

**SATURDAY 10 NOVEMBER 2012**

**SAT 19:00 Pavlopetri - The City Beneath the Waves (b015yh6f)**

Just off the southern coast of mainland Greece lies the oldest submerged city in the world. It thrived for 2,000 years during the time that saw the birth of western civilisation.

An international team of experts uses cutting-edge technology to prise age-old secrets from the complex of streets and stone buildings that lie less than five metres below the surface of the ocean. State-of-the-art CGI helps to raise the city from the seabed, revealing for the first time in 3,500 years how Pavlopetri would once have looked and operated.

Underwater archaeologist Dr Jon Henderson leads the project in collaboration with Nic Flemming, the man whose hunch led to the discovery of Pavlopetri in 1967, and a team from the Hellenic Ministry of Culture. Working alongside the archaeologists are a team from the Australian Centre for Field Robotics.

The teams scour the ocean floor, looking for artefacts. The site is littered with thousands of fragments, each providing valuable clues about the everyday lives of the people of Pavlopetri. From the buildings to the trade goods to the everyday tableware, each artefact provides a window into a forgotten world.

Together these precious relics provide us with a window to a time when Pavlopetri would have been at its height, showing us what life was like in this distant age and revealing how this city marks the start of western civilisation.

**SAT 20:00 Shock and Awe: The Story of Electricity (p00kjq6h)**

Spark

Professor Jim Al-Khalili tells the electrifying story of our quest to master nature's most mysterious force - electricity. Until fairly recently, electricity was seen as a magical power, but it is now the lifeblood of the modern world and underpins every aspect of our technological advancements.

Without electricity, we would be lost. This series tells of dazzling leaps of imagination and extraordinary experiments - a story of maverick geniuses who used electricity to light our cities, to communicate across the seas and through the air, to create modern industry and to give us the digital revolution.

Episode one tells the story of the very first 'natural philosophers' who started to unlock the mysteries of electricity. They studied its curious link to life, built strange and powerful instruments to create it and even tamed lightning itself. It was these men who truly laid the foundations of the modern world. Electricity was without doubt a fantastical wonder. This is the story about what happened when the first real concerted effort was made to understand electricity - how we learned to create and store it, before finally creating something that enabled us to make it at will - the battery.

**SAT 21:00 Inspector Montalbano (b01invqr)**

Treasure Hunt

An elderly couple, both religious fanatics, barricade themselves in their home and begin shooting from the windows for no apparent reason, until Montalbano's men finally succeed in disarming them.

There seems to be no justification for the couple's insane actions, but police find a strangely disfigured inflatable doll inside their home. A few days later, an identical doll is discovered in a rubbish bin and Montalbano has a bad premonition.

Soon enough, a series of strange occurrences develops - disquieting letters bearing riddles are delivered to Montalbano at Vigata police station, while a young woman is reported missing. A disturbed maniac is playing a macabre game of treasure hunt with the inspector and the riddle must be solved before it's too late.

In Italian with English subtitles.

**SAT 22:40 Nigel Slater: Life Is Sweets (p00y4hd1)**

Chocolate limes, buttered brazils, sherbert dib-dabs and marshmallows. Food writer Nigel Slater charts the origins of British sweets and chocolates from medicinal, medieval boiled sweets to the chocolate bars that line the supermarket shelves today.

With adverts of the sweets everyone remembers and loves, this nostalgic, emotional and heartwarming journey transports Nigel back to his childhood by the powerful resonance of the sweets he used to buy with his pocket money. Nigel recalls the curiously small toffee that inspired him to write his memoir, the marshmallow, which he associates with his mother, and the

travel sweet, which conjures up memories of his father. He marvels at the power of something as incidental as a sweet to reveal emotions, character and the past.

**SAT 23:40 Do We Really Need the Moon? (b00yb5jp)**

The moon is such a familiar presence in the sky that most of us take it for granted. But what if it wasn't where it is now? How would that affect life on Earth?

Space scientist and lunar fanatic Dr Maggie Aderin-Pocock explores our intimate relationship with the moon. Besides orchestrating the tides, the moon dictates the length of a day, the rhythm of the seasons and the very stability of our planet.

Yet the moon is always on the move. In the past, it was closer to the Earth and in the future it will be farther away. That it is now perfectly placed to sustain life is pure luck, a cosmic coincidence. Using computer graphics to summon up great tides and set the Earth spinning on its side, Aderin-Pocock implores us to look at the Moon afresh: to see it not as an inert rock, but as a key player in the story of our planet, past, present and future.

