

# The Ultra Code - Hugh Alexander script

## Letter 6-1

Dear Bill,

As Alan's probably told you, I've been tasked with the command of Hut 8. I've heard a lot about the work you've been doing and I must say I'm impressed. At this stage, with our plans to take the fight back across the channel, we can be certain of very little, but your efforts have contributed significantly.

HQ have determined with full confidence that our plans to launch a beachhead between Boulogne and Le Havre are unsuitable, and have decided that further military build-up is required. As far as expected dates are concerned, if we attack across the channel, it will likely take place after operations in Africa have run their course.

That being said, plans are already being put in place for a future invasion. A briefing on 'Operation Overlord' will take place at 1000 hours, I'll see you there.

Good luck.

Hugh

## Letter 6-2

Dear Bill,

As Alan's probably told you, I've been tasked with the command of Hut 8 here at Bletchley. I've heard a lot about the work you've been doing here these past few months.

But despite your best efforts we've not managed to keep up with the influx of German decrypts. Fortunately at this early stage of proceedings our failure has not yet been of critical concern. However, from here on in we all need to put in our best effort to make sure that future plans run smoothly.

Due to a lack of viable information, HQ have decided to scrap plans to establish a beachhead between Boulogne and Le Havre. Operations in Africa are currently their number one priority.

That being said, plans are already being put in place for a future invasion. A briefing on 'Operation Overlord' will take place at 1000 hours, I'll see you there.

Good luck.

Hugh

## Letter 6-3

Dear William,

As Alan's probably told you, I've been tasked with the command of Hut 8. I've heard a lot about the work you've been doing and I must say I'm impressed. At this stage, with our plans to take the fight back across the channel, we can be certain of very little, but your efforts have contributed significantly.

Upon receiving a great deal of concerning information, HQ has decided to drop plans to seize Brest and Cherbourg and mass troops in the Cotentin Peninsula. They have also concluded that further military build-up is required. As far as expected dates are concerned, if we attack across the channel, it will likely take place after Operations in Africa have run their course.

That being said, plans are already being put in place for a future invasion. A briefing on 'Operation Overlord' will take place at 1000 hours, I'll see you there.

Good luck.

Hugh

## Letter 6-4

Dear William,

As Alan's probably told you, I've been tasked with the command of Hut 8 here at Bletchley. I've heard a lot about the work you've been doing here these past few months.

But despite your best efforts we've not managed to keep up with the influx of German decrypts. Fortunately at this early stage of proceedings our failure has not yet been of critical concern. However, from here on in we all need to put in our best effort to make sure that future plans run smoothly.

Due to a lack of viable information, HQ have decided to scrap plans to seize Brest and Cherbourg. Additionally, without knowing fully how many troops will be required to break-out of the Cotentin Peninsula, plans to do so have been deemed too risky. Operations in Africa are currently their number one priority.

That being said, in place of previous plans they have also begun work on a new invasion strategy designed for the continent, dubbed 'Operation Overlord'. We will be expected to contribute whatever we can, and I am sure as the war progresses this may yet come to be of vital importance. I'll see you at the briefing.

Good luck.

Hugh

## Letter 8-1

Good morning Bill,

Alan is due back from America soon. I'd like to think we've done well in his absence but his return will no doubt be a boost to our efforts. And with the news that the Soviets have pushed the Germans back from Stalingrad we already have the enemy on the back foot.

In the meantime, make sure to acquaint yourself with Tommy Flowers at Dollis Hill if you get the chance. He's looking to be a very promising addition to the team there. I'm sure you're already familiar with Max Newman's efforts to mechanize the decryption process, and I can assure you that if Flowers' influence on the project is anything to go by, he might well prove useful to you.

Best of luck,

Hugh

## Letter 8-2

Good morning Bill,

Alan is due back from America soon. I'd like to think we've done well in his absence but his return will no doubt be a boost to our efforts. And with the news that the Soviets have pushed the Germans back from Stalingrad we already have the enemy on the back foot.

In the meantime, make sure to acquaint yourself with Tommy Flowers at Dollis Hill if you get the chance. He's looking to be a very promising addition to the team there. I'm sure you're already familiar with Max Newman's efforts to mechanize the decryption process, and I can assure you that if Flowers' influence on the project is anything to go by, he might well prove useful to you.

