# PRIVATE JAMES KEMPLEY AVON DASSETT'S D-DAY HERO

#### **BEFORE THE WAR**

James Kempley was born on 16 January 1920 at Hayton in Yorkshire. He was educated at the independent, Catholic boarding school, Downside in Somerset, leaving at the age of 16. At the outbreak of war he was employed as a builder's labourer in Avon Dassett.

#### **WAR SERVICE**

He enlisted in 1940 and joined the 1/5<sup>th</sup> Battalion Welch Regiment, fighting in France and Belgium before being evacuated at Dunkirk in June 1940.

#### **OPERATION EPSOM**

On 18 June, General Montgomery wrote, 'To-day is D plus 12, and we have now been fighting since 6 June. During this time we have been working on the original directive issued by me in England.' He recognised that 'after the very great intensity' of D Day he had to change tactics and launched a 'blitz attack' on the German army. He knew, through air reconnaissance, that 1st SS Panzer Division, the third division in Hitler's armoured reserve, had left Belgium and that II SS Panzer Corps was en route to Normandy from Poland. Montgomery feared that he would lose the initiative. He decided to commit the newly landed VIII Corps, under Lieutenant-General Richard O'Connor, to a large offensive, codenamed 'Epsom', to the west and south-west of Caen.

The Battle for Caen 'Epsom' commenced on 26 June, its goal to drive across the River Odon Valley and up onto the high ground of Hill 112 to the south of Caen. The hill offered a commanding position over the open terrain to the south of the city and was an ideal launching point for an armoured thrust to threaten the German defences in the area. The attack would be launched by some 60,000 troops and over 600 tanks supported by 696 guns, 250 medium bombers, 18 squadrons of fighter bombers and the firepower of three cruisers and one monitor from the Royal Navy.

The opposition facing VIII Corps initially consisted of the 12th SS Panzer and Panzer Lehr Divisions. Both formations had taken a 'battering' since the invasion, with 12th SS Panzer Division already reduced to about 75 per cent of its strength. The Germans had at their disposal just short of 200 tanks and between 60 to 80 88mm anti-tank guns.

The plan required the infantry, supported by the heavy Churchill tanks of 31st Tank Brigade, to advance on a narrow frontage to maximise the concentration of firepower and ensure that sufficient troops were available to follow up the attack in force. The advance would take place behind a rolling artillery barrage, which would move ahead at the rate of 100 yards every three minutes. Once the infantry had breached the German defences, they were to pave the way for the newly arrived 11th Armoured Division to break out to the south of Caen.

Things did not go quite according to plan. Due to bad weather, the promised RAF support did not materialise and the advance was far slower than expected. Determined German resistance around the village of Cheux and St. Manvieu held up the infantry and they began to lose contact with the rolling barrage. By lunchtime, the division was still some 2 miles from its main objective of the first day, the bridges over the River Odon. Nonetheless and in spite of these delays, it appeared that the German defences were 'stretched to breaking point' and O'Connor decided to launch 11th Armoured Division into the battle earlier than planned. It failed to break through and by the end of the day, VIII Corps was still 1 mile short of the Odon. The German position had held, if only just; 12th SS Panzer Division suffered the loss of over 700 troops killed, wounded or missing, the most it had experienced in any single day of action.

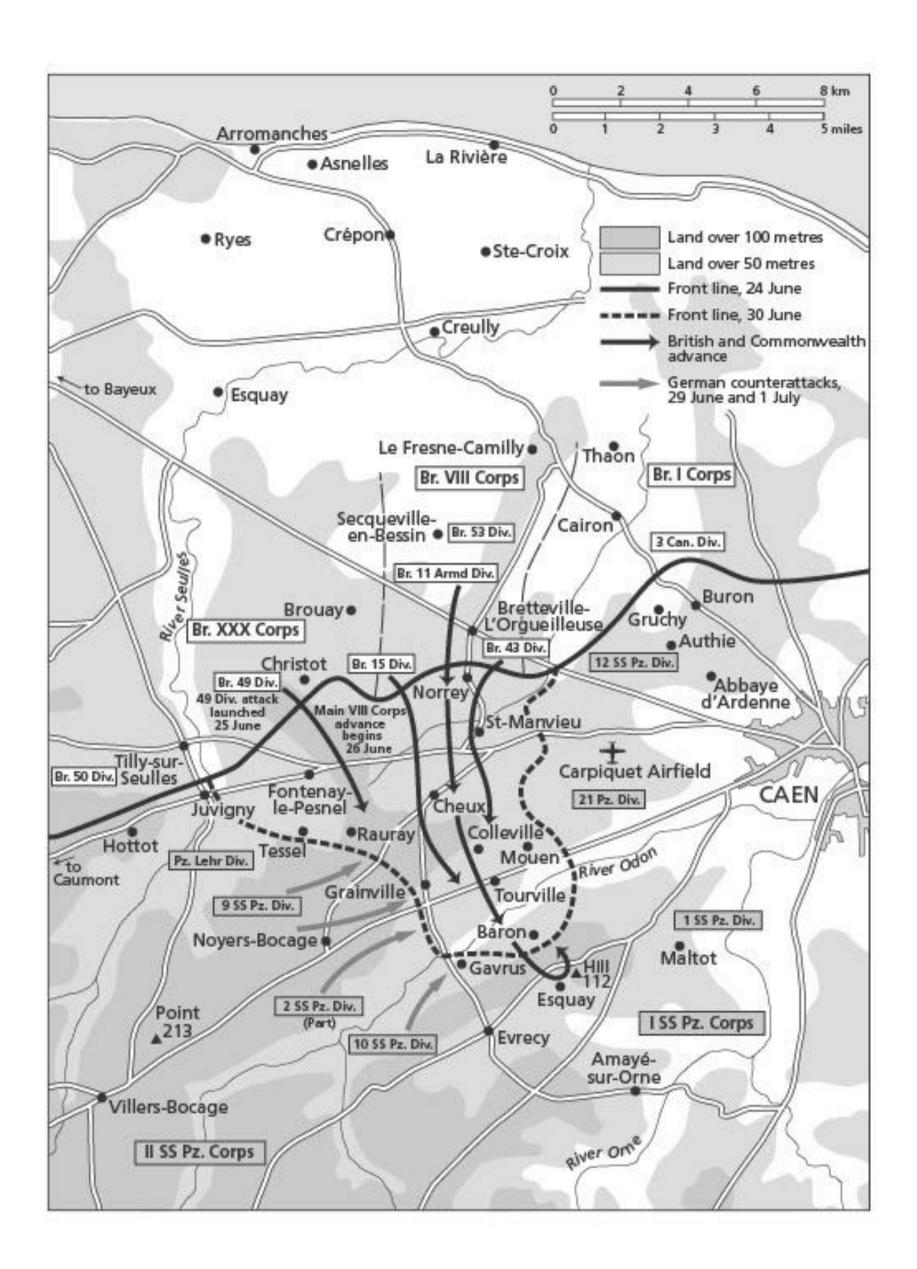
The next day, a successful attempt was made to cross the River Odon and on 28 June the 11th Armoured Division assaulted Hill 112, which was taken after much bitter fighting. Events now intervened. 'Epsom' had pre-empted a major German counter-offensive to be launched by the II SS Panzer Corps, which had recently arrived from Poland. Montgomery and Dempsey, fully aware that this new formation was preparing to go into action, decided to continue with 'Epsom' irrespective. Their goal was to retain the initiative and force the Germans to commit their reinforcements piecemeal and at a time and place of British choosing.

