

HOUSE OF COMMONS
Fifth Session-Twenty-first Parliament
1951
(Second Session)

SPECIAL COMMITTEE
ON
DEFENCE EXPENDITURE

Chairman-Mr. DAVID A. CROLL

MINUTES OF PROCEEDINGS AND EVIDENCE
No. 4

THURSDAY, DECEMBER 13, 1951

WITNESS:
Mr. M. W. Mackenzie, CMG., Deputy Minister, Department of Defence
Production.

OTTAWA
EDMOND CLOUTIER, C.M.G., O.A., D.S.P.
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1952

MINUTES OF PROCEEDINGS

THURSDAY, December 13, 1951

The Special Committee on Defence Expenditure met this day at 11.30 o'clock a.m. Mr. David A. Croll, Chairman, presided.

Members present: Messrs. Adamson, Balcom, Blanchette, Campney, Cavers, Churchill, Drew, Fulton, Gauthier (*Portneuf*), George, Harkness, Henderson, Hunter, James, Jones, Macdonnell (*Greenwood*), MacDougall, McCusker, McIlraith, Power, Pinard, Quelch, Stick, and Wright. (24).

In attendance:

From the *Department of Defence Production*: Mr. M. W. Mackenzie, Mr. T. N. Beaupre, Mr. G. W. Hunter, and Miss Ruth E. Addison.

From the *Department of National Defence*: Mr. C. M. Drury, Mr. E. B. Armstrong, Mr. R. J. Sutherland, Mr. G. W. Dunn, and Mr. A. S. Duncan.

From the *Department of Finance*: Mr. R. Keith.

Before proceeding, Mr. Macdonnell called the attention of the Committee to a request for a tender from the Department of Defence Production. He quoted document S-20-K-909, dated October 22nd, 1951, and commented on the quantity required of this article to be tendered for.

In this connection, Mr. McIlraith suggested that, in future, notice of such questions as the one raised by Mr. Macdonnell should be given to the Sub-Committee on Agenda.

The Chairman tabled the following documents, prepared by the Department of National Defence, which were ordered printed as *appendices* to this day's evidence, namely:

Appendix L—

Construction of Barracks and Messes for the Armed Forces since April 1, 1950, showing locations, numbers, type, total and per capita cost.

Appendix M—

Return showing land and buildings purchased from April 1, 1950 to October 31, 1951, and leases of land and buildings in force on December 1, 1951.

Mr. M. W. Mackenzie was called and produced a document in answer to a question of Mr. Wright, and was questioned thereon.

Appendix N—

Orders placed by the Canadian Commercial Corporation and the Department of Defence Production on behalf of the Department of National Defence for selected items of operational equipment, April, 1950-November, 1951.

Ordered that the above documents be printed.

In relation to *Appendix N*, Mr. Drew asked that additional information be supplied with respect to the date of orders placed, and dates and points of deliveries.

After a discussion on procedure, the Chairman quoted the Order of Reference.

It was agreed to incorporate in the printed record for the convenience of the members of the Committee, and the officials concerned, or any other similar committee, lists of questions which the members care to submit to the Chairman, until Saturday, December 15.

The Chairman thanked Messrs. Drury and Mackenzie for their assistance and co-operation. Messrs. Drury and Mackenzie were retired.

After discussion, Mr. Drew moved that "when the Committee rises this day, it stand adjourned until Saturday at a time to be designated by the Chairman".

The question being put on Mr. Drew's motion, it was resolved in the negative on the following division:

Yeas: Messrs. Adamson, Churchill, Drew, Harkness, and Macdonnell. (5)

Nays: Messrs. Blanchette, Campany, Cavers, Gauthier (*Portneuf*), George, Henderson, Hunter, James, Jones, MacDougall, McCusker, McIlraith, Stick, and Wright. (14)

The question of presenting a report having been raised, it was agreed that no report would be presented to the House.

At 1.15 o'clock p.m., the Committee adjourned *sine die*.

ANTONIO PLOUFFE,
Clerk of the Committee

EVIDENCE

THURSDAY, December 13, 1951.

11:30 a.m.

The CHAIRMAN: Gentlemen, I see a quorum.

Mr. MACDONNELL: Mr. Chairman, may I ask the Department of Defence Production for information about a tender which I understand has been called for a certain article. I think now would be the time for me to do it. I have here, I suppose I should call it a request for a tender from the Department of Defence Production, dated October 22nd, 1951, and it is for 63,000 of what are described as "forks—serving". Well, that struck one of the people who was asked to tender as a strange order because he exhibited to me a sample of the article concerned, it seemed to me to be a rather mysterious sort of weapon, which he says it called for in this tender. I have one of them with me, Mr. Chairman, here it is. (Wooden handled long table fork displayed). I made inquiries about this both from hotel people and from merchants and they assure me that this by no stretch of the imagination could ever be wanted in that quantity; I mean, a large hotel might want a score or two score.

Mr. MACDOUGALL: What do they use them for?

Mr. MACDONNELL: Serving forks. I am quite an expert on it now. It is a serving fork and apparently it is used by the waiter when he comes along to the table at dinner and he has a platter with meat carved up on it and then as he goes along serving he ladles it out with his fork. I am told that this is not what is generally considered as a serving fork. It is not the kind of thing that I had exhibited to me in a hotel where I made certain inquiries, and I am assured by a responsible person that this is exactly similar to the kind of thing that was exhibited in the department in answer to an inquiry which was made pursuant to the call for tenders. There is one other thing which perhaps I might consider. There seems to be some difference as to departmental requirement—as to the amount—because a question was asked in the House about this number and the answer given was 40,000 not 63,000; but I still think there must be some extraordinary blunder in calling tenders for serving forks of this kind and in calling for, perhaps not for 63,000, but even for 40,000, of this dangerous instrument, or anything like that; but I thought, Mr. Chairman, that it would be well to mention it. I might say that the person who sent this information was convinced himself that there was a certain amount of carelessness and excess ordering in respect to some of the items, and I am given to understand that this is not the only one. Incidentally, the number of the tender is S-20-K-909, dated October 22nd, 1951.

Mr. MACDOUGALL: That could be used as an auxiliary bayonet too.

Mr. McILRAITH: Mr. Chairman, might I say a word before we go further? Could we not get some procedure in this committee whereby we could be given the tender number in advance. We could then get the information. There is no point in trying to discuss it now when there has been no opportunity to look up the record. It is very easy to turn up this sort of information and find out all about it if we have notice in advance. It seems to me that notice of this type of question should be given to the steering committee. It would be a more orderly procedure and more helpful to the committee at large. We are in the position of having the subject mentioned and put on the record as

evidence when we know nothing about it at this point. It would have been better to have it done in an orderly way and to have all the evidence put in at the same time. I suggest that the steering committee might develop a method of having notice of questions of this sort so that they can be disposed of at one sitting.

Mr. MACDONNELL: I am sorry if I have done anything disorderly, but it does seem to me that we have plenty of time still; I understand we are going to be here for weeks more.

The CHAIRMAN: I suppose we will have to feel our way as we go along. I had no idea what Mr. Macdonnell was likely to bring up, consequently there was no opportunity to decide whether it was proper or not but we will try to avoid that sort of thing in the future.

I have answers to three outstanding questions. One was by Mr. Wright on the construction of barracks and messes and recreational facilities since April 1st, 1950, by units and per capita cost. Would you pass that answer around please? It will be incorporated in the record.

(See Appendix L)

Construction of Barracks and Messes.

While that is being passed around there is an outstanding question by Messrs. Jones, Stick and Churchill relating to land purchased or leased by the Department of National Defence since April 1st, 1950, and leases of land and building in force at December 1st, 1951. That will also be incorporated into the record.

(See Appendix M: Land purchased and leased by Department of national Defence.)

The CHAIRMAN: Gentlemen, you now have copies of both of these statements that will be incorporated into the record. The only outstanding question we have now is the one requiring information on weapons requested by Mr. Macdonnell. I will have Mr. Mackenzie give the answer to that.

In the interest of orderliness it was thought that Mr. Mackenzie's statement should be printed into the record. He has something to add by way of explanation, then after that is given we will call Mr. Drury and continue where we left off. (See Appendix "N" Orders Placed by Canadian Commercial Corporation and Department of Defence Production for Department of National Defence.)

Mr. M. W. Mackenzie, Deputy Minister of Defence Production, recalled:

The WITNESS: In tabling this list of orders placed on behalf of the Department of National Defence, I would like to make just one or two explanatory comments. When the Department of Defence Production was established in April of this year, and in recognition of the marked expansion of the procurement program, it established a much more detailed statistical classification of orders placed than had been necessary prior to that time. The system which was adopted in substantially that followed in the United States. This involved a major expansion of our statistical organization and the employment of a punch card system. The department came into existence on the 1st of April, but the new statistical system only became operative in July. I will not attempt to describe the system of classification in any detail but just by way of illustration, prior to the introduction of this system we had a classification "vehicles", but now I am told that there are some 24 subclassifications of vehicles. I mention this simply so that the committee will know that in respect of orders that are being placed today we will be able to give a more extensive breakdown than we

could in relation to contracts placed in 1950. Now, if we have interpreted correctly the questions that have been asked, they have been directed to what might be described as operational equipment which, for example, in the case of vehicles would mean tanks, self-propelled weapons and military type vehicles to the exclusion of civilian type vehicles, such as passenger or load carrying or off-the-road vehicles. In an attempt to provide the details now requested of orders placed and payments made thereagainst—not only in respect of the orders currently being placed but going back to April, 1950—we have had to examine the major contracts that have been let since April, 1950. They have had to be tabulated in a way so that the expenditures against any of the contracts can be shown. The figures that have been prepared will, I hope, meet the committee's requirements, but I want to make it clear that they do not include a large number of relatively small orders. The totals given for the various categories are totals of major contracts only. I am satisfied that no major items have been omitted, but there has not been time to prove the figures by detailed reconciliation, which would involve the examination of tens of thousands of very small contracts. I might say that the contracts that are listed represent about 62 per cent of the total contracts let during the period. The balance, of course, would be accounted for largely by construction contracts; by the textile program, including clothing and footwear; by such items as fuel, food, barrack room stores, and so on. Now, the estimated values that are given are, in some instances, too low, although it is not yet possible to revise those estimates in any firm way.

By Mr. Harkness:

Q. What do you mean by "estimated values" there? As I understand this, you have here a list of the contracts which have been let.—A. That is right.

Q. That is not an estimate, is it?—A. The first column of figures in each case is the estimated value of the contract.

Q. In other words, these are not firm contracts, then?—A. Oh, yes, these are firm contracts.

Q. I mean, as far as the total amount is concerned?—A. Many of these contracts do not state a firm price.

Q. That is what I mean—I should have said a firm price.—A. We have had to estimate what the ultimate cost would be.

Mr. MACDONNELL: Does the word "value"—

The CHAIRMAN: Just a minute, gentlemen. We have followed the procedure of permitting the witness to finish his statement, and then if you would like some clarification he would answer questions. Please go on, Mr. Mackenzie.

The WITNESS: The first column shows estimated value, which is the estimate of the amount involved that was made at the time the contract was let. As I was explaining, some of those estimates are, to some extent, out of date. Some of them are too low. We know that costs are increasing since the contract was placed but we have not been able to revise each one of these estimates. In other cases, some of the estimates have been too high, and we have been able to do a little better, but it must be recognized that these are estimated values and it is the only thing that could be given at this stage. Some of the contracts are, as I said in my earlier statement, cost plus contracts where we do not know at all what the ultimate is going to be.

Mr. MACDONNELL: Mr. Mackenzie, may I interrupt? Mr. Chairman, are you really ruling that now that we are on this statement with itemized figures which the deputy is going over you do not want us to ask him questions about these figures?

The CHAIRMAN: You will be able to deal with these figures in a few minutes. Mr. Mackenzie is now making a statement that is explanatory to those figures. When he is finished you will be able to question him.

The WITNESS: As far as payments against individual contracts are concerned, those are labelled expenditures. I should point out that the aggregate figures of payments made against the total program do give an indication of the total progress to date. As you narrow this information down to specific types and, still further, as you narrow it down to individual contracts, it becomes more difficult to draw firm conclusions from those figures. For example, some contracts provide for a down payment. Some contracts provide for progress payments. In some cases payments are not made until delivery. Then there is the fact of certain pool orders which are placed. I explained in my earlier statement that we have, through the revolving fund of the department, placed pool orders, for example, for the propulsion machinery for the escort vessels; that is a contract, incidentally, which has been placed with the John Inglis Co. The payments made there cannot be related to each individual contract for a ship, which contract is with a shipyard.

Mr. WRIGHT: On the fourth page, Mr. Chairman, down near the bottom of the page, there is an item with respect to Sorel Industries Limited for 138 105 Howitzers, for \$846,197, and following that there is an item for the United States government in connection with 88 105 mm howitzers, and the value is \$1,457,646. Why is there such a difference there?

The CHAIRMAN: Mr. Wright, if you will please let the witness finish his statement, I will recognize you.

The WITNESS: Now, one important field in which it has not been possible to make a suitable analysis of orders placed is that of Electronics because of the technical nature of the equipment and the fact that it is usually, but not always, incorporated in some other piece of equipment. Consequently it is most difficult to analyze it statistically. Furthermore, in this field rather more than others, there is a large element of work which is classified for security reasons. Accordingly, I do not have a table of major electronic orders placed although it should be noted that the aircraft figures which are given do include the electronics gear that has to be actually embodied in the airframe. It has not been possible, to separate this out. But if I had to hazard a guess, I would say that the electronic equipment in that program must amount to between \$200 million and \$300 million. But it is not possible to pick it out individually. Electronic equipment is therefore aircraft figures.

However, in the case of ships the figures do not include the specialized electronic equipment that will be ultimately installed. Apart from these complications, as I have said, there is a substantial volume of orders in the electronics field which is classified. The principal item in the field that can be clearly identified is the mobile radar set known as the No. 4 mark VI. This order has been placed with Canadian Arsenals Limited, and has an estimated value of some \$35 million. Three hundred of these sets, however, are being built as part of our NATO mutual aid program.

The figures for payments that will be given are, of course, supplied by the Department of National Defence, since payments are to be made through the Department of National Defence. But the figures for orders placed are taken from records of the Department of Defence Production. One additional point should be mentioned. At the top of the first sheet, there is a summary. I would like to read it for greater clarity.

The list covers all major orders placed on behalf of the Department of National Defence for operational equipment, with the exception of specialized electronic items. The figures given for aircraft, however, include the value of the electronic gear to be embodied in the actual

DEFENCE EXPENDITURE

143

airframes. The estimated value of the orders and the expenditures there against relate to production contracts only and do not include those for capital assistance or development. The period covered is from April, 1950 to November, 1951.

One other item that is of importance is this: you will see at the bottom of the summary an item reading: "Expenditure for bulk orders placed with the United States government for divisional equipment" in the amount of \$46 million.

It is just not possible to allocate that \$46 million over the various individual items because the payments are made against a bulk order, which payments have been made to the United States government. It would relate largely to categories 2, 3, and 4. Orders marked with an asterisk are the ones against which this bulk payment of \$46 million applied. I think that is all I have to say, Mr. Chairman.

The CHAIRMAN: It is intended to have a short question period, and then revert to Mr. Drury. I think you have a question, Mr. Wright?

Mr. WRIGHT: Yes. I have a question in regard to page 2 of mimeographed price list.

The CHAIRMAN: You must speak up, Mr. Wright. You say your question is on page 2?

Mr. WRIGHT: That is right, on page 2 of mimeographed document.

The CHAIRMAN: Page 2 of Mr. Mackenzie's report?

Mr. WRIGHT: That is right. You will see there an item for Sorel Industries Limited of 138 105 mm. Howitzers with estimated value of \$1,500,000.

The CHAIRMAN: That would be about the middle of the page?

Mr. WRIGHT: In the lower part of the page.

By Mr. Wright:

Q. And for the United States government there is an item of 38 105 mm. Howitzers with an estimated value of \$1,457,646. Approximately the same amount of money is being paid for only 88 of those howitzers bought from the United States government as compared with \$1,500,000 for 138 of those howitzers being paid to Sorel Industries Limited. Might we have an explanation for that?—A. This is just an illustration of what I was saying, that the estimated values can be very misleading. The 88 howitzers were being bought from the United States government and that is the estimate we got from them on what we would have to pay. That is not a firm contractual price. That is an estimate which was received at the time. Now, in addition to buying 88 howitzers from the United States it was decided to manufacture this particular type of howitzer in Canada and it was thought at the time that the order would amount to \$1½ million, but whether that will prove to be the case, only time will tell.

Q. Then these figures do not really mean very much?—A. I was particularly careful to say that, when talking about these orders for equipment that are being made for the first time in Canada, it is practically impossible to be categorical as to what the items are going to cost.

Q. You will notice that there is a vast difference in these two items?—A. It may well be.

Q. It would look as if they could be made much cheaper at home than brought in from outside the country.—A. It may well be that the purchase from the United States will not amount to as much as that, or it may well be that the cost of manufacturing them in Sorel will be higher.

Mr. MACDOUGALL: It is a new venture, is it not?

The WITNESS: Yes, it is a new venture and I cannot say that is what it is going to cost.

By Mr. Drew:

Q. On the first page of the summary, the first item relates to small arms and machine guns, .60 calibre (15.2 mm) and under; does that include any rifles?—A. You can see the details of the item on the second page. Each of those items is fully detailed.

Q. Then there are no rifles which are not included on the second page?—A: No, only the items recorded. But you will notice the last item on the page which has to do with "parts, accessories and repairs for .303 rifles."