Congratulations, by the way, on your and the team's successful contribution to our deception strategy. Following the conclusion of Fortitude, we will be now shifting our focus towards screening our planned invasion of Normandy, with the aim of making the Germans believe it's merely a diversion. I'll see you in the briefing room.

Best of luck,

Hugh

## Letter 8-3

Good morning Bill,

Alan is due back from America soon. I'd like to think we've done well in his absence but his return will no doubt be a boost to our efforts. And with the news that the Soviets have pushed the Germans back from Stalingrad we already have the Germans on the back foot.

In the meantime, make sure to acquaint yourself with Tommy Flowers at Dollis Hill if you get the chance. He's looking to be a very promising addition to the team there. I'm sure you're already familiar with Max Newman's efforts to mechanize the decryption process, and I can assure you that if Flowers' influence on the project is anything to go by, he might well prove useful to you.

Following the unfortunate failure of Fortitude, we will be now shifting our focus towards screening the planned invasion of Normandy, with the aim of making the Germans believe it's merely a diversion. I'll see you in the briefing room.

Hugh

## Letter 11-1

Dear Bill,

As you may know Mr. Milner-Barry will be replacing Mr. Welchman as head of Hut 6. He'll certainly be missed but of course Milner-Barry has our full confidence going forward.

With regards to Operation Pointblank, the US have just begun sending their B-24s in to begin bombing Nazi oil production facilities, under the denomination of Operation Tidal Wave. We can only hope that their efforts have some impact on the Luftwaffe's aircraft capacities.

Lastly, I thought it worth telling you that two German subs, U-383 and U-454, were recently sunk in the Bay of Biscay thanks to intercepted intelligence here at Bletchley. So keep up the good work, anything we can do to help the war effort is of vital importance.

Hugh

## Letter 11-2

Dear Bill,

As you may know Mr. Milner-Barry will be replacing Mr. Welchman as head of Hut 6. He'll certainly be missed but of course Milner-Barry has our full confidence going forward.

With regards to Operation Pointblank, the US have just begun sending their B-24s in to begin bombing Nazi oil production facilities, under the denomination of Operation Tidal Wave. We can only hope that their efforts have some impact on the Luftwaffe's aircraft capacities.

Finally, some unfortunate news. A number of unidentified U-Boats recently sank a troop of supply ships off the Bay of Biscay. Reports suggest the attack may have been intercepted. If only we could have done something here to anticipate it.

That is all for today, see you in the hut.

Hugh

## Letter 12-1

Dear Bill,

Information has just begun coming in on the opening stages of our offensive on mainland Italy. So far, General Montgomery's forces have managed a successful landing at Salerno, Calabria and Taranto and have gone on to establish an effective foothold on the peninsula.

We have also received reports with regards to our efforts on Operation Bodyguard, and I believe a congratulations is in order, because we have successfully influenced the Germans into diverting troops away from Normandy. This should, in the best-case scenario, give our landing forces much better odds in establishing a sufficient beachhead on the continent.

With our bombing campaign on Germany in full swing, and yielding the desired results, your labor is now requested for another important operation. 'Gambit', as it has been dubbed, pertains to uncovering German submarine operations in the channel. We'll fill you in more at the briefing.

Hugh

## Letter 12-2

Dear Bill,

Information has just begun coming in on the opening stages of our offensive on mainland Italy. So far, General Montgomery's forces have managed a successful landing at Salerno, Calabria and Taranto and have gone on to establish an effective foothold on the peninsula.

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As always, keep up the good work.

Hugh

## Letter 12-3

Dear Bill,

Information has just begun coming in on the opening stages of our offensive on mainland Italy. So far, General Montgomery's forces have managed a successful landing at Salerno, Calabria and Taranto and have gone on to establish an effective foothold on the peninsula.

We have also received reports with regards to our efforts on Operation Bodyguard. Despite our best efforts, the Germans have cottoned on to the fact that our offensive at Normandy will be the primary attack itself. Unfortunately, this means that our landing troops can expect to have to fight through stiff resistance.

However with our bombing campaign on Germany in full swing, and yielding the desired results, your labor is now requested for another important operation. 'Gambit', as it has been dubbed, pertains to uncovering German submarine operations in the channel. We'll fill you in more at the briefing.