With Allied artillery and naval gunfire support already in situ and ready for a battle in and around the salient created by VIII Corps' advance, it was understood that 'Epsom' now represented an excellent opportunity to inflict serious attrition on the German Army. O'Connor ordered his men to hold on to their positions and await the expected counterblow, which was duly delivered on 29-30 June. Even with the prior warning, the intensity of the German offensive caught Second Army by surprise; some units fell back and others were overrun. But the German assault stalled as determined infantry supported by air attack (now that the weather had improved) and artillery fire began to inflict grievous losses on the attacking units. The battle was a 'holocaust for the Germans. Their dead lay in piles among the wheat'.

It was in this battle that Kempley lost his life. He had sailed with his regiment to Normandy on 24 June and was sent into active combat against the Germans on 30 June, near Brouay. He was killed in action the same day, one of more than 4,000 allied troops killed, wounded, missing in action or taken prisoner between 25 and 30 June 1944.

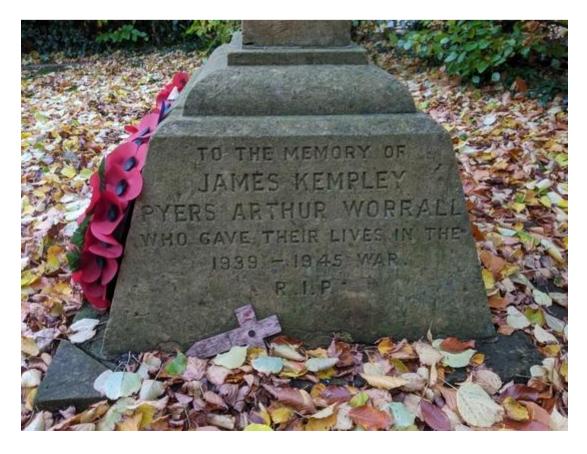
#### **GRAVE**

Kempley is buried at St. Manvieu War Cemetery, Cheux and commemorated on the Avon Dassett War Memorial. The personal inscription on his grave reads, 'OF HIGH TRENWICK, MARKET WEIGHTON, YORKS. "MY JESUS, MERCY!" R.I.P.





James Kempley's grave at St. Manvieu War Cemetery, Normandy



Avon Dassett War Memorial

# DEATH IN ACTION.—Mrs. V. Kempley, Sibford Gower, formerly of Avon Dassett, has received notification of the death on active service in Normandy of her son, Private James Kempley. Private Kempley who had completed four years of army service, was at Dunkirk in 1940. He was an extremely popular young man as letters received from his comrades restify. Deceased was a member of the congregation of S.S. Peter and Paul, Brailes. Requiem Mass was offered by the Rector (Rev. W. Connick, B.D.) on Monday and on Sunday last solemn sung Mass was also offered for the repose of his soul. Father Connick paid a moving tribute to the memory of this gallant young soldier, and preached an impressive sermon on the text, "Greater love than this." The choir sang the Psalm "Out of the Depths" and the collects for the Faithful Departed were used.

Banbury Guardian 17 August 1944

# **BACK IN AVON DASSETT**

#### ENGAGEMENT.

Allsop-Cooper .- The engagement is announced between JOHN ALAN ALLSOP, only son of Mrs. and the late Mr. Allsop, of Butlers Marston, Warwick, and FRANCES IRENE COOPER, eldest daughter of Mr. and Mrs. A. A. Cooper, Avon Dassett, Near Leamington Spa.

#### FORTHCOMING MARRIAGE.

Hutson-Nicholls.-The forthcoming marriage is announced between HENRY GORDON HUTSON, of Texas, U.S.A., and BEATRICE SARAH MAY NICHOLLS, of Bloxham.

Housewifes A YEAR ago, when our merchant seamen part were fighting for their lives against the U-Boat packs, everyone at home joined in the battle by cutting down food-waste. Tens of thousands of

tons were saved by the British house wife. The need is just as great today. Lives are still at stake. Not only ships, but trains and lorries too, are wanted for the arms and reinforcements that will support our fighting men on their way to Berlin. It's a matter of wheels as well as keels. Not a foot of space can be spared for food

that is thrown away. Here is something we all can do - stop kitchen-waste, larderwaste, plate-waste. Let's think not only of the ships which bring our wheat, meat and fats, but of the road transport which is needed even for the foods we grow here. Our old friend the potato, for instance, needs transport from farm to market, and from market

to shop-and he's no light-weight you know! So on with the fight. Here are some tips to help you:-

SAVE BREAD by allowing new bread to become quite cold before putting it into the bread bin: Using bread when it is 24 hours old, and never when it is new because you get more slices to the loaf: Using stale bread for browned breadcrumbs, rusks for children, bread puddings, sweeters avoury, for thickening soups, as breakfast cereal, or (souked in water and squeezed out) for stuffing: By keeping it in a clean, dry bin swathed in a clean cloth: By not eating it at the same meal as potatoes.

SAVE MILK by protecting it from weather-waste. Milk should be kept in the coolest spot in larder or kitchen. The floor is cooler than an upper shelf. Never place milk in an airless cupboard. Fill a basin to within 11 inches of the top with cold water. Stand the milk ottle in the water, and having sat thoroughly clean flower-pot or several thicknesses of butter muslin under the cold water tap, put it over the milk bottles, resting it on the neck and touching the, water. Change the water at regular intervals, every few hours in hot weather.

#### To-day's Scraps To-morrow's Savouries

Make the best use of every ounce of food you have. Here are some suggestions for using-up left-overs. I Chop up odd scraps of cold meat and bake in a batter or use as a filling for savours pancakes, omelettes or fritters. 2 Left-over beans make splendid 3 Use up cooked fish in a salad or as a sandwich filling.

SAVE FAT by converting scraps of meat fat into cooking fat, and clarifying dripping so that it can be used for frying and for making pastry.

Trim the fat off the meat before cooking. Cut the scraps up small and put in a tin in a cool oven. When melted, strain off the fat carefully from the dried up bits of meat and pour into a bowl. This makes fat for pastry and puddings and can be



To clarify dripping, cut it up, put it in a saucepan, cover with cold water and bring to the boil. Pour into a bowl and let it get cold. Now lift off the hard white lid which has formed, scrape away any meat from the underside, and melt the fat gently, heating it till it stops bubbling. This is to remove any remaining water. If any water is left the fat won't stay fresh. Pour into a bowl and use as needed.

SAVE POTATOES by taking SAVE POTATORS of the same a little more trouble in preparation. Now that we are at the end of the season, potatoes need rather more care, in peeling but peel them thinly. Heavy peeling wastes a quarter of the potano before you sarrt, whenever possible don't peel

LISTEN TO THE KITCHEN FRONT ON TUESDAY, WEDNESDAY, THURSDAY and FRIDAY at 8.15 a.m. THE MINISTRY OF FOOD, LONDON, W.I. FOOD FACTS No. 201 ENGAGEMENTS.

engage-Hicks-Hazlewood.-The ment is announced between RAYMOND LESLIE HICKS, only son of Mr. and Mrs.
A. Hicks, of Hill Top Farm, Avon
Dassett, and Nora WINIFRED HAZLEwood, only daughter of Mr. and Mrs. H Hazlewood, Woodbine Cottage, Warmington, Banbury.

