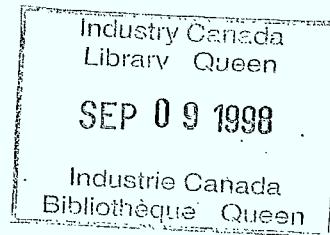
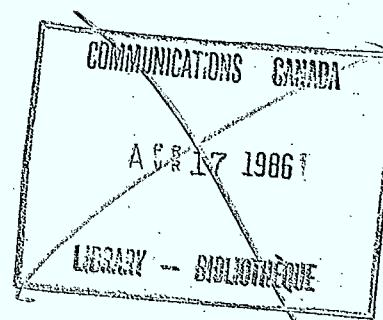


TK
6553
T8
1975



TV COVERAGE SURVEY
PROVINCE OF PRINCE EDWARD ISLAND,

1975



Prepared by: Department of Communications
Atlantic Region
Engineering Services

FOREWORD

This study of TV reception in the province of Prince Edward Island was prepared by the Department of Communications. The Department conducted a field survey in which actual signal strength measurements were taken. This method of signal evaluation has drawbacks. In particular, it must be stressed that the accuracy of the measurement method is directly related to the number of measurements made and the period of time over which they were taken. In the case of our survey, it was necessary to carry out all measurements over the summer period and therefore, each reading is essentially a one shot effort indicating the signal level of a particular station at a particular location, time and date. Seasonal and weather variations which could affect the overall coverage of a station were not taken into account.

In other TV surveys in the Atlantic Region, it has been the practice of the CRTC to carry out a subjective survey of TV reception at the same time as DOC carried out the technical survey. In this way a two tier approach to evaluating TV reception was possible (DOC Technical/CRTC subjective) permitting a relatively accurate method of assessing overall TV coverage.

Unfortunately, in the case of Prince Edward Island, the CRTC was not able to carry out their subjective survey. Therefore, this report considers only the DOC technical findings and must be considered in that light.

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INTRODUCTION

This report concerns itself only with television reception in the province of Prince Edward Island from TV stations operating in Prince Edward Island, Nova Scotia and New Brunswick.

During the summer of 1975, Prince Edward Island was the home of 2 operating television stations. The coverage of these stations is determined by a theoretical, statistically based method, whereby it can be established that a certain percentage of potential receiving locations will be able to receive a satisfactory signal for some defined minimum percentage of time.

Theoretically, television coverage is defined using Grade "A" and "B" coverage areas. In general terms, the grade "A" contour is that contour within which we can expect to receive a satisfactory signal using an indoor antenna, whereas the grade "B" contour defines an area within which a satisfactory signal can be obtained using an outdoor antenna pointed toward the station in question.

Unfortunately, even though a community may be shown to be within the theoretical A or B coverage area of a given station, it may be impossible to receive a good signal in that location. This occurs where the receiving location is shadowed from the transmitting site by a rise of land or other obstruction. There is also the possibility that although the signal received is of high intensity, the actual picture may be distorted as a result of multiple reflections from highly irregular terrain.

PURPOSE

The purpose of the study was to collect and analyze data concerning technical field coverage of all TV stations in Prince Edward Island with a view to establishing:

- a) Areas of the province which do not now receive satisfactory TV service.
- b) Variations between the calculated and measured Grade A and B contours.
- c) Permanent checkpoints to be used by field inspectors in the course of a station inspection.
- d) A sound basis by which our field staff can judge interference and lack of coverage complaints.

METHOD

In order to meet the above objectives and due to the nature of the frequency band in question (VHF line of site reception), a carefully planned and technically sound measurement programme must be undertaken if the results obtained are to be meaningful for this Department. For this reason, in specifying the measurement procedure to be followed and analyzing the results, the following must be considered:

(1) The required field strength for the various grades of service varies with the frequency of the channel under consideration. Interfering signals from other transmitters on the same or adjacent channels may limit service of higher values of field strength. The following is a table listing the generally accepted values of the median field strength required for various grades of TV service in the absence of interfering signals.

	Grade A	Grade B
Channels 2 - 6	2500 uV/m(68 dbu)	225 uV/m(47 dbu)
Channels 7 - 13	3500 uV/m(71 dbu)	630 uV/m(56 dbu)

(2) The above levels are defined as the median field obtained with a receiving antenna designed for the appropriate frequency at a height of thirty feet above ground and oriented towards the transmitter. As our measurements were carried out with an antenna 7 feet above ground, a correction factor to allow for the difference in height has been added to the reading obtained in order that correlation between predicated A & B service areas and measured values is maintained. In classic propagation theory, it is common to assume field strengths to increase linearly with antenna height. This assumes a smooth earth condition between receiver and transmitter. As a result however of previous field measurements, factors for various topographical conditions have been arrived at.

METHOD (Cont'd)

Channel	Smooth Unobstructed Terrain	Rolling Hilly Terrain	Rough Terrain
2 - 6	9.5	8 db	7 db
7 - 13	9.5	7 db	5 db

(3) The variation of field strength with location must be taken into account in measuring the field strengths as well as in specifying service, therefore a number of readings were taken at each location over a distance of .5 to one mile and averaged to arrive at a median value for the area under consideration.

A more detailed description of the procedure in this study is as follows:

Equipment: A Rohde and Schwarz Type HFV VHF field strength meter covering the band 25 MHz to 300 MHz was used. This meter and associated antennas can be calibrated to read in microvolts per meter or db above one microvolt per meter. Peak and average readings are available.

A vehicle equipped with a roof mounted, rotatable all channel TV antenna and a good quality TV set was used for transportation and for permitting a visual evaluation of the received signal quality and strengths in conjunction with the actual field measurements.

Measurements were taken along roads following as closely as possible to radial lines from the transmitter under consideration laid out along bearings separated by approximately 45 degrees beginning with true North (maximum number of radials per station would be 8, however, due to the ocean, unpopulated areas, etc. most stations were done with less radials). Measurements were made out to point where readings in the range of 20 to 50 microvolts per meter are obtained.

Approximately 10 sets of readings were taken on each radial. Each set of readings consists of a minimum of 3 readings

METHOD (Cont'd)

taken over a distance of one half to one mile. For example, for a radial to be followed 60 miles, sets of readings at 6 mile intervals have been taken. The first set consists of 3 measurements made between 5.5 and 6.5 miles, the average or median value of these readings is taken as the approximate field intensity at 6 miles. The next set of readings were taken between 11.5 and 12.5 miles, etc.

In the above method, some deviation from the measurement plan was made in order to accurately assess coverage in cities and towns. In these areas, measurements were taken throughout in order to identify any pockets of low signal level.

All measurements were, as far as possible, taken in areas free of power and telephone lines, wire fences and any other obstructions.

In compiling the field strength readings a special form was developed. The majority of the details on this form are self explanatory (ie. station power, measuring equipment, weather map, etc.). A more detailed explanation of other headings on the form is as follows:

- (1) Measured Values - This is the uncorrected value in db above one microvolt read on the field strength meter.
- (2) Antenna Correction - This is a value in db which is a correction factor provided with the field equipment and which varies with frequency. This factor when added to the reading obtained in (1) above provides the actual reading at that point in db above one microvolt per meter with an antenna height of 7 feet.
- (3) Height Correction - In order to compare the readings with theoretical A & B contours which are based on an antenna 30 feet high a correction factor in db is added to the reading obtained in (1) & (2) above.

ANALYSIS OF DATA

In the course of the field survey, studies were made on both operating TV stations in Prince Edward Island. The stations involved were as follows:

Prince Edward Island

<u>Town</u>	<u>Call Sign</u>	<u>Channel</u>	<u>Power(Watts)</u>
Charlottetown	CKCW-TV-1	8-	V - 14,500 A - 1,450
Charlottetown	CBCT	13+	V - 62,000 A - 12,400

The survey results are grouped by station, and placed in alphabetical order (station name) in Appendix I. Associated with the measured data on each station is a brief comment on the results of the measurements as well as a map comparing theoretical and measured A and B contours.

Appendix II contains measured data obtained at numerous schools throughout the province. At each school the complete TV spectrum was scanned and stations received were noted.

Prince Edward Island

Summary of Television Survey Findings

As noted previously, CRTC were unable, due to lack of resources, to carry out their subjective survey on Prince Edward Island. For this reason, it is difficult to arrive at substantive conclusions regarding TV coverage in P.E.I. based only on the Department's technical survey as the historical and supporting data normally provided by CRTC is not available.

Taking the above limitation into account, the following is a summary of our P.E.I. findings.

CBC English Language Service

CBC service is provided to Prince Edward Island through a wholly owned CBC station located in Charlottetown. Our measurements results indicate that the measured grade A and B contours are somewhat less than the predicted contours. In the west end of the Island, the towns of O'Leary, Alberton, and Tignish, receive less than grade B service and in the eastern extremity, the towns of Souris, Elmira, and Bear River are outside the measured B contour.

It should be noted that a fringe grade B signal is provided to O'Leary and Alberton from the Moncton New Brunswick CBC affiliate CHMT. Tignish however is well outside the grade B contour (predicted) of both stations.

No out of province CBC signal is received on the eastern end of the Island.

CTV Service

CTV service is provided to Prince Edward Island through a Moncton Broadcasting rebroadcaster (CKCW-TV-1) located west of Charlottetown. Parts of the Island also receive CTV signals

from stations located in New Brunswick and Nova Scotia.

Measured coverage of CKCW-TV-1 is close to the predicted coverage towards the east, but somewhat less than predicted coverage to the west. The town of Summerside receives only a fringe B level signal. This means that reliable reception is not available in some parts of the town from this station.

A grade B level signal from CTV stations in Inverness and Antigonish, Nova Scotia is provided to the eastern extremities of the Island. This coverage compliments that of CKCW-TV-1 in that area.

Similarly, CKCW Moncton complements the coverage of CKCW-TV-1 in the western part of P.E.I. and gives a grade B signal level to Summerside. Tignish, on the western tip of the Island, is not served by either station.

CBC French Language

No CBC French language stations are located on Prince Edward Island. The western part of the province from Borden to Alberton receives a grade B signal from CBAFT Moncton. Tignish is outside the predicted grade B contour of this station.

CONCLUSION

As described elsewhere the television service provided by the CBC and the CTV stations located on Prince Edward Island is not as extensive as predicted, particularly in the extreme westerly and eastern parts of the province.

Some of the areas do, however, receive grade B level signals from stations located in New Brunswick and Nova Scotia. However, the town of Souris in the east is without good CBC coverage and the town of Tignish in the west is without either CBC or CTV coverage.

In considering the P.E.I. results, it is important to note that only the DOC technical survey was carried out on the Island and our findings therefore do not reflect subjective evaluations or historical data.

CKCW-TV-1
CHARLOTTETOWN PEI

SUMMARY

CKCW-TV-1, Charlottetown, P.E.I.

As shown in the accompanying map the measured A and B contours meet or exceed the predicted contours in the Southerly direction only. As for the remainder of the province, the reduction in coverage can be partially explained by the rolling hilly terrain. The Department intends to carry out supplementary measurements in the Westerly direction during the summer of 1976 in order to properly assess the coverage in Summerside which lies on the fringe of the measured B contour.