Q. What about that item for 20,951 .30 calibre rifles?—A. I am sorry. There are four orders here which are marked as "partly suspended"; and you will notice in the explanation at the top of the page that it says:

This figure includes orders for United States type small arms valued at \$1,103,621 on which procurement has been suspended pending clarification of the issue of standardization.

Q. That being so, it would be correct to say then that the total orders to Canadian Arsenals Limited are for 1,176 .22 caliber rifles, and there is no former order given them for rifles?—A. That is correct. And these orders that have been placed have been suspended.

Q. That is right. Now let me go on to machine guns. Where in this item are machine guns? I see that there are 12,291 Browning .5 machine guns, and that is an order placed with Canadian Arsenals Limited on which \$26,620 has been spent. Now, can you tell me when that order was placed?—A. I have not got the date here, Mr. Drew.

Q. Would you get that for me and say, so that we will understand these figures, that expenditures are made currently as delivery is completed. Is that not so? Just so we will understand these figures and the interpretation of them, expenditures are made currently as delivery is completed, is that so?—A. That depends on the terms of the contract. As I said earlier, some contracts provide for down payments, some contracts provide for progress payments—

Q. Yes?—A. Other contracts provide for payment only at the time of delivery. A very good illustration of that is the contract for trucks, military type vehicles.

Q. Yes?—A. In category 3 you will see the last item is General Motors of Canada, two and a half ton trucks. The expenditure is nil, but the amount of the order is \$13 million.

Those trucks are actually coming off the production now and so work has been done, but in that case we have not been billed by General Motors because—and I happen to know that particular one—payment is only made after final acceptance. We have not made payments to General Motors in that case.

Q. Well, I am simply dealing with the weapons of an infantry unit. The machine guns that are on order are Browning .5 machine guns and do we take it those are the only machine guns on order at this time?—A. This is a complete list of all major items, the same as the other.

Q. If that is so, I think we can take it those are the only machine guns on order at the present time—that is of standard machine guns? Then, I see an item of 2,025 .45 calibre sub-machine guns on order from the United States government on which no expenditure has been made, and I see beside that item that it is partly suspended—so there is no order at the present time for machine guns?—A. As I explained earlier all these items marked with the asterisk are those in the total group of items against which there has been \$46 million spent but which cannot be allocated to individual orders.

Q. But that is covered by the indication that the order has been suspended?
—A. Yes, but part of that might have been delivered. It may be that some part of this order have been delivered.

Mr. MACDONNELL: Would it not be a matter of record?

By Mr. Drew:

Q. You would be able to tell us?—A. I have not got the information here.

Q. Would you get that information?—A. In respect of—

Q. Of how many of the sub-machine guns have been delivered.

Then I see there is a small order of 734 .50 calibre machine guns. Do you know what type that is—it does not name the type?—A. I could not tell you.

Q. The reason I ask is that .5 and .50 are the same and I notice you have 12,291 Browning .5 machine guns?—A. I am afraid I cannot answer that.

Q. Could you get that information.

Of course, again in mentioning that, it is one of the orders that has been suspended—but you are going to get information as to the details.

Going further down there is an order with Harrington and Richardson Arms Company Limited for 4,440 survival weapons. Do you know what they are?

—A. I understand a survival weapon is for example issued to air crew, in event of their having to look after themselves in the bush.

Q. It is a .22 rifle?—A. Yes, I understand so.

Q. Where are Harrington and Richardson Arms Company located?—
A. Drummondville.

Q. Well, from this Mr. Mackenzie, might we take it that there are no PIAT's or similar weapons on order?—A. Well, Mr. Drew, PIAT's come under the heading of rocket launchers and there are separate sheets for each classification.

Q. Well, let us wait then—but what about bazookas, would they come under rocket launchers?—A. Yes.

Q. What about recoilless guns, under what heading do they come?—
A. They are labelled recoilless rifles, under the heading of artillery and naval guns.

Q. The six-pounder anti-tank gun would come under artillery weapons would it?—A. Yes.

The CHAIRMAN: Gentlemen, this is quite an important document placed before you by Mr. Mackenzie. I think we ought to give it some study and consideration before doing any more questioning on it—unless you have something immediate.

Mr. DREW: Yes, but I was simply checking as to where these infantry weapons were.

The CHAIRMAN: I think those are proper questions.

By Mr. Drew:

Q. Before I pass on from sheet 1, Mr. Mackenzie, are you in a position to say, from your knowledge as deputy minister of Defence Production, whether a decision has been made in regard to the calibre of rifle and standard machine gun that we are going to employ in our defence forces?—A. I cannot answer that question.

Q. Well in any event, just simply so we leave no doubt about it, there are no orders for rifles, sub-machine guns, machine guns, or other infantry weapons that are not included here?—A. This, to the best of my knowledge, is a complete list of the major orders placed during the period stated.

Q. Then we come to the next page?

Mr. MACDOUGALL: What page are you on now, Mr. Drew?

Mr. DREW: Page 2 of the summary.

On the next page I see there is an order for 59 4.2 inch mortars, or that order is suspended?

The WITNESS: No, sir. That is not so.

By Mr. Drew:

Q. Then the mark means something different on this page?—A. No, sir, the ones that have been partially suspended have been marked "suspended" or "partially suspended" and the asterisk refers to items against which the \$46 million has been paid but which cannot be allocated to the individual orders.

Q. Then the order has been placed for 59 4.2 inch mortars, but there is no expenditure, and I gather from your explanation that it is difficult to allocate the particular amount that would be appropriated to that particular purpose. Are these mortars yet delivered?—A. I cannot answer that, Mr. Drew.

Q. Well, would you get information as to when the order was placed and whether delivery has been made—or when delivery may be expected?

Mr. McILRAITH: Could I get, for the record, an explanation of the asterisk at this item for 59 4.2 mortars. As I understand it, the item of \$46 million in the summary is in the expenditures column and has been spent, and the mortars may have been paid for out of this \$46 millions and may have been delivered. Is my understanding on that point correct?

The WITNESS: Yes, I just have not the information as to whether they have been delivered.

Mr. McILRAITH: But they could have been delivered and may have been paid for.

Mr. HARKNESS: In connection with this whole thing, neither the expenditures item nor anything else gives us any idea of what deliveries have been made? That is really what it comes to?

The WITNESS: That is right. This does not cover deliveries of equipment.

Mr. HENDERSON: Mr. Mackenzie, some of these items may have been delivered in Korea and you do not know what items may have been delivered in Canada?

The WITNESS: I was using the word "delivered" to mean delivery to the Department of National Defence wherever they took delivery.

Mr. HENDERSON: No matter where it is delivered?

The WITNESS: No matter where it is delivered.

By Mr. Drew:

Q. So that some of these orders may simply be orders that were completed for the purpose of equipping our troops in Korea with American equipment. Is that the idea?—A. Yes, it may well be.

Q. But that does not necessarily tell us what guns we have for our own forces in this country or for European forces.—A. As I understand the question, it was with respect to orders and deliveries that have been made against them.

Mr. DREW: Yes, but it does not give us the picture too clearly unless first of all we know when the orders have been placed and then link that up with the general expectation of deliveries and also, in cases where they have not been delivered, when deliveries may be expected.

The CHAIRMAN: In fairness to the witness, Mr. Drew, he has answered the question which was asked him. If there are any other questions, more specific questions, I am quite sure he will answer them also.

Mr. MACDONNELL: Mr. Chairman, might I make one comment? I think on these questions we asked, it was important that we should have a clear knowledge as to where these things were to be used; that is, whether they were for the forces in Korea and elsewhere. Unfortunately, we are not to have the question answered in such a way that we would know if they are available in Canada. I mean, this question of delivery is most important—of course money is also important—but I think we should know what provision is made for deliveries in Canada. The real question has to do with weapons for troops in Canada. It does seem to me important that we should know what the weapons delivery schedule is and that is a top priority question that we ought to know about.

The CHAIRMAN: At the last meeting there was great emphasis placed on what weapons had been purchased. This gives you that information. The question as to what weapons have been delivered will also be answered in due course.

Mr. DREW: I just want to correct that to this extent. You will recall the terms of reference to the committee were to examine into the use of public money in relation to defence, and what is most important to us is that we should know what the requisitions are as we may relate them fully to defence preparations and to the needs of our defence forces. In that respect deliveries are most important because, in the first place, deliveries tell us the story. The second point is that it does not tell us where these weapons are and the number that are available for our own defence resources here in Canada. That was the object of asking the question; and if the witness hasn't got that information now may I ask him to supply us with it at the earliest possible moment.

Mr. MACDONNELL: We should know what the deliveries are in Canada; what is actually happening not only in Korea and in Europe but also what the position of deliveries is in Canada.

Mr. DREW: This does not tell us very much about deliveries in Canada. The fact that you have had deliveries of these 59 4·2 mortars in Korea; does not mean much in explaining what mortars are available for Canadian defence preparation or for the fitting out of our own forces. That is what I have in mind in this question.

Mr. McILRAITH: Isn't there a reference to defence expenditures? We are considering defence expenditures at the moment and we are starting right on it. I think that the point Mr. Drew is making will emerge from the discussion.

Mr. DREW: That is what I am trying to get at.

Mr. McILRAITH: I know that but we must start with the contracts that have been placed, the actual expenditures on them and the commitments. Now, I think that is the point. Of course, that information by itself is not all Mr. Drew is concerned about, but it does start us off.

Mr. DREW: But it will, Mr. McIlraith. If we know the details of the contracts that have been placed, as I pointed out, then we know when the orders were placed and when deliveries on those contracts can be expected; that is exactly what I had in mind.

Mr. McILRAITH: That is what they are giving us now in their report.

Mr. DREW: I appreciate that.

Mr. McILRAITH: They have given us a great volume of information this morning and we are getting along, as I see it, very quickly. I do not think you can just come forward with the whole thing all neatly tabulated because it is a very big job. Some of these contracts are tremendous things, and there is much detail which will have to be obtained. However, I don't see too much difficulty about it.

Mr. HUNTER: Mr. Drew wishes to determine whether 59 4.2 mortars have been delivered. It would seem that the purpose of this question is to try to determine the present state of the Canadian armed forces. I suggest that by obtaining that information which he is seeking he will not be achieving what he is endeavouring to ascertain, because without a complete list of the mortars already in the possession of the armed forces no true picture will emerge. I suggest, therefore, that without the additional information, which is outside the terms of reference of this committee, the question serves a very limited purpose.

Mr. DREW: I do not think so, Mr. Hunter. I think Mr. McIlraith has quite clearly indicated the relative facts of the situation. He pointed out that the facts are related to the contracts. I notice there is a reference there to 65 seventy-five millimetre weapons.

The CHAIRMAN: The department has tabled the answers to approximately 10 or 12 very long and very involved questions. My thought was that we would give this committee as much information as we could possibly place in their hands before prorogation. With that in mind, I have been urging the department on your behalf to supply all the information they can, and they are supplying a great deal of information. If there is further information which you require, let us know about it as soon as possible, we cannot be having many more meetings, if any. For that reason this questioning may do some good, but my thought is—and I go back now to the terms of reference, and I think Mr. Hunter's point may well be kept in mind—that the committee was set up to examine all expenditures of public money for National Defence and all commitments for expenditures for National Defence since March 31, 1950.

Mr. MACDONNELL: And to report from time to time their opinions thereon.

The CHAIRMAN: Yes, on expenditures. That is what we are committed to. I am not suggesting that the questions are out of order at the moment, but let us not lose ourselves, let us deal with expenditures for the time being. We may have an opportunity or another occasion to reach some conclusions.

Mr. DREW: Without attempting to reach any conclusions, may I ask Mr. Mackenzie if you know whether the 65 fifty-five millimetre rifles have been delivered.

The WITNESS: No, I have no figures of delivery here, Mr. Drew. This information, of course, again has to come from the Department of National Defence.

The CHAIRMAN: There is another question referring to selected items of operational equipment. Is it your request that we are to have delivery dates on all the items? Will that satisfy you? The date of order, the date of delivery?

Mr. DREW: Yes, the date of order and the date of delivery, and where delivered to.

The CHAIRMAN: The date of order and date of delivery. There may be no trouble on that, but from there on leave it at that. The delivery place is, of course, headquarters.

Mr. DREW: Let me explain what I mean. The fact is generally known that when our forces were sent to Korea they did their final training in the United States and they were equipped with American weapons—I think it is very important for us to know whether some of those items represent the weapons that were delivered for the purpose of equipping them to go to Korea. If those weapons represent the weapons delivered to the troops gone to Korea, then, of course, we immediately know what expenditure has or has not been made on weapons for both the active and reserve forces now training in Canada, as well as forces that we are sending to Europe. The last question I asked, Mr. Chairman, is with regard to the 65 55 millimetre rifles, which are like field guns.

The CHAIRMAN: Mr. Drew asked a general question on all this. The question asked you now is the date these orders were placed, the dates on which delivery was made and the place of delivery.

Mr. McILRAITH: As I understand Mr. Drew's last question it has to do with the use of these weapons, that is whether they went to the force in Korea or not. That is something of which this witness would have no knowledge. There may be some difficulty there. That may have to be obtained elsewhere.

Mr. DREW: I recognize that difficulty, but this witness will be in a position to answer the questions in regard to the date of the contracts and the date on which completion is to be effected.

The CHAIRMAN: The date when deliveries were made.

Mr. DREW: And are to be made. In other words, the essential details of the contract in that respect.

The CHAIRMAN: Let us be more specific so that we do not again misunderstand each other. The date the contracts were placed, the date when deliveries were made and, at what point were deliveries made.

Mr. DREW: And it grows out of the question I have already asked, when delivery of the balance of order may be expected.

The CHAIRMAN: Yes.

The WITNESS: I doubt very much that we can satisfactorily answer that. The dates on which the orders were placed is a matter that can be determined. The actual quantities that have been delivered to the Department of National Defence, I am sure, can be determined. Where they are delivered is, of course, a matter which we have no knowledge of in the Department of Defence Production. As far as making a forecast of the deliveries of all these items it would be, indeed, a very difficult task, if it is possible. We could do this for some of the items, undoubtedly, but with a great number of these items it is very difficult to set the production dates, and the forecasts are changing from time to time by reason of supply conditions.

By Mr. Macdonnell:

Q. Granted that one recognizes there may be changes, but surely every contract must indicate some expectation when it is at least hoped that delivery would be made, does it not?—A. In the contract itself?

Q. Or in the negotiations, let us say.—A. From the negotiations we know and have expectations as to when deliveries are going to commence on some of these orders.

By Mr. Drew:

Q. Mr. Mackenzie, is it not perfectly obvious that the one thing that the General Staff would want to know more than anything else, subject to all the variations that are inevitable, would be when they might expect delivery of weapons in relation to which they will be basing their plans for training and the dispatch of troops?—A. We have estimates of when these weapons are going to be delivered.

Q. Certainly; that is all I am asking.—A. They are not firm dates. The suggestion has been made that these are part of the contractual arrangements.

Mr. MACDONNELL: Maybe I used the wrong word. You said you had expectations of delivery.

By Mr. Drew:

Q. You can tell us when you expect delivery? You can answer from your records as to when you expect delivery?—A. It is very difficult, particularly in the case of the United States government deliveries.

Q. I simply point this out to illustrate the importance of the question and of getting some information in whatever form is most desirable. No plans could be made unless there was some anticipated date of delivery.—A. May I suggest we take notice of this question and see what we can do with it.

The CHAIRMAN: He said that he would attempt to answer the questions.

Mr. DREW: The 75 mm rifles would be light field guns?

The WITNESS: Those are recoilless rifles.

Mr. DREW: You say they are recoilless rifles.

The CHAIRMAN: What page are you on?

Mr. HARKNESS: Page 2 of mimeographed document.

Mr. DREW: Yes, page 2; and in the case of the 138 105 mm howitzers, I see there has been no payment, so I do not propose to ask further about it because the general information I have already asked for would cover it when you get that information. Now, what about the 88 105 mm howitzers?

Mr. STICK: The 88 105 mm howitzers cost \$1,457,646. The asterisk does not mean there is no payment which may be included in the \$46 million at the end of the page. Is that not right?

The WITNESS: That is right.

By Mr. Drew:

Q. I was referring to the 138 105 mm howitzers just above that item in relation to which it is shown that there is no payment.

Mr. STICK: But on the 88 105 mm howitzers there is nothing paid on that item.

By Mr. Drew:

Q. These steps are being taken, both by purchase from the United States government and by manufacturing in Canada, to supply a total requirement of 138 105 mm howitzers and 88 105 mm howitzers and 47 155 mm howitzers?—A. That is right.

Q. What field guns are on order?—A. Once again, let me say that within this list the 105 howitzers are the field guns.

Q. And there is no other field gun on order?—A. Well, the list is here, Mr. Drew.

The CHAIRMAN: The 155 mm howitzer is a field gun, and just a little below that item there are 3 similar items.

By Mr. Drew:

Q. There would be no other military weapons included in this, so there is no use in asking you about anti-tank guns. But let me ask you this question: is there any place where there is an order shown for anti-aircraft guns?—A. You will notice the last item on the list.

Q. On page 2?—A. Yes, still on page 2 you will see that the orders classified for security reasons amount to \$14,130,154.

Q. Yes.—A. As to all of which the expenditures against them are indicated as having been made in full.

Q. Yes.—A. The details are not available.

Q. Do you say that the details of that item include anti-aircraft guns?

Mr. CAMPNEY: The witness has said that they are classified for security reasons.

Mr. DREW: I would be curious to know why we are not entitled to learn what anti-aircraft guns there are.

Mr. GEORGE: Don't you think we should adjourn to study this?

DEFENCE EXPENDITURE

151

Mr. MACDONNELL: Have we got or are we going to get figures as to the value of what is in hand apart from what we buy? Maybe that would cover the point.

