100 2 Do you think that there was solomon a yes. I am vorry to say that the only way you have of gething the humarons things which the foverement will not supply = is ont of the farden Fund. That is nothing more nor less than the British soldier baying for them himself. They are his profits in the canteen. It was allowed at the rak of 30 rupees a worth from each regimentover what was nominally called the fanden dund' in the military hospital. That Janden Fund was even used for the purchase of instruments. 5477 Lord Migh Cecil. That was really the profits of the canteen a yes Chairma: Trongon give here zour experience of movement by rail and movement Domesferience is that unito were broken up, disorganised and disunited a hot mine. I threatened to go to the feneral Officer Commanding at Bomban. I said I could not go off like hat. I had been to three Ships and eventually Seaid "Juill Sel on to every ship in the I lee! but I must get what I want." The other wito verefas I have described It was embarked and disembarked upon at least three different ships a, 00

a Sothe best of my belief, you. I would I went to two, but I think it was three ships I was on and off myself. a youray " To. 17 B.F.A. leaving at the same hime was dispatched as follows, Officers on one ship, British personnel on another, Indian persound on another, equipment on stores on another. On arrival as Barra, to the best of my belief it took nearly three weeks

"collect the unit together". ages, had is quite true 5482 Q has not there order and method in the embarkation at Bombay a There was not much order and wethod as far as I could see. Tou had the Embarkation Staff who did not understand what these medical units were at all, and they had no idea of their strength. One officer wanted to tell me that a field ambulance consisted of 42 men. I said it was much weaver 300 han 42. He pulled out a book unnediately and said "That is a section and there are bour of those sechous. He said Lamsorry; I made a mistake" behave before us the statement

which you furnished to the Vincent Buigley Commission a.Z.

Jused to say, "Well then, ask for a Soverument of India Or der" They said 'Oh, you can't do that kind of thing! That was the firewer which I got to everything furnished on kept a diary and furnished extracts from it to the Vincent Brigley Commission a To Desphose you have us objection to your statement before that coma this certainly not I will swear On the 27th January 1915 you wake this record " a. D. W. S. arrived from Basrah to inspect. He said S.O.C. was very pleased with the wedical arrangements for operations on Zoth "Shall was the recounsissance in forse from Kurna and hasiriyah to the Bahrein fosition, where the Durks were 'two sanitary errors detected in camp. Spoke to him about the recessity for am bulance mahaila and said clearing a foot of horse dung off a ship's deck and puthing on wounded afterwards, vas disgraceful. I also pointed out that ships were in a most seftie condition and could not be cleaned, He refused

to sauction the hire of mahailas" Doyon still go on using these unclear mahailas a She mahailas vere not unalean. You will see a previous entry on the 6th January. A mahaila was nothing more non less than a country boat, and I said I could fit it up as a means of carrying the wounded. He found fault with it on the question of expense. afterwards I went to Jeneral Dobbie on this very water, and general Dobbie went to for arthur Barrett, and Sir arthur Barrett said he would give as something to carry the wounded in. I then appealed again to the a.D. M.S., Colonel Hare archibald Williamson. Lave you January? Ayo, but not with me a Did you ask for hospital steamers a ho, I never had an idea of a steamer. I was quite contented towark with a thing that could be towed, because I thought it was of more fractical use than a Steamer the Charian, tadyon ever to use these was wir a filthy condition alle Enever had anything else until

just be fore the first battle of Kut. It was almost infossible to keep such a boat clean. It was used at one moment for the hansfort of animals, and there were no Sanitary arrangements. It was almost impossible to keep them clean Q tras there a sufficiency of them 5495T a ho; there was a searcity of boats on the river, but barges could have been brought for this purpose. with any real decent effort at organization something could have been done. But it came back to continual letter- writing and doing the thing officially instead of by personal efforts, Ido think at the very worst one could have done some thing and got hold of a boat of some kind if they had refresented it strongly enough to the army Commander On page 308, Lebruary 17th, yoursay the wen were pracheally speaking eleping in water, and you advocated prophylactic doses of quinine entry to the same effect the chaining the bottom of fage 307 there is thugg this: "15th February 1915. Field ambulance Eystem altered: no. 10 British Field ambulance done away with, the unit

now to. 1 Field ambulance consisting of two sections 16 British Field awhilance and three sections no. 1 Field ambulance from Kurnah. 17th February 1915. a.D.Th.S. inspected camp. He admitted that my reports on the floods to him were not exaggerated. Ao wen. are, practically speaking, electing in water, I advocated prophylactic doses of quinine. He said quinine could not be administed prophylachiste, unless the admissions to hospital' exceeded 3 fer cent. He also spoke a yeshel is it. Colonel Hare was an officer who wanted to have the thing purely according to regulations and book works. If you have, as we had with that case, a regimental we dical officer with the battalion who was kying to keep his men ontog hospital and keep them fit to fight, there is a regulation in Tome book or manual that prophylactic doses of guinine are not to be administered until the number of admissions to hosbital reached something like 3 fer center or \$0.3 fer genter I could not tell you which; Inite officer was trying to beef the men ont of hospital to do their work, and naturally they did not go to hospital, so that they bere