E. Cave.

#### AVON DASSETT.

RED CROSS AND ST. JOHN.-PRIS-ONERS OF WAR FUND .- On January 10 a whist drive and raffle was organised by Mrs. Kynaston, Mrs. Hall, Mrs. Preston and Mr. Preston, who acted as treasurer, and held in the Village School. The following sums were realised—Admission £10 15s., raffle £12 10s., auction £22 8s. 6d. and donations £4 6s. 6d. As there are no expenses a cheque for £50 has been sent to the Red Cross and St. John Fund. Mrs. Sumner, presented the whist prizes to the winners and Miss Profumo drew the winning tickets for the raffle as follows:—Chicken, Mrs. Andrews, Farnborough; bottle of port, Mrs. D. Spike, Avon Dassett; cigarettes, Mr. Sidwell, Northend. The organisers thank all who helped by giving prizes, donations and attending the function, thereby adding to its success.

#### MARRIAGES.

Broomfield-Dancer. - August 26th at St. Mary's Church, Adder-bury, by the Rev. T. H. South, LA.C. SIDNEY GEORGE BROOM-Mr. and Mrs. Broomfield, of Pilly, near Lymington, Hants, to AMY ELLEN DANCER, only daughter of Mr. and Mrs. A. Dancer, The Green, Milton.

Smith—Hubbard.—August 24th ALFRED SMITH, eldest son of Mr. and Mrs. C. Smith, of Leicester, to EVELYN MARY HUBBARD, eldest daughter of Mr. and Mrs. J. Hubbard, of Avon Dassett.

#### ITALIAN PRISONER KILLED BY BULL.

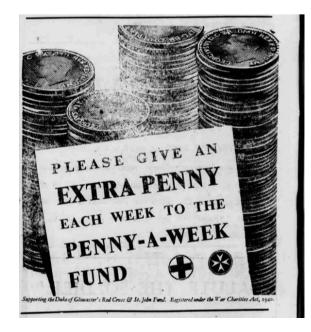
AnItalian prisoner, Ernesto Rasi, employed on the farm of Colonel P. R. Worrell, C.B.E., D.S.O., M.C., of Bitham Hall, Avon Dassett, met his death on Monday as the result of being gored by a bull. It appears that he was sent to drive a bull from a field and was found dead by another prisoner about 9 p.m. with multiple injuries. The inquest took place yesterday (Wednesday) when a verdict of death by misadventure was returned.



Whether it's a shell spattered bridgehead . . . bullet-swept beach, or a rain-sodden swamp, rely on the British Tommy to get there. We, at home, don't need such courage, such fortitude to reach our objective. Just determination-to reach and pass the savings figure fixed for our SALUTE THE SOLDIER WEEK. Show our fighting men we're crack marksmen too-on our savings target.

# INVEST ALL YOU CAN IN-

3% Savings Bonds 1940.70 • 2½% National War Bonds 1952.4 • 3% Defence Bonds • Savings Certificates • Savings Stamps • The Post Office Savings Bank • A Trustee Savings Bank



#### **Avon Dassett Charities**

What happened during World War 2

Historically, Charities were set up to help those who would benefit from additional income. Avon Dassett Charities were no exception and, between 1617 and 1780, benefitted from four Charities, three set up by generous persons and one as the result of the enclosure of common-land and the provision of allotments in their place. One Will directs that the money should be given to the industrious poor. The Meeting and Accounts records during the course of WW2 are very sparse but they do give us a brief insight into village life at the time.

Payments to villagers at Christmas continued to be made up to December 1940 by the provision of coal, but it was then decided by the trustees to make the payments in cash, this was due to rationing and the difficulty in obtaining it, as well as the cost. This change became permanent even when the war had finished. A Mr.T.A.Spike, who lived in Avon Dassett, was the coal merchant at the time.

The minutes of the Charities during the war show simple one liner entries but we know from the accounts that contributions were received from Baroness Profumo, Reverend Abbott and Mrs. Worrall.

The war damage compensation scheme was one of the success stories of the war. In October, 1940, when Britain stood virtually alone and the Battle of Britain was being fought in the air, the then Prime Minister, Winston Churchill, announced that a comprehensive war damage scheme would be inaugurated at once.

As a result, in December, 1940, the Chancellor of the Exchequer, Sir Kingsley Wood, introduced the Bill which became the War Damage Act 1941. As Sir Kingsley Wood said at the time, the Bill was an instrument of justice and an Act of social solidarity spreading the burden of the war damage over the whole community. Incidentally, it reflected confidence in ultimate victory.

Over the 1941-1946 period more than £200 million was paid nationally and Avon Dassett Charities paid it's contribution to Region No.9, one of 16 regional offices set up throughout the country to administer the scheme. A yearly sum of 6/6p (six shillings and sixpence, equivalent to £18.52 in today's money) was paid each year, which was calculated on the basis of what property and land was owned.

The Charity trustees over the 1939 – 1945 period were Canon Feist, Frank Stranks, Mrs. Worrall, Mrs. Bullock, Mrs. Sumner and W. Healey.

Although times and circumstances have drastically changed the principles set up many years ago are still upheld today. The Charities continue to provide to state school children, pensioners and needy persons who qualify up to the present day.

#### D. DAY LANDINGS

#### BY ROY W JENKINS

Soldiers packed like sardines in this landing Boat
Ramp goes down no longer afloat
Into the water rifles held high
Each man lands with their rifles kept dry.

Adrenalin is high it shows on each mans face

As he faces the carnage that is taking place

Stepping firmly on the sand his life is now in gods own hands

Soon men are falling so sad helplessly on the sand.

Struck down by enemy bullets that fly through the air

They are flying across the beaches everywhere

Facing terrible danger men fight on

To end a war that's gone on too long.

The noise of shells flying over head from our ships out at sea

Bombarding the enemy lines out of sight that one can'tsee

And the stench of gunfire fills the air

Hard to breath man no fresh air.

To paint a true picture of the invasion on D Day

Only men who took part can say

So all we can do is Imagine what it was like someway

And a Big Thank you to you all for giving us life in this world today

# TURMOIL ON THE BEACHES D .DAY

By Roy.W.Jenkins

Gathering together before the fray
Great forces gather before the big day.
Not knowing what lies ahead,
rumours are everywhere it has to be said.

The Big day has arrived at last,
What's facing the forces will be a great task.
To drive the enemy out of sight,
with all their stamina and with all their might.

Military carnage strewn everywhere, dense black smoke fills the air. With exploding ordnance all around, Very little shelter can be found.

Why was D ,Day brought about?

To drive Adolf Hitlers maniacs out.

All over Europe was in his power,

defeating Countries hour by hour.

So Giant Forces throughout the world, gathered on this fateful day

To drive the mad mans army well away.

this giant forces across the Channel went, to fight the enemy trench by trench.

We must never forget this great day, and the terrible price we had to pay. Human sacrifice in a living hell, only those who took part could tell.

Let us not forget D.Day; remember it with pride,
The part of WW2 that turned the tide.
To defeat a dictators army,
who the whole world knew he was barmy.