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That is all for today. See you after work.

Hugh

## Letter 12-5

Dear Bill,

Information has just began coming in on the opening stages of our offensive on mainland Italy. So far, General Montgomery's forces have managed a successful landing at Salerno, Calabria and Taranto, but unfortunately due to heavy Axis resistance have not yet been able to establish a safe beachhead.

We have also received reports with regards to our efforts on Operation Bodyguard, and I believe a congratulations is in order, because we have successfully influenced the Germans into diverting troops away from Normandy. This should, in the best-case scenario, give our landing forces much better odds in establishing a sufficient beachhead on the continent.

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Hugh

## Letter 12-6

Dear Mr. Taylor,

Losing flavour

Information has just began coming in on the opening stages of our offensive on mainland Italy. So far, General Montgomery's forces have managed a successful landing at Salerno, Calabria and Taranto, but unfortunately due to heavy Axis resistance have not yet been able to establish a safe beachhead.

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## Letter 12-8

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We have also received reports with regards to our efforts on Operation Bodyguard. Despite our best efforts, the Germans have cottoned on to the fact that our offensive at Normandy will be the primary attack itself. Unfortunately, this means that our landing troops can expect to have to fight through stiff resistance.

That is all for today. See you after work.

Hugh

## Letter 15-1

Dear Bill,

I am happy to announce that the Colossus Mk. 1 is finished. Despite the doubts that I know many of us shared with Mr. Newman, Flowers certainly came through for us. I look forward, as I am sure you do too, to seeing the new machine running.

Watching events in the Mediterranean and on the Eastern front unfold may have been a nerve-wracking affair, but thus far our campaign on the Moro River in Italy is going well, and Soviets have been seeing great success since putting the Germans on the back foot at Kursk. Further to this, the Americans are really mounting the pressure in their bombing campaign on Bremen, Hamburg and Kiel.

There's a briefing this morning on the upcoming Operation Tiger. There has been something of a mishap regarding trial runs for the Normandy landings, and H.Q. wants us to get to work on a hasty cover-up. We'll be required to gather a lot of intel in a short amount of time but completing the operation will seriously improve our chances of success at Normandy.

Hugh

## Letter 15-2

Dear Bill,

I am happy to announce that the Colossus Mk. 1 is finished. Despite the doubts that I know many of us shared with Mr. Newman, Flowers certainly came through for us. I look forward, as I am sure you do too, to seeing the new machine running.

This is certainly a boon in light of how events in the East and Mediterranean have been playing out. Watching our campaign on the Moro River in Italy stall and the Soviets barely manage to fight the Germans to a stalemate has been dispiriting to us all. So much so, that the Americans have seen fit in their bombing campaign on Bremen, Hamburg and Kiel to introduce fire bombs to innocent civilians. I have little faith that the Germans, after what we know of their aerial methods, will answer this with clemency.

There's a briefing this morning on the upcoming Operation Tiger. There has been something of a mishap regarding trial runs for the Normandy landings, and H.Q. wants us to get to work on a hasty cover-up. We'll be required to gather a lot of intel in a short amount of time but completing the operation will seriously improve our chances of success at Normandy.

Hugh

## Letter 17-1

Dear Bill,

We have some troubling news. Following an aircraft raid on Berlin, the German's have falsified reports of the damage in an effort to divert future bombing raids away from the capital. Fortunately, we were able to see through this deception, however it is imperative that we remain vigilant. It seems as if the Germans have cottoned on to us, and we need to make sure they don't beat us at our own game.

With that in mind, we have plenty for you to do today. Get to it.

Hugh

## Letter 17-2

Dear Bill,

Good news; intercepted German damage reports on our latest air-raid of Berlin have indicated massive damage. While we have not been able to validate this information with our own reconnaissance, this may well prove to be a major step in our favour.

Regardless, the odds are still stacked against us, and Military Intelligence need all the information they can get.

Hugh

## Letter 17-3

Dear Bill,

We have some troubling news. Following an aircraft raid on Berlin, the Germans have falsified reports of the damage in an effort to divert future bombing raids away from the capital. Fortunately, we were able to see through this deception, however it is imperative that we remain vigilant. It seems as if the Germans have cottoned on to us, and we need to make sure they don't beat us at our own game.