The CHAIRMAN: The question has already been asked. He has been asked to provide that information.

Mr. MACDONNELL: That information could easily be given.

Mr. HENDERSON: Where is this Firestone Tire and Rubber Company? Is that in Canada or the United States?

The WITNESS: That is the Canadian company.

Mr. HENDERSON: The Magnovox Company is a Canadian company too?

The WITNESS: I would have to check that.

The CHAIRMAN: Subject to any instructions that the committee may give me, it is my own view that this will be the last meeting of this committee this year. The Prime Minister indicated that this committee would be called together at an early date in the ensuing session.

There were some thirteen or more questions asked by various members of the committee, all of them have been answered—some of them perhaps not fully answered but as well as could be done from the question that were asked. It is intended that they should be printed in the record, the record will be available for next year's committee. It is also hoped that the same members will be on the committee in the next session.

It may be valuable to this committee to read the record in the interval so we can commence functioning when the committee is called. The Prime Minister has indicated it will be called early. With that in mind I suggest that you now let us have questions that you should like answered. The departments will prepare the answers in the interval and have them available and ready when we return late in January or early in February.

Mr. DREW: We now have before us these lists which have just been prepared and we certainly could, with great advantage, ask further questions with regard to these when there has been an opportunity of examining them. I strongly urge that there be at least one more meeting and that meeting take place either tomorrow morning or on Saturday morning.

The discussion has several times come back to the fact that there should be time to read these over and examine them. I am quite prepared to admit with the session under way and with the present hours, there might be some suggestion that we could wait until Saturday morning; but I would certainly ask that we have a meeting on Saturday morning in any event so that further questions may be asked in regard to these details, simply for the purpose of clarification—recognizing that there may be some other questions that cannot be answered until a later date.

Mr. MACDONNELL: May I make a point? We have asked a lot of questions this morning and through no fault of anybody, they have been only partially answered and we have been left suspended in space. Mr. Mackenzie has been good enough to say that he can give us most of the remaining parts of those questions—

The CHAIRMAN: Let me say this. I am prepared, if the committee consents, to hold the record open up to the time the House closes and if anyone who has questions will send them in I will pass them on to the proper officials for answer.

Mr. DREW: Mr. Chairman, may I point this out? There are a number of unanswered questions and the statement has been made, or you have observed quite correctly, that these questions can only be answered by the Department of National Defence. Now we have had a statement placed before us this morning with information which does throw a great deal of light on the situation

but which requires amplification. Certain questions have been asked and the answers have been helpful. I will give a case as an example, the 75 millimetre rifles. That is a term describing 75 millimetre field guns or recoilless weapons. In this case, by questioning, we have received the information that these are recoilless rifles.

There are similar questions that could be asked and we have now asked certain questions of the deputy minister of Defence Production but there are others I would like to have asked. In any event, there are certain questions we passed over when we were told that the Department of National Defence could answer. We should at least have one more meeting so that the deputy minister of National Defence can answer the questions that have been asked. It seems apparent that he is the one who can give the answers and, for that reason, I move that when this committee adjourns it adjourn to meet at 10 o'clock Saturday morning or at whatever time Saturday morning the chairman may decide.

Mr. JONES: Would it be possible to get some idea of the amount spent on publicity and advertising for defence purposes?

The CHAIRMAN: Mr. Jones has asked questions, it is on the record, the officials have taken note of it, and it will be answered.

Mr. WRIGHT: I have a further question. Some of these figures are so obviously out of line that there must be some logical explanation. For instance, on page 4 we find Canadian Arsenals have a contract for 24,000 75 millimetre shells at a cost of \$11,580. The U.S. government has an order of 31,300 75 millimetre shells at an estimated cost of \$804,122.

Now, surely shells are something on which we have some idea of cost before we place the order—and the estimated costs. These figures to me at least appear ridiculous.

The WITNESS: I admit that on the face of it that looks as though it needed to be investigated. However, these figures were put together very hurriedly.

Mr. WRIGHT: What I want then, Mr. Chairman, is a comparison between the cost of the various weapons that we are producing in Canada, either at Sorel or at Canadian Arsenals Limited; and also the cost of those articles that we are purchasing in the United States or in other places.

The WITNESS: All right.

Mr. WRIGHT: I think we should have that information so we can have an intelligent discussion.

The CHAIRMAN: That will be provided.

Mr. CHURCHILL: Could we have the same comparative figures with regard to the American tank which apparently cost \$100,000 more than the British Centurion?

The CHAIRMAN: They are not similar tanks. We would have to have the same type of tanks in order to compare them.

Mr. CHURCHILL: The American Sherman tank and the Centurion are very much the same. I have been in the American tank and I have been in the Centurion and they are both what we call a medium tank.

The WITNESS: Mr. Chairman, may I say something? These figures which I supplied to you here should not be interpreted on a basis of comparing costs of relative pieces of equipment. If the committee want the relative cost of a piece of equipment then we will produce figures on the actual cost. That can be done. I was particularly careful to say in the early stages of today's sitting, and again to point out in reply to a question, that all I was trying to do here was attempting to show what types of equipment, what sort of things were on order. We were asked for the estimated value and we put in the estimated

DEFENCE EXPENDITURE

153

value, but it becomes completely misleading if these values are divided by the numbers concerned and unit cost prices extracted therefrom.

Mr. CHURCHILL: Our terms of reference suggest that we should try to point out in particular what, if any, economies can be effected. It is fair to ask, is it not, Mr. Mackenzie, the difference in cost between the Centurion tank and the tank of American manufacture?

The CHAIRMAN: All the witness can do is to give you the cost and you will have to draw your own conclusions.

The WITNESS: I simply suggest that I am not denying information, I am not saying that this question should not be answered; but I say this list does not answer that question, it was not prepared for that purpose.

Mr. ADAMSON: Mr. Chairman, there is one question I would like to ask about that: does the department pay duty of any sort, customs duties of any sort?

The WITNESS: Yes, sir.

Mr. ADAMSON: I think that would be an interesting figure to have so we can know how much duty is paid on these items; if that could be given in a general way. The second question I would like to ask is: what items were of American type, what items were of British type and what items were of Canadian type, and are there any plans for the Centurion tank to be manufactured in Canada. Are all these items of American type or design?

The WITNESS: Oh, no sir; I did not say that.

Mr. ADAMSON: I know you did not say that; but the question I want to ask is: what proportion of these articles are of American type or United Kingdom type or Canadian type.

The CHAIRMAN: There is a motion to adjourn.

Mr. DREW: Just before you put that motion, might I ask one question for the purpose of convenience?

The CHAIRMAN: Yes.

Mr. DREW: I notice on page 2 of mimeographed documents, Mr. Mackenzie, there is a reference to rocket launchers. There are three items there referring to 3.5 inch rocket launchers. What exactly are those?

The WITNESS: I am told that those are bazookas, the instrument for launching anti-tank missiles.

The CHAIRMAN: That is an infantry anti-tank weapon.

Mr. DREW: Well then, that is one question that I want answered. How many of them have been delivered? Now, Mr. Chairman there is a motion before the committee, you have a motion before you that when we adjourn we adjourn to Saturday at an hour to be named by you.

The CHAIRMAN: Yes.

Mr. DREW: I simply want to say this before you put that motion. We have now been given the answer to a lot of these questions but I would like to point out that it would be impossible for Mr. Mackenzie to have the answers to some of these questions. For that reason I think we should at least have an opportunity of examining Mr. Drury who should be able to give us a simple explanation on many of these questions which Mr. Mackenzie has quite frankly said that he cannot give. In several cases he has had to turn to Mr. Drury to obtain the answer; so, for that reason, I do press my motion, and I hope it will be adopted so that at least we can get what information we can by way of explanation by meeting again on Saturday morning.

97446-21

The CHAIRMAN: In fairness to this committee,—the amount of information that the committee has been supplied with is almost—somebody said stupendous—mountainous, is the term to use.

Mr. DREW: I thought you were going to say staggering, and it is staggering.

The CHAIRMAN: You are now obtaining information that no other committee ever had in its possession. The information is given freely, nothing is withheld; the information is placed on the table and the committee can use it as they see fit. They need an opportunity to digest it. They need an opportunity to study it. Every one of us is not as fully briefed on these matters, as Mr. Drew and some others, I say that in fairness—

Mr. DREW: I am not assuming any special knowledge. My digestion is sufficiently good; I will be ready on Saturday morning to ask questions which I think will be helpful.

The CHAIRMAN: As a matter of fact, we are very hopeful we won't be here on Saturday morning.

Mr. DREW: I think I would remove any hope of that kind.

Mr. JONES: Before you put the motion, Mr. Chairman, would it be possible for members of this committee to visit camps and other installations while on holidays?

The CHAIRMAN: Mr. Jones, I know nothing at all about that.

Mr. MACDOUGALL: Is that in the terms of reference?

The CHAIRMAN: We have not done enough work to really earn a trip, have we? I am merely being facetious.

Mr. DREW: There is one statement with which I am in entire agreement, that we have not done enough work.

Mr. WRIGHT: The question was asked, Mr. Chairman, so that any of the members who have these establishments in their constituencies, or who are visiting areas where they are, might have the opportunity to get some background with regard to carrying on their duties with regard to this committee when they meet again. The question was not asked in the sense that the government pay our expenses.

The CHAIRMAN: I did not suggest that. I was facetious, and I hope Mr. Jones and others so understand it. Mr. Drury tells me he will be more than happy to extend facilities to any member who happens to be in an area where there are installations. If a member is in the locality and wants to see some of the installations, Mr. Drury will extend him every facility.

Mr. DREW: Just so that we do not have any argument on procedure, may I, for the purpose of the record, state my motion: I move that when we adjourn we stand adjourned until a time on Saturday morning to be designated by the chairman, and that a recorded vote be taken on this motion.

The CHAIRMAN: You have heard the motion. All those in favour say yes, and those opposed say no.

The motion is lost. May I just say this: First, I wish to thank you for your very excellent attendance and diligence at these meetings. I wish also to thank the departments for their co-operation, both the Department of National Defence and the Department of Defence Production, and Mr. Drury and Mr. Mackenzie.

I said that if any of you have any questions that you wish the departments to answer I will see that the record is kept open until Saturday. I do not think I can keep it open any longer. In that way we will have prepared answers for some of your questions when we return here late in January or early in February.

Mr. McILRAITH: Just before we leave, Mr. Chairman, this committee ends as such with the end of the session, but it is intended, I take it, to continue it—

DEFENCE EXPENDITURE

155

there is no doubt about that. That being so, do we put in any kind of report? I presume any such report would be that we recommend this committee be reconstituted at the next session.

The CHAIRMAN: I read to the committee the Prime Minister's words, He said when the committee was set up that it could be set up again at an early date in the ensuing year.

Mr. McILRAITH: I just wanted that to be clear.

Mr. DREW: In view of the fact that we all recognize that this is simply a preliminary basis for further examinations, there is no necessity to present a report. The figures speak for themselves as to what we have had before us. May I join in what has been said about the department which has prepared the material. But I do wish to leave no doubt with you that I feel that the officials of the department have co-operated with the committee in preparing this information.

Mr. McILRAITH: My sole purpose in raising the point was to have it on the record that the members are aware of the fact that no report is expected.

The CHAIRMAN: Thank you very much, gentlemen.

APPENDIX L **DEPARTMENT OF NATIONAL DEFENCE**

(Requested by Mr. Wright)

*Subject: Barracks and Messes Contracted for by Armed Forces since April 1, 1950, by Location, Showing numbers and type and Total and Per Capita Cost.
(The figures shown represent building costs only; no services or utilities included)*

NAVY—RATINGS BARRACKS (Class I)

LOCATION	Number of Units and Type	Date of Award	Total Cost	Personnel Capacity	Per Capita Cost	REMARKS
Dartmouth.....	1 Ratings	11- 4-51	2,683,437	760		Barrack, Messing and Recreation facilities under one roof.
Halifax.....	1 Ratings	30- 9-49	1,845,617	800		Barrack, Messing and Recreation facilities under one roof.
Total.....	2 Ratings		4,529,054	780	2,919 av.	

ARMY—OTHER RANKS BARRACKS (250-MAN)

LOCATION	Number of Units and Type	Date of Award	Total Cost	Personnel Capacity	Per Capita Cost	REMARKS
Barrie, Ont.....	2 C I I	28-12-50	1,074,872	250		
Barrie, Ont.....	1 C I I	7- 7-51	610,775	250		
Calgary, Alberta.....	1 C I I	21- 7-50	499,200	250		
Camp Borden, Ontario.....	1 C I I	21-11-50	583,210	250		
Camp Borden, Ontario.....	1 C I I	29-12-50	609,316	250		
Camp Borden, Ontario.....	1 C I I	4-10-51	663,339	250		
Camp Borden, Ontario.....	1 C I I	7-11-51	663,339	250		
Chilliwack, British Columbia.....	1 C I I	28- 9-50	482,493	250		
London, Ontario.....	1 C I I	1-11-51	639,097	250		
Petaawawa, Ontario.....	1 C I I	12- 1-51	555,079	250		
Pictou, Ontario.....	1 C I I	9-10-51	641,145	250		
St. Jean, Quebec.....	1 C I I	23-10-51	555,124	250		
Shilo, Manitoba.....	2 C I I	21-12-50	1,046,630	250		
Total.....	15 C I I		9,214,619	250	2,437 av.	

DEFENCE EXPENDITURE

157

ARMY—OTHER RANKS BARRACKS (212 MAN)

Calgary, Alberta.....	1 C I I	9-7-51	566,078	212
Calgary, Alberta.....	1 C I I	6-2-51	544,705	212
Total	2 C I I		1,110,783	2,019

ARMY—OTHER RANKS BARRACKS (180 MAN)

Chilliwack, British Columbia.....	1 C I I	12-1-51	434,335	180
Petawawa, Ontario.....	1 C I I	23-8-50	377,713	180
Petawawa, Ontario.....	1 C I I	12-1-51	564,893	180
Petawawa, Ontario.....	1 C I I	9-10-51	377,255	180
Shilo, Manitoba.....	2 C I I	5-9-51	1,154,252	180
Victoria, British Columbia.....	1 C I I	17-10-51	434,488	180
Total	7 C I I		3,203,956	180
				2,543 av.

ARMY—OTHER RANKS BARRACKS (SPECIALS)

Quebec, Quebec.....	1 C I I	6-12-50	233,049	100
Whitehorse, Yukon Territory.....	1 C I I	24-11-50	619,792	166
Wainwright, Alberta.....	1 semi-permanent	5-9-51	165,890	228
Total	3		1,018,731	185 av.
				2,062 av.

ARMY—OFFICERS QUARTERS

Wainwright, Alberta.....	2 semi-permanent	19-4-51	169,098	50
				1,691

AIR—OTHER RANKS BARRACKS (180 MAN)

LOCATION	Number of Units and Type	Date of Award	Total Cost	Personnel Capacity	Per Capita Cost	REMARKS
Camp Borden.....	2 C I	9- 6-51	984,468	180		
St. Hubert.....	1 C I	11- 5-51	370,500	180		
St. Hubert.....	1 C I	14-11-51	438,852	180		
Winnipeg.....	2 C I	23- 5-51	709,142	180		
TOTAL.....	6 C I		2,522,962	180	2,336 av.	

AIR—OTHER RANKS BARRACKS (180 MAN)

Bagotville.....	1 C I I	14- 5-51	335,700	180		
Clinton.....	1 C I I	19- 1-51	387,771	180		
Clinton.....	2 C I I	30- 4-51	774,100	180		
Moose Jaw.....	4 C I I	10- 5-51	1,466,032	180		
North Bay.....	2 C I I	26- 4-51	837,288	180		
Penhold.....	2 C I I	1- 5-51	782,046	180		
TOTAL.....	12 C I I		4,602,937	180	2,131 av.	

AIR—OTHER RANKS BARRACKS (252 MAN)

Camp Borden.....	4 C I I	9- 6-51	2,614,656	252		
Winnipeg.....	2 C I I	23- 5-51	956,183	252		
TOTAL.....	6 C I I		3,570,839	252	2,369 av.	

DEFENCE EXPENDITURE

139

AIR—OTHER RANKS BARRACKS (252 MAN)

Bagotville.....	1	CI II	15- 3-51	461,090	252
Centralia.....	1	CI II	7- 3-51	506,988	252
Penhold.....	1	CI II	24- 1-51	529,622	252
Saskatoon.....	1	CI II	26- 4-51	488,360	252
Total.....	4	CI II		1,985,060	252
					1,970 av.

AIR—NCO QUARTERS (30 MAN)

Bagotville, P.Q.....	2	CI II	4- 5-51	236,200	30
North Bay, Ont.....	2	CI II	26- 4-51	354,686	30
Portage la Prairie, Man.....	1	CI II	18- 4-51	134,609	30
Total.....	5	CI II		725,495	30
					4,836 av.

AIR—NCO QUARTERS (60 MAN)

Camp Borden, Ont.....	2	CI I	14- 5-51	581,070	60
St. Hubert, P.Q.....	1	CI I	11- 5-51	225,225	60
Total.....	3	CI I		806,295	60
					4,479 av.

AIR—NCO QUARTERS (60 MAN)

Chatham, N.B.....	1	CI II	10- 5-51	201,300	60
Clinton, Ont.....	1	CI II	20- 4-51	198,326	60
Moose Jaw, Sask.....	1	CI II	10- 5-51	186,364	60
Penhold, Alta.....	1	CI II	1- 5-51	202,894	60
Total.....	4	CI II		788,794	60
					3,286 av.

AIR—OFFICERS QUARTERS (30 MAN)

LOCATION	Number of Units and Type	Date of Award	Total Cost	Personnel Capacity	Per Capita Cost	REMARKS
St. Hubert.....	1 C I	11- 5-51	155,325	30		
Winnipeg.....	1 C I	25- 5-51	159,649	30		
TOTAL.....	2 C I		314,974	30	5,266 av.	