**SAT 00:40 The Sky at Night (b08tg3qf)**

The Story of Stuff

Sir Patrick Moore, Dr Chris Lintott and Dr Chris North find out what the universe is made of, from the 'dark matter' that shapes our galaxies to the infinitesimally small particles that make up atoms. Pete Lawrence and Paul Abel show how to use a planisphere as a guide to the night sky and what objects can be ticked off on the 'Moore Winter Marathon'.

**SAT 01:10 Shock and Awe: The Story of Electricity (p00kjq6h)**

[Repeat of broadcast at 20:00 today]

**SAT 02:10 Pavlopetri - The City Beneath the Waves (b015yh6f)**

[Repeat of broadcast at 19:00 today]

**SUNDAY 11 NOVEMBER 2012**

**SUN 19:00 Apples: British to the Core (b011wz53)**

Horticulturalist Chris Beardshaw uncovers the British contribution to the history of our most iconic fruit. He reveals the 'golden age', when the passion and dedication of Victorian gardeners gave us more varieties than anywhere else in the world. Chris also finds out how the remarkable ingenuity of a small group of 20th-century British scientists helped create the modern mass-market apple.

**SUN 20:00 Michael Wood: The Story of India (b007yzd0)**

Ages of Gold

Documentary series about the history of India. Presenter Michael Wood seeks out the achievements of the country's golden age, discovering how India discovered zero, calculated the circumference of the Earth and wrote the world's first sex guide, the Kama Sutra. In the south, he visits the giant temple of Tanjore and sees traditional bronze casters, working as their ancestors did 1,000 years ago.

**SUN 21:00 Legends (b00fvz3y)**

Roy Orbison - The 'Big O' in Britain

Roy Orbison was the best singer in the world. That's what Elvis Presley said, and he should know.

To mark the 20th anniversary of Orbison's death, this programme celebrates the extraordinary talent of 'The Big O' and his relationship with his most loyal and enduring fans, British musicians and the British public. Through a combination of interview and archive, it charts Orbison's career in Britain, from the sell-out tour with the Beatles that sky-rocketed him to international superstardom, right up to the collaboration with lifelong friend George Harrison on the Travelling Wilburys project in the late 1980s. Effortlessly cool, musically sophisticated, Orbison was a rock and roll legend, whose legacy continues to captivate both the listeners and performers of today.

**SUN 22:00 Horror Europa: The Bird with the Crystal Plumage (b01ny2yq)**

An American writer living in Rome witnesses an attempted murder and is gradually drawn into the case - which he soon realises is not what it seems.

**SUN 23:35 Michael Wood: The Story of India (b007yzd0)**

[Repeat of broadcast at 20:00 today]

**SUN 00:35 Queens of British Pop (b00jnftm)**

Episode 1

Queens of British Pop and narrator Liza Tarbuck offer a celebration of six female pop stars, singers and icons that lit us up from the early 60s to the late 70s.

Programme one tells the story of Dusty Springfield, Sandie Shaw, Marianne Faithfull, Suzi Quatro, Siouxsie Sioux and Kate Bush - some of the female artists that emerged alongside some of Britain's defining musical movements, from the swinging sixties through to glam rock and punk.

The programme gives an insight into the lives of these top female artists, offering first-hand or eyewitness accounts of the highs, the lows and the obstacles they had to overcome. The selected artists have pushed boundaries, played around with gender roles and had their private lives overshadow their success, but it is their experiences that have helped change the face of British pop as we know it today.

Includes new interviews with Sandie Shaw, Marianne Faithfull, Suzi Quatro, Siouxsie Sioux and contributions from Tom Jones, Lulu, Burt Bacharach, John Lydon, Martha Reeves, Nancy Sinatra, Mark Radcliffe, Henry Winkler, Marc Almond, Peter Gabriel, Claire Grogan, Jarvis Cocker, Kiki Dee, Nigel Havers, Lily Allen and Adele, to name but a few.

**SUN 01:40 Songs of Sandy Denny at the Barbican (b01mrp49)**

Filmed at the Barbican in London, this tribute concert to the singer-songwriter Sandy Denny spans her career with Fairport Convention, Fotheringay and as a solo artist. Her most famous song, 'Who Knows Where the Time Goes', has been covered by everyone from Judy Collins to Nina Simone, but when she died in 1978 aged 31, Sandy left behind a rich songbook and here an eclectic cast from the folk world and beyond set out to explore and reinterpret it.