Roy W. Jenkins grew up in Avon Dassett and was the last child to attend the school before it closed.

# **D-DAY FACTS AND FIGURES**

#### Deployed forces

1,527,000	Number of US soldiers deployed to England on D-Day	
287,000	Number of personnel on board allied ships on D-Day	
156,115	Number of Allied soldiers and paratroopers engaged in Normandy on June 6, 1944	
132,000	Number of Allied soldiers who landed on June 6, 1944	
25,000	Number of Allied sailors engaged in Operation Neptune	
73,000	Number of British soldiers who landed on June 6, 1944	
59,000	Number of US soldiers who landed on June 6, 1944	
40,000	Number of German soldiers in the landing areas	
34,250	Number of US soldiers disembarked at Omaha Beach on June 6, 1944	
28,845	Number of British soldiers disembarked at Sword Beach on June 6, 1944	
24,970	Number of British soldiers disembarked at Gold Beach on June 6, 1944	
23,250	Number of US soldiers disembarked at Utah Beach on June 6, 1944	
21,400	Number of Canadian soldiers disembarked at Juno Beach on June 6, 1944	
15,500	Number of Americans parachuted on June 6, 1944	
7,900	Number of British paratroopers dropped on June 6, 1944	
360	Number of Allied pathfinders dropped over Normandy	
225	Number of American Rangers of the 2nd Battalion engaged at Pointe du Hoc on June 6, 1944	
177	Number of soldiers of the French commando Kieffer having landed on Sword Beach	
Human losses (killed, wounded, missing or prisoners)		
10,500	Number of Allied casualties on 6 June at midnight (killed, wounded, missing, prisoners)	
10,000	Estimated number of German losses on 6 June 1944	
6,000	US Losses on D-Day	
3,800	Number of allied soldiers killed as part of Operation Neptune on June 6, 1944	
2,500	US Losses on Omaha Beach on D-Day	
1,063	Canadian losses on Juno Beach on D-Day	
708	Canadian wounded and missing in actions on Juno Beach on D-Day	
630	British Losses on Sword Beach on D-Day	
413	British Losses on Gold Beach on D-Day	
355	Number of Canadian soldiers killed on Juno Beach on D-Day	
197	US Losses on Utah Beach on D-Day	
44		
41	French losses of the Kieffer commando on June 6, 1944	
31	French losses of the Kieffer commando on June 6, 1944  Number of French commandos injured on D-Day	

#### **Deployed equipment**

200,000	Number of beach obstacles installed by the Germans along the Atlantic Wall
200,000	Number of allied vehicles of all kinds landed in Normandy on June 6, 1944
11,590	Number of allied aircraft (hunters, bombers, transport, reconnaissance and gliders)
10,395	Tonnage of allied bombs dropped on Normandy all day of June 6, 1944
9,500	Number of allied attack and support aircraft on D-Day
7,616	Tonnage of allied bombs dropped on Normandy during the night of June 5-6, 1944
6,939	Total number of vessels deployed during Operation Neptune
3,200	Number of vehicles landed on Juno Beach on D-Day
2,218	Number of Allied bombers engaged during the night of June 5-6, 1944
1,900	Number of Allied aircraft and gliders used during the night of June 5-6, 1944
1,742	US vehicles disembarked at Utah Beach on D-Day
1,695	Tonnage of material landed by the Americans in Utah Beach
832	Number of Douglas C-47 Dakota aircraft engaged on the night of June 5-6, 1944
815	Number of German Air Force (Luftwaffe) aircraft available on D-Day
200	Number of warships participating in the naval bombardment of 6 June 1944 (battleships, monitors, cruisers and destroyers)

#### **Material losses**

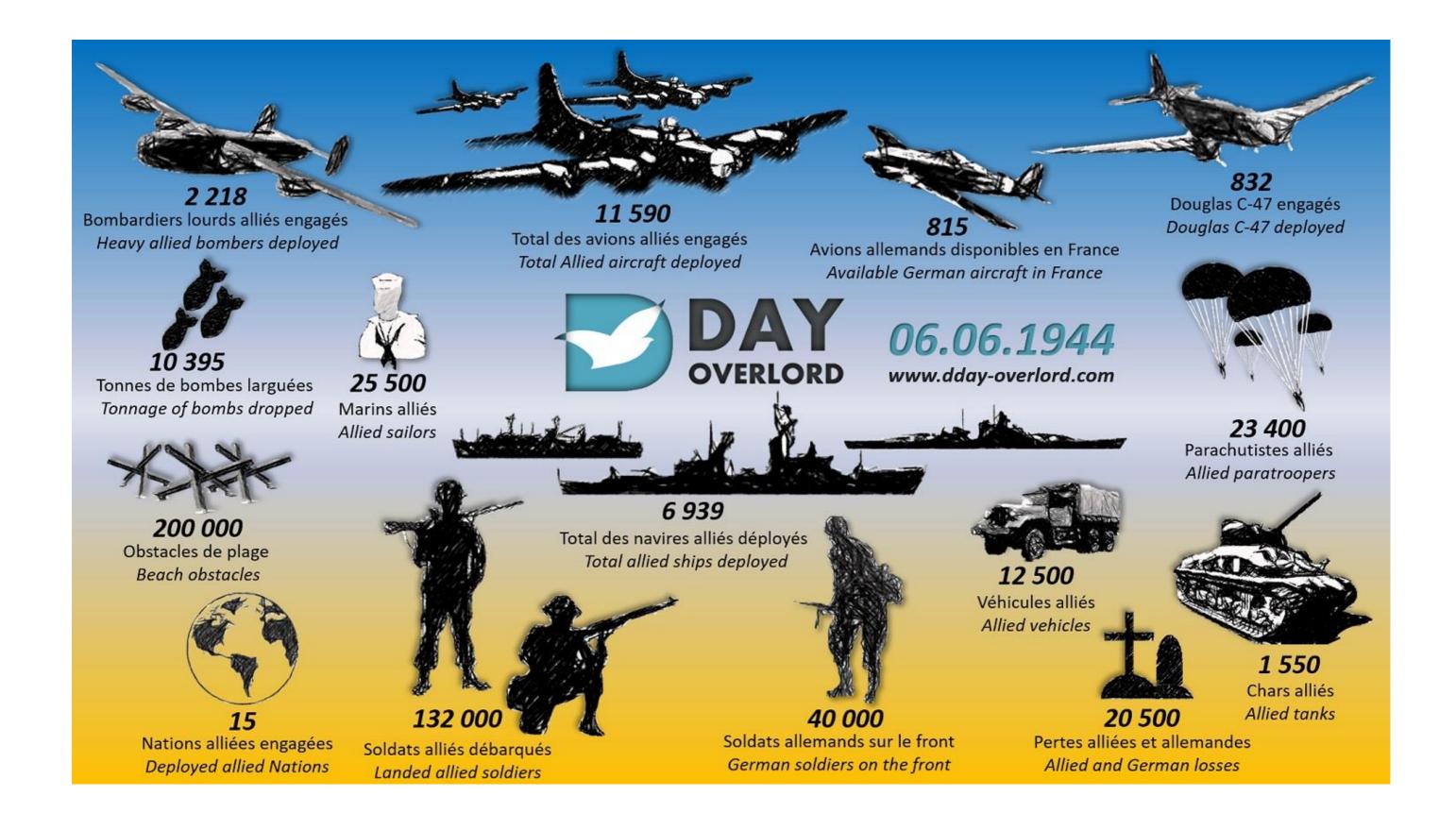
400	Niconale and afficient algebra and according	(0.00   1 4044)
120	Number of allied ships damaged	(6-30 June 1944)