AIR—OFFICERS QUARTERS (30 MAN)

Bagotville.....	1 C II	14- 5-51	118,100	30		
Centralia.....	1 C II	19- 4-51	141,655	30		
Moose Jaw.....	1 C II	10- 5-51	126,892	30		
North Bay.....	1 C II	29- 4-51	177,343	30		
TOTAL.....	4 C II		563,990	30	4,689 av.	

AIR—OFFICERS QUARTERS (60 MAN)

St. Hubert.....	2 C I	11- 5-51	450,450	60		
Trenton.....	1 C I	1-11-51	235,637	60		
Winnipeg.....	1 C I	25- 5-51	234,454	60		
TOTAL.....	4 C I		1,010,561	60	4,210 av.	

AIR—OFFICERS QUARTERS (60 MAN)

Bagotville.....	1 C II	14- 5-51	168,900	60		
Centralia.....	1 C II	19- 4-51	203,082	60		
Chatham.....	2 C II	10- 5-51	402,000	60		
Clinton.....	2 C II	30- 4-51	594,978	60		
Comox.....	2 C II	5- 9-51	408,092	60		
Moose Jaw.....	1 C II	10- 5-51	371,596	60		
North Bay.....	1 C II	26- 4-51	272,366	60		
Penhold.....	1 C II	1- 5-51	403,008	60		
Saskatoon.....	1 C II	26- 4-51	190,882	60		
TOTAL.....	15 C II		3,017,254	60	3,353 av.	

DEFENCE EXPENDITURE

ARMY—OTHER RANKS Messes				
Barrie/field	1 C I I	3- 8-51	207,900	500
Calgary	1 C I I	6- 2-51	215,221	500
Camp Borden	1 C I I	29-12-50	218,900	500
Camp Borden	1 C I I	1- 8-51	203,734	500
Chilliwack	1 C I I	9- 8-50	141,339	500
Petawawa	1 C I I	12- 1-51	222,814	500
Petawawa	1 C I I	20- 7-51	227,351	500
St. Jean, P.Q.	1 C I I	22-10-51	220,510	500
Pictou	1 C I I	9-10-51	216,500	500
Shilo	1 C I I	21-12-50	179,885	500
Shilo	1 C I I	21-12-50	182,885	500
Victoria	1 C I I	17-10-51	203,525	500
Whitehorse	1 C I I	11- 7-51	306,840	500
Total	13 C I I		2,822,414	500 av.
AIR—OTHER RANKS Messes				
Camp Borden	1 C I I	23-11-51	553,788	1,000
Clinton	1 C I I	15-11-51	521,608	1,000
AIR—COMBINED Messes				
St. Hubert	1 C I I*	30- 3-51	404,999	*390
Bagotville	1 C I I*	13- 3-51	453,400	*390
Chatham	1 C I I	29- 2-51	445,221	390
Moose Jaw	1 C I I	10- 5-51	434,397	390
North Bay	1 C I I	2- 2-51	522,253	390
Penhold	1 C I I	26- 4-51	411,374	390
Sackatoon	1 C I I	19- 5-51	439,023	390
Total	6 C I I		2,705,678	390
AIR—OFFICERS' Messes				
Bagotville	1 C I I	4- 5-51	218,100	75-150
Chatham	1 C I I	10- 5-51	233,400	75-150
North Bay	1 C I I	27- 4-51	272,266	75-150
Total	3 C I I		743,766	75-150
* Capacity: O-Off, 130-NCO, 260-OR Kitchen Capacity—1,000				
* Capacity: O-Off, 130-NCO, 260-OR Kitchen capacity—1,000				
Heating plant included				
434 av.				
1,038				
1,156 av.				
1,653 av.				

APPENDIX M
DEPARTMENT OF NATIONAL DEFENCE

Document CDE/DND
December 13, 1951.

Subject: Department of National Defence—Land and Buildings purchased from April 1, 1950 to October 31, 1951 and Leases of Land and Buildings in force at Dec. 1, 1951.

PART I.—LAND AND BUILDINGS PURCHASED FROM APRIL 1, 1950 TO OCTOBER 31, 1951

Location	Service	Purchase Price	From Whom Purchased	Date of Purchase	Purpose
NEWFOUNDLAND— St. John's Corner Brook	Navy Army	\$ 130,000 00 1 00	Prop. of McLea Est. Bowaters' Paper Mills	Oct 7/50 May 16/50	Joint Service Headquarters for Province, Dismantling, transporting and re-erection of a hangar.
PRINCE EDWARD ISLAND— Summerside	Air	1,500 00 2,200 00	K. Mills E. Mills	Feb 21/51 Feb 21/51	Radio Site Radio Site
NOVA SCOTIA— Greenwood	Air	500 00 100 00	J. Dolliver D. Dolliver	Sep 1/51 Sep 1/51	Radio Site Radio Site
Hammond Plains	Army	937 50 1,320 00	J. Thomas M. Eisenhauer	June 21/50 June 23/50	Radio Site Radio Site
		2,224 00	F. Thomas	Jan 8/51	Radio Site
		2,277 50	B. & A. Thomson	Jan 23/51	Radio Site
		105 00	L. & W. Haverstock	Aug 8/50	Radio Site
Loch Broom	Army	144 00	G. Cockum & wife	Sep 12/50	Rifle Range
		1,000 00	M. Patterson	Sep 11/50	Rifle Range

DEFENCE EXPENDITURE

163

New Brunswick— Chatham	Air	175 00 J. Foley	Dec 16/50 Railroad Siding
		126 00 D. Elkin	Dec 16/50 Railroad Siding
		57 00 T. Phalen	Dec 16/50 Railroad Siding
		100 00 J. Vanstone	Dec 16/50 Railroad Siding
		50 00 W. Delaney	Dec 16/50 Railroad Siding
		104 00 H. White	Dec 16/50 Railroad Siding
	Air	20 00 S. Jardine	Dec 16/50 Railroad Siding
		1,200 00 C. Brown	Dec 16/50 Railroad Siding
		346 00 Dr. C. Sproul	Oct 23/50 Runway Extension
		324 00 St. Thomas College	Oct 23/50 Runway Extension
		100 00 N. Maher	Oct 23/50 Runway Extension
		1,035 00 J. Gordon	Oct 23/50 Runway Extension
		78 00 M. Keating	Oct 23/50 Runway Extension
		102 00 J. Jardine	Oct 23/50 Runway Extension
		488 00 R. Pyne	Oct 23/50 Runway Extension
		20 00 Mrs. J. Connors	Oct 23/50 Runway Extension
		720 00 W. Lane	Oct 23/50 Runway Extension
		832 00 J. S. Wragley	Oct 23/50 Runway Extension
		967 00 S. Hay	Oct 23/50 Runway Extension
		964 00 J. Hay	Oct 23/50 Runway Extension
		325 00 Mrs. J. Simpson	Oct 23/50 Runway Extension
		1,000 00 Sisters of Hotel Dieu	Oct 23/50 Runway Extension
		150 00 E. Kelly	Oct 23/50 Runway Extension
		548 00 J. Thompson	Oct 23/50 Runway Extension
		13,500 00 J. Flynn	Oct 23/50 Runway Extension
		270 00 Municipality of Northumberland	Oct 23/50 Runway Extension
		11,000 00 J. Keating	Oct 23/50 Runway Extension
		1,000 00 W. Traer	Oct 23/50 Runway Extension
		8,000 00 D. McLean	Oct 23/50 Runway Extension
		2,122 00 St. Thomas College	Oct 23/50 Runway Extension
		5,000 00 J. J. Hackett	Oct 23/50 Runway Extension
		100 00 J. H. MacDonald	Oct 23/50 Runway Extension
	Not settled	Expropriated	Oct 23/50 Runway Extension
Frederickton	Army	4,000 00 J. G. Ayres	Jan 5/51 Permanent Married Quarters
Gunningsville	Navy	775 00 D. & A. Steeves	Dec 16/50 Permanent Married Quarters
Moncton	Army	237 50 E. Matthews	April 6/51 Radio Site
		1 35 John W. Steeves	May 7/51 Homing Beacon
		237 50 Z. Steeves	May 14/51 Radio Site
St. John	Army	225 00 Atlantic Wholesalers Ltd.	Nov 1/50 Radio Site
			June 6/50 Additional Land for Rifle Range
			May 30/50 Additional Land for Rifle Range
			June 6/50 Additional Land for Rifle Range
			Jan 30/51 Building to be converted to Armoury
Quebec— Bagotville	Air	Not settled	Feb 12/51 Sewage Disposal
Farnham	Army	500 00 J. Bouchard	Apr 16/51 Exchange of Land
Lac St. Joseph	Air	1,500 00 A. DeLorme	May 15/50 Radio Site
		3,000 00 M. Clement	May 15/50 Radio Site
		5,800 00 J. E. Seale	May 15/50 Radio Site
		1,100 00 C. Raymond	May 15/50 Radio Site
		1,500 00 O. Tontini	Feb 23/51 Radio Site
		1,500 00 G. Cox	Feb 23/51 Radio Site

Location	Service	Purchase Price	From Whom Purchased	Date of Purchase	Purpose
QUEBEC—					
LaSalle	Navy	200,000 00	LaSalle Land Co. in Liquidation	Dec 13/50	Stores Development
Mont Joli	Air	14,800 00	P. Roussel	Sep 29/50	Flight Clearance
Montreal	Army	3,700 00	J. Cadieux	June 30/50	Parade Ground
New Richmond	Army	75,000 00	St. Alban's Parish	June 28/51	Armoury
	Navy	3,000 00	School Commrs.	Aug 23/50	Erection of Quonset hut
	Army	15,000 00	A. Perrault	May 2/51	Inspection Board
Quebec	Army	175,000 00	Bell Telephone Co.	May 2/51	Office Accommodation
St. Hubert	Army	Not settled	Various owners	Sep 21/51	Married Quarters
	Air	Not settled	P. Broseau	June 16/50	Runway Extension
	Air	27,300 00	F. Charbon	July 11/50	Runway Extension
St. Hubert	Air	23,200 00	M. Beauthillier	July 11/50	Runway Extension
	Army	38,878 00	R. Charron	July 11/50	Runway Extension
	Army	9,000 00	C. Marcel	Aug 13/51	Runway Extension
St. Hubert	Air	18,500 00	O. Dubuc	Aug 13/51	Runway Extension
Sherbrooke	Army	Not settled	Owner Unknown	Nov 18/50	Station Development
Sherbrooke	Air	4,800 00	Henry McElin	Nov 9/50	Task Training Area
Sherbrooke	Air	75,000 00	T. Bryant, Ltd.	Aug 13/51	Office accommodation
ONTARIO—					
Almonte	Army	9,000 00	Estate of Robert Patterson	Sep 7/50	Armoury
Cedar Springs	Army	3,400 00	J. McLachlan	May 15/50	Construct Rifle Range
Cedar Springs	Army	1,400 00	C. S. Eberts	May 26/50	Construct Rifle Range
	Army	6,000 00	S. A. Curtis	May 27/50	Construct Rifle Range
	Army	14,000 00	A. & J. Hebblethwaite	May 27/50	Construct Rifle Range
Centralia	Air	12,500 00	M. F. Nichols	May 12/50	Construct Rifle Range
	Air	50 00	V. G. McGuigan	May 13/50	Construct Rifle Range
	Air	325 00	J. Becher	Nov 24/50	Drainage Ditch
Centralia	Air	5,650 00	J. & H. Hunter	May 22/51	Radio Site
Clinton	Air	1,240 00	H. & M. Hirtzel	Dec 12/50	Radio Site
Clinton	Air	2,875 00	J. Clegg	Apr 25/51	Additional Building
Cobourg	Army	500 00	E. O'Brien	Apr 25/51	Additional Building
Downsview	Army	1 00	Town of Cobourg	June 5/51	Ordnance Depot
Downsview	Army	Not settled	S. Boske	July 24/50	Airframe Expansion
Downsview	Army	Not settled	G. Jackson	July 24/50	Airframe Expansion
Downsview	Army	325,000 00	Dufferin Const. Co.	Deed not rec'd	Flightway Clearance
Downsview	Army	75,000 00	J. Franceschini	Deed not rec'd	Flightway Clearance

DEFENCE EXPENDITURE

165

Downsview.....	Air.....	Not settled 13,500 00	E. & C. Hubert Various, lots in Township of York.	July 24/50	Airdrome Expansion
		Not settled 900 00	City of Toronto	Oct 19/50	Flightway Clearance
		Not settled 12,775 71	L. Lloyd	Sep 29/50	Airdrome Expansion
		Not settled	Lots in Township of York, private individuals	Jan 8/51	Airdrome Expansion
Edgar.....	Air.....	13,500 00	Laura Price	Mar 24/51	Airdrome Expansion
		900 00	J. Bertram	Aug 1/51	Airdrome Expansion
		1,350 00	R. Healey	Sep 30/50	Radio Site
		350 00	P. J. Shanahan	Sep 30/50	Radio Site
		850 00	H. Mackay	Sep 30/50	Radio Site
		575 00	City of Simcoe	Oct 23/50	Radio Site
Falconbridge.....	Air.....	3,000 00	L. LaBrie	Sep 30/50	Radio Site
		Not settled	E. Demore	May 11/51	Radio Site
		700 00	R. Delban	May 11/51	Radio Site
		400 00	Province of Ont.	May 11/51	Radio Site
		3,500 00	Key Green Investors	May 15/50	Garaged and Garage
Fort Francis	Army.....	3,500 00	W. O'Connor	Nov 8/50	Radio Site
Foymount.....	Air.....	100 00	W. Gallagher	Nov 8/50	Radio Site
		210 00	A. Holly	Nov 8/50	Radio Site
		400 00	J. O'Connor	Nov 8/50	Radio Site
		3,050 00	G. & H. Granitz	Jan 4/51	Radio Site
Gananoque.....	Army.....	1,500 00	Expropriated	June 22/51	Trucked Driving Area
Goderich.....	Army.....	1 00	Town of Goderich	Oct 2/50	Armoury
Kitchener.....	Army.....	5,062 42	City of Kitchener	Jan 13/51	Armoury
Leitrim.....	Army.....	137 50	M. A. McAllister	Jan 13/50	Additional land for Mast.
London.....	Army.....	20,000 00	The Midway Properties Limited	June 24/50	Married Quarters
Long Branch.....	Army.....	68,320 00	Belle Ayre Day't Co.	Oct 3/50	Married Quarters
North Bay.....	Air.....	12,000 00	W. Carmichael	Dec 28/50	Married Quarters
		1,600 00	C. H. Dennis	Nov 21/50	Transmitter Site
		5,000 00	J. Novakowski	Aug 27/51	Runway Extension
		10,500 00	I. St. Pierre	Sep 19/51	Runway Extension
		3,250 00	A. St. Pierre	June 23/51	Range
		3,000 00	B. C. Hough	June 23/51	Range
		4,500 00	A. St. Pierre	June 23/51	Range
		1,500 00	L. & M. Hay	June 23/51	Range
		7,000 00	A. Blaine	June 23/51	Range
		900 00	C. & B. Acres	June 23/51	Range
		1,400 00	L. Acres	June 23/51	Range
		1,520 00	L. & E. Carlyle	June 23/51	Range
		1,000 00	G. & H. Carlyle	June 23/51	Range
		1,800 00	J. Cameron	June 23/51	Range
		5,000 00	E. & H. Dockstader	June 23/51	Range
		1,123 00	E. & H. Dockstader	June 23/51	Range
		2,875 00	A. Kerr	June 23/51	Range
		1,500 00	S. W. Kerr	June 23/51	Range
		125 00	I. J. Kerr	June 23/51	Range
		700 00	R. & R. Porteous	June 23/51	Range
		2,100 00	A. St. Pierre & H. Rosen	June 23/51	Range
		4,500 00	O. J. St. Pierre	June 23/51	Range