English folk queen and Sandy contemporary Maddy Prior performs the menacing John the Gun and the courtly Fotheringay. Veteran Sandy cohorts are represented by Fotheringay and Fairport guitarist Jerry Donahue and fiddler extraordinaire Dave Swarbrick. Fine young troubadours Sam Carter and Blair Dunlop - son of Fairport's Ashley Hutchings - show the tradition is in safe hands.

With a house band featuring members of Bellowhead, the line-up also includes former Scritti Politti singer Green Gartside, Joan Wasser aka Joan as Policewoman (with a heartbreaking No More Sad Refrains), Trembling Bells singer Lavinia Blackwall and American soul singer PP Arnold (with a roof-raising Take Me Away), plus Thea Gilmore, who was asked by Sandy's estate to put some of her unset lyrics to music.

The performances on stage are interspersed with interviews and behind-the-scenes footage that shed light on how the concert came together, plus rare archive of Sandy herself. The show is evidence that, even without the magic of her singing voice, the songs still shine.

**MONDAY 12 NOVEMBER 2012**

**MON 19:00 World News Today (b01nvsvx)**

The latest national and international news, exploring the day's events from a global perspective.

**MON 19:30 Timothy Spall: All at Sea (b01ct52j)**

Message in a Bottle

Timothy Spall and his wife Shane are back on board their beloved barge the Princess Matilda as they conclude their trip around the British coast.

Tim takes on Rattray Head in the face of a huge storm. This is the equivalent of Land's End for Scotland and the point where they head south for the first time. The North Sea soon becomes the new enemy as he and Shane struggle to cope with this unrelenting force of nature.

On land they find wonderful Scottish towns - Peterhead, Eyemouth and Stonehaven - but it is the town of Banff that resonates most. They fall in love with it and are sad to leave it behind as they pursue their odyssey of circumnavigating Britain. At the end of the episode, they eventually reach the English sea border, where they launch a message in a bottle.

**MON 20:00 Nature's Microworlds (b0114906)**

Serengeti

A look at one of the most famous habitats on the planet, the

Serengeti in east Africa, a vast grassland that is home to some of the greatest concentrations of herbivores on the continent. But what is the key to this exceptional grassland that allows such density and diversity?

**MON 20:30 Only Connect (b01nvw01)**  
Specials

Children in Need Special: Goldfingers vs Fowls

Victoria Coren hosts a very special celebrity edition of the quiz where knowledge will only take you so far, and patience and lateral thinking are also vital. In this Pudsey Special, two teams of clever celebrities prepare to lose their dignity in honour of Children in Need. The cunning wives of the Goldfingers (Charlie Higson, Daisy Goodwin and Matthew Parris) take on the combined brains of the Fowls (Rosie Boycott, Richard Osman and Clarke Carlisle). So join Victoria if you want to know what connects Mark Antony, Henry VIII, Sir Sidney Ruff-Diamond and the Black Fingernail.

**MON 21:00 The First Master Chef: Michel Roux on Escoffier (p00ypy02)**

Michel Roux Jr explores the life and influence of his great culinary hero, Georges Auguste Escoffier - the man who turned eating into dining. The first great restaurant chef, Escoffier established restaurants in grand hotels all over the world and in these centres of luxury and decadence the world's most glamorous figures of the day would mix - actresses and princes, duchesses and opera singers. Catering to this international jet set, Escoffier produced fabulous dishes that combined luxury and theatricality, elevating restaurant food to an art form.

Escoffier was born the humble son of a Provençal blacksmith, but at 13 began working in a restaurant kitchen. In the 19th century they were infernal, coal-fired, unventilated places and chefs had a shorter life expectancy than even coal miners. As Escoffier worked his way up the career ladder, he dedicated himself to improving the lot of his staff - from banning alcohol and swearing in his kitchens to buying smart clothes for young chefs who couldn't afford them. He always told his staff to 'dress like you are somebody, his great-grandson Michel Escoffier tells Roux as they have lunch in an original 19th century Parisian dining room.