That being said, our efforts to sniff out the positions of German U-Boats have thus far been highly successful. With the upper hand in information, we should be able to ensure that our troops all make it safely on shore.

Don't rest too easy though. Military Intelligence have called on us to gather intelligence for another crucial operation. 'Operation Neptune', as they have dubbed it, will plan for the paradropping of troops behind enemy lines to target German radar stations ahead of any amphibious or land assault we might mount. Hence, it will be crucial for us to ascertain the locations of said stations, as well as any other essential information of the sort.

I'll see you in the briefing room.

Hugh

## Letter 17-4

Dear Bill,

We have some troubling news. Following an aircraft raid on Berlin, the German's have falsified reports of the damage in an effort to divert future bombing raids away from the capital. Fortunately, we were able to see through this deception, however it is imperative that we remain vigilant. It seems as if the Germans have cottoned on to us, and we need to make sure they don't beat us at our own game.

This is certainly going to be imperative in light of our recent failure to detect the positions of German U-Boats in the English Channel. Although, when the time for the crossing comes, our own forces will remain on high alert, I fear we cannot guarantee the safe passage of our troops to France.

Yet we still do have time to press our advantage. Military Intelligence have called on us to gather intelligence for another crucial operation. 'Operation Neptune', as they have dubbed it, will plan for the paradropping of troops behind enemy lines to target German radar stations ahead of any amphibious or land assault we might mount. Hence, it will be crucial for us to ascertain the locations of said stations, as well as any other essential information of the sort.

I'll see you in the briefing room.

Hugh

## Letter 17-5

Dear Bill,

Intercepted German damage reports on our latest air-raid of Berlin have indicated massive damage. While we have not been able to validate this information with our own reconnaissance, this may well prove to be a major step in our favour.

In addition, our efforts to sniff out the positions of German U-Boats have thus far been highly successful. With the upper hand in information, we should be able to ensure that our troops all make it safely on shore.

Military Intelligence have called on us to gather intelligence for another crucial operation. 'Operation Neptune', as they have dubbed it, will plan for the paratropping of troops behind enemy lines to target German radar stations ahead of any amphibious or land assault we might mount. Hence, it will be crucial for us to ascertain the locations of said stations, as well as any other essential information of the sort.

I'll see you at the briefing.

Hugh

## Letter 17-6

Dear Bill,

Intercepted German damage reports on our latest air-raid of Berlin have indicated massive damage. While we have not been able to validate this information with our own reconnaissance, this may well prove to be a major step in our favour.

This is certainly a boon in light of our recent failure to detect the positions of German U-Boats in the English Channel. Although, when the time for the crossing comes, our own forces will remain on high alert, I fear we cannot guarantee the safe passage of our troops to France.

Military Intelligence have called on us to gather intelligence for another crucial operation, and this time you have to succeed. 'Operation Neptune', as they have dubbed it, will plan for the paratropping of troops behind enemy lines to target German radar stations ahead of any amphibious or land assault we might mount. Hence, it will be crucial for us to ascertain the locations of said stations, as well as any other essential information of the sort.

I'll see you at the briefing.

Hugh

## Tutorial 3

William! Good to finally meet you old chap, Alan's told me a lot about you. Well then, let's finish off your training.

...

As you know each time we break a code we gain some intel about the enemy. You can spend this intel on a number of things, including new bulbs to help build machines. Try buying a bulb by clicking on the note at the bottom.

...

Good. Finally, if you're completely stumped and can't solve the Enigma settings for a particular day then you can always click the exit button at the bottom.

...

But you obviously won't earn any intel for that day. Anyway I'm sure you'll never need to use it, let's crack on with today's settings.

...

Use the three bulbs you've got to construct a machine that allows any codewords where the first digit is a 1 and rejects codewords where the first digit is a 0. Good luck William.

...

I appreciate the enthusiasm William but you're not out of basic training yet. Let's try building a machine to decipher today's codewords.

## Victory / failure barks

Bloody good work, old chap!

...

Another code cracked!

...

My god, he's bloody done it!

...

Well, you can't win them all I suppose.

...

Let's call it a day.

...

I'm sure we'll have better luck tomorrow.