Location	Service	Purchase Price	From Whom Purchased	Date of Purchase	Purpose
ONTARIO—Continued					
Ottawa.....	Army.....	Not settled	Ottawa School Board.....	Apr 17/51	Reserve Force Accommodation
Ottawa.....	Air.....	43,000 00	Expropriation.....	Apr 17/51	Reserve Force Accommodation
		16,500 00	Brosson Co.....	Aug 16/51	Building Area
		40,000 00	J. Omaniaque.....	Feb 2/51	Purchase of Building
Pictou.....	Army.....	16,500 00	W. Thompson.....	Oct 17/51	Building Area
Point Petre.....	Army.....	26,980 00	Expropriation.....	Apr 17/51	Married Quarters
		1,238 00	G. & C. McCaw.....	Aug 2/51	Anti-Aircraft Range
		1,000 00	W. C. Haggerty.....	Aug 29/51	Anti-Aircraft Range
		2,000 00	Nelson Moore.....	Aug 10/51	Anti-Aircraft Range
		1,000 00	J. G. Walker.....	Aug 2/51	Anti-Aircraft Range
		2,035 00	G. Wood.....	Aug 2/51	Anti-Aircraft Range
		2,975 00	W. M. Wainaley.....	Aug 10/51	Anti-Aircraft Range
		4,871 00	P. Collier.....	Aug 2/51	Anti-Aircraft Range
		5,350 00	F. Frost.....	Aug 2/51	Anti-Aircraft Range
		1,245 00	H. Wood.....	Aug 2/51	Anti-Aircraft Range
		4,000 00	G. Rose.....	Aug 10/51	Anti-Aircraft Range
		4,385 00	A. D. Collier.....	Aug 10/51	Anti-Aircraft Range
		1,095 00	C. Bartman.....	Aug 2/51	Anti-Aircraft Range
		975 00	A. McCrimmon.....	Aug 29/51	Anti-Aircraft Range
		1,125 00	W. F. Demore.....	Aug 29/51	Anti-Aircraft Range
		2,500 00	W. O. Striker.....	Aug 2/51	Anti-Aircraft Range
		2,500 00	F. Tomlinson.....	Aug 2/51	Anti-Aircraft Range
Ramseyville.....	Navy.....	Not settled	Owners Unknown.....	July 24/50	Naval Experimental Station
Rockville.....	Air.....	1 00	Town of St. Mary's.....	Dec 9/50	Armoury
St. Mary's.....	Army.....	30,000 00	R. Roy.....	Nov 13/50	Parking Lot
Toronto.....	Army.....	1,500 00	Victor Co.....	Dec 6/50	Parking Lot
Woodbridge.....	Army.....	Not settled	Various owners.....		
Trenton.....	Air.....	2,295 00	F. M. Reid.....		
Uplands.....	Air.....	1,359,288 00	Various owners.....		
MANITOWA—					
MacDonald.....	Air.....	Not settled	Owners Unknown.....	Oct 11/50	Radio Site
Rivers.....	Air.....	2,000 00	V. Smythe.....	Sept 7/50	Airdrome Expansion
Stevenson Field.....	Air.....	4,541 00	H. Smith.....	Oct 18/51	Airdrome Expansion
		4,565 00	P. Tarapasky.....	Aug 29/50	Water supply line
		2,300 00	A. Trotter.....	Apr 30/51	Building Area
		4,790 00	T. Clarke.....	Apr 30/51	Building Area
		4,400 00	W. Dutka.....	Apr 30/51	Building Area
		5,500 00	F. Courtney.....	Apr 30/51	Building Area
		3,800 00	R. & R. King.....	Apr 30/51	Building Area
		23,760 00	Municipality of St. James.....	Apr 30/51	Building Area

DEFENCE EXPENDITURE

167

MANITOBA— Virden..... Winnipeg..... Winnipeg.....	Army.....	6,000 00	Estate of H. Hoover.....	May 11/50	Temporary Transport Garage
	Army.....	7,016 77	City of Winnipeg.....	Oct 12/50	Parade Ground and Sports Field
	Air.....	75,456 11	W. Rodgers.....	July 19/50	Station Development
		6,300 00	J. V. Wells.....	Apr 10/50	Radio Site
		65 00	Estate of D. Oxley.....	Apr 10/50	Radio Site
		65 00	C. M. Brown.....	Apr 10/50	Radio Site
		2,677 00	A. Cameron.....	Apr 10/50	Radio Site
		750 00	Municipality of Assiniboia.....	Apr 10/50	Radio Site
SASKATCHEWAN— Assiniboia..... Moose Jaw.....	Army.....	3,800 00	C. Dougherty.....	Oct 31/50	Reserve Force Accommodation
	Air.....	Not settled		Oct 17/51	Married Quarters
ALBERTA— Calgary..... Edmonton..... Edmonton..... Edmonton.....	Air.....	9,000 00	F. S. Sanderson.....	Nov 13/50	Married Quarters
	Navy.....	7,000 00	Navy League of Canada.....	Aug 13/51	Boathouse and Jetty for Naval Reserve
		3,000 00	City of Edmonton.....	July 3/50	Expansion of Naval Division
		38,500 00	A. Bloomer.....	Sep 1/51	Additional land for new depot area
		250 00	J. Grant.....	Sep 7/53	Radio Site
		4,342 00	F. Rastemeir.....	Sep 7/50	Radio Site
		24,000 00	E. Yeake.....	Apr 29/50	Radio Site
		100 00	J. Wall.....	Sep 7/50	Radio Site
		200 00	A. D. Carruthers.....	Nov 24/50	Radio Site
		1,500 00	Edmonton Fur Sales.....	June 22/51	Armoury
Fort Chipewyan..... Lethbridge..... Nanaimo..... Strathmore..... Wabamun.....	Army.....	Not settled	Provincial Marketing Board.....	Aug 16/51	Aerodrome Expansion
	Army.....	10,000 00	Owner unknown.....	Feb 21/51	Flight Clearance
	Army.....	1 00	Mr. Kobasiak.....	Sep 29/51	Armoury
	Navy.....	400 00	Department of Citizenship & Immigration for Paul's Band of Indians	Jan 12/51	Summer Camp Site
BRITISH COLUMBIA— Chilliwack..... Coquitlam..... Esquimalt..... Kamloops.....	Army.....	2,400 00	F. W. Ingham.....	Jan 9/51	Right of Way
	Army.....	192,000 00	Expropriation.....	Aug 9/51	Warehouse Site
	Navy.....	30,000 00	Leslie Mural St.....	May 20/51	Permanent Married Quarters
			Clair Keith.....		
		100 00	City of Kamloops.....	Dec 10/50	Naval Magazine Site
		25 00	Eva E. Power.....	Dec 10/50	Naval Magazine Site
		2,201 00	Province of British Columbia.....	May 15/50	Naval Magazine Site
		600 00	Eva E. Power.....	Jan 12/51	Naval Magazine Site
		1,000 00	City of Kamloops.....	Jan 18/51	Naval Magazine Site
		400 00	D. Bowers & G. Bowers.....	May 1/51	Naval Magazine Site

97446—3

Location	Service	Purchase Price	From Whom Purchased	Date of Purchase	Purpose
BRITISH COLUMBIA—					
Masset.....	Navy.....	3,000 00	Buckley Securities Ltd.....	Jan 2/51	Radio Site
Mission.....	Army.....	900 00	J. Turner & E. MacFadden.....	July 6/51	Parking Space
Nanoose Bay-Vancouver Island.....	Navy.....	75,000 00	A. Johnstone.....	Aug 15/51	Training Site
Rocky Point, Metchoosin District.....	Navy.....	35,000 00	W. Keller.....	Aug 30/51	Naval Magazine
Vancouver Island.....	Navy.....	8,000 00	C. & K. Wood.....	Aug 30/51	Naval Magazine
		10,500 00	N. Cann.....	Aug 30/51	Naval Magazine
		27,550 00	A. C. Burdick.....	Aug 30/51	Naval Magazine
		65,000 00	David Hunter Miller.....	Aug 30/51	Naval Magazine
		7,000 00	V. Lunt.....	Aug 30/51	Naval Magazine
		5,500 00	A. Brownlee.....	Aug 30/51	Naval Magazine
		3,000 00	Dorothy Parker.....	Aug 30/51	Naval Magazine
		33,000 00	A. & D. Parker.....	Aug 30/51	Naval Magazine
		12,100 00	Mrs. K. Johnson.....	Aug 30/51	Naval Magazine
		4,750 00	J. MacKenzie.....	Aug 30/51	Naval Magazine
		1,665 00	J. B. Edwards.....	Aug 30/51	Naval Magazine
		1,665 00	C. Foster.....	Aug 30/51	Naval Magazine
		11,000 00	Dr. Brock Chisholm.....	Aug 30/51	Naval Magazine
		11,000 00	C. McClosky.....	Aug 30/51	Naval Magazine
		5,000 00	G. Davey.....	Aug 30/51	Naval Magazine
		11,000 00	Veteran's Land Act.....	Aug 30/51	Naval Magazine
		5,700 00	P. Davidson.....	Aug 30/51	Naval Magazine
		28,500 00	W. & W. Hailland.....	Aug 30/51	Naval Magazine
		4,750 00	Russell Hemsworth.....	Aug 30/51	Naval Magazine
		100 00	C. & C. Ball.....	Aug 30/51	Naval Magazine
		24,700 00	Retlick.....	Oct 31/51	Naval Magazine
Trail.....	Army.....	8,000 00	Rotary Club of Trail.....	July 28/50	Armoury
Victoria.....		105,000 00	F. Begg.....	June 27/51	Reserve HQ
YUKON TERRITORIES—					
Aklavik.....	Navy.....	1,000 00	Hudson's Bay Co.....	Nov 16/51	House on skids
		6,000 00	Kenneth Anieris.....	Apr 4/51	Lots with house and shed
Dawson.....	Army.....	100 00	Edwin Low.....	May 11/51	Married Quarters
		4,000 00	A. C. Duncan.....	Apr 6/51	Married Quarters
		4,400 00	E. Fournier and Veteran's Land Act.....	May 14/51	Married Quarters
		4,500 00	H. Wilson.....	Apr 6/51	Married Quarters
		3,200 00	M. McChaug.....	Apr 6/51	Married Quarters
		8,500 00	K. O'Hara.....	Apr 5/51	Maintenance Camp
Alaska Highway, Mile 1167.....					
OUTSIDE CANADA—					
ENGLAND—					
London.....		£24,000 00	Southcourt Ltd.....	Jan 12/51	Office Accommodation

DEFENCE EXPENDITURE

169

PART II—LEASES OF LANDS AND BUILDINGS BY DND IN FORCE AT DECEMBER 1, 1951

Location	Force	Rented (per annum unless otherwise stated)	Date and Term of Lease		Purpose
NEWFOUNDLAND— Grand Falls.....	Army	1 00	7 Feb	50 99 years	Armoury Site
PRINCE EDWARD ISLAND—					
Charlottetown.....	Army	180 00	1 Apr	48 Yearly	COTC Accn
Montague.....	Army	750 00	1 Mar	51 1 year	Armoury Accn for RF
Souris.....	Army	360 00	1 May	48 5 years	Armoury for RF
NOVA SCOTIA—					
Amherst.....	Army	20 00	1 Apr	40 15 years	Rifle Range Site
Bridgetown.....	Army	2,400 00	1 Apr	51 1 year	Armoury Accn for RF
Chelucto Bty.....	Army	5 00	1 Oct	42 Yearly	Bty Site
	Army	10 00	1 Oct	42 Yearly	Bty Site and R/W
Church Point.....	Army	250 00	1 Apr	48 Yearly	COTC Accn
Dartmouth.....	Army	600 00	1 Apr	49 Yearly	Armoury Accn for RF
Debert.....	Army	154 75	15 May	41 Yearly	Railway Siding
		94 77	1 Dec	49 Yearly	Railway Siding
		16 00	15 Aug	40 Yearly	Site for Ordnance Bldg.
Deep Brook.....	Navy	1 00	1 Oct	43 21 years	Site for Naval Railway Station
Flandrum.....	Army	1 00	12 Mar	42 Yearly	POP Site
Glace Bay.....	Army	10 00	1 Mar	48 Yearly	Site for RF Bldg.
	Army	1,656 00	15 Sep	51 1 year	Armoury RF
	Army	720 00	1 Jul	51 1 year	Garage RF
Halifax.....	Army	500 00	1 Apr	49 Yearly	COTC Accn
		174 78	1 Jan	49 Yearly	Rly Siding—Willow Park
		74 83	1 Jan	44 Yearly	Rly Siding—Willow Park
		76 42	1 Dec	42 Yearly	Rly Siding—Willow Park
		41 90	2 Jul	42 Yearly	Siding for RCE Stores
Halifax.....	Army	752 50	1 Apr	48 Yearly	COTC Accn
	Navy	10 00	1 Apr	48 Yearly	COTC Accn
		360 00	28 Dec	44 Month to month	Site for Parking Naval Vehicles
Lunenburg.....	Army	50 00	1 Jul	51 1 year	Rifle Range Site
	Army	100 00	1 Jul	51 1 year	Rifle Range Site
Mahone Bay.....	Army	600 00	26 May	51 1 year	HQ No. 1 Manning Depot
New Glasgow.....	Army	2,400 00	8 Jun	42 Monthly	Armoury Accn for RF
		150 00	1 Oct	40 Monthly	Drill Hall Site
		72 00	1 Feb	42 Monthly	Drill Hall Site
		1,980 00	1 Aug	51 1 year	Recruiting Station
New Waterford.....	Army	840 00	1 Jul	51 1 year	Armoury Accn for RF
Pictou.....	Army	120 00	1 May	50 Yearly	Garage Accn for RF
River Herbert.....	Army	300 00	19 Feb	51 1 year	Armoury Accn for RF
Scotchtown.....	Army	36 00	1 Apr	43 Yearly	RDF Site
Springhill.....	Army	5 00	1 Nov	43 10 years	Rifle Range Site
Stellarton.....	Army	1,800 00	1 Sep	51 1 year	Armoury Accn for RF
Stewiacke.....	Army	360 00	1 Jan	51 1 year	Armoury Accn for RF
	Army	240 00	16 May	51 1 year	Garage (RF)
Sydney Mines.....	Army	1,200 00	1 Oct	50 1 year	Armoury Accn for RF
West Paradise.....	Army	700 00	1 Apr	49 25 years	Land and R/W
Wolfville.....	Army	1,200 00	15 May	42 Monthly	Armoury Accn for RF
		1,200 00	1 Mar	51 1 year	Garage Accn for RF
		500 00	1 Apr	48 Yearly	COTC Accn
Yarmouth.....	Army	1,800 00	14 Aug	51 1 year	Recruiting Station
NEW BRUNSWICK—					
Bathurst.....	Army	600 00	1 Aug	40 Monthly	Armoury Accn Reserve Force
		300 00	1 Aug	47 Monthly	Same as above
		144 00	1 Apr	48 Yearly	COTC Accn
		240 00	1 Jun	51 1 year	Garage Accn Reserve Force
Berry Mills.....	RCAF	1 00	1 Jan	46 Yearly	Station Site
Campbellton.....	Army	2,400 00	1 Jun	51 1 Year	Armoury Accn RF
		1 00	1 Apr	50 Yearly	Armoury Accn RF
		1,050 00	1 Jan	51 1 year	Armoury Accn RF
		2,400 00	1 Sep	50 Yearly	Armoury Accn RF
Chatham.....	Army	180 00	1 Apr	48 Yearly	COTC Accn
	RCAF	94 50	1 Apr	49 (as long as required)	W/T Site
		10 00	18 Jun	49 "	W/T Site
		15 00	20 Jul	49 "	W/T Site
		25 00	12 Feb	48 "	D/F Station

SPECIAL COMMITTEE

PART II—LEASES OF LANDS AND BUILDINGS BY DND IN FORCE AT DECEMBER 1, 1951
—Continued—

Location	Force	Rented (per annum unless otherwise stated)	Date and Term of Lease			Purpose
NEW BRUNSWICK—						
Clifton.....	Army	360 00	1 May	47	Monthly	Armoury Accn for RF
		240 00	1 Apr	51	1 year	Garage Accn Reserve Force
Dalhousie.....	Army	600 00	1 Sep	46	Monthly	Armoury Accn for RF
		420 00	15 Jun	49	1 year Monthly thereafter	Garage Accn for RF
Edmundston.....	Army	1 00	1 Jun	46	5 years	Armoury Accn for RF
Fredericton.....	Army	900 00	10 Feb	51	1 year	Garage Accn for RF
	Army	720 00	1 Jan	51	1 year	Supply Depot and Petrol Point
	Army	2,000 00	1 Sep	50	Yearly	COTC & UNTD Accn
	Army	2,400 00	15 Sep	50	Monthly	RCASC Garage
Grand Falls.....	Army	1,800 00	1 Sep	51	1 year	Armoury Accn for RF
Hampton.....	Army	480 00	1 Dec	46	Yearly	Armoury Accn for RF
		120 00	1 Apr	47	Monthly	Garage Accn for RF
Havelock.....	Army	144 00	15 Jun	44	Monthly	Armoury Accn for RF
McGivney.....	Army	752 29	1 Oct	42	Monthly	Railway Siding Amn Depot
Moncton.....	Army	2,847 00	1 Apr	47	Yearly	Garrison Brks Site
Newcastle.....	Army	1,800 00	1 Aug	51	1 year	Armoury Accn for RF
		1,200 00	1 Nov	46	Monthly	Same as above
Petitodiac.....	Army	540 00	1 Jan	50	Yearly	Armoury Accn for RF
		120 00	15 Feb	48	Monthly	Garage Accn for RF
Plaster Rock.....	Army	420 00	15 Nov	46	Monthly	Armoury Accn for RF
Pointe du Chene...	RCAF	250 00	4 Nov	50	Yearly	Fuel Depot
Saint John.....	Army	5 00	1 Jun	41	Yearly	Part of Site of Fort Dufferin
		10 00	1 Jun	45	Yearly	Part of Site of Fort Dufferin
		1 00	15 Jul	42	Yearly	Site for RF Accn
Saint Martins.....	Army	600 00	1 Oct	51	1 year	Armoury Accn for RF
St. Stephen.....	Army	600 00	15 Jul	50	Yearly	Armoury Accn for RF
		2,700 00	15 Nov	48	3 years	Armoury Accn for RF
Sackville.....	Army	1,800 00	1 Jan	51	1 year	Armoury Accn for RF
	Army	2,400 00	1 Sep	50	Yearly	COTC & UNTD Accn
Salisbury.....	Army	480 00	1 Feb	51	1 year	Armoury Accn for RF
Shediac.....	Army	1,500 00	1 Jun	51	1 year	Armoury Accn for RF
Sussex.....	Army	101 49	1 Sep	39	Yearly	Railway Siding Sussex Camp
		75 00	1 Nov	42	Yearly	Railway Siding Sussex Camp
		122 00	1 Nov	42	Yearly	Railway Siding Sussex Camp
Utopia.....	Army	180 00	9 Dec	45	Yearly	Part of Camp Site
		25 00	1 Apr	46	Yearly	Part of Camp Site
		15 00	28 Oct	43	Yearly	Part of Camp Site
		6 00	16 Nov	43	Yearly	Part of Camp Site
		2 50	27 Oct	43	Yearly	Part of Camp Site
QUEBEC—						
Arvida.....	Army	2,400 00	1 Dec	48	Monthly	Reserve Force Armoury
		4,800 00	1 May	51	Monthly	Reserve Force Bldg.
Bouchard.....	Army	11,692 00	6 Dec	47	Bi-monthly	Railway Sidings
		3,152 46	22 Apr	42	Until notice	Railway Sidings
Bury.....	Army	36 00	1 Jul	43	Monthly	Reserve Force Garage
		360 00	1 Nov	51	1 year	Reserve Force Garage
Cap de la Madeleine.....	Army	1 00	3 Oct	46	Tri-monthly	Hanger sites for Reserve Force
Cartierville.....	RCAF	2,400 00	1 Jun	47	Yearly	Office Accommodation
Coaticook.....	Army	516 00	1 Dec	50	Yearly for 2 years	Reserve Force Garage
Cookshire.....	Army	600 00	15 Jun	42	Monthly	Reserve Force Armoury
Cowanville.....	Army	1,500 00	1 Oct	45	5 years	Reserve Force Armoury
Deanville.....	Army	1,320 00	1 Jan	52	1 year	Reserve Force Armoury
Drummondville.....	Army	1,200 00	1 Oct	51	1 year	Reserve Force Garage
Gaspe.....	Army	25 00	1 Nov	43	Yearly	Land for Rifle Range
Joliette.....	Army	2,400 00	1 Jun	47	5 years	Reserve Force Accommodation
Josquiere.....	Army	600 00	Apr	51	1 year	Reserve Force Armoury
Lachine.....	RCAF	1,500 00	19 Nov	42	Yearly	Station Area
Matane.....	Army	3,300 00	1 Sep	51	1 year	Officers for Reserve Force
Montmagny.....	Army	200 00	*1 Aug	51	1 year	Reserve Force Rifle Range
	Army	480 00	15 Nov	49	Monthly	Reserve Force Garage