Escoffier really made his name when he and partner Cesar Ritz came to London to run the brand new Savoy Hotel at the request of Richard D'Oyly Carte. In a time of untold luxury and decadence, when money and pleasure combined like never before, he cooked and named dishes for all of London's society - from Queen Victoria and Bertie, the fun-loving Prince of Wales, to the most glamorous entertainers of the day such as Oscar Wilde, actress Sarah Bernhardt and opera singer Nellie Melba. 125 years later, Michel joins historian Kate Williams to enjoy a delicious peach melba in the Savoy and discover how the Victorian British were convinced that eating out was the thing to do - until Escoffier and Ritz, 'nice' women would never have been seen eating in public.

But there's a dark secret, one that Michel has heard of but never wanted to believe - that after eight years Escoffier was fired from the Savoy for being on the fiddle. Food journalist Paul Levy, who first published the accusations, tells all.

As well as delving into the history of his hero, Michel also explores the palpable influence that Escoffier has on all our lives today. Whenever we step into a restaurant and order a meal it's his traditions, systems and skills at work - the a la carte menu, the prix fixe, the organisation of the kitchen and the way a dining room is decorated - and it's for that reason that Michel, one of this country's most celebrated and favourite chefs, says that he owes his whole career to Escoffier.

Along the way we witness some of his most delicious dishes and we see the evolution of one of Michel's own creations, as he explores one of Escoffier's most basic recipes and turns it into a Michelin-starred 21st-century dish.

**MON 22:00 Storyville (b01nvw05)**

The Chef Who Conquered New York: Serving Up Paul Liebrandt

Storyville takes an intimate look at the driven and talented British celebrity chef, Paul Liebrandt, who at 24 was the youngest chef to be awarded three stars by the New York Times. His controversial and hyper-modern dishes have meant that he soon became a chef whom critics loved or loved to hate. The film follows Liebrandt for over a decade as he rose to the peaks of success in the cutthroat world of haute cuisine in New York City. Exploring the complicated relationships between food critics, chefs and restaurant owners, the film delves into the life of an uncompromising, thought-provoking young chef ahead of his time.

**MON 23:10 Fish! A Japanese Obsession (b00jdw5k)**

Charles Rangeley Wilson, author, journalist and BBC 2's Accidental Angler, travels to Japan to explore the Japanese people's passionate relationship to fish.

Of all the island nations on Earth, there is, perhaps, none quite so obsessed by fish as Japan. Whether for food or entertainment, fish are at the very core of Japanese identity. From their reverential love of jewel-like koi to the seemingly barbaric world of scientific whaling via the submarine ballet of the drive hunt, there are few corners of Japanese culture that have not been shaped by reference to fish.

Trying to comprehend this 'alien' culture, Charles embarks on a six-week odyssey through Japan, determined to use his love of fish and fishing as the common point of interest between himself and those he meets along the way. Since he loves fish possibly even more than the Japanese, they must have plenty in common...

**MON 00:40 Timothy Spall: All at Sea (b01c152j)**  
[Repeat of broadcast at 19:30 today]

**MON 01:10 Nature's Microworlds (b0114906)**  
[Repeat of broadcast at 20:00 today]

**MON 01:40 Only Connect (b01nvw01)**  
[Repeat of broadcast at 20:30 today]

**MON 02:10 The First Master Chef: Michel Roux on Escoffier (p00ypy02)**  
[Repeat of broadcast at 21:00 today]

## TUESDAY 13 NOVEMBER 2012

**TUE 19:00 World News Today (b01nvsg2)**

The latest national and international news, exploring the day's events from a global perspective.

**TUE 19:30 Timothy Spall: All at Sea (b01c1qptf)**  
Stags by the Sea

Timothy Spall and his wife Shane are back on board their beloved barge the Princess Matilda as they conclude their trip around the British coast.

The Spalls visit Northumberland, Newcastle and Hartlepool. Starting in Amble and the neighbouring town of Warkworth, Tim and Shane are in awe of this historic part of England as they visit the beautiful Church of St Lawrence and Warkworth Castle. In Amble, Tim meets a young sailor circumnavigating Britain in the opposite direction who, like Tim, was inspired to take to the sea after surviving leukaemia.

Next stop is Newcastle-upon-Tyne, a place he is truly fond of as he has been welcomed there ever since he played Barry in *Auf Wiedersehen, Pet*. Along the way he meets actress Melanie Hill, who played Barry's first wife Hazel. Tim says that most of Britain saw Barry as a 'bit of a radish, a pramnet', but that the Geordies thought of him as a 'sensitive character' and have always made him welcome. He takes us on a tour of his favourite places in the city.