STATION: CKCW-1 (Charlottetown)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 70C

CHANNEL 8
 POWER-VIDEO - 14.50 KW
 AUDIO - 1.45 KW

SHEET 1 OF 6
 DATE Apr. 29/75
 TIME 11:30AM-4:30PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
160	L25	45.0	River John, N.S. Jctn Rd. to Cape John on Hwy 6	38.9	11.7	9.5	60.1	(2)
177	L26	38.0	Tatamagouche, N.S. Jctn Hwy 6 & 246	42.1	11.7	9.5	63.3	(3)
192	L27	32.5	Wallace, N.S. Jctn Hwy 6 & Rd. to Wallace Stn.	40.1	11.7	9.5	61.3	(2)
208	L28	33.0	Pugwash, N.S. Jctn Hwy 6 & Rd. to McLean Pt.	30.6	11.7	9.5	51.8	(2)
194	L29	47.0	Wentworth Center Jctn Hwy 104 & 368	35.3	11.7	9.5	56.5	(3)
192	L30	51.0	Folly Lake at counties line on Hwy 104	35.3	11.7	9.5	56.5	(3)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CKCW-1 (Charlottetown)

EQUIPMENT	<u>Rohde & Schwarz, Type HFV</u>
WEATHER	<u>Sunny</u>
TEMPERATURE	27°C

CHANNEL 8
POWER-VIDEO - 14.50 KW
AUDIO - 1.45 KW

SHEET 2 OF 6
DATE July 3/75
TIME 11:30AM-

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CKCW-1 (Charlottetown)

EQUIPMENT

Rohde & Schwarz, Type HFV

CHANNEL 8

WEATHER

POWER - VIDEO - 14.50 KW

TEMPERATURE

AUDIO - 14.50 KW

AUDIO - 1.45

SHEET 3 OF 6

DATE June 8/75

TIME

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CKCW-1 (Charlottetown)

SHEET 4 OF 6

DATE Aug. 6,7/75

TIME

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 20°C

CHANNEL 8
 POWER-VIDEO - 14.50 KW
 AUDIO - 1.45 KW

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dBμv)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (dBμv/M)	SUBJECTIVE TESTS & REMARKS
265	C152	17.0	Borden	37.0	13.0	7.0	57.0	(4)
283	C153	19.0	Central Bedeque	32.7	13.0	7.0	52.7	(3)
298	C154	21.5	Traveller's Rest	40.0	13.0	7.0	60.0	(3)
317	C155	24.0	Malpeque	28.3	13.0	7.0	48.3	(4)
354	C156	15.3	Cavendish	30.7	13.0	7.0	50.7	(4)
001	C157	6.0	2 miles Northwest of Hunter River	54.0	13.0	7.0	74.0	(1)
312	C158	13.0	Intersection of Rtes 2 & 8	35.0	13.0	7.0	55.0	(4)
317	C159	51.0	Alberton	18.0	13.0	7.0	38.0	(6)
325	C160	61.5	Nail Pond	23.7	13.0	7.0	43.7	(5)
300	C164	36.5	Intersection of Rtes 2 & 132	31.7	13.0	7.0	51.7	(4)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CKCW-1 (Charlottetown)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 23°C

CHANNEL 8
 POWER-VIDEO- 14.50 KW
 AUDIO- 1.45 KW

SHEET 5 OF 6
 DATE Aug. 7, 8, 12
 TIME _____

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbuv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbuv/M)	SUBJECTIVE TESTS & REMARKS
293	C165	33.5	2 miles east of intersection of Rtes 2 & 124	27.3	13.0	7.0	47.3	(5)
073	C166	7.0	Millton Station	73.7	13.0	7.0	93.7	(1)
051	C167	15.0	Stanhope	57.3	13.0	7.0	77.3	(1)
078	C168	16.0	Intersection of Rtes 2 & 6	56.7	13.0	7.0	76.7	(1)
152	C169	8.0	Intersection of Rtes 9 & 19A	77.0	13.0	7.0	97.0	(1)
210	C170	6.0	De Sable	60.0	13.0	7.0	80.0	(1)
252	C171	7.5	Crapaud	44.3	13.0	7.0	64.3	(2)
105	C172	21.0	Cherry Valley	61.0	13.0	7.0	81.0	(1)
124	C173	26.0	Pinette	59.3	13.0	7.0	79.3	(1)
114	C174	44.0	Murray Harbour	35.3	13.0	7.0	55.3	(4)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CKCW-1 (Charlottetown)

SHEET 6 OF 6

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 23°C

CHANNEL 8
 POWER-VIDEO- 14.50 KW
 AUDIO- 1.45 KW

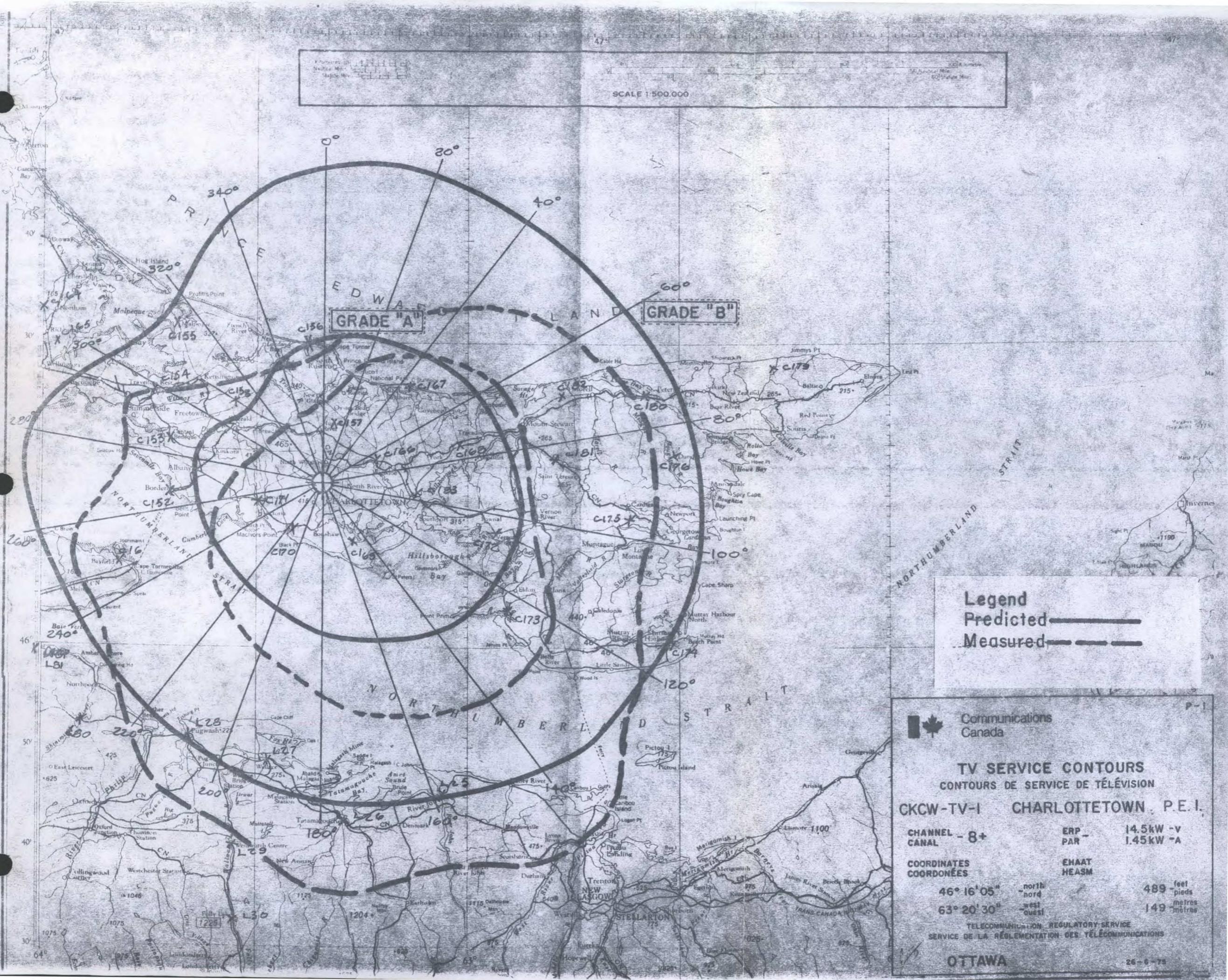
DATE Aug. 12, 13
 TIME

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
096	C175	34.0	Roseneath	35.7	13.0	7.0	55.7	(3)
085	C176	41.0	Dundas	33.3	13.0	7.0	53.3	(4)
083	C177	53.5	Souris	27.0	13.0	7.0	47.0	(5)
075	C179	53.0	Hermanville	19.3	13.0	7.0	39.3	(5)
074	C180	38.5	St. Peters	33.7	13.0	7.0	53.7	(4)
085	C181	25.5	Peakes	41.3	13.0	7.0	61.3	(3)
070	C182	29.0	St. Peters West	40.3	13.0	7.0	60.3	(2)
094	C183	11.0	Charlottetown	62.3	13.0	7.0	82.3	(1)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.



CBCT-TV
CHARLOTTETOWN PEI

SUMMARY

CBCT, Charlottetown, P.E.I.

As shown in the accompanying map the measured A and B coverage is much less than predicted, particularly in the Northern half of the province. This reduction in coverage can be partially explained by the terrain features.

STATION: CBCT (Charlottetown)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 7°C

CHANNEL 13
 POWER-VIDEO- 178 KW
 AUDIO- 35.8 KW

SHEET 1 OF 8
 DATE Apr. 29/75
 TIME 11:30AM-4:30PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
160	L25	41.0	River John, N.S. Jctn Hwy 6 & Rd. to Cape John	46.1	13.0	9.5	68.6	(2)
178	L26	35.0	Tatamagouche, N.S. Jctn Hwy 6 & 246	58.3	13.0	9.5	80.8	(1)
195	L27	29.0	Wallace, N.S. Jctn Hwy 6 & Rd. to Wallace Stn.	55.6	13.0	9.5	78.1	(2)
212	L28	30.0	Pugwash, N.S. Jctn Hwy 6 & Rd. to McLean Pt.	43	13.0	9.5	65.5	(3)
196	L29	44.0	Wentworth Center Jctn Hwy 104 & 368	31.5	13.0	9.5	54.0	(5)
194	L30	48.0	Folly Lake at counties line on Hwy 104	26.1	13.0	9.5	48.6	(6)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

EQUIPMENT	Rohde & Schwarz, Type HFV
WEATHER	Sunny
TEMPERATURE	27°C

STATION: CBCT (Charlottetown)

CHANNEL 13
POWER-VIDEO - 178 KW
AUDIO - 35.8 KW

SHEET 2 OF 8
DATE July 3/75
TIME 11:30AM

NOTE: Distances approximate only.

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

MEASURED BY:

STATION: CBCT (Charlottetown)SHEET 3 OF 8

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 18°C

CHANNEL 13
 POWER-VIDEO- 178 KW
 AUDIO- 35.8 KW

DATE June 8,9/75TIME

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
270	C19	60.0	Shediac, N.B.	18.0	14.8	9.0	41.8	No subjective tests.
278	C20	62.0	Cocagne	27.7	14.8	9.0	51.5	No subjective tests.
269	C21	71.0	Irishtown	21.3	14.8	9.0	45.1	No subjective tests.
280	C22	74.0	Kent Boom	33.0	14.8	9.0	56.8	No subjective tests.
285	C23	69.0	Buctouche	33.3	14.8	9.0	57.1	No subjective tests.
292	C24	79.0	Rexton	23.3	14.8	9.0	47.1	No subjective tests.
298	C25	85.0	Moles River	15.7	14.8	9.0	39.5	No subjective tests.

NOTE: Distances approximate only

MEASURED BY: _____

Grade "A" contour 71 dbu; Grade "B" 56 dbu,

STATION: CBCT (Charlottetown)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 16°C

CHANNEL 13
 POWER-VIDEO- 178 KW
 AUDIO- 35.8 KW

SHEET 4 OF 8
 DATE June 7, 8/75
 TIME _____

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
253	C9	68.0	Hillsborough, N.B.	23.3	14.8	9.0	47.1	(5)
248	C8	66.0	Hopewell Cape	30.7	14.8	9.0	54.5	(4)
245	C7	76.0	Albert	18.3	14.8	9.0	42.1	(5)
252	C10	49.0	Midgic	27.7	14.8	9.0	51.5	No subjective tests.
248	C12	55.0	Sackville	31.7	14.8	9.0	55.5	No subjective tests.
257	C14	61.0	Memramcook	14.0	14.8	9.0	37.8	No subjective tests.
250	C13	66.0	Dorchester	19.7	14.8	9.0	43.5	No subjective tests.
256	C16	24.0	Bayfield	59.7	14.8	9.0	83.5	No subjective tests.
253	C17	39.0	Port Elgin	36.3	14.8	9.0	60.1	No subjective tests.
270	C18	45.0	Cap Pele	35.7	14.8	9.0	59.5	No subjective tests.