DEFENCE EXPENDITURE

171

PART II—LEASES OF LANDS AND BUILDINGS BY DND IN FORCE AT DECEMBER 1, 1951
—Continued—

Location	Force	Rented (per annum unless otherwise stated)	Date and Term of Lease			Purpose
QUEBEC—Con.						
Montreal.....	Army	8,280 00	1 May	49	Yearly	RCASC Supply Depot
	Army	4,200 00	1 Dec	51	1 year	COTC Accommodation
	Army	7,480 00	1 Oct	51	1 year	COTC Accommodation
	Army	5,112 00	1 Mar	51	1 year	Reserve Force Garage
	Army	9,000 00	1 Apr	48	Yearly	COTC Accommodation
	Army	900 00	1 May	50	Monthly	Parking Area for Active Force
	Army	1,800 00	1 Apr	48	Yearly	COTC Accommodation
	Army	50 00	1 Jan	45	Yearly	Railway Siding Site
	Army	5,367 05	1 Sep	42	Yearly	Railway Sidings
	Army	10 00	1 Apr	46	Yearly	Fence on Railway Property
	Army	56 00	1 Aug	50	Yearly	Land for Roadway
	RCAF	360 00	1 Dec	49	Yearly	Reserve Accommodation
	RCAF	17,500 00	15 Jun	50	5 years	R & C Unit
	RCAF	200 00	1 Sep	50	Yearly	AMES 11
New Carlisle.....	Army	96 00	1 Feb	50	Monthly	
		1,200 00	1 Sep	45	Monthly	
Noranda.....	Army	750 00	1 Nov	51	Yearly	Reserve Force Accommodation
	Army	1,500 00	1 Sep	50		Reserve Force Garage
	Army	3,300 00	1 Nov	51	1 year	Reserve Force Armoury
	Army	1,500 00	1 May	51		Reserve Force Accommodation
North River.....	Army	180 00	1 July	51		Tank Hangar (RF)
	Army	120 00	1 Jan	51		Gun Storage (RF)
Outremont.....	Navy	2,500 00	1 July	51	2 years	Temporary Naval Storage Depot
Plessisville.....	Army	264 00	1 Nov	48	Monthly	Indoor Rifle Range (RF)
	Army	960 00	1 Aug	51	1 year	Reserve Force Accommodation
Port Alfred.....	Army	3,600 00	1 Jan	51	1 year	Reserve Force Armoury
Quebec.....	Army	1 00	1 July	51	10 mon. lease	Drill Hall Site
	Army	10,000 00	1 Sep	51	3 years	Reserve Force Armoury
	RCAF	900 00	1 June	50	Yearly	Reserve University Sqdn.
Rock Island.....	Army	300 00	1 Dec	51		
Ste. Anne de Belle- vue.....	Army	360 00	1 July	51		Reserve Force Accommodation
St. Jerome.....	Army	500 00	1 Nov	47	15 years	Reserve Force Accommodation
Ste. Marie Beauce.....	Army	600 00	1 Aug	50	Monthly	Training Accommodation (RF)
St. Romuald.....	Army	4,200 00	1 Nov	48	5 years	Reserve Force Accommodation
Scotstown.....	Army	300 00	1 April	51		Armoury (RF)
	Army	96 00	1 Nov	51		Garage (RF)
	Army	96 00	1 Nov	51		Garage (RF)
	Army	120 00	1 Sep	50		Training Ground (RF)
Shawinigan Falls..	Army	2,700 00	1 Mar	51		Armoury (RF)
	Army	3,000 00	9 Dec	50	Monthly	Armoury (RF)
Sherbrooke.....	Army	4,200 00	1 Jan	51		Accommodation (RF)
	Army	2,000 00	1 Sep	51		
	Army	6,300 00	1 June	51		Workshop & Garage (RF)
Sorel.....	Army	3,840 00	1 April	51		Training & Storage (RF)
Thetford Mines....	Army	156 00	15 Nov	49	Monthly	Garage (RF)
Windsor Mills.....	Army	840 00	1 April	47		Armoury (RF)
ONTARIO—						
Ajax.....	Army	900 00	1 Dec	50	1 year	Armoury (RF)
Bancroft.....	Army	594 00	1 Jul	51	1 year	Armoury (RF)
	Army	108 00	1 Feb	50	Monthly	Garage (RF)
Belleville.....	Army	7,200 00	21 Feb	51	5 years	Armoury (RF)
Brampton.....	Army	25 00	1 Jul	50	Yearly	Land for Rifle Range
	Army	1,200 00	1 Feb	51	1 year	Garage (RF)
Brockville.....	Army	35 00	21 Nov	42	Yearly	Military Camp
	Army	25 00	1 Aug	41	Monthly	Military Camp
	Army	200 00	1 Aug	41	Monthly	Military Camp
	Army	2 00	1 Jul	43	Yearly	Military Camp
	Army	175 00	1 Jan	43	Monthly	Rifle Range
	Army	15 00	1 Aug	41	Monthly	Rifle Range
	Army	21 00	1 Aug	41	Monthly	Rifle Range
	Army	10 00	1 Aug	41	Monthly	Rifle Range
	Army	55 00	1 Jan	47	Monthly	Rifle Range
	Army	84 00	1 Jan	47	Monthly	Rifle Range
	Army	400 00	1 Aug	41	Monthly	Rifle Range
	Army	45 00	1 Aug	41	Monthly	Rifle Range

97446—4

SPECIAL COMMITTEE

PART II—LEASES OF LANDS AND BUILDINGS BY DND IN FORCE AT DECEMBER 1, 1951
—Continued—

Location	Force	Rented (per annum unless otherwise stated)	Date and Term of Lease			Purpose
ONTARIO—Con.						
Burks Falls.....	Army	1,500 00	1 Jan	51	1 year	Armoury (RF)
Camp Borden.....	Army	700 00	25 Aug	50	3 years	Land Gravel Pit
Carleton Place.....	Army	180 00	1 Mar	46	Monthly	Armoury (RF)
Edwards.....	Army	300 00	1 May	48	Yearly	Gun Storage
Fort Erie.....	Navy	105 00	15 Nov	42	Monthly	Naval W/T Station Site
Fort Erie.....	Army	1,020 00	1 Apr	51	1 year	Armoury (RF)
Fort Frances.....	Army	2,640 00	1 Feb	51	1 year	Armoury (RF)
Fort William.....	Army	120 00	1 Feb	47	Monthly	Garage (RF)
Frankford.....	Army	150 00	1 Jun	51	1 year	Storage space
Frankford.....	Army	400 00	1 Jan	49	Yearly	Armoury (RF)
Frankford.....	Army	840 00	1 Jul	51	Monthly	Garage (RF)
Galt.....	Army	60 00	1 Jul	50	1 year	Garage (RF)
Goderich.....	Army	1,044 00	1 May	48	5 years	Armoury (RF)
Goderich.....	Army	360 00	1 Nov	50	1 year	Armoury (RF)
Guelph.....	Army	500 00	1 Apr	47	Monthly	COTC
Hagersville.....	Army	510 11	6 Jan	42		Railway siding
Hagersville.....	Army	366 18	1 Aug	46		Railway siding
Hamilton.....	Army	475 00	1 Apr	49	Yearly	COTC
		(+\$2.00 per period per lecture room)				
Kingston.....	Army	1,200 00	1 Apr	51	1 year	RCASC Garage
Kingston.....	Army	400 00	1 Apr	48	Yearly	COTC Aeen
Kingston.....	Army	720 00	1 Jul	50	1 year	Armoury RF
Kingston.....	DRB	3,500 00	1 Apr	47	Yearly	Laboratory Aeen
Kenora.....	Army	1 00	1 Jul	50	7 years	Indoor Rifle Range
Kitchener.....	Army	120 00	1 Apr	47	Monthly	Parade Ground
London.....	Army	1,500 00	1 Apr	50	Yearly	COTC Aeen
		(\$1.00 per man in units)				
Madoc.....	Army	152 00	12 Nov	42		Railway Siding (COD)
Madoc.....	Army	258 00	12 Dec	40		Railway Siding (COD)
Madoc.....	Army	108 00	1 Nov	49	1 year thereafter monthly	Garage (RF)
Malton.....	Army	339 04	21 Dec	47	Yearly	Use of Storm Sewer
Marathon.....	Army	1,500 00	1 Sep	49	Monthly	Armoury (RF)
Merrickville.....	Army	1 00	5 Aug	07	99 years	Armoury (RF)
Midland.....	Army	600 00	1 Jun	51	1 year	Armoury (RF)
Mohawk.....	RCAF	2,508 50	1 Sep	40	Yearly	Airport Site
Morrisburg.....	Army	1 00	1 Mar	50	99 years	Vacant
North Bay.....	Army	1,140 00	1 May	51	1 year	Recruiting Office
Oshawa.....	Army	2,400 00	1 Nov	50	1 year	Armoury (RF)
Oshawa.....	Army	560 00	1 Sep	50	1 year	RCASC Parking Space
Ottawa.....	Army	9,000 00	1 May	48	5 years	Historical Section
Ottawa.....	Army	781 20	31 Oct	49	Monthly	Imperial War Graves Com- mission
Ottawa.....	Army	600 00	15 Apr	42	Yearly	Site for Composite Stores
Ottawa.....	Army	193 81	1 Oct	43	Yearly	Railway Siding (Plouffe Park)*
Ottawa.....	Army	8,220 00	1 Mar	51	1 year	Armoury (RF)
Ottawa.....	Army	1 00	18 Dec	40	Monthly	Armoury (RF)
Ottawa.....	Army	15,000 00	25 Mar	51	5 years	Armoury (RF)
Ottawa.....	Army	7,800 00	11 May	49	3 years	Armoury (RF)
Ottawa.....	Army	1,560 00	1 Apr	48	Yearly	COTC Aeen
Ottawa.....	Army	900 00	1 Apr	51	5 months	COTC Aeen
Owen Sound.....	Army	1,020 00	1 Dec	50	1 year	Armoury (RF)
Owen Sound.....	Army	4,800 00	15 Dec	50	1 year	Armoury (RF)
Paris.....	Army	1,200 00	1 Nov	50	1 year	Armoury (RF)
Parry Sound.....	Army	360 00	1 Sep	50	Monthly	Storage (RF)
Perth.....	Army	720 00	1 Sep	50	1 year	Garage (RF)
Petawawa.....	Army	25 00	3 Jul	50	1 year	Removal of Gravel
Petawawa.....	Army	198 00	1 Jul	29	Yearly	Railway Siding
Petawawa.....	Army	127 00	1 Nov	25	Yearly	Railway Siding
Petawawa.....	Army	1 00	1 May	41	Yearly	Training Area
Petawawa.....	Army	42 00	2 Jun	42	Yearly	Coal Spur
Petawawa.....	Army	1 00	1 Mar	43	Yearly	Training Area
Port Colborne.....	Army	1,200 00	1 Feb	51	1 year	Armoury (RF)

DEFENCE EXPENDITURE

173

PART II—LEASES OF LANDS AND BUILDINGS BY DND IN FORCE AT DECEMBER 1, 1951
—Continued

Location	Force	Rented (per annum unless otherwise stated)	Date and Term of Lease		Purpose
ONTARIO—Con.					
Port Credit.....	Army	600 00	1 Jan	42	Armoury (RF)
Port Hope.....	Army	1 00	1 Jul	48	Armoury Site
	Army	834 00	15 Dec	49	Armoury (RF)
Renfrew.....	Army	144 00	30 Sep	50	Armoury (RF)
Sarnia.....	Army	840 00	1 Sep	51	Garage (RF)
Sault Ste. Marie.....	Army	1 00	15 Oct	43	Sgts. Mess
Smith Falls.....	Army	600 00	15 May	40	Armoury (RF)
Strathroy.....	Army	300 00	1 Dec	51	Armoury (RF)
St. Mary's.....	Army	540 00	1 Jan	51	Armoury (RF)
	Army	408 00	15 Jun	50	Garage (RF)
Stouffville.....	Army	739 60	1 Jun	50	Training Area (RF)
	Army	900 00	15 Nov	49	Armoury (RF)
Sudbury.....	Army	480 00	7 Dec	48	Storage of Vehicles
	Army	4,200 00	1 Jun	51	Armoury (RF)
Terrace Bay.....	Army	3,000 00	1 Mar	51	Armoury (RF)
Tillsonburg.....	Army	900 00	12 Dec	40	Armoury (RF)
Toronto.....	Army	6,000 00	1 Sep	49	Garage and Workshop
	Army	11,520 00	1 Feb	49	Armoury (RF)
	Army	6,375 00	1 Jan	51	Training Bldg.
	Army	1,515 00	16 Jan	51	Transport Accn.
	Army	1,200 00	15 Mar	43	Parking Lot
	Army	6,200 00	1 May	51	Armoury (RF)
	Army	2,139 00	15 Sep	50	Armoury (RF)
	Army	764 80	13 Mar	51	Office Space (RTO)
	Army	2,091 60	1 Apr	51	COTC Accn
	Army	90 00	Period of lease indefinite		Parking Space
	Navy	1 00	1 Oct	44	Site for Naval Divisions
	Navy	900 00	15 Nov	49	Hangar for Naval Training Aircraft
Welland.....	Army	1 00	1 Jul	47	Armoury (RF)
	Army	600 00	5 Oct	48	Garage (RF)
Weston.....	RCAF	5 00	1 Jan	46	Supply Depot
Windsor.....	Army	3,600 00	1 May	50	Site for Hutments (RF)
Wingham.....	Army	240 00	1 May	48	Armoury (RF)
	Army	1 00			Parking Lot (RF)
Woodstock.....	Army	180 00	1 May	51	Land Training Area (RF)
MANITOBA—					
Birtle.....	Army	480 00	1 Oct	51	Armoury Accn (RF)
Brandon.....	Army	1 00	1 Jul	47	Vehicle Training Area
Carman.....	Army	840 00	1 Apr	51	Armoury Accn (RF)
Churchill.....	Army	555 14	1 Feb	45	Railway Siding
Clear Lake.....	Army	10 00	1 Apr	45	Cadet Camp Site
Dauphin.....	Army	120 00	1 Nov	47	Garage Accn (RF)
Dryden.....	Army	1,440 00	1 Nov	49	Armoury Accn (RF)
	Army	120 00	1 Nov	51	Garage Accn (RF)
Flin Flon.....	Army	1,800 00	1 May	45	Armoury Accn (RF)
Rivers.....	RCAF	2,508 50	1 Sep	40	Airport Site
Shilo.....	Army	1 00	31 Jul	42	Sewage disposal site
	Army	1 00	4 Nov	42	Storage & Isolation magazine
	Army	659 13	26 Sep	34	2 railway sidings
Swan River.....	Army	420 00	1 Jul	51	Armoury Accn (RF)
The Pas.....	Army	300 00	1 Jun	49	Armoury Accn (RF)
	Army	120 00	14 Feb	47	Armoury Accn (RF)
Winnipeg.....	Army	5,700 00	1 Apr	46	Barrack Site
	Army	338 84	1 Dec	51	Railway Siding
	Army	101 57	10 Jun	40	Railway Siding
	Army	480 00	1 Apr	48	COTC Accn
	RCAF	2,500 00	1 Sep	42	Airport Site
	RCAF	6 00	1 Aug	50	Parking Area
		per month		month	