After Newcastle it's on to Hartlepool, which Tim discovers translates to 'Stags by the Sea'. They soon find themselves trapped there after dramatically aborting a journey to Whitby whilst at sea. The North Sea once again reminds us that it's not to be messed with.

**TUE 20:00 Canal Walks with Julia Bradbury (b010v7kx)**  
The Caledonian Canal

Seasoned stomper Julia Bradbury dons her walking boots once again and this time she is exploring her own British backyard, travelling along the country's network of canals and their accompanying towpath trails. This sees her navigating Highland glens, rolling countryside and river valleys, as well as our industrial heartlands, following these magical waterways as they cut a sedate path through some of the country's finest scenery.

Julia kicks off her tour with a visit to the Scottish Highlands. Against the stunning backdrop of Ben Nevis, her walk starts near Fort William where she embarks on her eight-mile trip along the Caledonian Canal, the majestic waterway that cuts through beautiful mountain country and is regarded as one of the most ambitious canals of its time. Julia's journey tells the story of one of the greatest canal engineers, Thomas Telford, whose ambition was to create not only an engineering marvel, but also badly needed jobs and wealth for the Highlands. Two hundred years on, it is now one of the most popular walking trails in the country.

**TUE 20:30 Britain on Film (b01nvwmq)**  
Series 1

Brits at Play

In 1959 Britain's biggest cinema company, the Rank Organisation, decided to replace its newsreels with a series of short, quirky, topical documentaries that examined all aspects of life in Britain. For the next ten years, Look at Life chronicled the changing face of British society, industry and culture, all on high-grade 35mm colour film. Britain on Film draws upon the 500 films in this unique archive to offer illuminating and often surprising insights into what became a pivotal decade in modern British history.

This episode looks at the films that recorded one of the great boom industries of the 1960s, the leisure industry. Having left behind the austerity of the immediate post-war period, Britain's increasingly affluent population took full advantage of the new leisure opportunities that made affordable newly-emerging recreational activities at home - as well as exciting holiday adventures abroad.

**TUE 21:00 Chateau Chunder: When Australian Wine Changed the World (b01nvwpq)**

It's the 1970s and Australian wine is a joke - not for drinking, as Monty Python put it, but for 'laying down and avoiding'. The idea that a wine made Down Under could ever challenge the august products of Burgundy or Tuscany has wine buffs and snobby sommeliers sniggering into their tasting spoons. But little more than 40 years later, Australian winemaking is leading the world. London merchants sell more wine from Australia than from any other country, while the chastened French wine industry reluctantly take note of how modern winemaking - and wine marketing - is really done.

Chateau Chunder is both a social history of wine and wine drinking and an in-depth examination of how a small group of enterprising Australian winemakers took on the world and won, changing the way that wine is made and marketed.

With humour and insight, this documentary features winemakers, marketers, merchants, critics and drinkers including Bruce Tyrrell, James Halliday, Max Allen (Australian wine critics), Chris Hancock (Rosemount), Sir Les Patterson (Cultural Attaché to Australia, a comical creation of Barry Humphries), Robert Parker (US wine critic), Oz Clarke and Jancis Robinson (UK wine critics).

The starting point is the famous Python sketch - 'This is a bottle with a message, and the message is 'beware'. This is not a wine for drinking, this is a wine for laying down and avoiding'. And it was true. The idea that Australia could be a world class wine-making nation was a joke.

The documentary offers insightful detail on the nuts and bolts of the business and the way the Australians realised that the mid-price mass market needed labels that people could understand, good value, consistent quality (never the French way) and, most of all, some great branding. They pioneered the idea of selling wine by grape variety and colourful labels (Barramundi, Kanga Rouge, Wallaby White etc) rather than by the ancient and baffling classification systems of Europe. Cunningly, they also invented blind-tasting - wrapping French and Australian wines in brown paper bags, so the wines could be tasted without prejudice.

**TUE 22:00 Clarissa and the King's Cookbook (b00b6vl6)**

We Brits love our cookbooks - every year we buy millions of them and treat our celebrity chefs like royalty. But where did it all begin? Self-confessed medieval foodie Clarissa Dickson Wright tracks down Britain's oldest known cookbook, *The Forme of Cury*. This 700-year-old scroll was written during the reign of King Richard II from recipes created by the king's master chefs. How this ancient manuscript influenced the way people eat today? On her culinary journey through medieval history she reawakens recipes that have lain dormant for centuries and discovers dishes that are still prepared now.