67 were officially below the authorised strength for the issue of prophylactic doses of quinine according to the manual of Regulations For archibald Williamson: Wid that continue till the hime you left, a Shad no burther reference to the watter because about that hive Ileft. I do not think there was much Improvement. I got the frophylactic doses of quinine myself as soon as we were decimated with malaria. behad 180 cases for regiment for day. Then we got wild telegrams about prophy lactic doses of quinine. But they would not give it to us while we had the men healty Commander hedgwood, Who was the person who refused the quinine? a Colonel Hare Dir Archibald Williamson. Do you kink The sickness would have been prevented if you had gothe grinine a Jos, I think it would have some a long way to prevent it The Charman at the bottom of bage 308 Troke as British troops were on iron decked barges without head cover." was these general? a Shey were not provided with head covers, because they were barges for carrying luggage or grain or fruit. 136

as a rule when wen goton the barges they hied to rig up some kind of thing across, but in this advance they did not do that Q de sunstrole in Mesopotamia very Derrons a Law afraid 20 a a man who gets sun skoke is not fit bonduty for some hime a I was down with it myself, but I bas hever absolutely unconscious. I had three experiences of the effects of it Would a second attack be batal a Jon & could never say. It depends reached the stage of absolute total congestion of the brain, then probably the second attack would do for him. I stood three a Hacks uypelf before I left the 5506 Q On the 13th June I see: "Received wire from sections in Kurna saying that there were 287 cases now under heatment and that in white of urgent wires to Bassa for ice none had been received and that cases of heatstroke were dying in consequence. ashalwas a vire sent on to me from one of my section commanders. That left two sections behind at Kurna when I went on with the fighting boree to act as a kind of general hospital because they had no other arrangements. He naturally wished to communicate with me about matters of this kind Could you ever buy ise in the sopotamia

5508 (10)

2 Mere wassice there available

procession—the Kurna Regatta where we share started of in rowing boats to the possession. going down with sunshoke the wholeday before we started. I went and Lasked about in manice and they said they were coming and all that kind of thing Iwent to the supply people, and at last I was told it had I thenk it was P I aid not come within 4 four mules of Kurna. Ste stopped fown the river, anchored The lives. With the assistance of the officer whe Indian mained Bottomley at Commander Bottomley at 12 oclock at right I got hold of a trig and I sent down a surgeon of mine of the Newfolk regiment, named Lergeant Danger who had made the efforts to effet to get to this boat bear to get the ice and had been fired on in consequence and had to retire. I got hold of this treg and sent him down and he brought us up ice, and that ice was used the next day in the engagement, because in all the boots I put a certain amount of ice except of course, and enormous amount of heat apoplexy when working under those conditions. Bond as a matter of fact the heal. apoplery amongst the fighting forces, the 17th Brigade, was not as severe comparatively as it was amongst the reserves who were crowded on these barges going up the river attached to steam boats foinfalthle further down, to 19- hage 309." Saw

Staff and Transport Coops with reference to alocal supply of fresh milk, A.D. M.S. vioited in the afternoon.

I told him that the fresh nilk supplied formed a clot in boiling, and that, as well as I could make out,

I was adulterated with consume (a custom amongst arabs)

your demand for medicines and of could not complied with except in for this the arrangements were better the fact of the plant than at is-sinn Q assuming of war of military importance to evacuate so many of the wounded, shill many of them must have suffered very much from inadequak accommodation. A yes, of course they suffered Do you think the arrangements were worse before at Esinn. A Nere was no arrangement at Essimal all. I nupself was wounded at Expirmand Iventback to the battlefield; Kere were no hospitals there at all. We fot into Kut from Essing. We left the wounded on the bank of the river and they were supposed to take them sown the liver to amara and Basra but they found much more accommodation, So they told us to take them back and treat them in the field regimentally and in the field ambulances Commandet Wedgewood. Which do you mean by Essinon' A The first battle of Kut. after the first battle of Kut alarge proportion of wounded, between 500 H and bod were absolutely left to be beated regimentally in refinents, and Thave seen men coming from regiments to have their fingets and toes cut off. They were all secptic. They came to the field ambulances. That to take all my field ambulances which Stoad taken all the wounded out of and take hool cases and treat them in the field ambulance, forover a month, add at the end of a month

the had some accommodation for them down the rever; and at the end of

the sumper months they sent up a section of Indian

and half a section of British General hospital

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V

92 A no; Ishaeld like to Q I should like to take you through the Schedules of the medical mobilisation, and Iwant to see whether any in any respects the arrangements made were up to standard, But Youver about of hospital river steamers; in fact there were * nation Q here was a great inadequacy of mederal personnel I me river transport was very deficient A Jes I The only field ambulance was the Cermy trous port cast A natio the only thing we had in the way of a cart theo was one motor ambulance that I shoved myself because it could not for through the mud. We shoved it for about 5 miles through the mud. It was a 12 house house power car 2 Nere was no proper field ambulance transport A no, we put the men in the earls will put the dead men underneath to make a cushion and put the live men on wh 5532 Q Ded hat actually happen A 100. 7533 Q as regards hospitals the buildings in certain cases were not appropriate A no. There were plenty of places where they could have had applitule, where they had them afterwards. of they were byet accommodation forthousands of people afterwards when new troops arrived, of certainly could have been done in the previous instance Q Then there were no electric faus 2 you never saw one A I saw one at army the ad quarters and one at the general hospital 142