SPECIAL COMMITTEE

PART II—LEASES OF LANDS AND BUILDINGS BY DND IN FORCE AT DECEMBER 1, 1951
—Continued

Location	Force	Rented (per annum unless otherwise stated)	Date and Term of Lease			Purpose
SASKATCHEWAN—						
Abbey	Army	300 00	1 Jan	51	1 year	Armoury Accn (RF)
Assiniboia	Army	900 00	1 Nov	51	1 year	Armoury Accn (RF)
	Army	120 00	1 Dec	51	1 year	Garage Accn (RF)
Climax	Army	336 00	1 Jul	51	1 year	Armoury Accn (RF)
Fond du Lac	Army	1 00	1 Nov	32	Yearly	Radio & Seaplane base
Frontier	Army	220 08	1 Apr	51	1 year	Armoury Accn (RF)
Goldfield	Army	1 00	1 May	38	20 years	Radio Telegraph Station
	Army	1 00	1 May	38	21 years	Radio Telegraph Station
Gravelbourg	Army	360 00	1 Jun	45	Monthly	Armoury Accn (RF)
Gretnell	Army	260 00	16 Mar	51	1 year	Armoury Accn (RF)
	Army	540 00	1 Jan	51	Monthly	Armoury Accn (RF)
Herbert	Army	284 00	1 Apr	45	Monthly	Armoury Accn (RF)
Humboldt	Army	900 00	1 Sep	47	Yearly	Armoury Accn (RF)
Indian Head	Army	144 00	1 Feb	49	Monthly	Vehicle storage (RF)
Kamsack	Army	365 00	1 Apr	51	Yearly	Armoury Accn (RF)
	Army	120 00	1 Oct	50	Yearly	Vehicle Storage (RF)
Langham	Army	200 00	26 Oct	50	Yearly	Vehicle Storage (RF)
	Army	960 00	1 Oct	48	Yearly	Armoury Accn (RF)
Limerick	Army	420 00	1 Nov	48	Yearly	Armoury Accn (RF)
Melville	Army	900 00	1 Jun	49	Yearly	Armoury Accn (RF)
Melfort	Army	102 50	1 Apr	49	Yearly	Vehicle Storage (RF)
Moose Jaw	Army	900 00	Jun	51	Monthly	Personnel Depot & Recruiting Station
	Army	5,000 00	1 Nov	46	Yearly	Tank repair depot
Nipawin	Army	840 00	4 Feb	51	1 year	Armoury Accn (RF)
Outlook	Army	600 00	1 Nov	49	Yearly	Armoury Accn (RF)
Prince Albert	Army	1 00	1 Dec	48	Yearly	Parking Lot
	Army	1,620 00	1 Jun	51	1 year	Personnel Depot
Regina	Army	746 64	1 Jan	51	1 year	Armoury Accn (RF)
	Army	1,814 40	1 Jul	50	Yearly	Armoury Accn (RF)
	Army	50 00	27 Aug	42	Yearly	Site of EMQ's
	Army	1 00	1 Jan	51	1 year	Parade ground
	Navy	1,634 33	6 Feb	42	Yearly	Buildings for Naval Division
Saskatoon	Army	6,000 00	1 Mar	51	1 year	Armoury Accn (RF)
	Army	2,600 00	1 Apr	50	Yearly	COTC Accn—joint services
Shaunavon	Army	600 00	1 Jun	51	3 years	Armoury Accn (RF)
Saskatoon	Army	2,400 00	1 Jan	51	1 year	Armoury & Vehicle storage
Swift Current	Army	1,200 00	1 May	51	Yearly	Armoury Accn (RF)
	Army	1,800 00	1 Jun	48	Yearly	Armoury Accn (RF)
	Army	600 00	1 Nov	47	Monthly	Armoury Accn (RF)
Tompkins	Army	200 00	1 Dec	51	1 year	Vehicle Storage & training
Weyburn	Army	1,750 00	10 Oct	38 to 10 Oct 53		Armoury Accn (RF)
	Army	100 00	1 Dec	48	Monthly	Vehicle storage (RF)
Wakaw	Army	420 00	1 Nov	51	1 year	Armoury Accn (RF)
ALBERTA—						
Bassano	Army	1 00	26 April	49	Yearly	Site for Armoury Accommodation
Big Valley	Army	60 00	1 Oct	41	Yearly	Armoury Accn. (RF)
Blackie	Army	1 00	1 Jun	51	1 year	Armoury Site
Brooks	Army	720 00	1 Jan	50	1 year	Armoury Accn (RF)
Calgary	Army	14 00	1 Aug	37	Yearly	Railway Siding
	Army	3,000 00	24 Aug	42	Monthly	Garage Accn
	Army	180 00	1 Sep	42	Monthly	Parking Space
	Army	300 00	1 Jan	47	Monthly	Recreation Accn (RF)
	Army	2,400 00	1 Nov	48	Yearly	Workshop Accn (RF)
	RCAF	1,000 00	1 Feb	45	Yearly	S.D. Accommodation
Condor	Army	120 00	1 Aug	51	1 year	Armoury Accn (RF)
Didbury	Army	300 00	8 Jun	48	Monthly	Armoury Accn (RF)
Drumheller	Army	1,500 00	1 Nov	50	3 years	Armoury Accn (RF)
Edmonton	Army	648 00	1 Oct	46	Yearly	Site for Supply depot
	Army	100 00	1 Jan	48	10 years	Site for Warehouse
	Army	540 00	1 May	51	1 year	Site for EMQ's and Workshop
	Army	1 00	1 Mar	51	1 year	Site for Army Hutments
	Army	1,200 00	1 April	50	Yearly	COTC Accn
	Army	400 00	18 May	42	10 years	Rifle Range Site
	RCAF	1,500 00	9 Feb	48	Yearly	Married Quarters
	RCAF	60 00	1 Mar	51	1 year	Transformer Station
	RCAF	1,848 00	1 April	49	Yearly	Married Quarters
	RCAF	1 00	29 Dec	47	10 years	Building Area

DEFENCE EXPENDITURE

175

PART II—LEASES OF LANDS AND BUILDINGS BY DND IN FORCE AT DECEMBER 1, 1951
—Continued

Location	Force	Rented (per annum unless otherwise stated)	Date and Term of Lease			Purpose
ALBERTA—Con.						
Grand Prairie.....	Army	1 00	21 Feb	51	1 year	Site of Armoury Building
High River.....	Army	2,400 00	1 Jul	49	5 years	Armoury Accn (RF)
	Army	600 00	1 Jul	51	1 year	RF Garage Accn
Lake Chestermere.....	Navy	90 00	22 Aug	51	50 years	Site for Naval Division
Lethbridge.....	Army	600 00	1 Apr	51	3 years	Armoury Accn (RF)
Lacombe.....	Army	1,080 00	1 Nov	51	1 year	Armoury Accn (RF)
	Army	15 00	30 Apr	51	1 year	(RF) Garage Accn
Medicine Hat.....	Army	300 00	24 Sep	47	10 years	Officers' Mess Building
Nanton.....	Army	1,020 00	1 Apr	51	1 year	Armoury Accn (RF)
Okotoks.....	Army	510 00	1 May	43	Monthly	Armoury Accn (RF)
Olds.....	Army	120 00	1 Apr	51	1 year	Orderly Room (RF)
	Army	1 00	9 Nov	47	Yearly	Armoury Accn (RF)
Pincher Creek.....	Army	1 00	1 Mar	51	1 year	Site of Armour Accn (RF)
Redcliffe.....	Army	60 00	1 Nov to 30 Apr 52			Garage Accn (RF)
Rocky Mt. House.....	Army	720 00	1 Jan	51	1 year	Armoury Accn (RF)
Sarcee.....	Army	2,000 00	1 Apr	51	1 year	Camps Site Trns. area RR
	Army	3,000 00	1 Oct	51	1 year	Trg area
Turner Valley.....	Army	1,440 00	1 Feb	51	2 years	Armoury Accn (RF)
Vermilion.....	Army	1 00	1 Jul	51	5 years	Armoury Site
Vulcan.....	Army	150 00	6 Jul	41	Monthly	Armoury Accn (RF)
Wainwright.....	Army	20,000 00	1 Apr	49	Yearly	Trg area and Camp Site
	Army	503 98	13 Nov	42	Yearly	Spur track to Camp Site
Wetaskiwin.....	Army	50 00	1 Apr	50	Yearly	Loading Corral
Wetaskiwin.....	Army	1 00	1 Apr	51	1 year	Armoury Accn (RF)
Lamont.....	Army	180 00	1 July	45	Monthly	Armoury Accn (RF)
BRITISH COLUMBIA—						
Chilliwack.....	Army	6 00	15 May	51	1 year	Watermanship Training Area
	Army	5 00	5 Oct	42	Yearly	Rifle Range Area
	Army	248 00	1 Nov	51	1 year	Rifle Range Area
	Army	240 00	1 Nov	51	1 year	Rifle Range Area
	Army	208 00	10 Feb	51	1 year	Rifle Range Area
	Army	20 00	8 Oct	42	Monthly	Bridging Training Area
	Army	1 00	19 Oct	42	Monthly	Bridging Training Area
Comox.....	Navy	21 00	9 Nov	43	Yearly	Vehicle Parking Lot (RF)
Dawson Creek.....	Army	150 00	1 Jan	40	21 years	Navy Firing Range
	RCAF	269 12	8 Sep	47	Yearly	Railway Siding for SD
Duncan.....	Army	3,000 00	1 Feb	51	1 year	Storage
	Army	5 00	1 Jan	48	20 years	Radio Station Sites
	Army	5 00	1 Mar	49	20 years	Radio Station Sites
	Army	1,200 00	1 Sep	49	Yearly	Armoury (RF)
Esquimalt.....	Navy	1 00	14 Oct	43	10 years	Part of Naval Base Site
Kanloops.....	Army	50 00	20 Jul	44	10 years	Water Supply Magazine Area
	Army	360 00	1 Oct	45	Monthly	Vehicle Storage (RF)
Kimberley.....	Army	1,680 00	31 Oct	50	1 year	Armoury (RF)
	Army	540 00	1 Oct	46	Monthly	Vehicle Storage (RF)
New Westminster.....	Army	1 00	11 Mar	43	Yearly	Artillery Ranges
	Army	1 00	21 Apr	43	Yearly	Artillery Ranges
Port Alberni.....	Army	284 29	1 Jan	48	Yearly	Rifle Range Site
Prince George.....	Army	1 00	1 Nov	48	Yearly	Armoury Site
	Army	218 00	1 Apr	48	Yearly	Armoury Site
Prince Rupert.....	Army	41 96	9 Jan	39	Yearly	Railroad Siding
	Army	25 00	1 Nov	44	Yearly	Anti-Aircraft Battery Site
	Army	200 00	16 Mar	47	Monthly	Rifle Range Site
	Army	110 00	1 Apr	51	1 year	Garage Site (RF)
	Army	1 00	1 Apr	51	1 year	Rifle Range Site
	Navy	25 00	1 Oct	49	Yearly	Site for Seaward Defence
Salmon Arm.....	Navy	1 00	22 Dec	42	21 years	Bldg & Site for Naval Base
	Army	300 00	19 Dec	50	1 year	Armoury (RF)
Sea Island.....	Army	180 00	1 Aug	51	1 year	Vehicle Storage (RF)
Trail.....	RCAF	1,108 80	1 Jul	49	Yearly	Explosives Storages
	Army	1,200 00	1 Jan	49	Yearly	Armoury (RF)
Tasawwassen.....	RCAF	50 00	1 Jan	44	As long as required	Bombing Range

PART II—LEASES OF LANDS AND BUILDINGS BY DND IN FORCE AT DECEMBER 1, 1951
—Continued

Location	Force	Rented (per annum unless otherwise stated)	Date and Term of Lease		Purpose
BRITISH COLUMBIA—					
Con.					
Vancouver.....	Army	160 00	1 Dec 49	25 years	Heating Tunnel under 4th Avenue
	Army	300 00	1 Mar 49	Monthly	Hutment Site (RF)
	Army	13,942 00	1933	20 years	Site of Armoury
	Army	2,000 00	1 Apr 48	Yearly	COTC Accn
	Navy	75 00	15 Jun 51	Monthly	Naval Recruiting Sta
		a month			
Vernon.....	Army	182 00	1 Jan 43	Yearly	Armoury & Stores Site
		1,450 00	15 Aug 51	1 year	Training Area
Victoria.....	Army	25 00	1 Sep 39	30 years	Access Road to FOB Site
	Army	180 00	1 Aug 50	5 years	Battery Site
	Army	55 56	1 Jul 41	Monthly	Searchlight Battery Site
NORTHWEST TERRITORIES—					
Fort Resolution...	Army	1 00	Year to Year		RCCS Radio Station
Fort Simpson.....	Army	50 00	1 Jun 46	10 years	RCCS Radio Station
Norman Wells.....	Army	6,350 00	23 Apr 49	3 years	Air Supply
Yellowknife.....	Army	8,100 00	11 Aug 48	Yearly	Armoury (RF)
ENGLAND—					
London.....					
	Army	16,800 00	25 Mar 51	1 year	Joint Services Accommodation
	Army	1,050 00	1 Apr 51	1 year	Joint Services Garage
UNITED STATES—					
Washington.....					
	Army	5,347 80	1 Jun 51		Joint Staffs Garage
	Army	14,400 00	1 Sep - 31 Oct 53		Office of Joint Staffs

DEFENCE EXPENDITURE

177

PART III—LAND AND BUILDINGS LEASED SINCE APRIL 1, 1950, BUT SINCE TERMINATED

(Part III substituted as per letter of clerk on December 14)

Location	Service	Total Rental Paid	Date of Lease	Date of Termination	Purpose
		\$ cts.			
Georgetown, P.E.I.....	Army	100 00	7 May 50	6 Oct 51	Armoury Accn (RF)
Sherbrooke, Que.....	RCAF	8,125 00	3 Aug 50	31 Aug 51	AC and WV, HQ
Grimsbay, Ont.....	Army	900 00	1 Jun 50	31 May 51	Armoury Accn (RF)
Toronto, Ont.....	Army	1,391 00	1 Jan 50	13 Mar 51	RTO
Winnipeg, Man.....	Army	300 00	1 Jun 50	31 May 51	Coal Storage Site
Midland, Ont.....	Army	2,850 00	15 Apr 50	15 Oct 51	Armoury Accn (RF)
Corner Brook, Nfld.....	Army	480 00	28 Apr 50	28 Oct 50	Armoury Accn (RF)
Owen Sound, Ont.....	Army	666 66	1 Oct 50	31 Dec 50	Armoury Accn (RF)
Calgary, Alta.....	Army	3,665 04	1 Nov 50	1 Mar 51	Can Army (Special F.)
Ottawa Coliseum, Lansdowne Park	Army	1,000 00	2 May 51	30 May 51	Sleeping Accn
Victoria, B.C.....	Navy	700 00	9 May 51	9 Oct 51	Storage Accom
Victoria, B.C.....	Navy	1,550 00	15 May 50	31 Aug 51	Training Field
Aklavik, N.W.T.....	Navy	120 00	1 Jul 51	1 Oct 51	Storage Accom

APPENDIX N

ORDERS PLACED BY CANADIAN COMMERCIAL CORPORATION
AND
THE DEPARTMENT OF DEFENCE PRODUCTION
ON BEHALF OF THE
DEPARTMENT OF NATIONAL DEFENCE
FOR
SELECTED ITEMS OF OPERATIONAL EQUIPMENT
APRIL, 1950—NOVEMBER, 1951

This list covers all major orders placed on behalf of the Department of National Defence for operational equipment with the exception of specialized electronic items. Figures given for aircraft, however, include the value of electronic gear to be embodied in the actual airframes. The estimated value of the orders and the expenditures there against relate to production contracts only and do not include those for capital assistance or development. The period covered is from April, 1950 to November, 1951.

SUMMARY

Category	Estimated Value	Expenditures
	\$	\$
1. Small arms and machine guns -60 calibre (15.2 mm) and under	19,282,262	308,300
2. Artillery and naval guns over calibre -60 (over 15.2 mm), mortars and missile launchers	45,729,565	21,458,232
3. Tanks, self-propelled weapons and other military vehicles	93,265,436	7,283,654
4. Ammunition	103,039,505	6,875,508
5. Rockets	14,379,311	1,882,329
6. Miscellaneous ammunition and related products	5,498,635	622,148
7. Miscellaneous ordnance and ordnance material	396,381	266,677
8. Aircraft	788,585,635	157,004,557
9. Ships	167,653,448	23,858,316
Expenditure for bulk orders placed with the United States government for divisional equipment		46,495,890
TOTALS	1,237,830,178	266,055,611

DEFENCE EXPENDITURE

179

1.—SMALL ARMS AND MACHINE GUNS .60 CALIBRE (15.2 MM) AND UNDER

Major orders placed for the armed services in the period April, 1950 to November, 1951, amounted to \$19,282,262. This figure includes orders for United States-type small arms valued at \$1,163,621 on which procurement has been suspended pending clarification of the issue of standardization. The expenditure on these items covers deliveries before the orders were suspended. The main orders are shown below.

Canadian Arsenals Limited	12,291 Browning .5 machine guns.	14,601,228	26,620
U.S. Government	208 aircraft machine guns and spares	493,740	18,000
Canadian Arsenals Limited	1,176 .22 calibre rifles	77,584	45,404
U.S. Government	2,025 .45 calibre sub-machine guns	93,357*	
	(partly suspended)		
U.S. Government	734 .50 calibre machine guns	513,514*	
	(partly suspended)		
U.S. Government	20,951 .30 calibre rifles	2,329,287*	
	(partly suspended)		
U.S. Government	1,234 .30 calibre machine guns	308,900*	
	(partly suspended)		
Harrington and Richardson Arms Co. Limited	4,440 survival weapons (-22)	240,781	nil
Canadian Arsenals Limited	Parts, accessories and repairs for -303 rifles	623,871	218,276
		19,282,262	308,300

2. ARTILLERY AND NAVAL GUNS OVER CALIBRE .60 (OVER 15.2 MM).
MORTARS AND MISSILE LAUNCHERS

The value of major orders placed for guns over .60 calibre, including mortars and launchers in the period April, 1950 to November, 1951 amounted to \$45,729,565. Procurement action on grenade launchers valued at \$30,343, has been suspended although this amount is included in the total. The main orders are shown below.