59 Number of allied ships sunk (from 6 to 30 June 1944)

27 Number of American amphibious tanks sunk at Omaha Beach on D-Day

# Missions performed

11,085	Number of missions by the Allied Air Force on 6 June 1944
10,750	Number of Allied Aviation departures during the 24 Hours of D-Day



# **D-DAY TIMELINE**

#### **APRIL 22 1944:**

Allied forces begin Exercise Tiger, a rehearsal for the D-Day invasion

JUNE 06: 6.30am:

**American forces land at Omaha Beach** 

JUNE 06: 7.25am:

# British and Free French forces land at Sword Beach in Operation Overlord

Stretching 8km from Ouistreham to Saint-Aubin-sur-Mer, Sword Beach was the farthest east of the landing points during the operation, and around 15km from Caen. The initial landings were achieved with low casualties, but the British forces ran into heavily defended areas behind the beachhead. These were the only Allied landings that faced attack by German Panzer divisions on 6 June 1944.

JUNE 06: 7.35am:

**British forces land at Gold Beach** 

JUNE 06: 7.55am:

Canadian and British forces land at Juno Beach

JUNE 06: 8.30am:

**Brécourt Manor assault** 

**JUNE 07:** 

# The British forces initiate Operation Perch to capture German-occupied Caen

The intention of Operation Perch was to encircle and seize the German-occupied city of Caen, a major Allied objective in the early stages of the invasion of north-west Europe. Fierce German resistance and miscommunication among the British top-brass inhibited the operation, before its objectives were finally achieved.

#### **JUNE 10:**

# RAF successfully knocks out Panzer Group West's La Caine headquarters

Three days after the Normandy landings, the new location of Panzer Group West's headquarters was revealed to British intelligence, who had deciphered German signals traffic. On 10 June 1944, aircraft of the Second Tactical Air Force bombed the village. The raid was carried out by 40 rocket-armed Typhoons in three waves from low altitude, and by 61 Mitchells, which dropped 500lb bombs from 12,000ft.

#### **JUNE 11:**

# **Battle of Le Mesnilpatry**

#### **JUNE 13:**

## **Battle of Bloody Gulch**

#### **JUNE 13:**

## **Battle of Villers-Bocage**

During Operation Perch, a Brigade group of the 7th Armoured Division attempted to exploit a gap in the German defences to the west of the city. The British bypassed the frontline, and reached the small town of Villers-Bocage, but the Germans had anticipated the thrust and hastily repositioned their reserves to cover their open flank. As the Brigade group advanced beyond the town, it was ambushed by German heavy tanks, which forced the British to abandon Villers-Bocage for a more defensible position. The Brigade group was withdrawn during the night of 14-15 June.

#### **JUNE 23:**

#### **British forces launch Operation Martlet**

## **JUNE 28:**

# **Main attack of Operation Epsom**

Operation Epsom was plagued by bad weather on 26 June, both at the battlefield itself, where rain had made the ground boggy and there was a heavy mist, and over the United Kingdom during the early hours of the morning, resulting in aircraft being grounded and the planned bombing missions being called off. However, No.83 Group RAF, already based in Normandy, were able to provide air support throughout the operation. The 49th (West Riding) Infantry Division resumed Operation Martlet at 0650, although without significant artillery support as this was diverted to the main operation. The Germans were able to slow the British advance, and then launched an armoured counter. This in turn was halted after a strong start, when British armour moved up, and the two sides engaged in a tank battle in the confined terrain. However, informed during the afternoon that a major British offensive was under way further east, SS-Standartenführer Kurt Meyer of 12th SS Panzer called off the counter-attack, and ordered his tank companies to return to their initial positions south of Rauray. During the rest of the day, the 49th Division was able to make progress, halting just north of Rauray.

#### **JULY 10-12:**

# **Operation Jupiter**

## **JULY 18:**

#### **Liberation of Caen**

By the end of D-Day, the allies had achieved their main goal of carving out a beachhead along the Normandy coast. They were then to move inland, with the Canadians and the British pushing south towards Caen. Caen was not to be an easy prize. From 7-12 June, the 3rd Canadian Division would encounter well-led and effective German troops, including an SS Panzer Division. Caen saw intense combat between Allied and Axis forces. British and Canadian forces finally captured the city on 9 July 1944. After the war, rebuilding took 14 years.

#### **JULY 18-20:**

## **Operation Goodwood**

**JULY 19-25:** 

# **Battle of Verrières Ridge**

**JULY 25-27:** 

# **Operation Spring**

#### **AUGUST 07:**

#### Germans launch a counter-attack

Operation Lüttich was intended to break the Allied offensive in Normandy, and allow the Germans to destroy the Allied forces there. The operation was code-named Lüttich (Liège), the point at which Ludendorff had opened the way for the great German march of encirclement across the rear of the French army exactly 30 years before.