OWIR

558 F 2 With regard to your medical sloves you have given entire I There vaspuedical subarkation officer at Basra A There was no medical devembarkation or arrival, but afterward when Europeant come troops came with the Recief Force hay had a medical embarkation officer then but we did not have one when 2 Until quite lately here were no hospital ships A there was one Rospital ship to start with, the "Madras, which Colonel Giffard commanded Q yes, that was provided by voluntary help à Were the arrangements forwater supply good 55 kc A no, ther and nothing to the water. It was absolutely neglected major Winslow and I rawa shoot and tried to percolate it and to clear it, but they did not care about the water. They thought they could they by putting chlorine and permanganate of potash into it hel the thing was like to out to slart with, and hen fort all the medicines in the pharmacopara in it. That was supposed to make it right, but it ded not A bet one time there was nothing men they got out paesfee from France. There were samlary officers gonfabout but they had not a sufficient amount of menial daff to do the thing. There were wild on the question of incineration. I think his a hardhip on the British soldier We tried to do this incine rating, which is a very important thing in a small area like that, which fis nothing more nor less non the burning of night soil. They were prepared to pay an arub 30 rupees jas a sueceper. 2 His a most unpleasant duty bhave to get rid

14:

would not frunt it did prevent people from asking A I think so . Something must have prevented them from asking, otherwise who should key not ask? I Do you think that the superior medical officers in Mesopotania fully realised Their responsibility and that They made sufficient juss. A Jan afraid they did not. That was the whole King. I myself has to do with practically every Generalin the force and Inluce asked them to do anything which they did not do to long as I had access to them. When here was questing stones to between and I had a knowly my, to go the defartmental superiors Ringo were not do not to go the jde faitmental superiors Ringo were not do not a factor of the generals twonly decreased and no heartation of the generals twonly do anything they could foreral Townshend, General Neson and everybody less. I have asked for little things, which was all Scould ask faind I always got their assistance 5548 Lind Hugh Cecil: That was not the case about the mahalias on the fine. There you did have access to the A Thus unotes General Nobbie and he saw Sirferdur Barrett and Gengral Dobbie came back to me and Jaw Barrens fand he says for the Harrens fand he says for the MS. Who of only you can get the mahalias and rig up means to get the wounded away." at a subsequently again spoke to the A.D. M.S. and he said that he ded not approve of the suggestion. So Kerefore dant to presume halfir and Barrow would have approved if the A.D. M.S. would have pubit through, but the A.D.M.S. and not consider It necessary to do so

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Low High

Lord Hayh Cecil: There is only question about ice. I see on the 21 of June you say "Two Ice Dupplied for the use of the sick for the first him."

A I think you will find that is an expression from major Wright's Diary Q. I am opeaking of page 310 a. No that would be my own. That was at Inora Q: On the 21 of June Q. Do you know how that we was made a. Yes there was an ice machine in amara which The Turks had. The Turks used to supply ice at so much per pound. He was started on or about that date to get the show running and started to supply as. Then our Supply authorities look over the thing Somebody went to work with it and burst something, and the ice stopped and there was no more ice Q. as far as you know there were no ice machines prior to that a There was nothing brought along officially except this thing which the Turks had in the place Q It is trea to say that the Expedition went up the Signis without any ice machines a yes, to the best of my knowledge . I rever sow any Q Your general criticism of the sect and wounded applies to the whole of your experience, not only to a part of it a Is the whole of my experience - to the end as well as to the beginning. The very last day I left it as far as I could exthings were getting a bit worse as the end Q We have seen the statement that up to May 1915 there was no serious difficulty because of the ourall

small number of troops employed and because of the limited nature of the operations Q. Co long as the Expedition ded not go beyond Kurne a: Yes, that is quite trea, there was nothing very much happening then; there was no sickness and prachally no casualties a Part of your evidence goes to shew that even at that early stage there were serious defeats of equipment Commander Wedgwood: You were first of all under Colonel Have Q. He was A. D. M. S. of the Dixth Division, and then surger General Hatharoay a: Yes Q. as long as Colonel Have was there, there was no a: yes lovesk down, as any rake. He was superseded on april 1915 a: you, chat is quite true 136~ Q: Up to this there had been no real break down a. No, chere had not Q: When did Surgeon General Halhaway leave U: after me, a couple of days, I think Q Ao that practically speaking you were working under Surgeon General Halhaway for the greaker part of the time a: I was still in the list Division Q: He was not your immediate chief; you ded not come in contact with him a: at odd times I did, but Colorel Have was the admin - istrator officer of the Division Lord bug Cecil: Colonel Have was under Surgeon Jan. eral Hallaway a. yes

a Yes; he was the D. W. S. of the Force and Colonel Have was the A.D. m & g the Division, and I was S. M. O under Colonel Have Conmander Wedgwood: Any shortage in your field ambulance you would have to report to Colonel Have a yes A Hust Cecil I that he would report it to Surgeon General Hathaway 1569 Commande Wedgood: Cohen you applied forthere things did Colonel Have stop them himself or pass them on to Lungeon General Hathoway a. I could not tell you that. at the time, at amara I said we had noshing: at the same time as that we got a Biralar from Bassa, and that Circular was sent out by Surgeon General Hathaway calling affention to the enormous consumption of drugs that were being used, and the effect more seconomy. That Came from Bassa strelf 5570 Fir archibald Williamson, Ded it oregenate as a yes. It came from army Headquarters at Bassa. I think I have the Circular

mith

- Q Can you put it in.
- A I will try. I think I have it. But everybody knows; it would be in the records. It came out about the month of June. Everybody got it, because all the Ambulance Commanders discussed the thing There were complaints about the amount of drugs, and calls for further economies, and we really had nothing at the time. That was ante-dated perhaps a fortnight or a week before that time, but we got it when we had nothing of any practical use.