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CBCT (Charlottetown)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 23°C

CHANNEL 13
 POWER-VIDEO - 178 KW
 AUDIO - 35.8 KW

SHEET 5 OF 8
 DATE Aug, 6, 7/75
 TIME

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
179	C152	17.5	Borden, P.E.I.	59.3	14.8	7.0	81.1	(1)
195	C153	20.0	Central Baddeck	50.0	14.8	7.0	71.8	(1)
307	C154	23.5	Traveller's Rest	51.3	14.8	7.0	73.1	(2)
323	C155	27.5	Malpeque	49.0	14.8	7.0	70.8	(2)
355	C156	19.0	Cavendish	49.0	14.8	7.0	70.8	(2)
359	C157	11.0	2 miles northwest of Hunter River	58.7	14.8	7.0	80.5	(1)
323	C158	16.0	Intersection of Rtes 8 & 2	58.7	14.8	7.0	80.5	(1)
320	C159	54.0	Alberton	34.0	14.8	7.0	55.8	(3)
327	C160	67.5	Nail Pond	31.3	14.8	7.0	53.1	(4)
311	C161	61.0	Campbellton, P.E.I.	24.3	14.8	7.0	46.1	(5)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CBCT (Charlottetown)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 24°C

CHANNEL 13
 POWER-VIDEO- 178 KW
 AUDIO- 35.8 KW

SHEET 6 OF 8
 DATE Aug. 7, 8/75
 TIME

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dB _μ V)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (dB _μ V/M)	SUBJECTIVE TESTS & REMARKS
299	C162	58.0	West Point	27.0	14.8	7.0	48.8	(5)
311	C163	48.0	Intersection of Rtes 2 & 12	36.7	14.8	7.0	58.5	(3)
305	C164	38.5	Intersection of Rtes 2 & 137	48.0	14.8	7.0	69.8	(2)
298	C165	35.0	2 miles east of intersection of Rtes 2 & 124	42.0	14.8	7.0	63.8	(4)
047	C166	9.0	Millton Station	73.3	14.8	7.0	95.1	(1)
040	C167	17.5	Stanhope	64.0	14.8	7.0	85.8	(1)
063	C168	16.0	Intersection of Rtes 2 & 6	64.0	14.8	7.0	85.8	(1)
247	C169	5.0	Intersection of Rtes 9 & 19A	80.0	14.8	7.0	101.8	(1)
246	C170	4.0	De Sable	82.7	14.8	7.0	104.5	(1)
283	C171	7.5	Crapaud	61.7	14.8	7.0	83.5	(1)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CBCT (Charlottetown)SHEET 7 OF 8

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 25°C

CHANNEL 13
 POWER-VIDEO- 178 KW
 AUDIO- 35.8 KW

DATE Aug. 12/75TIME

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(db μ v)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (db μ v/M)	SUBJECTIVE TESTS & REMARKS
094	C172	20.0	Cherry Valley, P.E.I.	72.0	14.8	7.0	93.8	(1)
116	C173	24.0	Pinette	60.3	14.8	7.0	82.1	(1)
109	C174	42.5	Murray Harbour	33.0	14.8	7.0	54.8	(4)
089	C175	33.5	Roseneath	37.0	14.8	7.0	58.8	(3)
79	C176	41.0	Dundas	44.3	14.8	7.0	66.1	(3)
78	C177	54.0	Souris	27.3	14.8	7.0	49.1	(5)
70	C179	54.0	Hermanville	25.0	14.8	7.0	46.8	(5)
68	C180	39.5	St. Peters	33.7	14.8	7.0	55.5	(4)
76	C181	28.0	Peakes	42.7	14.8	7.0	64.5	(3)
62	C182	30.0	St. Peters West	46.3	14.8	7.0	68.1	(1)

NOTE: Distances approximate only

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CBCT (Charlottetown)

EQUIPMENT Rohde & Schwarz, Type HFV
WEATHER Cloudy
TEMPERATURE 25°C

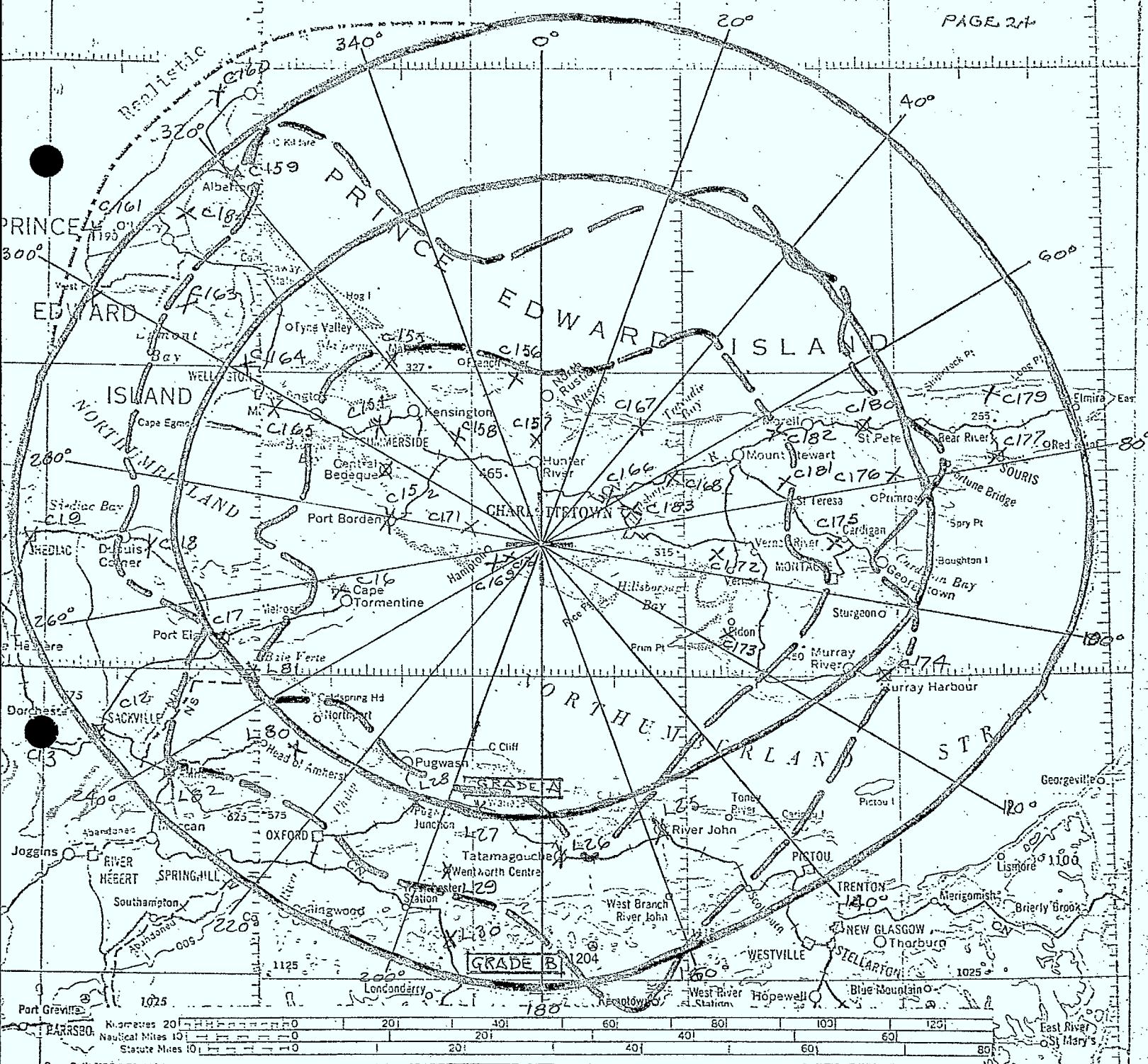
CHANNEL 13
POWER-VIDEO - 178 KW
AUDIO - 35.8 KW

SHEET 8 OF 8
DATE Aug. 12/75
TIME

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" .56 dbu.



CANADIAN BROADCASTING CORPORATION
ENGINEERING HEADQUARTERS, MONTREAL

TRANSMISSION SYSTEMS DEPARTMENT

Proposed Charlottetown T.V. P.E.I.
Power Increase CH. 13+(CBCT)
Lat. $46^{\circ} 12' 40''$ N
Long. $63^{\circ} 20' 25''$ W
Max. E.R.P. 325 KW

DRAWN R.F.	ENGR. J.K.	DATE Mar/71
APPROVED BY <i>(Signature)</i>	NO. T-5190-A	

SCHOOLS

PRINCE EDWARD ISLAND

TELEVISION CHANNEL INDEX

<u>Channel</u>	<u>Call Sign</u>	<u>Station</u>	<u>Network</u>
2	CKCW-TV	Moncton, N.B.	CTV
4	CBHT-5	New Glasgow, N.S.	CBC
6	CJCB-TV-1	Inverness, N.S.	CTV
7	CHMT-TV	Moncton, N.B.	CBC
8	CKCW-TV-1	Charlottetown, P.E.I.	CTV
9	CJCB-TV-2	Antigonish, N.S.	CTV
10	CBHFT-4	Cheticamp, N.S.	CBC
11	CBAFT	Moncton, N.B.	CBC
12	CBIT-1	Mulgrave, N.S.	CBC
13	CBCT	Charlottetown, P.E.I.	CBC

SCHOOLS: P.E.I.

EQUIPMENT Rohde & Schwarz, Type HFV

SHEET 1 OF 4

WEATHER Sunny

DATE August 13, 1975

TEMPERATURE 28°C

TIME _____

SCHOOLS	CHANNEL	MEASURED VALUE	ANT. CORRECTION	HEIGHT CORRECTION	CORRECTED VALUE	SUBJECTIVE TESTS REMARKS
Ellerslic Consolidated	2	28	3.3	9.0	40.3	5
	7	31	13.0	8.0	52.0	4
	8	34	13.5	8.0	55.5	4
	11	39	14.5	8.0	61.5	3
	13	51	14.8	8.0	73.8	1
Merritt Callaghan Junior High	2	36	3.3	9.0	49.3	4
	7	39	13.0	8.0	60.0	3
	11	40	14.5	8.0	62.5	2
	13	28	14.8	8.0	50.8	5

NOTE: Grade "A" channels 2-6, 68 dbu; 7-13, 71 dbu.

MEASURED BY: _____

Grade "B" channels 2-6, 47 dbu; 7-13, 56 dbu.

SCHOOLS: E.I.

EQUIPMENT Rohde & Schwarz, Type HFV

WEATHER Sunny

TEMPERATURE 28°C

SHEET 2 OF 4

DATE August 13, 1975

TIME

SCHOOLS	CHANNEL	MEASURED VALUE	ANT. CORRECTION	HEIGHT CORRECTION	CORRECTED VALUE	SUBJECTIVE TESTS REMARKS
Eastern Kings Consolidated	6	42	6.6	9.0	57.6	2
	7	24	13.0	8.0	45.0	5
	8	28	13.5	8.0	49.5	5
	10	36	14.2	8.0	58.2	2
	12	28	14.6	8.0	50.6	5
	13	26	14.8	8.0	48.8	5

NOTE: Grade "A" channels 2-6, 68 dbu; 7-13, 71 dbu.

Grade "B" channels 2-6, 47 dbu; 7-13, 56 dbu.

MEASURED BY:

SCHOOLS: P.E.I.

EQUIPMENT Rohde & Schwarz, Type HFV

SHEET 3 OF 4

WEATHER Sunny

DATE August, 1975

TEMPERATURE 28°C

TIME

SCHOOLS	CHANNEL	MEASURED VALUE	ANT. CORRECTION	HEIGHT CORRECTION	CORRECTED VALUE	SUBJECTIVE TESTS REMARKS
Montague Junior High	4	20	4.7	9.0	33.7	5
	6	29	6.6	9.0	44.6	4
	7	22	13.0	8.0	43.0	6
	8	27	13.5	8.0	48.5	5
	9	34	13.8	8.0	55.8	3
	10	24	14.2	8.0	46.2	6
	12	25	14.6	8.0	47.6	6
	13	30	14.8	8.0	52.8	5

NOTE: Grade "A" channels 2-6, 68 dbu; 7-13, 71 dbu.

MEASURED BY:

Grade "B" channels 2-6, 47 dbu; 7-13, 56 dbu.

SCHOOLS: E.I.

EQUIPMENT Rohde & Schwarz, Type HFVSHEET 4 OF 4

WEATHER _____

DATE August, 1975

TEMPERATURE _____

TIME _____

SCHOOLS	CHANNEL	MEASURED VALUE	ANT. CORRECTION	HEIGHT CORRECTION	CORRECTED VALUE	SUBJECTIVE TESTS REMARKS
Tignish High School	2	24	3.3	9.0	36.3	6
	7	26	13.0	8.0	47.0	5
	11	16	14.5	8.0	38.5	6
	13	31	14.8	8.0	53.8	3
Alberton Regional High School	2	25	3.3	9.0	37.3	6
	7	32	13.0	8.0	53.0	4
	8	15	13.5	8.0	36.5	6
	11	34	14.5	8.0	56.5	4
	13	33	14.8	8.0	55.8	3

NOTE: Grade "A" channels 2-6, 68 dbu; 7-13, 71 dbu.
Grade "B" channels 2-6, 47 dbu; 7-13, 56 dbu.