#### **AUGUST 14-21:**

# **Operation Tractable**

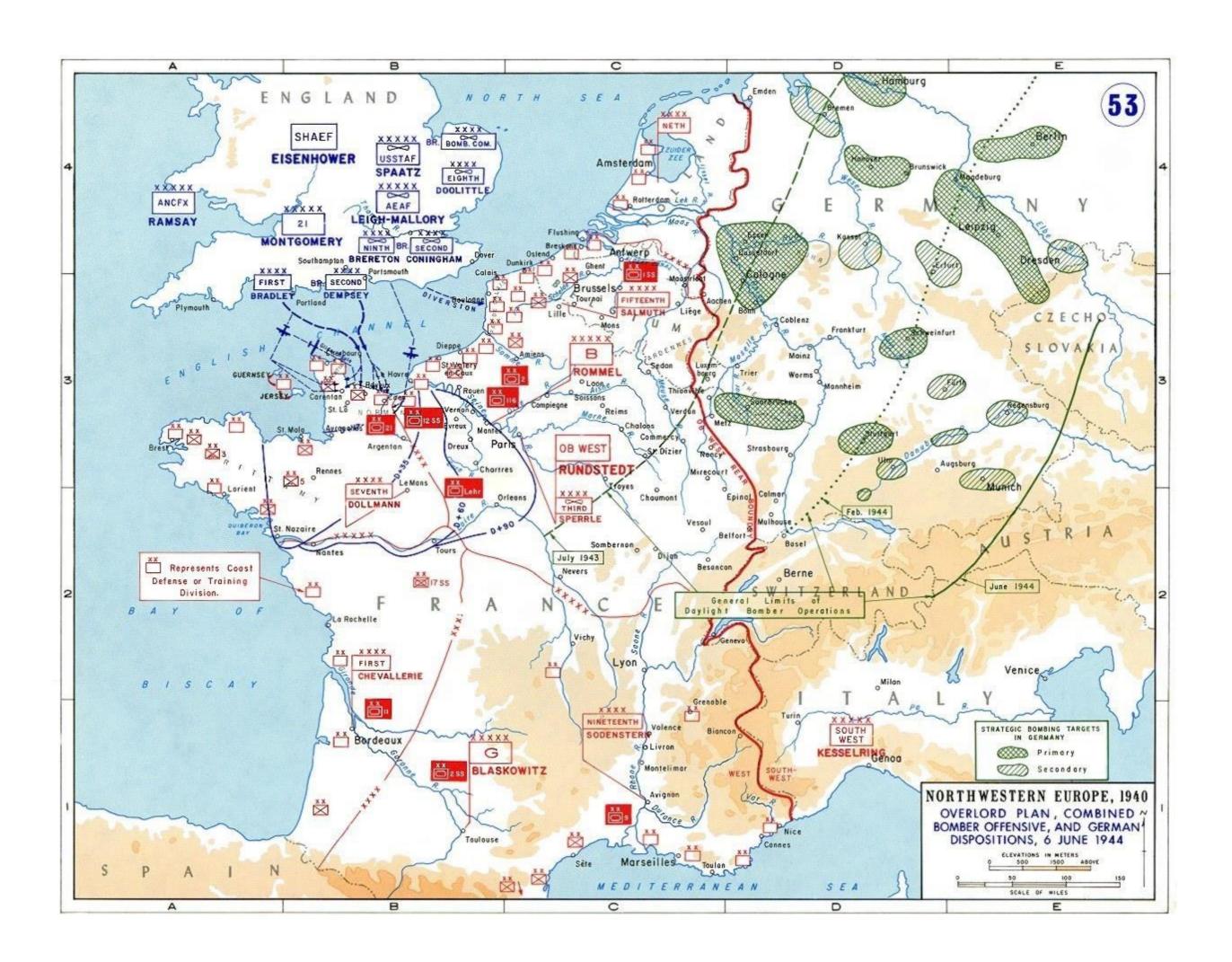
#### **AUGUST 21:**

## German position in Normandy collapses after fierce fighting at Hill 262

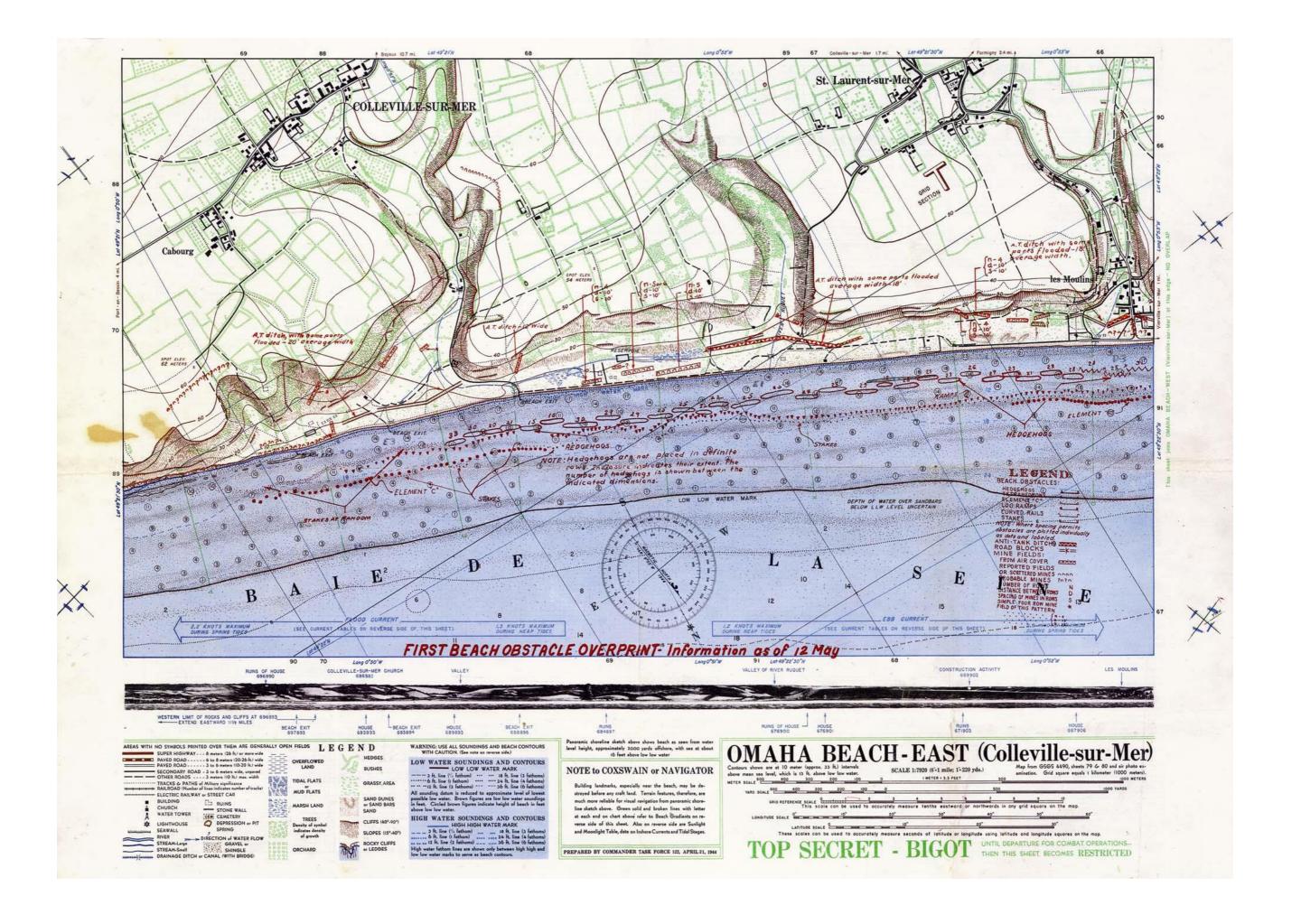
Hill 262 or Mont Ormel Ridge, nicknamed 'The Mace' (elevation 262m), was the location of a pivotal engagement fought as part of the wider battle of the Falaise Pocket during the Normandy campaign. The German Seventh Army had found itself surrounded by the Allies near the town of Falaise, and the Mont Ormel Ridge, with its commanding view of the area, sat astride the Germans' only escape route. Polish forces seized the ridge's northern height on 19 August 1944, and, despite being isolated and coming under sustained attack, held it until noon on 21 August, contributing greatly to the decisive Allied victory that followed.