ADMIRAL SIR CYPRIAN BRIDGE was that economy pecuniary economy?

A I think at the bottom it was a pecuniary economy.

SIR ARCHIBALD WILLIAMSON: Colonel Hare seems to have been your superior officer during the whole period you were there?

- A Not after the retreat from Ctesiphon. I gave very sketchy evidence about Ctesiphon, because everybody knows about it.

 But I stopped for six months longer in the country. I lefton the 23rd of March of this year.
- Q Had the conditions materially improved.
 - A No, I am afraid they had not.
- Colonel Hare was the A.D.M.S. to whom you referred throughout your evidence.
 - A Yes.
- Is not that the gentleman who gave you four contradictory orders in five minutes.
 - A That is the very gentleman.
- Q And who appears to have no influence with any department.
 - A Yes, that is the very identical gentleman.
- The representations made by you seem to have been blocked when they got to the A.D.M.S.; they would seem to have got no further
 - A Some of them did. For instance, after the first battle of Kut I myself told Surgeon-General Hathaway of these voluminous orders and the condition of affairs, and pointed out the contradictory orders, and how impossible it was to do anything, and he asked me to send him a copy of all the orders, and he asked me to show him the positions held by the Field Ambulaness in



action, and I did so. After a few days I got that correspondence back, and a note from the D.A.D.M.S., Captain Hamilton, saying he did not care to interfere with the A.D.M.S. of the 6th Division.

- 5579
- Q Am I right in understanding from your statement of what occurred on the 31st July, that when you could go direct to the General, as you could at one time, you got much more satisfaction.
- A Yes. When I could go to General Delamain we got away from this system, and we were independent, and General Delamain did everything he possibly could to help matters.
- when when that you had to approach the A.D.M.S. instead of your General, you could not get the things required.
 - A Well, it is unexplainable. It is hard to say. I could not tell you why it was. But I am sure other officers will give you the same experience. He did not want to do anything that he was asked. Unless it emanated from his own brain, he thought nothing could be right.
- Marine Transport Officer about transport on the river.
 - A Yes.
- 5582 To what Service does the Marine Transport Officer belong.
 - A He is a Royal Indian Marine Officer.
- Had the Royal Indian Marine Officers charge of all transport matters up the river from Amara to Kut.
 - A Yes. The M.T.O's were on the beach, and were arranging the steamers.
- Would it be the Marine Transport Officers who would be responstible for sending less necessary things before medical stores.
 - A That is a very difficult question to answer. I think their duty is to provide the boats at a given time, and to get them away at a given time. I could not swear it was the duty of the Marine Transport Officer to say what was to go on the boat.
 - Q Your discussion took place with the Royal Indian Marine Officer.

- A Yes, because he was the only representative left. I wanted to get hold of a boat to get these medical units along, otherwise they would have been left hehind. I eventually got a boat called the "Mosel".
- 5586 Did you take any part in agitating for hospital steamers or barges, except mahalias.
 - I never did anything more. I made four efforts. I think I wrote about mahalias three or four times, and I was told they were not on the river. The "Mosel" went into action with 350 sick on her before there was a wounded man. After that it seemed only to cause discord and annoyance.
 - Q You were an important medical officer in this expedition: what dissuaded you from agitating for proper hospital accommodation on the river.
 - I tried to get mahalias or barges. I could have done very well with them as we were situated. On the subsequent development, when the other troops came out, I had very little to do with the river. It is a very difficult thing to understand, but when suggestions are not taken well, and when you have made three or four efforts, it is rather hard to enter into an acrimonious discussion on a point where people take as a personal matter the mere fact of their being asked.
- Really it came to this, that you felt that representations would have been useless.
 - Yes, and that the mere fact of asking would only have caused discord. Also I might ask a thousand times, and would not get what I wanted.
 - Was it also thought by those in your position that it would interfere with their promotion.
 - A Well, I did not care very much for that, but there is always the personal element of dislike. One has to do one's best, but after all, one cannot go beyond a certain point, and when you have said it again and again, there is no good in going over

the ground once, more. Is Colonel Heherstill in Mesopotamia. I think he is in Turkey.

(The witness withdrew).

Major & Newett swort and examined Chairman: We have your statement here, which will a ve taken to sept somet as your endere in chief a. The 48 ct Pioneers Q: your sylen your statement potrotte is a valuable 5592) piece of evidence, and it is accommodorated by a was of similar evidence that I do not think we need examine you do regards the greater part of rigin should be preaked and attached be the rockerse, but I should like to ask you a few questions as to what happened before Chlorphon, because the evidence is unanimous as to what happened afterwards. You arrived in Mesopotamia on the 13th November 1914 5594 Q. as the very commencement of the fighting there was considerable difficulty in collecting and handling the wounded Q There were no carb or anibulances, and here was no hospital ship with the force Q Iransport was hastily adapted for the accommodshon of the wounded a Yes 5397 Q In your opinion if a hospetal ship had accompanied the force a great deal of suffering would have been a yes 5598 Q'During December the troops suffered very severely from impure water 5599 Q. The arrangements for purifying the water seem to

#1.)

REPORT re MEDICAL ARRANGEMENTS IN MESOPOTAMIA.

By Major G, Hewett.

Sahil or Zain, 17th November, 1914.