MEASURED BY: _____

N.B. STATIONS

STATION: CKCW-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 16°C

CHANNEL 2
 POWER-VIDEO- 25 KW ERP
 AUDIO - 3.74 KW ERP

SHEET 1 OF 15
 DATE June 7/75
 TIME 9 AM - 6 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
254	C5	15.0	Elgin	53.7	3.3	7.0	64.0	(2) Averaged & adjusted.
289	C3	18.5	Petitcodiac	58.3	3.3	7.0	68.6	(2) Averaged & adjusted.
319	C2	16.5	Intersection of Rtes 6 & 895	69.7	3.3	7.0	80.0	(1) Averaged & adjusted.
351	C1	12.7	Intersection of Rtes 112 & 910	66.7	3.3	7.0	77.0	(1) Averaged & adjusted.
048	C9	9.7	Hillsborough	67.3	3.3	7.0	77.6	(1)
094	C8	11.6	Hopewell Cape	56.7	3.3	7.0	67.0	(1)
158	C7	8.6	Albert	59.3	3.3	7.0	69.6	(1)
201	C6	15.9	Alma	32.0	3.3	7.0	42.3	(3)
258	C4	25.7	Intersection of Rtes 2 & 14	39.3	3.3	7.0	49.6	(2)
007	C11	15.2	Gunningsville	60.3	3.3	7.0	70.6	(1)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" 68 dbu; Grade "B" 47 dbu.

STATION: CKCW-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 21°C

CHANNEL 2
 POWER-VIDEO - 25 KW ERP
 AUDIO - 3.74 KW ERP

SHEET 2 OF 15
 DATE June 8/75
 TIME 9 AM - 6 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
072	C10	26.3	Midgic	56.0	3.3	8.0	67.3	No subjective tests.
084	C12	22.0	Sackville	53.7	3.3	8.0	65.0	
054	C14	18.0	Memramcook	65.0	3.3	8.0	76.3	
079	C13	15.0	Dorchester	66.3	3.3	8.0	77.6	
022	C15	21.2	Painsec Junction	59.7	3.3	8.0	71.0	
069	C16	52.4	Bayfield	33.3	3.3	9.5	46.1	
070	C17	38.0	Port Elgin	47.0	3.3	9.5	59.8	
047	C18	36.6	Cap Pele	46.0	3.3	9.5	58.8	
027	C19	29.0	Intersection of Rtes 132 & 15.	54.3	3.3	9.5	67.1	
018	C20	34.8	Cocagne	44.0	3.3	9.5	56.8	

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" 68 dbu; Grade "B" 47 dbu.

STATION: CKCW-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 18°C

CHANNEL 2
 POWER-VIDEO - 25 KW ERP
 AUDIO - 3.74 KW ERP

SHEET 3 OF 15
 DATE June 9/75
 TIME 9 AM - 6 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(db μ v)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (db μ v/M)	SUBJECTIVE TESTS & REMARKS
004	C21	23.5	Irishtown	44.0	3.3	8.0	55.3	No subjective tests.
358	C22	38.3	Kent Boom	44.7	3.3	8.0	56.0	
007	C23	43.7	Intersection of Rtes 11 & 515	47.0	3.3	8.0	58.3	
358	C24	55.0	One mile West of Intersection of Rtes 116 & 11	36.0	3.3	8.0	47.3	
347	C25	52.0	Molus River	33.7	3.3	8.0	45	
336	C26	48.0	Harcourt	38.0	3.3	8.0	49.3	Averaged & adjusted.
337	C27	38.6	Coal Branch Station	42.3	3.3	8.0	53.6	Averaged & adjusted.
338	C28	30.0	Canaan Station	48.7	3.3	8.0	60.0	Averaged & adjusted.
350	C29	20.7	One mile North of Intersection of Rtes 126 & 2	64.0	3.3	8.0	75.3	

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" 68 dbu; Grade "B" 47 dbu.

STATION: CKCW-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 21°C

CHANNEL 2
 POWER-VIDEO- 25 KW ERP
 AUDIO - 3.74 KW ERP

SHEET 4 OF 15
 DATE June 12/75
 TIME 9 AM - 6 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
312	C30	51.3	20 miles West of Rtes 116 & 126	37.3	3.3	7.0	47.6	No subjective tests.
295	C31	55.4	Chipman	29.3	3.3	7.0	39.6	
285	C32	52.7	Cumberland Bay	37.0	3.3	7.0	47.3	
279	C33	55.2	Youngs Cove	34.3	3.3	7.0	44.6	
278	C34	48.4	Coles Island Turn Off	37.0	3.3	7.0	47.3	
254	C35	34.0	Sussex Corner	35.7	3.3	7.0	46.0	
293	C36	26.3	Havelock	50.0	3.3	7.0	60.3 (2)	
301	C37	30.8	Intersection of Rtes 112 & 885	53.0	3.3	7.0	63.3 (2)	
292	C38	38.4	13 miles East of Coles Island	52.3	3.3	7.0	62.6 (2)	
286	C39	62.8	Minto	41.3	3.3	7.0	51.6 (3)	

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" 68 dbu; Grade "B" 47 dbu.

STATION: CKCW-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 21°C

CHANNEL 2
 POWER-VIDEO - 25 KW ERP
 AUDIO - 3.74 KW ERP

SHEET 5 OF 15
 DATE June 17/75
 TIME 9 AM - 6 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
253	C43	45.8	Norton	23.3	3.3	7.0	33.6	(6)
241	C46	39.4	Hamondville 10 miles South of Sussex	30.0	3.3	7.0	40.3	(6)
335	C47	57.4	Kent Junction	33.7	3.3	8.0	45.0	(5)
355	C48	62.0	St. Louis de Kent	26.3	3.3	8.0	37.6	(6)
349	C49	61.0	1 mile North of St. Ignace	31.7	3.3	8.0	43.0	(6)
336	C50	71.0	Rogersville	33.3	3.3	8.0	44.6	(6)
336	C51	72.3	Collette	35.3	3.3	8.0	46.6	(6)
339	C52	76.0	Intersection of Barnaby River & Rte 126	28.0	3.3	8.0	39.3	(6)
344	C53	81.8	One mile North of Black River	17.0	3.3	8.0	28.3	(6)
347	C54	75.7	St. Margaret	27.3	3.3	8.0	38.6	(6)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" 68 dbu; Grade "B" 47 dbu.

STATION: CKCW-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 21°C

CHANNEL 2
 POWER-VIDEO - 25 KW ERP
 AUDIO - 3.74 KW ERP

SHEET 6 OF 15
 DATE June 20/75
 TIME 9 AM - 6 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbuv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbuv/M)	SUBJECTIVE TESTS & REMARKS
343	C55	71.8	Rosaireville	30.7	3.3	8.0	42.0	(6) Averaged & adjusted.
351	C56	66.7	Kouchibouguac	26.0	3.3	8.0	37.3	(6)
359	C57	76.5	Point Sapin Centre	24.7	3.3	8.0	36.0	(6)
358	C58	85.2	Baie Ste-Anne	22.0	3.3	8.0	33.3	(6)
351	C59	84.4	Bay-du-Vin	20.3	3.3	8.0	31.6	(6)
342	C60	86.3	Three miles East of Centre Napan	31.7	3.3	8.0	43.0	(6)
326	C62	78.8	Blackville	20.7	3.3	7.0	31.0	(6)
319	C63	75.0	Upper Blackville	33.0	3.3	7.0	43.3	(6)
309	C64	80.6	Doaktown	14.7	3.3	7.0	25.0	(6)
228	C74	49.8	St. Martins	26.7	3.3	7.0	37.0	(6)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" 68 dbu; Grade "B" 47 dbu.

STATION: CKCW-TV (Moncton)

EQUIPMENT	<u>Rohde & Schwarz, Type HFV</u>
WEATHER	<u>Sunny</u>
TEMPERATURE	21°C

CHANNEL 2
POWER-VIDEO - 25 KW ERP
AUDIO = 3.74 KW ERP

SHEET 7 OF 15
DATE June 20/75
TIME 9 AM - 6 PM

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" 68 dbu; Grade "B" 47 dbu.

STATION: CKCW-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 15°C

CHANNEL 2
 POWER-VIDEO- 25 KW ERP
 AUDIO- 3.74 KW ERP

SHEET 8 OF 15
 DATE May 10/75
 TIME 2 PM - 8 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dBμv)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (dBμv/M)	SUBJECTIVE TESTS & REMARKS
121	L43	65.5	S. Maitland	20.2	1.5	8.0	29.7	(6)
136	L45	59.0	Walton - Jctn Hwy 215 & Rd. to Walton Woods	34.0	1.5	8.0	43.5	(4)
143	L46	82.3	Mt. Uniacke 3.0 miles East of Exit 4 on Hwy 1	26.1	1.5	8.0	35.6	(6)
145	L47	74.0	Newport Corner One mile South Jctn Hwy 1 & 215	22.0	1.5	8.0	31.5	(6)
153	L48	71.0	Windsor Forks Jctn Hwy 14 & Rd. to Falmouth	27.3	1.5	8.0	36.8	(5)
149	L49	64.0	Hantsport Exit on Hwy 1	35.8	1.5	8.0	45.3	(3)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 68 dbu; Grade "B" 47 dbu.

STATION: CKCW-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 18°C

CHANNEL 2
 POWER-VIDEO - 25 KW ERP
 AUDIO - 3.74 KW ERP

SHEET 9 OF 15
 DATE May 11/75
 TIME 11:30AM-5:30PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
165	L52	59.0	South Alton - Jctn Hwy 12 & Rd. to Aylesford	45.8	1.5	8.0	55.3	(3)
175	L53	53.5	Sommerset - Jctn Hwy 360 & Rd. to Weston	27.5	1.5	8.0	37.0	(6)
179	L54	48.5	Harbourville - Jctn Hwy 360 & Rd. to Burlington	54.0	1.5	8.0	63.5	(1)
181	L55	55.0	Auburn	27.0	1.5	8.0	36.5	(6)
191	L56	57.0	Margaretsville	46.3	1.5	8.0	55.8	(2)
190	L57	63.0	Middleton Jctn Hwy 1 & 362	32.6	1.5	8.0	42.1	(5)
195	L58	70.5	Paradise - Jctn Hwy 1 & Rd. to Clarence	30.5	1.5	8.0	40.0	(4)
201	L59	80.0	Round Hill	37.3	1.5	8.0	46.8	(5)
204	L60	83.0	Annapolis Royal Jctn Hwy 1 & 8	22.7	1.5	8.0	32.2	(6)

NOTE: Distances approximate only.

MEASURED BY: _____

Grade "A" contour 68 dbu; Grade "B" 47 dbu.

STATION: CKCW-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 80°C

CHANNEL 2
 POWER-VIDEO - 25 KW ERP
 AUDIO - 3.74 KW ERP

SHEET 10 OF 15
 DATE May 23/75
 TIME 10:30AM-2PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
141	L75	39.0	Parrsboro Jctn Hwy 2 & 209	43.2	1.5	8.0	52.7	(2)
128	L76	33.0	West Brook Hwy 2	48.1	1.5	8.0	57.6	(3)
115	L77	39.5	Leamington - Jctn Hwy 2 & Rd. to Rodney	53.8	1.5	8.0	63.3	(2)
110	L78	40.0	Springhill - 1.5 mi. East of Jctn Hwy 2 & 142	52.6	1.5	8.0	62.1	(1)
99	L79	47.7	Oxford - Jctn Hwy 204 & 104	40.2	1.5	8.0	49.7	(6)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 68 dbu; Grade "B" 47 dbu.

STATION: CKCW-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 27°C

CHANNEL 2
 POWER-VIDEO- 25 KW ERP
 AUDIO- 3.74 KW ERP

SHEET 11 OF 15
 DATE July 3/75
 TIME 11:30AM-1PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
88	L80	45.0	Shinimicas Bridge	42.6	1.5	8.0	52.1	
76	L81	41.0	Tidnish	48.0	1.5	8.0	57.5	
92	L82	30.0	Amherst Jctn Hwy 104 & 6	50.3	1.5	8.0	59.8	

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 68 dbu; Grade "B" 47 dbu.