#### **AUGUST 25:**

#### **Liberation of Paris**







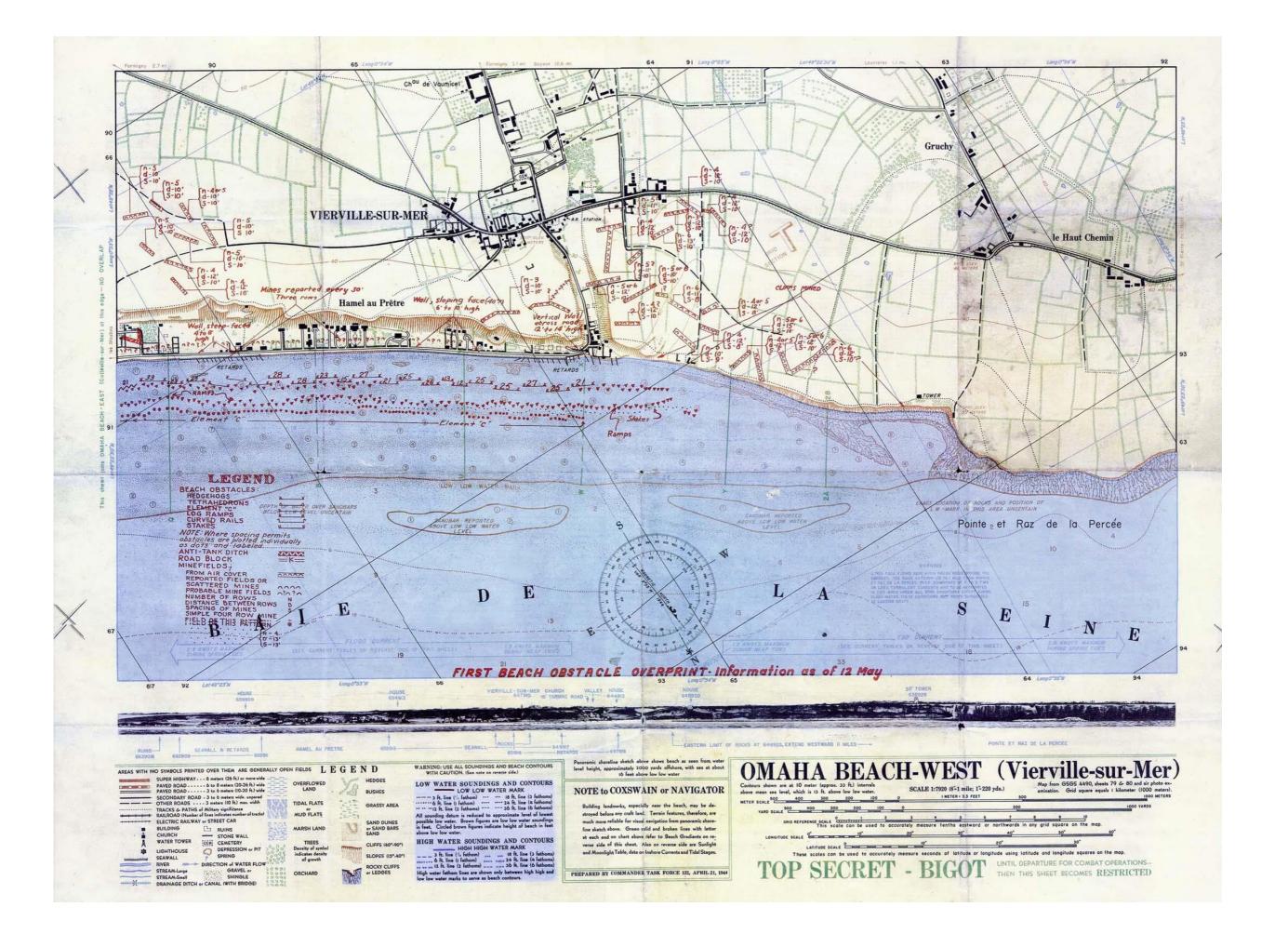
SUNLIGHT AND MOONLIGHT TABLE MAY 25 TO JUNE 21, 1944 0853 0948 1048 1150 1252 1356 1459 1603 1708 1815 1924 2033 2144 2250 2351 0043 0126 0202 0232 0258 0324 0349 0415 0444 0517 0556 0642 0011 0102 0145 0220 0250 0315 0337 0359 0419 0441 0504 0631 0604 0643 0742 0831 0940 1054 1211 1329 1445 1602 1715 1832 1945 2054 2158 2254 MOONSET FIRST LIGHT and LAST LIGHT are here de fined as the beginning and ending respectively of Civil Twilight (Sun 6° below the horizon). BEACH GRADIENTS SECTIONS SHOWN CORRESPOND TO GREEN SOLID AND BROKEN LINES ON REVERSE SIDE OF THIS SHEET IDENTIFIED BY LETTERS . ... -SEAWARD-LINE A-B-LINE C-D -SEAWARD-LINE E-F-OLLW -SEAWARD-LINE I-J-LINE K-L-OLLW HHW<sub>24</sub> 25' SEAWARD-LINE 0-P OLLW AUTION. The vertical scale is Stimes the horizontal scale. HHW on each graph represents approximate highest possible high water. LLW on each graph represents approximate lowest possible low water CURRENTS

The currents in this region are complex and their detailed behavior little known.

In general, they flow entravard along the shore as the tide rises, reach a maximum abouth half dish become lank during high water stand and then reverse, flowing weet-based about half dish become lank during high water stand and then reverse, flowing weet-based and the tide help and the reverse, flowing weet-based and the fields become lank during flow water. Manimum currents are reprinted during uping teless and the fields of the water. The following table to currents have been as the tide falls, again reaching a maximum at about half dish and becoming stack has been complete from all the available information. The listed values have been complete from its and minimum currents are reprinted during uping teless and minimum currents, during neap tides. Maximum currents are reprinted during uping teless and minimum currents, during neap tides. Maximum currents are therefore its office minimum currents, during neap tides. Maximum currents are reprinted form the surface of the minimum currents are reprinted form the surface of the minimum currents are desirable the during the surface of the minimum currents are reprinted during uping tides and the surface of the minimum currents are reprinted during uping tides and the surface of the minimum currents are the surface of the minimum currents are reprinted during uping tides and the surface of the minimum currents are reprinted form and the surface of the minimum currents are reprinted form and the surface of the minimum currents are reprinted form and the surface of the minimum currents are reprinted form and the surface of the minimum currents are reprinted form and the surface of the minimum currents are reprinted form and the surface of the minimum currents are reprinted form and the surface of the minimum currents are reprinted form and the surface of the surface of the minimum current are reprinted form and the surface of the minimum current are reprinted form and the su Example of the Use of the Current Table TIDAL STAGES ALL TIMES SHOWN ARE M.S.T. (G.M.T. PLUS 2 HOURS) (2) ADD the sounding figure to height of up tide. The sum gives the depth of water in feet at the time and place in question. FOR EXAMPLE: At 1000 on June 9th the height of tide is 13 ft. The sounding figure at the point we salect a 15 ft.; 15 ft. plus 15 ft. equals 28 ft. depth. igures at one poors was eastern in 1911; 19 pois 1912, each high high and low low state marks represent points which are sometimes above water. These figures give the reight of the beach in foct above the approximate level of lowest low water. To find he depth of water at any time over these points, proceed as follows: (1) Find the height of the tide in feet at the time in question from the tidal curve (2) SUBTRACT the circled brown figure from the height of tide. The result is the depth of water in feet at the time and place in question. If the circled brown figure is greater than the height of the tide and cannot be subtracted, it means that the point will be above water at this time. that the point will be above water at this time.

FOR EXAMPLE, of 1050 on June 21 the height of tide is 20.5 ft. The basch height figure at the point we selectic 9 ft; 20.5 ft. minus 9 ft. equals 11.5 depth.