1. I arrived in Mesopotamia with my regiment on the 13th November, 1914. At the action at Sahil or Zain, 17th November, there was considerable difficulty in collecting the wounded and many were left out all night. The action was fought over a large area for the size of the force, and all casualties had to be carried in by hand. No carts had been landed, and, so far as I know, there were no ambulances. In this case, however, it is doubtful if wheeled vehicles could have performed much useful service owing to the very heavy nature of the ground

service owing to the very heavy nature of the ground after the rain which fell during the action.

There was no hospital ship with the force and many wounded lay in the open in the palm grove, while one of the transports was hastily adapted for their accommodation. On arrival at Basra some days later a large building was converted into a hospital and tents were nitched round it. At first patients had difficulty in obtainpitched round it. At first patients had difficulty in obtaining food, and slightly wounded officers had to forage in the bazaar for themselves and friends.

Had a fully equipped hospital ship accompanied the force in the first place much suffering and discomfort

could have been avoided.

Winter, 1914-15.

During December the troops in Basra suffered severely from dysentery due to the impure water. Arrangements were made later to supply tanks for storage of "chlorinated "(?) water, but apparently arrangements for water-supply had not been made in advance.

The establishment of native cooks for the hospital was quite inadequate, and fighting men had to be requisitioned from regiments to fulfil requirements. During the cold weather a properly fitted hospital boat to ply between Kurna and Basra would have been very useful. As it was, the sick were taken down the river on any steamer and generally had to just lie on deck.

Shaiba, April, 1915.

3. At the action near Shaiba on April 14th, 1915, there were only springless carts (ordinary transport vehicles) and artillery G.S. waggons for bringing in the wounded. The country was open and good going, and motor ambulances would have been invaluable.

This action was fought on a very hot day, and the troops, especially the casualties, suffered severely from thirst. There were no water carts with the force. During the whole time I was in Mesopotamia (November, 1914, to December, 1915) I never saw a water cart. Troops relied on mule pakhals as used in Indian frontier warfare. These proved quite inadequate when the fighting took place away from a good source of supply, as on April 14th, 1915. On this day water was eventually taken out in ammunition boxes packed in A.T. carts.

The number of doctors in Shaiba was quite inadequate to do the work. It was only their extraordinary exertions which prevented a great deal more suffering. one officer worked forty-eight hours at a stretch.

Operations near Ahwaz, May-June, 1915.

4. After the repulse of the Turkish offensive against Basra I was attached to General Gorringe's force operating in the direction of Ahwaz. Here there were few casualties, but a great deal of sickness, and the field hospitals were but a great deal of sickness, and the field hospitals were hopelessly overcrowded and overworked. At one time it was impossible to obtain castor-oil in the whole of the Illah Camp on the Kharke River. The heat was intense. Vegetables, even onions, were seldom obtainable, and it was only possible to get condensed milk in such limited quantities as to be of little value. This was in May-June, 1915. This was, I think, entirely due to lack of river transport. General Townshend was making his advance on Amara and required all the boats available, conseon Amara and required all the boats available, consequently the troops on the Karun River were, figuratively,

During these operations the troops again suffered severely from lack of water carts when they moved away

from the river. Even when near it the British troops suffered owing to not having bhistis with them. On one occasion I had to send the bhistis belonging to my detachment to assist the R. West Kent Regiment, who were suffering severely from the heat. Throughout this time we had to drink water straight from the river, and practically everybody suffered from diarrhoa or dysentery.

In the middle of June my detachment returned to Basra and proceeded up the Euphrates River to take part in the advance on Nasariyeh.

Euphrates: Capture of Nasariyeh, July, 1915.

5. During these operations the strength of the detachment was increased to half a battalion, but in spite of urgent representations of the Commanding Officer, Major Riddell, since killed in action, no medical officer, or even subordinate, could be spared to look after the health of the men. During the attack on the enemy's main position, July 24th, 1915, no suitably fitted boat was available for the reception of casualties. When no longer required for moving troops, a steamer was handed over to the medical officers and the wounded were put on board. They lay on the deck, were very crowded, and could receive only the barest necessary attention.

Essin: Capture of Kut-el-Amara, September, 1915.

6. On completion of these operations our detachment rejoined the 6th Division and took part in the advance on Kut-el-Amara. In this instance a steamer was told off as hospital ship, but was only so in name and was very small. During the action my battalion was employed exclusively on technical duties, and suffered practically no casualties. It is, however, a matter of common knowledge that the troops employed in the turning movement under General Delamain suffered severely from thirst, and that such arrangements as the medical officers were able to improvise for the reception and accommodation of the wounded were hopelessly inadequate. I use the word "inadequate" literally.

Ctesiphon, November 22nd, 1915.