STATION: CKCW-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 50°C

CHANNEL 2
 POWER-VIDEO - 25 KW ERP
 AUDIO - 3.74 KW ERP

SHEET 12 OF 15
 DATE Apr. 29/75
 TIME 12:30 AM-2PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
92	L27	67.0	Wallace - Jctn Hwy 6 & Rd. to Wallace Station	35.3	1.5	8.0	44.8	(4)
90	L28	57.0	Pugwash - Jctn Hwy 6 & Rd. to McLean Pt.	40.2	1.5	8.0	49.7	(3)
105	L29	64.0	Wentworth Center Jctn Hwy 104 & 368	32.6	1.5	8.0	42.1	(5)
108	L30	66.0	Folly Lake at counties line on Hwy 104	28.8	1.5	8.0	38.3	(4)
128	L31	49.0	Five Islands	31.5	1.5	8.0	41.0	(5)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 68 dbu; Grade "B" 47 dbu.

STATION: CKCW-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 24°C

CHANNEL 2
 POWER-VIDEO- 25 KW ERP
 AUDIO- 3.74 KW ERP

SHEET 13 OF 15
 DATE Aug. 7, 8/75
 TIME _____

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
22	C162	58	West Point, P.E.I.	40.0	3.3	9.0	52.3	(4)
32	C163	67	Intersection of Rtes 12 & 2	40.3	3.3	9.0	52.6	(4)
40	C164	62	Intersection of Rtes 2 & 132	44.0	3.3	9.0	56.3	(3)
45	C165	59	2 miles east of intersection of Rtes 2 & 124	45.3	3.3	9.0	57.6	(3)
68	C168	93	Intersection of Rtes 2 & 6	14.3	3.3	9.0	26.6	(6)
73	C169	79	Intersection of Rtes 9 & 19A	21.7	3.3	9.0	34.0	(6)
70	C170	73	De Sable	26.3	3.3	9.0	38.6	(5)
67	C171	70	Crapaud	29.0	3.3	9.0	41.3	(5)
75	C172	94	Cherry Valley	29.3	3.3	9.0	41.6	(5)
80	C173	94	Pinette	28.0	3.3	9.0	40.3	(6)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 68 dbu; Grade "B" 47 dbu.

STATION: CKCW-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 23°C

CHANNEL 2
 POWER - VIDEO - 25 KW ERP
 AUDIO - 3.74 KW ERP

SHEET 14 OF 15
 DATE Aug. 6, 7/75
 TIME _____

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
62	C152	62.0	Borden, P.E.I.	37.3	3.3	9.0	49.6	(5)
57	C153	63.0	Central Bedeque	32.3	3.3	9.0	44.5	(5)
53	C154	66.0	Traveller's Rest	26.3	3.3	9.0	38.6	(5)
49	C155	72.0	Malpeque	28.3	3.3	9.0	40.6	(5)
57	C156	83.0	Cavendish	24.3	3.3	9.0	36.6	(6)
63	C157	80.0	2 miles northwest of Hunter River	20.6	3.3	9.0	33.0	(6)
58	C158	72.0	Intersection of Rtes 8 & 7	29.0	3.3	9.0	41.3	(6)
29	C159	76.0	Alberton	24.7	3.3	9.0	37.0	(6)
25	C160	87.0	Nail Pond	17.0	3.3	9.0	29.3	(6)
21	C161	70.0	Campbellton, P.E.I.	29.3	3.3	9.0	41.6	(5)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 68 dbu; Grade "B" 47 dbu.

STATION: CKCW-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER _____
 TEMPERATURE _____

CHANNEL 2
 POWER-VIDEO- 25 KW ERP
 AUDIO- 3.74 KW ERP

SHEET 15 OF 15
 DATE _____
 TIME _____

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(db μ v)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (db μ v/M)	SUBJECTIVE TESTS & REMARKS
25	C184	70	Intersection of Rtes 2 & 145	31.7	3.3	9.0	44.0	(9)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 68 dbu; Grade "B" 47 dbu.

STATION: CKCW-TV (Moncton)

EQUIPMENT: Rohde & Schwarz, Type HFV

WEATHER: Sunny with few clouds

TEMPERATURE: 0°C

CHANNEL 2

POWER-VIDEO— 25,000

AUDIO— 3,740

SHEET 1S OF 1S

DATE Jan 7/76

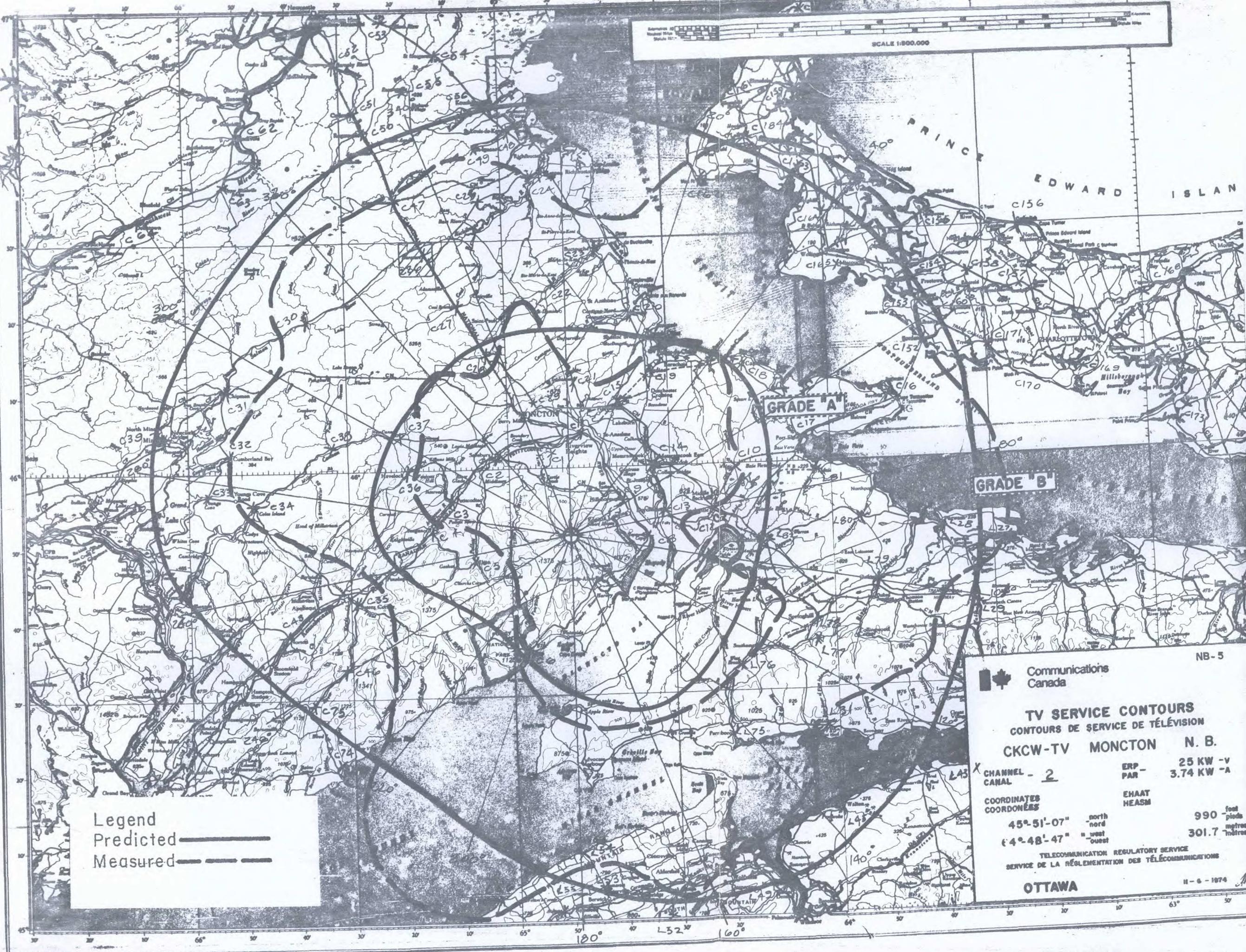
TIME 10:00-14:30

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbuv)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (dbuv/M)	SUBJECTIVE TESTS & REMARKS
040	1S	15.5	Memramcook West	64.0	3.3	8.0	75.3	(1)
045	2S	16.7	1.2 miles east of Memramcook West	67.4	3.3	8.0	78.7	(1)
054	3S	18.0	.5 mile north of Memramcook	79.5	3.3	8.0	90.7	(1)
054	4S	18.0	.5 mile south of Memramcook	77.0	3.3	8.0	88.3	(1)
058	5S	20.0	.5 mile north of Memramcook East	72.0	3.3	8.0	83.3	(1)
060	6S	20.0	.5 mile south of Memramcook East	70.0	3.3	8.0	81.3	(1)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 68 dbu; Grade "B" 47 dbu.



STATION: CHMT-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 16°C

CHANNEL 7
 POWER - VIDEO - 182 KW
 AUDIO - 36.4 KW

SHEET 1 OF 15
 DATE June 7/75
 TIME 9 AM - 6 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS	
								()	(3)
268	C5	17.5	Elgin	36.7	13.0	6.0	55.7	() Averaged & adjusted.	
293	C3	22.4	Petitcodiac	40.3	13.0	6.0	59.7	(3) Averaged & adjusted.	
318	C2	20.6	Intersection of Rtes 895 & 6	54.7	13.0	6.0	73.7	(1) Averaged & adjusted.	
340	C1	17.0	Intersection of Rtes 112 & 910.	59.3	13.0	6.0	78.3	(1) Averaged & adjusted.	
034	C9	9.5	Hillsborough	70.7	13.0	6.0	89.7	(1)	
076	C8	9.0	Hopewell Cape	64.0	13.0	6.0	83.0	(1)	
175	C7	5.0	Albert	57.7	13.0	6.0	76.7	(1)	
213	C6	17.0	Alma	31.3	13.0	6.0	50.3	(3)	
267	C4	28.5	Intersection of Rtes 2 & 14	26.7	13.0	6.0	45.7	(3)	
358	C11	18.0	Gunningsville	65.3	13.0	6.0	84.3	(1)	

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CHMT-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 21°C

CHANNEL 7
 POWER-VIDEO - 182 KW
 AUDIO - 36.4 KW

SHEET 2 OF 15
 DATE June 8/75
 TIME 9 AM - 6 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
064	C10	24.8	Midgic	67.3	13.0	8.0	88.3	No subjective tests.
075	C12	19.8	Sackville	61.3	13.0	8.0	82.3	No subjective tests.
041	C14	18.0	Memramcook	72.0	13.0	8.0	93.0	No subjective tests.
064	C13	13.2	Dorchester	76.3	13.0	8.0	97.3	No subjective tests.
012	C15	23.5	Painsec Junction	66.7	13.0	8.0	87.7	No subjective tests.
065	C16	50.8	Bayfield	48.0	13.0	8.0	69.	No subjective tests.
064	C17	36.7	Port Elgin	58.3	13.0	9.5	80.8	No subjective tests.
041	C18	36.8	Cape Pelé	60.0	13.0	9.5	82.5	No subjective tests.
019	C19	30.0	Intersection of Rtes 132 & 15	61.7	13.0	9.5	84.2	No subjective tests.
012	C20	37.0	Cocagne	49.7	13.0	8.0	70.7	No subjective tests.