Supplier	Item	Estimated Value	Expenditure
		\$	\$
Dominion Bridge Company	73 mountings for anti-submarine mortars	500,000	nil
Dominion Bridge Company	33 naval mortars	400,000	nil
U.K. Government	Anti-submarine mortars	458,940	nil
Sorel Industries Ltd.	11 mounts for anti-submarine mortars	400,000	nil
U.S. Government	10 3"/50 calibre naval guns	3,751,068	3,748,068
Sorel Industries Ltd.	44 3"/50 calibre naval guns	13,000,000	2,730,514
U.S. Government	267 60mm mortars and mounts and 98 81mm mortars and mounts	411,319*	
U.S. Government	59 4-2" mortars	141,070*	
U.S. Government	4,063 grenade launchers	30,343*	
	(suspended)		
U.S. Government	1,345 3-5" rocket launchers	114,095*	
U.S. Government	81 57mm rifles	100,440*	
Firestone Tire & Rubber Company	3,750 3-5" rocket launchers	255,274	nil
Magnovox Co.	Parts for 3-5" rocket launchers	48,019	3,299
U.S. Government	65 75mm rifles	110,500*	
U.S. Government	64 gun carriages	2,052,490*	
U.S. Government	30 40mm guns	846,197	846,197
Sorel Industries Ltd.	138 105mm howitzers	1,500,000	nil
U.S. Government	88 105mm howitzers	1,457,646*	
U.S. Government	47 155mm howitzers	1,412,010*	
Sorel Industries Ltd.	29 155mm howitzers	650,000	nil
Sorel Industries Ltd.	180 155mm howitzers*	3,960,000	nil
Orders classified for security reasons		14,130,154	14,130,154
		45,729,565	21,458,232

* See footnote on final page.

** For transfer to other NATO countries.

SPECIAL COMMITTEE

3. TANKS, SELF PROPELLED WEAPONS AND OTHER MILITARY VEHICLES

Major orders for military vehicles of all types amounted to \$93,265,436 in the period April, 1950 to November, 1951. The main orders placed in this period are shown below.

Supplier	Item	Estimated Value	Expenditure
		\$	\$
U.S. Government.....	1,136 military vehicles.....	7,272,727	7,272,727
U.S. Government ¹	220 medium tanks.....	51,134,957*	
U.S. Government.....	34 Bulldozer tank mountings plus spares.....	268,753*	
U.S. Government.....	11 tank recovery vehicles.....	1,527,900*	
U.S. Government.....	9 light tanks.....	1,070,640*	
U.S. Government.....	Motor carriages T141 plus spares..	6,048,000*	
U.S. Government.....	9 tanks T41E1 plus spares.....	1,803,069*	
Ford Company of Canada.....	1,911 $\frac{1}{2}$ ton 4 x 4 trucks.....	4,933,000	nil
Chrysler Corporation of Canada....	933 $\frac{1}{2}$ ton 4 x 4 trucks.....	5,669,940	10,927
General Motors of Canada.....	1,978 $\frac{3}{4}$ ton 6 x 6 trucks.....	13,536,450	nil
		93,265,436	7,283,654

¹ Procurement action on these tanks has been suspended. In the meantime a contract demand has been received for 40 Centurion tanks worth \$5,236,000 to be purchased from the United Kingdom and it is understood that additional contracts demands for Centurion tanks will probably be submitted in the near future.

* See footnote on final page.

DEFENCE EXPENDITURE

181

4.—AMMUNITION

Major orders placed for ammunition amounted to \$103,039,505 in the period April, 1950 to November, 1951. Procurement action has been held up on small arms ammunition valued at \$1,997,775 pending clarification of the issue of standardization. To avoid duplication, pool orders issued in the Department of Defence Production for components are not included in this tabulation. The main orders for ammunition are shown below.

Supplier	Item	Estimated Value	Expenditure
		\$	\$
Canadian Arsenals Limited	286,100 20 mm cartridges	308,680	74,980
Canadian Industries Ltd.	28,680,000 .22 cartridges	212,338	201,731
U.S. Government	9,991,200 .30 cartridges	935,162*	
		(partly suspended)	
U.S. Government	8,823,950 .50 cartridges	2,737,900*	
		(partly suspended)	
Canadian Arsenals Limited	14,000,000 .50 cartridges	5,700,000	8,106
Canadian Arsenals Limited	808,240 40 mm cartridges	8,590,795	1,079,462
Canadian Arsenals Limited	21,000 empty 40 mm cartridges	27,720	27,720
U.K. Government	68,776 40 mm cartridges	317,619	293,257
U.S. Government	19,300 37 mm shells	100,340	100,340
U.S. Government	18,144 57 mm cartridges	329,842*	
Canadian Arsenals Limited	24,000 75 mm shells	11,580	11,580
U.S. Government	31,300 75 mm shells	804,122*	
U.S. Government	15,924 75 mm cartridges	459,935*	
U.S. Government	9,000 76 mm shells	196,142	196,142
Canadian Arsenals Limited	30,000 76 mm shells	14,490	4,790
Canadian Arsenals Limited	Modification of 75 mm and 76 mm projectiles	133,910	107,630
U.K. Government	10,896 4" cartridges and fuzes	647,134	nil
U.K. Government	8,560 4" cartridges	244,314	151,965
U.K. Government	11,500 4.5" cartridges	622,328	nil
Canadian Arsenals Ltd.	20,000 5.5" cartridges	138,888	138,888
Canadian Arsenals Ltd.	2,500 5.5" shells	57,886	nil
E. Leonard & Sons Ltd.	1,500 6" practice shot	69,844	nil
U.K. Government	5,856 3 pdr. cartridges	49,922	nil
Canadian Arsenals Ltd.	12,000 17 pdr. cartridges	1,303,186	593,134
Canadian Arsenals Ltd.	27,312 25 pdr. cartridges	166,169	62,687
U.S. Government	91,368 60 mm mortar shells	819,332*	
U.S. Government	93,925 81 mm mortar shells	1,728,761*	
U.S. Government	24,624 4.2" mortar shells	727,688*	
Canadian Arsenals Ltd.	238,315 105 mm shells	18,745,656	1,822
U.S. Government	166,364 105 mm shells	5,025,345*	
U.S. Government	43,851 155 mm shells	2,437,853	
Canadian Arsenals Ltd.	104,700 155 mm shells	12,542,347	nil
Canadian Arsenals Ltd.	86,400 cartridges, 20,530 fuzes for 3"/50 shells	8,487,650	19,282
Canadian Arsenals Ltd.	13,437 3"/50 cartridges	632,789	152,986
U.S. Government	20,450 3"/50 cartridges	1,383,440	1,383,440
U.S. Government	14,000 3"/50 cartridge tanks	50,225	50,225
Orders classified for security reasons		26,277,973	2,215,334
		103,039,505	6,875,508

* See footnote on final page.

SPECIAL COMMITTEE

5.—ROCKETS

Major orders for rockets and components in the period April, 1950–November, 1951 amounted to \$14,379,311. The main orders included in this category are shown below.

Supplier	Item	Estimated Value	Expenditure
		\$	\$
Aerojet Engineering Corp.	5,000 aircraft rockets	195,585	195,585
Canadian Arsenals Limited	70,000 aircraft rockets 2-25"	3,208,700	nil
U.S. Government	25,000 rockets 2-36"	240,209	240,209
Canadian Arsenals Limited	200,750 rockets, H.E. 3-5"	8,079,591	nil
U.S. Government	90,302 rockets H.E. and smoke 3-5"	1,130,690*	
U.S. Government	400 rockets, 5"	43,672	43,672
U.S. Government	Miscellaneous fuzes, rockets and components	1,402,864	1,402,864
Orders classified for security reasons		78,000	nil
		14,379,311	1,882,330

6. MISCELLANEOUS AMMUNITION AND RELATED PRODUCTS

Major orders placed for items in this category in the period April, 1950 to November, 1951 amounted to \$5,498,635. The main orders included in this category are shown below.

Supplier	Item	Estimated Value	Expenditure
		\$	\$
Canadian Arsenals Limited	12,500 depth charges Mk 7*	1,701,21	nil
U.K. Government	3,600 "T" cutters (demolition equipment)	123,200	31,289
U.K. Government	120,000 detonators, percussion and other minesweeping equipment	116,697	nil
U.K. Government	2,776 shells, H.E., 971 bombs, H.E., 10,410 rocket motors and other aircraft ammunition stores	455,987	nil
U.K. Government	1,818 anti-submarine projectiles and other ammunition stores	409,024	75,426
U.K. Government	Miscellaneous ammunition and related products	73,143	52,369
U.K. Government	510 mines, components and accessories	267,896	nil
Canadian Arsenals Limited	3,000 depth charges	433,410	164,460
Canadian Arsenals Limited	20,660 anti-submarine projectiles	1,203,552	nil
U.S. Government	200 depth charges	34,918	31,600
U.S. Government	3,000 smoke shells	39,079	39,079
U.S. Government	25,000 drift signals	115,500	115,500
U.S. Government	6,000 hand grenades	45,156	45,156
T. W. Hand Fireworks Co. Ltd.	27,864 grenades	138,428	50,068
U.K. Government	5,100 pyrotechnic items	35,843	nil
U.K. Government	destruction and demolition equipment	40,000	nil
T. W. Hand Fireworks Co. Ltd.	70,006 signal cartridges	74,950	nil
T. W. Hand Fireworks Co. Ltd.	54,240 signal cartridges and other pyrotechnic equipment	160,552	nil
T. W. Hand Fireworks Co. Ltd.	40,000 pyrotechnic cartridges	28,080	17,201
		5,498,635	622,148

* See footnote on final page.

DEFENCE EXPENDITURE

183

7. MISCELLANEOUS ORDNANCE AND ORDNANCE MATERIAL

Major orders placed for miscellaneous ordnance material in the period April, 1950 to November, 1951 was \$396,381. The main orders included in this category are shown below.

Supplier	Item	Estimated Value	Expenditure
		\$	\$
U.S. Government.....	57 portable flame-throwers and accessories.....	68,176	68,176
U.S. Government.....	50 linking machines.....	53,932	53,932
U.S. Government.....	12,332 bayonets with scabbard, 9,480 knives.....	129,704*	
U.S. Government.....	670 depth bombs Mk 54.....	144,569	144,569
		396,381	266,677

8.—AIRCRAFT

The main orders for the aircraft program, including repair, overhaul and modification in the period April, 1950 to November, 1951 amounted to \$788,585,635. Some of the main orders are shown below.

Supplier	Item	Estimated Value	Expenditure
		\$	\$
U.K. Government.....	20 Dakota aircraft.....	840,000	nil
Babb Company.....	7 Dakota aircraft.....	664,125	131,250
Leeward Aeronautical Corp.....	2 Dakota aircraft.....	180,000	357,000
U.S. Government.....	48 Fairchild C-119e aircraft and 72 Pratt and Whitney 3350-30W engines.....	38,633,280	1,234,322
DeHavilland Aircraft Co. Ltd.....	2 Comet jet transports.....	3,500,000	841,687
Bristol Aeroplane Company of Canada.....	3 Bristol type 107 Mk 31 aircraft.....	714,750	488,412
Canadian Pratt and Whitney Aircraft Co.....	1 Sikorski S-55 helicopter.....	218,320	54,580
Bell Aircraft Corp.....	3 Bell helicopters.....	110,989	89,619
U.S. Government.....	6 Piasacki helicopters.....	2,436,000	nil
Canadian Car & Foundry Ltd.....	200 Harvard IV trainer aircraft.....	13,050,000	4,493,956
Canadian Car & Foundry Ltd.....	300 Harvard T6J trainer aircraft.....	22,800,000	nil
Canadian Pratt & Whitney Aircraft Co.....	1,000 R1340 aircraft engines.....	15,000,000	nil
Aircraft Industries of Canada Ltd.....	10 Harvard trainer airframes.....	220,000	208,080
U.S. Government.....	20 T-33A aircraft and 100 spare engines.....	4,874,976	4,874,976
Canadair Limited.....	576 T-33A aircraft.....	69,000,000	nil
Rolls Royce Limited.....	900 Nene engines.....	33,355,350	nil
U.S. Government.....	88 B-25 Mitchell dual pilot trainers and 12 B-25J Mitchell A1 trainers.....	14,049,300	12,984,246
Beech Aircraft Corp.....	100 Expeditor 3N aircraft.....	9,291,968	7,353,099
Beech Aircraft Corp.....	53 Expeditor 3NM and 47 Expeditor 3TM aircraft.....	7,985,940	2,992,912
Beech Aircraft Corp.....	80 Expeditor 3NM aircraft.....	5,763,511	372,920
DeHavilland of Canada.....	37 Chipmunk trainers.....	524,956	324,956
Orders classified for security reasons.....		545,372,261	119,802,542
		788,585,635	157,004,557

* See footnote on final page.

SPECIAL COMMITTEE

9.—SHIPS

Major orders placed in the shipbuilding program in the period April, 1950 to November, 1951 amounted to about \$167,653,448. The list does not include the "pool orders" contracts as such placed by the Department, but the estimated value does include the value of such items as propulsion machinery ordered for all the escort vessels through one supplier. The main orders are listed as follows.

Supplier	Item	Estimated Value	Expenditure
		\$	\$
Burrard Drydock Co. Ltd.	3 anti-sub escort vessels	24,000,000	1,357,888
Canadian Vickers Ltd.	3 anti-sub escort vessels	24,000,000	2,159,250
Davie Shipbuilding & Repair Company Limited	1 anti-sub escort vessel	8,000,000	nil
Halifax Shipyards Ltd.	3 anti-sub escort vessels	24,000,000	1,172,824
Marine Industries Ltd.	2 anti-sub escort vessels	16,000,000	115,515
Victoria Machinery Depot	1 anti-sub escort vessel	8,000,000	49,429
Yarrows Limited	1 anti-sub escort vessel	8,000,000	nil
Canadian Shipbuilding & Engineering	1 Minesweeper	925,000	349,357
Canadian Vickers Ltd.	1 Minesweeper	925,000	925,000
Geo. T. Davie & Sons Ltd.	1 minesweeper	925,000	494,735
Davie Shipbuilding & Repair Company Ltd.	3 minesweepers	2,775,000	2,065,441
Davie Shipbuilding & Repair Company Ltd.	Detail and working drawings for one minesweeper	250,000	250,000
Marine Industries Ltd.	1 minesweeper	925,000	562,967
Port Arthur Shipbuilding Co.	2 minesweepers	1,850,000	1,010,600
Victoria Machinery Depot	2 minesweepers	1,850,000	1,175,132
Yarrows Limited	1 minesweeper	925,000	414,639
Marine Industries Ltd.	1 icebreaker	12,750,000	6,237,009
Burrard Drydock Co. Ltd.	1 gate vessel	500,000	466,062
Geo. T. Davie & Sons Ltd.	1 gate vessel	500,000	432,630
Saint John Drydock Co. Ltd.	2 minesweepers	1,850,000	900,435
Pictou Foundry & Machine Co. Ltd.	1 gate vessel	500,000	284,492
Victoria Machinery Depot	1 gate vessel	500,000	420,496
Saint John Drydock Co. Ltd.	1 loop layer and tug	2,400,000	nil
Geo. T. Davie & Sons Ltd.	1 loop layer	700,000	nil
Pacific Drydock Co. Ltd.	1 lighter	500,000	nil
Halifax Shipyards Ltd.	conversion and refitting of 1 minesweeper and 1 patrol ship	537,948	44,418
Marine Industries Ltd.	Purchase of 16 frigates and 18 minesweepers	1,982,500	202,618
Canadian Vickers Ltd.	conversion of 3 frigates and refitting	2,439,000	469,895
Saint John Dry Dock Co. Ltd.	conversion of 3 frigates and refitting	2,439,000	342,191
Canadian Vickers Ltd.	conversion and refitting of 1 minesweeper	475,000	84,665
Davie Shipbuilding Co.	Repair & refitting of 1 minesweeper	475,000	nil
Geo. T. Davie & Sons Ltd.	conversion and refitting of 2 minesweepers	950,000	292,164
Geo. T. Davie & Sons Ltd.	conversion and refitting of 2 frigates	1,626,000	40,725
Davie Shipbuilding & Repair Co. Ltd.	conversion and refitting of 2 frigates	1,626,000	188,378
Halifax Shipyards Ltd.	conversion and refitting of 3 frigates	2,439,000	250,136
Marine Industries Ltd.	conversion and refitting of 3 frigates and 3 minesweepers	3,864,000	442,291
Montreal Drydocks Ltd.	conversion and refitting of 2 minesweepers	950,000	164,610
Pictou Foundry & Machine Co. Ltd.	conversion and refitting of 2 minesweepers	950,000	83,829
Saint John Drydock Co. Ltd.	conversion and refitting of 2 minesweepers	950,000	111,545
Steel and Engine Products Ltd.	conversion and refitting of 2 minesweepers	950,000	146,018
Lunenburg Foundry Co. Ltd.	Rehabilitation of 2 minesweepers	500,000	88,228
Bruce Stewart Co. Ltd.	Conversion and refitting of 2 minesweepers	950,000	63,284
		167,653,448	23,858,316

* On these items payments totalling \$46,495,890 have been made to the United States Government against bulk orders. These payments cannot be completely allocated to specific items at the present time.

DEFENCE EXPENDITURE

185

APPENDIX O

(By M. ADAMSON)

1. What expenditure has been made either directly by the Department of Defence Production or by contractors supplying defence material either in the raw state, as component parts or as finished articles, for Customs Duties paid bringing the material into Canada?
2. What has been paid for the same material in the form of Excise or Sales Taxes?

(Letter of December 13, 1951)