7. When the division attacked the Turkish position at 7. When the division attacked the Turkish position at Ctesiphon, November 22nd, 1915, my regiment was attached to General Houghton's brigade, and took part in the infantry attack. We suffered severely and the casualties were scattered over a considerable depth of ground. The regimental stretcher bearers did their utmost and gradually worked up close to the firing-line. Several were killed and wounded during the day. I was knocked over about 600 to 800 vards from the enemy's knocked over about 600 to 800 yards from the enemy's trenches—rifle bullet in the right thigh, groin. I also had trenches—rifle bullet in the right thigh, groin. I also had a flesh wound in the left arm received previously, but of no consequence. I was hit at about 10 a.m., I think. I had my field dressing on me and my orderly was with me. The location of the wound made it difficult to bandage in the open under fire, so I let it alone, as the bleeding was not excessive. My orderly attended to the wounded near until himself wounded. When the fire slackened he assisted me into a small dry ditch. Here I was seen by the medical officer of the regiment Captain. was seen by the medical officer of the regiment. Captain Spackman, I.M.S., who had himself been wounded in the head, but was able to carry on. Hearing another officer was in extremis near by he left me, and my wound was eventually dressed by the sub-assistant surgeon, Wali Allah Khan. This would have been some three hours after being hit, but I did not make any note of the time. I was carried by the regimental stretcher bearers to an aid post established on the line of Turkish trenches by Captain Spackman. Under all the circumstances I consider this was good work. A water-supply was obtained from the Turkish trenches, where they had made an aqueduct from the river. During the afternoon a portion of a field ambulance came to the same place and was established there next day under Lieut. Colonel Donegan. In the evening I obtained some soup from Captain Spackman, but do not know where it came from. I was also given a hospital blanket.

November 23rd, 1915.

During the next morning, 23rd inst., I was cleaned up and properly dressed by an officer belonging to the ambu-So far as I know there were sufficient bandages, etc., but there were no comforts at all. Such food as I got was due to the kindness of the medical officers per-

8. The position of the ambulance was clearly shown by the usual flags. The "accommodation," being the open ground, was ample, but cold at night. I only remember one tent-an 80-lb. G.S.-which was used for surgical When the action was renewed we had to crowd into the Turkish trenches for cover. There was no attempt to transfer wounded in the forenoon. water, medical comforts and suitable food-nil.

9. Late in the afternoon we saw the Turkish counterattack developing. At that time there were none of our troops directly between us and the enemy, and our guns were firing over our heads. The Turks, as far as possible, refrained from firing anywhere near us. The A.D.M.S. rode up and ordered Colonel Donegan to evacuate his wounded to the rear of the 18th Brigade. The latter pointed out that he was practically immobile. The order was then given, "All those who can walk, walk." got a lift in a cart or on one of the doctors' ponies. About 40 cases remained in the exposed position during the night. A doctor and the Rev. Mr. Spooner, Church of England Chaplain, remained with them. They were all brought in next day, I understand. I thought I could walk with help, so went off with my orderly and another sepoy of my regiment. My orderly was wounded in the right shoulder, but was able to help me considerably. The other man was more seriously hurt, and could only just get along himself. We did, perhaps, half a mile, and then could go no further. Two slightly wounded officers found us, and practically carried me some way to a big dry nullah which gave us protection from the bullets which were flying pretty freely. We decided to spend the night there. It was very cold, and we had no blankets. In evacuating the ambulance the whole mob of wounded night there.

passed in rear of one of our field batteries in action, between it and their waggons. Though they presented a magnificent target for the hostile artillery they were un-molested; the Turks even appeared to cease firing at

our battery for a while.

10. Soon after dark some ration carts came along (Oxford and Bucks L.I.). The Q.M. in charge gave us some food, of which we were badly in need, and putting me on one of the carts, sent one of his party to show us the way to the new ambulance station. The wounded sepoys got no food at all.

At the ambulance there was no real accommodation, and I spent a very cold night under a cart with only my overcoat for covering.

24th November, 1915.

11. Early in the morning I heard the wounded were to obe evacuated to Lajj. The proceeding resembled a sauve qui peut. Again the order was given, "All those who can walk, walk." Lajj was about 5 miles away. I was unable to walk. I eventually was put on top of a half-loaded A.T. mule cart with an Indian officer who had a I travelled fairly comfortably, but all the jolting and bumping made the Indian officer suffer terribly. The one or two motor ambulances available appeared to do valuable work, but were hopelessly inadequate. Many of the wounded travelled on limbers and the waggons of the ammunition column.

Embarkation at Lajj, 24th November, 1915.

12. At Lajj I picked up my servant, some kit, and was able to get a good meal from regimental sources. appeared to be a good deal of confusion. An of An officer of regiment found a place for me on one of the steamers which had been detailed for the accommodation of wounded and had me carried on board. I saw no one on the bank directing proceedings. All the medical officers had their hands full on board the different boats. I forget the name of the boat I embarked on. It was a small one, and Major Bransby, D.S.O., R.A.M.C., was in medical charge. He did all he could to make us comfortable. There were,, I think, six cabins, with two berths in each. The worse cases were put in these. The rest of us camped in the saloon and were pretty comfortable. There were divans and camp cots to sleep on, and I don't think any officers had to lie on the floor. The Indian officers, British soldiers and sepoys were on deck and on barges. I don't know the numbers. They had no comforts, but most of them had some hadden. them had some bedding. Luckily, the weather was fine though cold. I can't say what the staff consisted of. Major Bransby looked after us, and there were a couple of British orderlies. We had our Indian servants with us too, so were well attended to.

13. We went as far as Kut-el-Amara on this boat, and were then transferred to P.IV. The journey to Kut took four to five days and was on the whole comfortable for a mild case like myself. The food was plain (bully stew chiefly) but sufficient. Perhaps not very suitable We provided our own crockery, &c. for serious cases.

