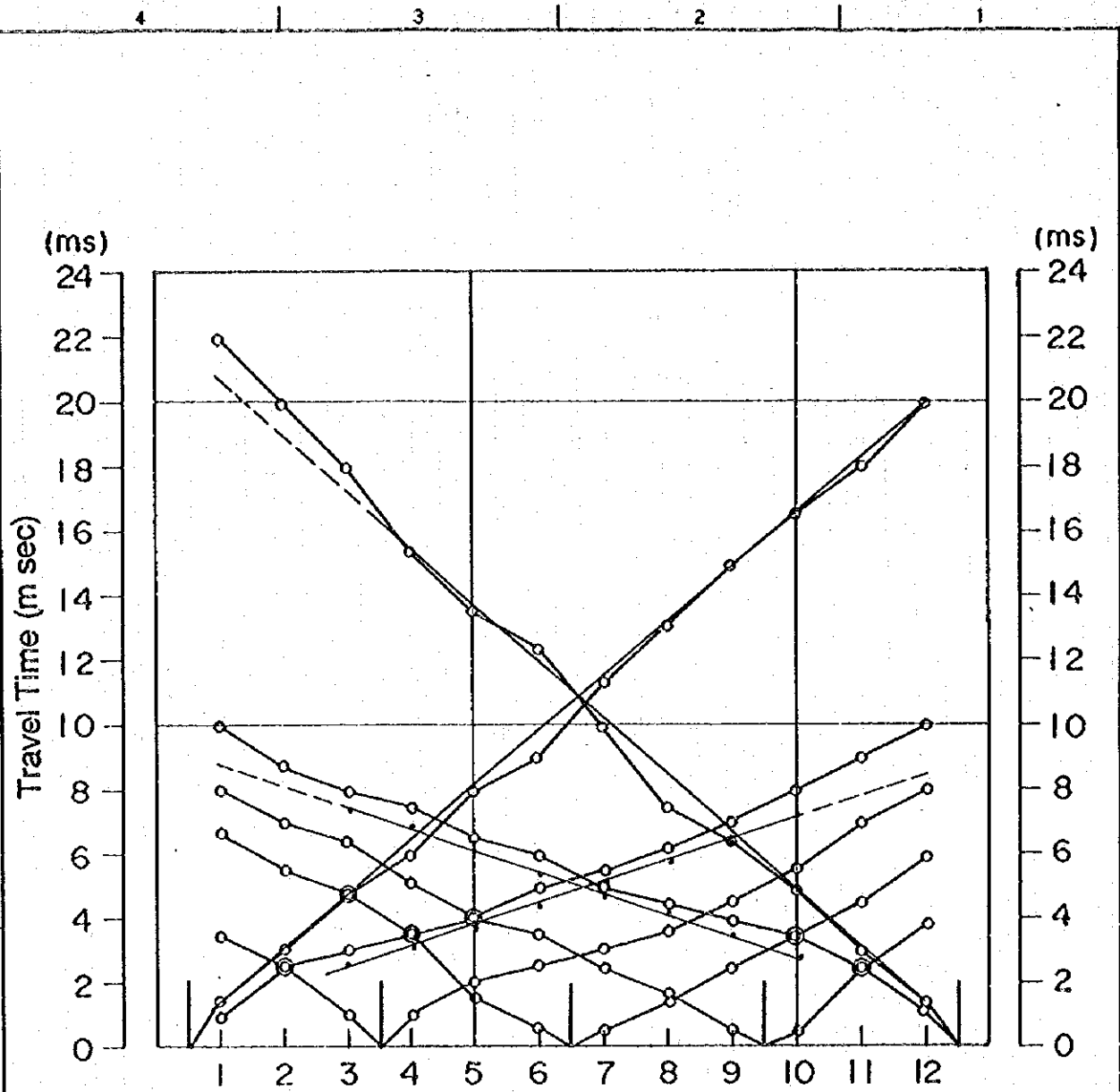
81-5



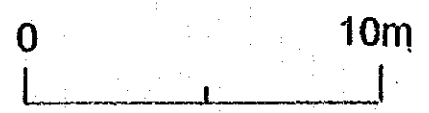
REPUBLIC OF COSTA RICA	
LOS LLANOS HYDROELECTRIC POWER DEVELOPMENT PROJECT	
Vp/Vs MEASUREMENT IN ADIT DAMSITE	
ADIT No. 1	
Fig. A-5-19	Date:

Diagram was offered by ICE.

61-5



S: 1.1 ~ 1.2 km/s
 P: 3.0 km



REPUBLIC OF COSTA RICA	
LOS LLANOS HYDROELECTRIC POWER DEVELOPMENT PROJECT	
Borehole Vp/Vs Measurement Power Station Site PHLL16CM	
Fig.A-5-20	Date:

Diagram was offered by ICE.

5-20