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CHMT-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER cloudy
 TEMPERATURE 18°C

CHANNEL 7
 POWER-VIDEO- 182 KW
 AUDIO- 36.4 KW

SHEET 3 OF 15
 DATE June 9/75
 TIME 9 AM - 6 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
357	C21	26.5	Irishtown	68.7	13.0	8.0	89.7	No subjective tests.
354	C22	41.4	Kent Boom	50.0	13.0	8.0	71.0	
003	C23	46.2	Buctouche	50.3	13.0	8.0	71.3	
356	C24	58.0	Rexton	40.7	13.0	8.0	61.7	
345	C25	55.5	Moles River	37.7	13.0	8.0	58.7	
334	C26	51.8	Harcourt	45.0	13.0	8.0	66.0	Averaged & adjusted.
335	C27	42.7	Coal Branch Station	46.3	13.0	8.0	67.3	Averaged & adjusted.
335	C28	34.0	Canaan Station	54.0	13.0	8.0	75.0	Averaged & adjusted.
345	C29	24.5	One mile North of Intersection of Rtes 126 & 2	60.0	13.0	8.0	81.0	

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CHMT-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 21°C

CHANNEL 7
 POWER-VIDEO - 182 KW
 AUDIO - 36.4 KW

SHEET 4 OF 15
 DATE June 12/75
 TIME 9 AM - 6 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbuv)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (dbuv/M)	SUBJECTIVE TESTS & REMARKS
310	C30	55.5	20 miles West of Intersection of Rtes 116 & 126	30.3	13.0	6.0	49.3	
296	C31	60.0	Chipman	21.3	13.0	6.0	40.3	Averaged & adjusted.
287	C32	56.5	Cumberland Bay	25.7	13.0	6.0	44.7	
281	C33	58.5	Youngs Cove	23.3	13.0	6.0	42.3	
281	C34	51.6	Coles Island turn off	20.0	13.0	6.0	39.0	
260	C35	36.3	Sussex Corner	18.7	13.0	6.0	37.7	
296	C36	30.0	Havelock	37.7	13.0	6.0	56.7	(2)
302	C37	35.0	Intersection of Rtes 112 & 885	48.3	13.0	6.0	67.3	(2)
293	C38	43.3	13 miles East of Coles Island	38.7	13.0	6.0	57.7	(2)
287	C39	66.3	Minto	29.0	13.0	6.0	48.0	(4)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CHMT-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 21°C

CHANNEL 7
 POWER-VIDEO - 182 KW
 AUDIO - 36.4 KW

SHEET 5 OF 15
 DATE June 17/75
 TIME 9 AM - 6 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbuv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbuv/M)	SUBJECTIVE TESTS & REMARKS
257	C43	47.6	Norton	15.7	13.0	6.0	34.7	(6)
246	C46	40.5	Hamondville 10 miles South of Sussex on Rte 111	19.3	13.0	6.0	38.3	(6)
333	C47	61.0	Kent Junction	36.3	13.0	8.0	57.3	(4)
352	C48	65.2	St. Louis de Kent	36.3	13.0	8.0	57.3	(4)
347	C49	64.5	1 mile North of St. Ignace	30.7	13.0	8.0	51.7	(5)
335	C50	74.5	Rogersville	29.7	13.0	8.0	50.7	(5)
335	C51	75.8	Collette	18.7	13.0	8.0	39.7	(6)
345	C54	79.5	St. Margaret	26.0	13.0	8.0	47.0	(5)
341	C55	75.5	Rosaireville	28.3	13.0	8.0	49.3	(5) Averaged & adjusted.
349	C56	70.2	Kouchibouguac	23.0	13.0	8.0	44.0	(5)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CHMT-TV (Moncton)

EQUIPMENT	Rohde & Schwarz, Type HFV
WEATHER	Sunny
TEMPERATURE	21°C

CHANNEL 7
POWER - VIDEO - 182 KW
AUDIO - 36.4 KW

SHEET 6 OF 15
DATE June 8/75
TIME 9 AM - 6 PM

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CHMT-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 27°C

CHANNEL 7
 POWER-VIDEO - 182 KW
 AUDIO - 36.4 KW

SHEET 7 OF 15
 DATE July 3/75
 TIME 11:30 AM - 1PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
083	L80	40.0	Shinimicas Bridge	49.1	11.1	7.0	67.2	
069	L81	38.5	Tidnish	52.5	11.1	7.0	70.6	
083	L82	25.0	Amherst - Jctn Hwy 104 & 6	64.8	11.1	7.0	82.9	

NOTE: Distances approximate only

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CHMT-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 15°C

CHANNEL 7
 POWER-VIDEO- 182 KW
 AUDIO- 36.4 KW

SHEET 8 OF 15
 DATE May 23/75
 TIME 10:30AM-2PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dBμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dBμv/M)	SUBJECTIVE TESTS & REMARKS
143	L75	34.0	Parrsboro Jctn Hwy 2 & 209	37.9	11.1	7.0	56.0	(2)
129	L76	27.8	West Brook Hwy 2	45.7	11.1	7.0	63.8	(2)
114	L77	34.0	Leamington - Jctn Hwy 2 & Rd. to Rodney	63.3	11.1	7.0	81.4	(1)
108	L78	34.5	Springhill - 1.5 mi. East of Jctn Hwy 2 & 142	50.3	11.1	7.0	68.4	(1)
097	L79	42.5	Oxford - Jctn Hwy 204 & 104	44.8	11.1	7.0	62.9	(1)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CHMT-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 22°C

CHANNEL 7
 POWER-VIDEO- 182 KW
 AUDIO- 36.4 KW

SHEET 9 OF 15
 DATE May 12/75
 TIME 2 PM - 5 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbuv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbuv/M)	SUBJECTIVE TESTS & REMARKS
214	L66	92.0	Deep Brook - Jctn Hwy 1 & Rd. to Walden	21.2	11.1	7.0	39.3	(5)
193	L67	63.0	Nictaux Falls Jct Hwy 10 & Rd. to Torbrook	38.3	11.1	7.0	56.4	(3)
193	L68	70.3	Albany	24.0	11.1	7.0	42.1	(5)
207	L60	76.0	Annapolis Royal Jctn 1 & 8	30.5	11.1	7.0	48.6	(5)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CHMT-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 18°C

CHANNEL 7
 POWER-VIDEO- 182 KW
 AUDIO- 36.4 KW

SHEET 10 OF 15
 DATE May 11/75
 TIME 10:30AM-6PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
170	L50	75.0	New Ross - Jctn Hwy 12 & Rd. to Forties	17.3	11.1	7.0	35.4	(6)
170	L51	69.0	Aldersville - at Sheffern Lake on Hwy 12	28.8	11.1	7.0	46.9	(2)
170	L52	55.0	South Alton - Jctn Hwy 12 & Rd. to Aylesford	53.8	11.1	7.0	71.9	(1)
180	L53	50.0	Somerset - Jctn Hwy 360 & Rd. to Weston	30.9	11.1	7.0	49.0	(5)
184	L54	45.5	Harbourville - Jctn Hwy 360 & Rd. to Burlington	57.2	11.1	7.0	75.3	(1)
186	L55	54.5	Auburn	32.8	11.1	7.0	50.9	(3)
196	L56	55.0	Margaretsville	65.8	11.1	7.0	83.9	(2)
195	L57	61.7	Middleton - at Jctn Hwy 1 & 362	31.3	11.1	7.0	49.4	(2)
199	L58	68.5	Paradise - Jctn Hwy 1 & Rd. to Clarence	34.7	11.1	7.0	52.8	(2)
204	L59	78.3	Round Hill	42.1	11.1	7.0	60.2	(3)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CHMT-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 15°C

CHANNEL 7
 POWER-VIDEO- 182 KW
 AUDIO- 36.4 KW

SHEET 11 OF 15
 DATE May 10/75
 TIME 12 AM - 8 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
132	L41	77.0	Nine Mile River Hwy 14 & Rd. to Renfrew	21.7	11.1	7.0	39.8	(5)
137	L42	70.0	Rawdon Gold Mines Hwy 14 & Rd. to W. Gore	36.3	11.1	7.0	54.4	(4)
121	L43	72.0	S. Maitland	14.7	11.1	7.0	32.8	(5)
137	L45	53.0	Walton - Hwy 215 & Rd. to Walton Woods	43.3	11.1	7.0	61.4	(2)
144	L46	77.0	Mt. Uniacke - 3.0 miles from Exit 4 on Hwy 1	26.9	11.1	7.0	45.0	(6)
146	L47	69.0	Newport Corner One mile South of Jct Hwy 1 & 215	36.0	11.1	7.0	54.1	(5)
155	L48	65.5	Windsor Forks Jctn Hwy 14 & Rd. to Falmouth	27.3	11.1	7.0	45.4	(5)
151	L49	58.0	Hantsport, N.S. Exit to Hantsport on Hwy 1	40.8	11.1	7.0	58.9	(3)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CHMT-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 7°C

CHANNEL 7
 POWER-VIDEO - 182 KW
 AUDIO - 36.4 KW

SHEET 12 OF 15
 DATE Apr. 29/75
 TIME 12:30AM-4:30PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
96	L26	71.5	Tatamagouche, N.S. Jctn Hwy 6 & 246	25.0	11.1	7.0	43.1	(5)
90	L27	61.5	Wallace, N.S. Jctn Hwy 6 & Rd. to Wallace Station	38.7	11.1	7.0	56.8	(1)
87	L28	52.0	Pugwash, N.S. Jctn Hwy 6 & Rd. to McLean Pt.	50.7	11.1	7.0	68.8	(1)
104	L29	58.8	Wentworth Center Jctn Hwy 104 & 368	34.5	11.1	7.0	52.6	(2)
107	L30	60.0	Folly Lake, N.S. at counties line on Hwy 104	26.4	11.1	7.0	44.5	(4)
130	L31	43.5	Five Islands, N.S. Hwy 2	26.9	11.1	7.0	45.0	(4)
122	L32	53.0	Bass River, N.S. Hwy 2	22.5	11.1	7.0	40.6	(5)
115	L33	68.0	Masstown Jctn Hwy 104 & 2	22.0	11.1	7.0	40.1	(5)

NOTE: Distances approximate only.

MEASURED BY: _____

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CHMT-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 23°C

CHANNEL 7
 POWER-VIDEO- 182 KW
 AUDIO- 36.4 KW

SHEET 13 OF 15
 DATE Aug. 6, 7/75
 TIME _____

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbuv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbuv/M)	SUBJECTIVE TESTS & REMARKS
57	C152	59	Borden, P.E.I.	45.0	13.0	8.0	66.0	(2)
52	C153	61	Central Bedeque	33.3	13.0	8.0	54.3	(3)
48	C154	64	Traveller's Rest	41.0	13.0	8.0	62.0	(2)
45	C155	71	Malpeque	38.3	13.0	8.0	59.3	(2)
53	C156	80	Cavendish	30.7	13.0	8.0	51.7	(4)
60	C157	77	2 miles northwest of Hunter River	20.0	13.0	8.0	41.0	(6)
54	C158	70	Intersection of Rtes 8 & 2	44.7	13.0	8.0	65.7	(3)
24	C159	77	Alberton	33.3	13.0	8.0	54.3	(4)
22	C160	88	Nail Pond	23.7	13.0	8.0	44.7	(5)
17	C161	71	Campbellton	31.3	13.0	8.0	52.3	(4)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CHMT-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 24°C

CHANNEL 7
 POWER-VIDEO - 182 KW
 AUDIO - 36.4 KW

SHEET 14 OF 15
 DATE Aug. 7, 8/75
 TIME _____

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(db μ v)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (db μ v/M)	SUBJECTIVE TESTS & REMARKS
16	C162	60	West Point, P.E.I.	50.3	13.0	8.0	71.3	(2)
27	C163	67	Intersection of Rtes 12 & 2	39.3	13.0	8.0	60.3	(3)
34	C164	61	Intersection of Rtes 2 & 132	46.7	13.0	8.0	67.7	(2)
39	C165	58	2 miles east of intersection of Rtes 2 & 124	48.3	13.0	8.0	69.3	(2)
63	C166	81	Millton Station	30.8	13.0	8.0	51.8	(4)
61	C167	88	Stanhope	23.0	13.0	8.0	44.0	(5)
65	C168	90	Intersection of Rtes 2 & 6	21.3	13.0	8.0	42.3	(5)
69	C169	75	Intersection of Rtes 9 & 19A	28.7	13.0	8.0	49.7	(4)
66	C170	69	De Sable	34.7	13.0	8.0	55.7	(3)
63	C171	67	Crapaud	42.7	13.0	8.0	63.7	(3)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CHMT-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 25°C

CHANNEL 7
 POWER-VIDEO - 182 KW
 AUDIO - 36.4 KW

SHEET 15 OF 15
 DATE Aug. 13/75
 TIME

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
65	C182	102	St. Peter's West	18.3	13.0	8.0	39.3	(5)
68	C183	83	Charlottetown	22.3	13.0	8.0	43.3	(5)
22	C184	71	Intersection of Rte 2 & 145	36.3	13.0	8.0	57.3	(3)
72	C173	91	Pinette	39.0	13.0	8.0	60.0	(2)
78	C172	90	Cherry Valley	42.0	13.0	8.0	63.0	(2)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CHMT-TV (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny with few clouds
 TEMPERATURE 00C