None of the boats used as hospitals had any of their There was one latrine on the steamer and some rough ones on the barges. I don't know about the supply of bed-pans, &c. I did not require them. There was no bath, which we felt rather. We were very dirty when we came on board, and a bucket on deck was not satisfactory

14. On P.IV. we were very much worse off. There was no cabin accommodation, and all the officers were crowded on to the upper deck. One or two of the worst cases had mattresses and there were a few sacks half filled with straw. I had none and lay on the boards. There were a few hospital blankets, but nothing like enough. I did not The nights were cold, but the days were pleasant. There were the usual ship's awnings, but these would have been very inadequate protection in bad weather. The men on the barges would have been worse off, as they only had a roof of straw matting over them.

There was only one galley for cooking all the food, but the meals provided, while not being very attractive, were sufficient. for people like myself, whose condition was

generally healthy.

An officer of my regiment who was being sent down with jaundice, had considerable difficulty in obtaining suitable nourishment.

There were two doctors on board and some subordinates. They were very hard worked. We were on the P.IV. for nine days, and during that time my wound was dressed I do not think this caused any trouble so far as I was concerned.

15. There was only one latrine and one bath for all the officers, patients and ship's officers, which caused considerable discomfort. On the journey down we were twice held up by hostile Arabs, and all our bedding, &c., was taken to form some protection from their fire.

Eventually we were herded into the holds of the barges, where we were at least safe. The barges, however, had been used for transporting mules, and were very smelling. We lay on the steel floor, which was in direct contact with the water and consequently very cold.

We only stopped a few hours at Amara and went straight on to Basra. On arrival there we went into the hospital for one night, and next day were shipped for Bombay. Both in Basra and on the hospital ship we were extremely comfortable, and the doctors and nurses did

everything in their power to help us.

16. The difficulty in dealing with casualties always seemed to be directly due to the lack of proper and There were supplies in Basra, sufficient river transport. but no means of conveying them up stream. with the force were always working hard moving troops and rations, and could not be handed over to the medical officers till the last moment. In fact, the latter received the ships and the patients simultaneously, so that confusion was bound to ensue. Again, lack of transport prevented hospital fittings being carried, so when the ships were handed over they were quite unsuited to the work. The doctors themselves made heroic efforts to cope with their work, but they were generally shorthanded and hopelessly handicapped by lack of material.

have been a failure; is that so a, They took a long time to come into force Q. When they came who force " 5600 a: There may have been an improvement than Q: Then you were short of cooks for the hospital, and 5601 the fighting men had to be requisitioned Q was that on any considerable scale a, I think we had to send about four or five men from my own regiment. Others probably sout the same Q. Il I haiba the conditions were much the same Q and there were no water carts a That is so there reverwere Q I suppose it entailed a great deal of suffering a. We very often kept close to the river, but whenever we got away from the river such as at Thaibs or "in the march that some of the troops of made from the Kharke River to Chivay, in both those places Q You have seen a good deal of service perfection a. No, I have been once on the frontier of On the frontier you always have water carts 5607 a. No, only mules pakkels. Of course we had those in Mesopotamia. of Even after the battle of Sharba you say the & number of doctors was madequate a. yes, the A the ones actually on the spot at Shaiba Q then you went up to Chwaz Q' and the field hospitals there were filled with 5610

U yes they were practically all sick; there were very

few casualties Q Then there was a shortage of vegetables, and I was very difficult to get condensed melk a yes, practically impossible 5.12 Q You attribute this lack of supply to the fact that General Townshend was making his advance on Umara, and he book away the boats that otherwise night have been available a yes; book had to be taken Q In these operations at ahway the troops suffered again severely from lack of water a:yes Q The water which you took from the river was bad and produced a good deal of diarrhae and dysentery Q Then you went to Nasariyah Q There was no suitably fitted boat there for carpellis a. No a and the steamer was requisibioned. Where did they come from Massrijah a They came down from Kurna Q Then you captured Keel-el-amara - the same story again. The recoption accommodation for the counded was hopelessly inadequate a yes a Thave asked you these questions, because it has been asserted in certain quarters, that practically there was no break down at all fafter the Battle of Chesiphon; but according to your endence the arrangements were very unsatisfactory from the

A There were practically no arrangements really

S6 Quan

a s

Q You mean to say that there were medical units, but they were quito inadequate a: They got means of evacuating the seek. They had no steamers handed over as hospital boats or even barges to put the sick into when they had collected them on the river bank a I suppose the result was that the ambalances became a port of delivery hospitals a: Yes; we had the men dumped on the ower bank and put on any old barge which happened to be empty, the mules taken out of the steafule and the wounded put in and sent down the rever in it A Not at the beginning, I think. Of course I could not say from personal knowledge Q Were you wounded A: Yes, as Clesiphon 56 24 Q The evacuation of the wounded was rather a remarkable performance to get them down to thitel. Amara, but I fancy there was a great deal of descomfort and suffering. a yes there was 5625 Q But you all got down a. Sofar as I know, yes a fractically there was no specially accommodation a absolutely none a Were you short of food a. Well, we got food of costs. It was all right for people who were not so bad that they could not cal ordinary food Q When you got to Keet what happened to you, But you go down to Amera a Yls; I stopped a few hours at anara, and come down to Bassa Q and when you got to Barra!

a I got on the hospital chip and west back to India Q was that comfortable a. Yes, very comfortable wasced 5631 Q: Properly fitted a yes perfectly 5632 admiral Sir Cyprian Bridges to Sunderstand that in the early days of the expedition apart from the shortness of medical personnel, there was no marked shortness of medical necessaries, but there was of organization Wills far as I know there was no shortness of material than, as for as the actual bandages and things of that sort a There was a want of organization a: No, there was a lack of transport more, I think 5634 Lord Hugh Cecil: Before the expedition went beyond General Sir Neville Lyffelton, I was a side show at alway was it not a: yes Q The original forcewas quite small a. Yes, one Division to start with There was one Brigade, one in aloance, and they about the Red Sea till was was acheally declared I Chought you