The soundings on the high water fathom lines (figures in blue on chart) should not be used to compute pool depth. The high water fathom lines are shown on the chart merely to give an idea of the underwater basch contours between the high high water and low low water marks. | S JUN | 15 JUN | 9 JUN | 16 JUN | 10 JUN | 17 JUN | 11 JUN | 18 JUN | 12 JUN | 19 JUN | 20 JUN | 14 JUN | 21 WARNING ON TIDAL, SOUNDING AND BEACH CONTOUR FIGURES WARNING ON TIDAL SOUNDING AND BEACH CONTOUR FIGURES
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SUNLIGHT AND FIRST LIGHT MOONLIGHT TABLE 0608 0607 0606 0605 0604 0604 0603 0602 0601 0601 0600 0559 0558 0558 0558 0557 MAY 25 TO JUNE 21, 1944 ALL TIMES SHOWN ARE MST (GMT PLUS 2 HOURS) 0833 0948 1048 1150 1252 1356 1459 1603 1708 1815 1924 2033 2144 2250 2351 0043 0126 0202 0232 0258 0324 0349 0415 0444 0517 0556 0642 0011 0102 0145 0220 0250 0315 0337 0359 0419 0441 0504 0537 0604 0643 0742 0831 0940 1054 1211 1329 1445 1602 1715 1832 1945 2054 2158 2254 FIRST LIGHT and LAST LIGHT are here defined as the beginning and ending respectively of Civil Twilight (Sun 6° below the horizon). MOONSET rise and Moonset figures in italic indicate that moonrise and/or moonset occur during daylight, i.e., between FirstLight and Last Light BEACH GRADIENTS SECTIONS SHOWN CORRESPOND TO GREEN SOLID AND BROKEN LINES ON REVERSE SIDE OF THIS SHEET IDENTIFIED BY LETTERS SEAWARD OLLW LINE U-V SEAWARD-VITH SHINGLE. BALANCE OF BEACH IS FIRM SAND. -LINE W-X LINE Y-Z -SEAWARD-Yards725 — CLIFF 95' SEAWARD LINE 2A-2B -600 575 550 525 325 CAUTION. The vertical scale is 5 times the horizontal scale. HHW on each graph represents approximate highest possible high water. LLW on each graph represents approximate lowest possible low water CURRENTS

The currents in this region are complex and their detailed behavior light were stand an one-flight were stand and both this region are complex and their detailed behavior light were stand and such that if they were stand the reverse, when the proposed greateding regions are the tiped of currents and the reverse, when the stand is the complex and their detailed behavior light were stand and enterorised as the depote the stand is such that if they were stand the reverse, when the stand is the complex and their detailed behavior light to search a stand is the region are completed in the stand is the responsible to assume that they be assumed the reverse, when the stand is the responsible to assume that they be assumed that they become theeled being in the proposed greateding points are the tiped to currents above that if they are stand and becoming above the stand in the reverse, flower light were stand and employed greater than the reverse, flower light were stand and employed greater than the reverse, flower light were stand and employed greater than the reverse, flower light were stand and employed greater than the reverse, flower light were stand and employed greater than the reverse, flower light were stand and employed greater than the reverse, flower light were stand and the reverse, flower light ware stand in the reverse of the light ware stand in the reverse of the respective levels of the stand in the reverse of the respective levels of the respectiv Example of the Use of the Current Table TIDAL STAGES ALL TIMES SHOWN ARE M.S.T. (G.M.T. PLUS 2 HOURS) The accompanying tidal curves show the beight of the water at any time above the approximate level of lowest low water. Soundings are shown on the chart in plain become figures (not circled) and they represent depth an assured at lowest low water. To find the depth at these points at any time.

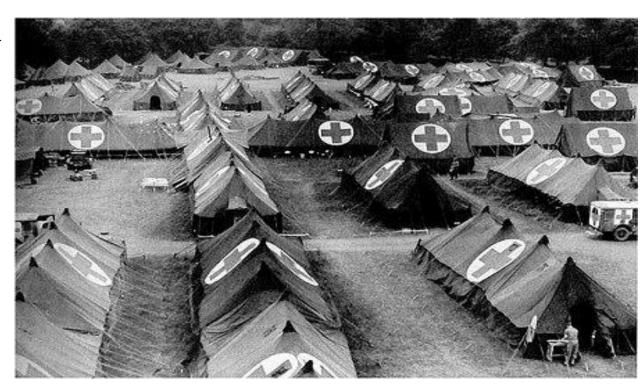
10. Find the height of the tide in feet at the time in question, from the tidal curve. (2) ADD the sounding ffigure to height of the tide. The sum gives the depth of water in feet at the time and place in question.

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# TREATING THE WOUNDED

The death rate was very significantly held down by advances in battle field medical treatment. Medical personnel were brought into the combat area within a few days of D-Day. Facilities were crude and makeshift, with casualty clearing stations erected in large canvas tents.

The development of antibiotics was undoubtedly one of the greatest medical advances of the 20th Century. In 1928 Alexander Fleming first observed that colonies of the bacterium Staphylococcus aureus could be destroyed by the mould Penicillium notatum, proving that there was an antibacterial agent. Fleming set about establishing the identity of the substance that was killing the bacteria, giving it the name 'penicillin'. It was wartime necessity which forced this antibiotic into mainstream use. By 1939, Howard Florey had taken up the study of antibiotics at the William Dunn School of Pathology at Oxford University and in May 1940, carried out the first experiment of penicillin on living creatures. Human trials began in 1941.



A field hospital in Normandy, June 1944

In 1943, the required clinical tests were completed and penicillin was shown to be the most effective antibacterial agent to date. The increasingly obvious value of penicillin in the war effort led the War Production Board (WPB) to take responsibility for increased production of the drug later that year. Penicillin production was quickly scaled up and available in quantity to treat Allied soldiers wounded on D-Day. As production was increased, the price dropped from nearly priceless in 1940, to \$20 per dose in July 1943, to \$0.55 per dose by 1946.

#### Marie Page - Queen Alexandra's Royal Army Nursing Corps

"We were all well trained in the use of penicillin; it was so new. Battle injuries were so severe, sometimes we were just pouring the penicillin into open wounds."

#### Vera Hay - Queen Alexandra's Royal Army Nursing Corps

"The Penicillin we used was in its granular form, looking like brown Demerara sugar. It was necessary to dissolve it in sterile water so it could be injected every two hours to counter bacterial infection. There were plenty of really serious injuries and amputations so we were using huge quantities. The casualty clearing tent were I worked was really quite a size. Stretchers would typically be brought in 25 at a time, so we had two sections of 25 on each side, making a total of 100 men. There was constant movement of stretcher cases; newly injured coming in, and treated cases being moved down to the beach head for the journey back to England. With that quantity of soldiers to treat, we just worked until we dropped. People ask how we kept going, but we just did. There was a critical job to do."

There is no doubt that thousands of allied lives were saved during Operation Overlord and the Normandy Campaign which followed as a result of this super drug. This new antibiotic was used extensively for military patients who had undergone amputation and other major operations, or had extensive wounds. QAs would administer penicillin every three hours and often would no sooner finish one drug round of penicillin injections than they would have to start all over again. Although time consuming, there was no doubt of penicillin's effectiveness. Queen Alexandra nurses and medical officers were estimated to have saved up to 15% of lives with penicillin.

Fleming, Florey and Chain were jointly awarded the Nobel Prize for physiology or medicine in 1945, recognising the tremendous contribution of penicillin to human welfare.