CHANNEL 7
 POWER-VIDEO - 182,000
 AUDIO - 36,400

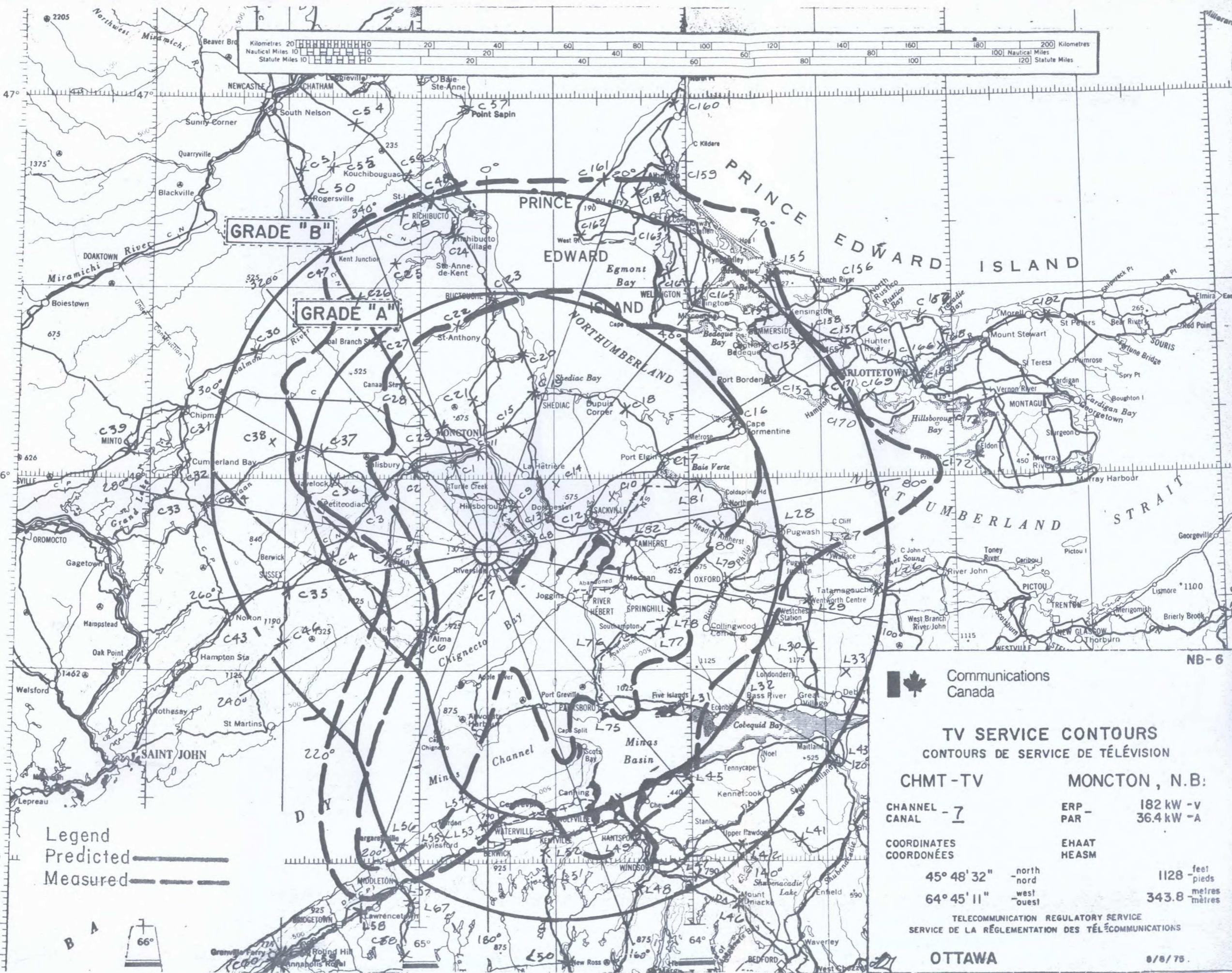
SHEET 1 OF 1
 DATE Jan 7/76
 TIME 10:00-14:30

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
040	1S	15.5	Memramcook West	68.0	13.0	8.0	89.0	(1)
045	2S	16.2	1.2 miles east of Memramcook West	79.0	13.0	8.0	100.0	(1)
054	3S	18.0	.5 mile north of Memramcook	74.0	13.0	8.0	95.0	(1)
054	4S	18.0	.5 mile south of Memramcook	73.5	13.0	8.0	94.5	(1)
058	5S	20.0	.5 mile north of Memramcook East	69.5	13.0	8.0	90.5	(1)
060	6S	20.0	.5 mile south of Memramcook East	67.0	13.0	8.0	88.0	(1)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.



STATION: CBAFT (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 16°C

CHANNEL 11
 POWER-VIDEO- 163 KW
 AUDIO - 33 KW

SHEET 1 OF 11
 DATE June 7/75
 TIME 9 AM - 6 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(db μ v)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (db μ v/M)	SUBJECTIVE TESTS & REMARKS
202	C5	27.2	Elgin	45.3	14.5	5.0	64.8	(2) Averaged & adjusted.
220	C3	20.5	Petitcodiac	60.7	14.5	5.0	80.2	(1) Averaged & adjusted.
220	C2	11.0	Intersection of Rtes 6 & 895	66.7	14.5	5.0	86.2	(1) Averaged & adjusted.
169	C1	7.5	Intersection of Rtes 112 & 910	77.7	14.5	5.0	97.2	(1) Averaged & adjusted.
143	C9	19.6	Hillsborough	52.3	14.5	5.0	71.8	(1)
145	C8	26.0	Hopewell Cape	40.3	14.5	5.0	59.8	(3)
166	C7	29.3	Albert	16.0	14.5	5.0	35.5	(5)
220	C4	33.4	Intersection of Rtes 2 & 14	45.3	14.5	5.0	64.8	(2)
135	C11	8.0	Gunningsville	81.7	14.5	5.0	101.2	(1)

NOTE: Distances approximate only.

MEASURED BY: _____

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CBAFT (Moncton)

EQUIPMENT

Rohde & Schwarz, Type HFV

WEATHER

Sunny

TEMPERATURE

32°C

CHANNEL 11

POWER-VIDEO - 163 KW

AUDIO - 33 KW

SHEET 2 OF 11

DATE June 8/75

TIME 9 AM - 6 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dBμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dBμv/M)	SUBJECTIVE TESTS & REMARKS
114	C10	31.5	Midgic	53.3	14.5	7.0	74.8	No subjective tests.
125	C12	31.0	Sackville	34.0	14.5	7.0	55.5	No subjective tests.
118	C14	21.1	Memramcook	49.3	14.5	7.0	70.8	No subjective tests.
134	C13	25.5	Dorchester	61.7	14.5	7.0	83.2	No subjective tests.
095	C15	11.5	Painsec Junction	79.0	14.5	7.0	100.5	No subjective tests.
092	C16	52.2	Bayfield	39.3	14.5	9.5	63.3	No subjective tests.
101	C17	40.0	Port Elgin	41.3	14.5	9.5	65.3	No subjective tests.
082	C18	30.8	Cape Pele	60.0	14.5	9.5	84.0	No subjective tests.
075	C19	16.7	Intersection of Rtes 132 & 15	66.3	14.5	9.5	90.3	No subjective tests.
048	C20	19.0	Cocagne	64.3	14.5	9.5	88.3	No subjective tests.

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CBAFT (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 18°C

CHANNEL 11
 POWER-VIDEO- 163 KW
 AUDIO- 33 KW

SHEET 3 OF 11
 DATE June 9/75
 TIME 9 AM - 6 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
062	C21	6.0	Irishtown	81.7	14.5	7.0	103.2	No subjective tests.
008	C22	17.8	Kent Boom	65.7	14.5	7.0	87.2	No subjective tests.
022	C23	24.3	Intersection of Rtes 11 & 515	64.0	14.5	7.0	85.5	No subjective tests.
003	C24	34.5	One mile West of Intersection of Rtes 116 & 11	41.0	14.5	7.0	62.5	No subjective tests.
346	C25	31.0	Moles River	49.7	14.5	7.0	71.2	No subjective tests.
325	C26	28.4	Harcourt	50.0	14.5	7.0	71.5	Averaged & adjusted.
322	C27	19.4	Coal Branch Station	59.3	14.5	7.0	80.8	Averaged & adjusted.
315	C28	10.5	Canaan Station	69.3	14.5	7.0	90.8	Averaged & adjusted.
292	C30	37.0	20 miles West of Intersection 110 & 126 on Rte 110	38.7	14.5	5.0	58.2	
274	C31	47.5	Chipman	19.3	14.5	5.0	38.8	

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CBAFT (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 21°C

CHANNEL 11
 POWER-VIDEO- 163 KW
 AUDIO- 33 KW

SHEET 4 OF 11
 DATE June 12/75
 TIME 9 AM - 6 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
262	C32	47.8	Cumberland Bay	28.0	14.5	5.0	47.5	No subjective tests.
257	C33	52.2	Youngs Cove	20.3	14.5	5.0	39.8	No subjective tests.
253	C34	46.4	Coles Island turn off	22.7	14.5	5.0	42.2	No subjective tests.
225	C35	41.8	Sussex Corner	24.7	14.5	5.0	44.2	No subjective tests.
244	C36	23.0	Havelock	38.0	14.5	5.0	57.5	(4)
259	C37	23.4	Intersection of Rtes 112 & 885	49.6	14.5	5.0	69.1	(3)
260	C38	32.4	13 miles East of Coles Island	49.7	14.5	5.0	69.2	(2)
267	C39	56.8	Minto	27.7	14.5	5.0	47.2	(3)
230	C43	52.5	Norton	14.0	14.5	5.0	33.5	(6)
218	C46	50.2	Hammondville - 10 miles South of Sussex	27.3	14.5	5.0	46.8	(6)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CBAFT (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 21°C

CHANNEL 11
 POWER-VIDEO- 163 KW
 AUDIO- 33 KW

SHEET 5 OF 11
 DATE June 17/75
 TIME 9 AM - 6 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(db μ v)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (db μ v/M)	SUBJECTIVE TESTS & REMARKS
327	C47	37.3	Kent Junction	53.3	14.5	7.0	74.8	(3)
349	C48	41.0	St. Louis de Kent	44.0	14.5	7.0	65.5	(3)
357	C49	40.0	1 mile North of St. Ignace	45.7	14.5	7.0	67.2	(4)
330	C50	50.8	Rogersville	41.0	14.5	7.0	62.5	(3)
331	C51	52.0	Collette	54.7	14.5	7.0	76.2	(4)
334	C52	56.2	Intersection of Barnaby River & Rte 126	29.0	14.5	7.0	50.5	(4)
342	C53	61.0	One mile North of Black River	29.3	14.5	7.0	50.8	(5)
346	C54	55.0	St. Margaret	37.7	14.5	7.0	59.2	(4)
340	C55	51.0	Rosaireville	38.0	14.5	7.0	59.5	(4) Averaged & adjusted.
352	C56	45.7	Kouchibouguac	43.0	14.5	7.0	64.5	(3)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CBAFT (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 23°C

CHANNEL 11
 POWER-VIDEO- 163 KW
 AUDIO- 33 KW

SHEET 6 OF 11
 DATE June 18, 19
 TIME 9 AM - 6 PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
003	C57	55.8	Point Sapin Centre	42.3	14.5	7.0	63.8	(3)
0	C58	64.4	Baie Ste-Anne	25.3	14.5	7.0	46.8	(5)
352	C59	63.7	Bay-du-Vin	29.0	14.5	7.0	50.5	(5)
340	C60	65.5	Three miles East of Centre Napan	23.0	14.5	7.0	44.5	(6)
320	C61	64.0	Quarryville	19.0	14.5	5.0	38.5	(6)
315	C62	60.7	Blackville	19.0	14.5	5.0	38.5	(6)
308	C63	58.0	Upper Blackville	30.7	14.5	5.0	50.2	(5)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CBAFT (Moncton)

EQUIPMENT

Rohde & Schwarz, Type HFV

WEATHER

Cloudy

TEMPERATURE

8°CCHANNEL 11POWER-VIDEO- 163 KWAUDIO- 33 KWSHEET 7 OF 11DATE May 23/75TIME 10:30 AM-2PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
152	L75	58.0	Parrsboro Jct Hwy 2 & 209	26.8	12.4	7.0	46.2	(3)
145	L76	51.0	West Brook	27.4	12.4	7.0	46.8	(5)
135	L77	54.0	Leamington Jct Hwy 2 & Rd. to Rodney	37.5	12.4	7.0	56.9	(5)
131	L78	53.0	Springhill - 1.5 mi East of Jctn Hwy 2 & 142	29.0	12.4	7.0	48.4	(3)
120	L79	58.0	Oxford Jct Hwy 204 & 104	28.5	12.4	7.0	47.9	(3)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CBAFT (Moncton)