Q No, at ahway. It sta very small thing indeed a. I think so

Q The Howers grew a the original force that went the was besieged Q: It assumed larger proportions than was at first anticepsted a. Oh yas, a great deal

Di archibald Williamson. Were there nurses in the hospital at Basra when you core there U. Cl few

158

Q That

Q. That is the only place where there were nurses a: Yes that was the only suitable place for them; should thene Q. You noted as early as December 1914 that there were no proper hospitals toats U: No none at all. They wanted a steamer running down from Kurna to Barra (43 Q: at that time the repedition had not gone for that then have Sory Q: But of the expedition weat further upthe twee the need of hopetal steamers would be increased a:415 1645 Q: That was needed as early as December 1914 a: Easily, yes ALL Q: But nothing had been provided of that cost by the time you left A: The, not by the true I fell Q. not a special hospital steamer a. no 5648 Q In april 1915 you found that motor ambulances would have been of value a. yes. Since Haff I think they might have had difficulty in getting them to get to Sharba from Basra. They had one or two in Basra, but the floods came up and I do not know if they could have made then up into light enough loads to take them to Sharba Q But notor ambulances would have been useful a ejes Q and that impressed you as early as april 1915 & But following in they were not in very large supply by the time you left

5652 Q Whey did you leave

159 4. ho

and above their infantry duties \$165 Q: are you under C. R. E. a: For Peoneer work \$166 Q: loho was the C. R. E.

160

A. Colonel

a: Colonel Evans

Q. Not you own Colorel

a. no, he cond an R. E. alall

1668 Q. We have had it in evidence that the first bridges made were made by General Gorringe about January 1916 over creeks into the Tigris nearly to Kurna - between Kurna and amera

a: It is quite likely there were. We never made any bridges there

56 9 Q: Where did you wake any bridges

a: al Basra itself

To Q Over the creeks

a: Yes, at Keirna, at Nesiriyah, and in ane the fallway that was

there, the light line a. I did not know there was a lightline there; I do not think there was. I think they wanted one and could not get it. That was always the idea we had

To The afferently there were varlo and electrony the Baghdad railway

a Those are not light; those we very heavy; those are about golbs to the foot

a Canothose you used for bridges

Q. Did the it strike you that the Report Engineering works was being done between Basra and Kurna There was

It. practically nothing being done there because the troops went up by boat . If they had realised what the floods

were going to be between Bassa and Sharba or how it was going to be submerged they would have raised the causeway there which could have been done before

the water came

5675 Q Do you do much roadnaking

Q. There is a road betofeen Kurna on the way to amon

A. H

a: It would probably be submerged ather time a, would it not be possible to lay a railway on the top of the toad of the toad a I do not thenk it was. I do not think they would be really of muchase on the Tigris until you get close to amara 56 78 Q: You wean't could not be made U; You would have to make a regular big thing of it, big embankments and things Lord Augh Cecil: Because of the floods a. Yes. Once you get past anira then you get the high banks, and you comerations along fairly queeklibed the swamps below them were pretty bad. The Baghdal Kailway does not go on the Tegnis line at all 50 80 Q. Is there anything about engineering out there that you would like to tell as a no, I do not think so A bord Openking generally you agree as to the deficiency of transport 3682 Q. Is there any other defect of a general character which you would call attention to a: No I do not there so Q: You think, practically, the defects of the Expedition are summed up so defective transport A Yes a Did you on your voyage back, or afterwards, when your were in India, hear cases of suffering caused by patients being award out of hospital before they were fit to be moved and sent on the transports as convalencents when they were still sick a No; Theard of lots of cases of people suffering on account of not getting sufficiently attention and that cost of thing, but I could not give any first

a.n.

hand evidence on the subject Q. Not on the way from Bassa to Bombay A: Deople arrived in Bombay with gangrenous 5686 Q That was the user hopetal chips, was it not a dexpect so 5687 The Chairman. Not on the transports a. I would not say Lord Hugh Cecil. You happened to meation a Chaplain in the course of your evidence. Was the supply of Chaplains insufficient A. at first it was, there was no Catholie Chaplain out there until just before Chesiphon- after we got to a: at first there was only one, Colonge Kenvin later on Q: and other Chaplains three or four Church of England Chaplains came out Earl of Donougharors: You say you made some roads round Barra a yes a I have seen somewhere that there is a great lack of 5691 clone in Mesopolania. Poes that extend to Bassa! Could you get metal to make your roads a old tox bricks and things there are practically no stones at all Q! You had to find old houses and pull them down A. Yes, and very often we semply used reeds and stuff to bind the earth Lord Augh Cecit: That Rolds allright in the dry weather but not in the wet A. In the wel the whole theng becomes like ice - slipping Q, It does not distategrate the reeds a. Yes, it does 5695 The Charman: I suppose it dois pretty quickly

poil It is rather holding; it is a clayery soil. It is all this alluvial ahiff that is brought down in the river that is brought down in the river over a year

The witness withdrew

Adjourned to Tuesday next at 10.30 o'clock.

Eruest augustus Wiler Chorman Willer