EQUIPMENT	<u>Rohde & Schwarz</u> , Type HFV
WEATHER	<u>Sunny</u>
TEMPERATURE	27°C

CHANNEL 11
POWER-VIDEO - 163 KW
AUDIO - 33 KW

SHEET 8 OF 11
DATE July 3/75
TIME 11:30 AM-1PM

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CBAFT (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 50C

CHANNEL 11
 POWER-VIDEO- 163 KW
 AUDIO - 33 KW

SHEET 9 OF 11
 DATE Apr. 29/75
 TIME 11:30 AM-2PM

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(db μ v)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (db μ v/M)	SUBJECTIVE TESTS & REMARKS
110	L25	96.5	River John - Jctn Hwy 6 & Rd. to Cape John	18.0	12.4	7.0	37.4	(5)
111	L26	83.0	Tatamagouche Jctn Hwy 6 & 246	23.6	12.4	7.0	43.0	(6)
108	L27	72.5	Wallace - Jctn Hwy 6 & Rd. to Wallace Station	30.2	12.4	7.0	49.6	(5)
109	L28	63.0	Pugwash - Jctn Hwy 6 & Rd. to McLean Pt.	34.0	12.4	7.0	53.4	(1)
120	L29	75.0	Wentworth Center Jct Hwy 104 & 368	14.2	12.4	7.0	33.6	(6)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CBAFT (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny
 TEMPERATURE 23°C

CHANNEL 11
 POWER-VIDEO- 163 KW
 AUDIO- 33 KW

SHEET 10 OF 11
 DATE Aug. 6, 7, 8
 TIME

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
82	C152	59	Borden, P.E.I.	35.7	14.5	8.0	58.2	(3)
76	C153	58	Central Bedeque	31.0	14.5	8.0	53.5	(3)
71	C154	59	Traveller's Rest	44.7	14.5	8.0	67.2	(2)
65	C155	64	Malpeque	34.3	14.5	8.0	56.8	(3)
71	C156	77	Cavendish	26.3	14.5	8.0	48.8	(4)
75	C158	67	Intersection of Rtes 2 & 8	37.7	14.5	8.0	60.2	(4)
41	C159	62	Alberton	34.7	14.5	8.0	57.2	(4)
35	C160	71	Nail Pond	21.0	14.5	8.0	43.5	(6)
33	C161	52	Campbellton	33.7	14.5	8.0	56.2	(4)
37	C162	42	West Point	57.7	14.5	8.0	80.2	(1)

NOTE: Distances approximate only.

MEASURED BY: _____

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CBAFT (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Cloudy
 TEMPERATURE 23°C

CHANNEL 11
 POWER-VIDEO- 163 KW
 AUDIO- 33 KW

SHEET 11 OF 11
 DATE Aug. 8, 13/75
 TIME

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dbμv)	ANT CORR.(db)	H.F. CORR.(db)	F.I. (dbμv/M)	SUBJECTIVE TESTS & REMARKS
58	C164	51.0	Intersection of Rtes 2 & 132	49.3	14.5	8.0	71.8	(2)
65	C165	49	2 miles east of intersection of Rtes 2 & 124	48.3	14.5	8.0	70.8	(2)
82	C166	81	Millton Station	27.0	14.5	8.0	49.5	(5)
47	C163	54	Intersection of Rtes 2 & 12	41.0	14.5	8.0	63.5	(2)
78	C167	88	Stanhope	21.0	14.5	8.0	43.5	(5)
88	C169	78	Intersection of Rtes 9 & 19A	13.7	14.5	8.0	36.2	(6)
87	C170	72	De Sable	14.7	14.5	8.0	37.2	(6)
39	C184	55	Intersection of Rtes 2 & 145	32.7	14.5	8.0	55.2	(4)

NOTE: Distances approximate only.

MEASURED BY: _____

Grade "A" contour 71 dbu; Grade "B" 56 dbu.

STATION: CBAFT (Moncton)

EQUIPMENT Rohde & Schwarz, Type HFV
 WEATHER Sunny with few clouds
 TEMPERATURE 0OC

CHANNEL 11
 POWER-VIDEO - 163,000
 AUDIO - 33,000

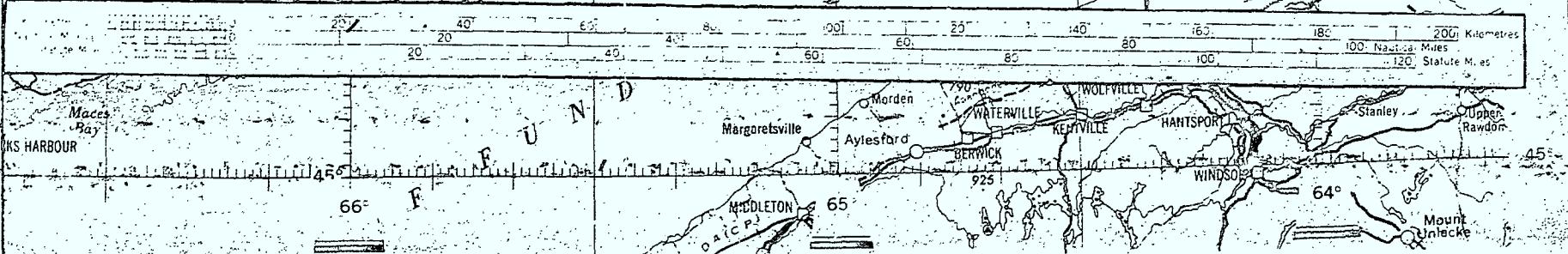
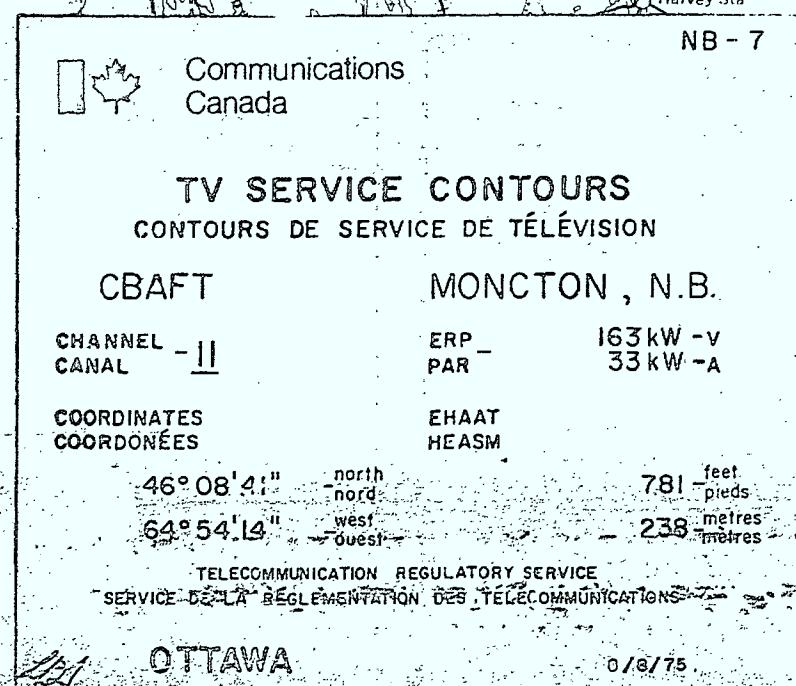
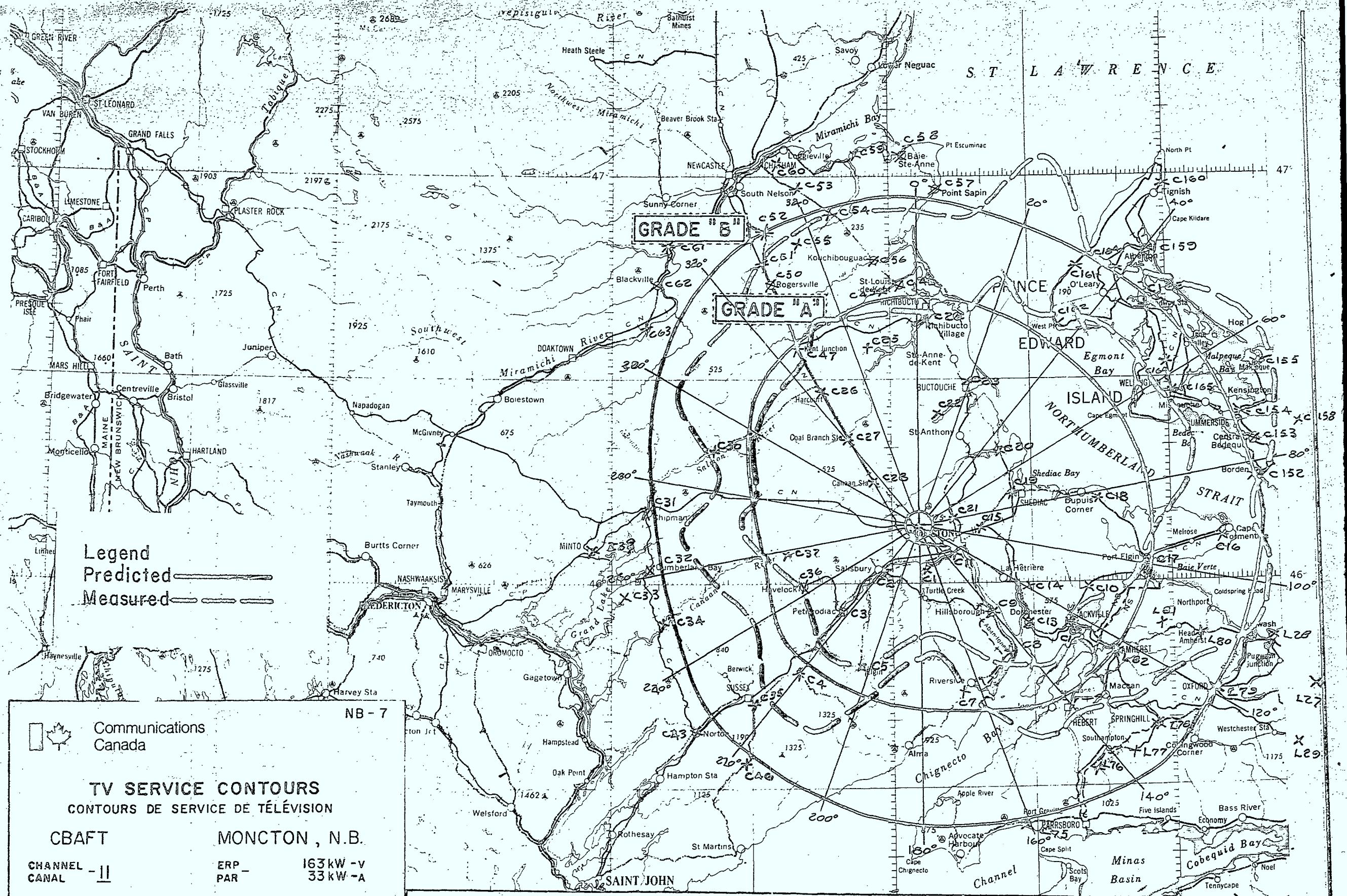
SHEET 1 OF 1
 DATE Jan 7/76
 TIME 10:00-14:30

RADIAL	CHECK POINT	DIST. TO STATION	LOCATION	MEAS. VALUE(dBμv)	ANT CORR.(db)	Ht. CORR.(db)	F.I. (dBμv/M)	SUBJECTIVE TESTS & REMARKS
040	1S	15.5	Memramcook West	64.0	14.5	7.0	85.5	(1)
045	2S	16.2	1.2 miles east of Memramcook West	56.5	14.5	7.0	78.0	(1)
054	3S	18.0	.5 mile north of Memramcook	59.0	14.5	7.0	80.5	(1)
054	4S	18.0	.5 mile south of Memramcook	55.5	14.5	7.0	77.0	(1)
058	5S	20.0	.5 mile north of Memramcook East	58.0	14.5	7.0	79.5	(1)
060	6S	20.0	.5 mile south of Memramcook East	54.0	14.5	7.0	75.5	(2)

NOTE: Distances approximate only.

MEASURED BY:

Grade "A" contour 71 dbu; Grade "B" 56 dbu.



N.S. STATIONS