**TUE 22:30 Jerusalem on a Plate (b017znj9)**

Internationally-renowned chef Yotam Ottolenghi returns to his home town of Jerusalem to discover the hidden treasures of its extraordinarily rich and diverse food culture. He meets and cooks with both Arabs and Jews in restaurants and at home who draw on hundreds of years of tradition to create the dishes that define the city, and explores the flavours and recipes that have influenced his palate. From the humble street foods of hummus and falafel to the cutting edge of Jerusalem cuisine, Yotam uncovers the essence of what makes the food of Jerusalem so great.

Starting in the Old City, Yotam samples the Palestinian fast foods like falafel and hummus that he remembers from his childhood. This is the food that has been feeding the throngs of pilgrims who have visited the city for centuries - loved alike by Jew, Arab and Christian. In the west of the city, Yotam

discovers how waves of immigration from the Jewish diaspora from such varying origins as Poland, Hungary, Morocco and Turkey have each brought with them a different flavour, ingredient or technique that adds to the ever-evolving Jerusalem cuisine, keeping it fresh, varied and exciting. Here he eats stuffed aubergine with cinnamon, tries fiery zhoug from Yemen and learns how to make kibbeh soup, a staple of the Sephardic Jewish kitchen.

In both Arab and Jewish homes he discovers the family recipes that have been passed down through generations - recipes such as kollage, a sweet sheep's cheese pastry, or swiss chard with cracked wheat and pomegranate molasses. Finally, he visits some of Jerusalem's trailblazing chefs, discovering how modern Jerusalem cuisine is drawing from all of these influences to create food that is both locally sourced and true to its culinary roots, and at the same time truly innovative. Collaborating with these chefs in the kitchens, Yotam adds his own distinctive flair to the dishes they create.

Through Yotam's eyes we are given an insight into the depth and breadth of the food of Jerusalem and how it is still changing and evolving. Much has changed since his childhood in Jerusalem, and politics is never far away, but Yotam finds that food is sometimes the one area where the different communities can come together.

**TUE 23:30 Inspector Montalbano (b01nvqr)**  
[Repeat of broadcast at 21:00 on Saturday]

**TUE 01:10 Britain on Film (b01nvqm)**  
[Repeat of broadcast at 20:30 today]

**TUE 01:40 Chateau Chunder: When Australian Wine Changed the World (b01nvwp)**  
[Repeat of broadcast at 21:00 today]

**TUE 02:40 Clarissa and the King's Cookbook (b006vl6)**  
[Repeat of broadcast at 22:00 today]

**WEDNESDAY 14 NOVEMBER 2012**

**WED 19:00 World News Today (b01nvsg7)**  
The latest national and international news, exploring the day's events from a global perspective.

**WED 19:30 Timothy Spall: All at Sea (b01d24tt)**  
God's Own Coast

The Spalls are now in Yorkshire, and had been proudly steaming towards their final destination of London. But on the sea while travelling to Whitby, Tim is deeply troubled by strange engine noises. A failed engine at sea is incredibly dangerous so an engineer is called to Whitby to assess the problem. Tim is keen to see the town as this is where Bram Stoker based the opening of his novel, Dracula. Armed with his treasured antique walking cane, once owned by Stoker, Tim finds the hotel where Stoker stayed and looks for the part of the coastline featured in the novel.

Next is Scarborough, where Tim filmed The Damned United. It's high summer and Britain's first seaside resort is crammed with holidaymakers. Arriving at Spurn Head they are now completely alone - there's no harbour or marina here, no town or access to land. They are moored to a single buoy owned by the local lifeboat crew and are waiting patiently for the perfect sea conditions to take them out of the north of England and into the south. It's a big journey - as well as the North Sea they have to watch out for heavy sea traffic, the turbulence of the Wash and dangerous sandbanks.

In the dark of night arriving at the north Norfolk coast, a pilot boat guides them into the port of Wells-next-the-Sea. They soon discover it's a trip worth making as they explore this stunning coastline.

**WED 20:00 Britain's Best Drives (b00j8cpm)**  
The Wye Valley and Forest of Dean

Actor Richard Wilson takes a journey into the past, following routes raved about in motoring guides of 50 years ago.

Using an Austin Cambridge to explore an area that claims to be the birthplace of British tourism, Richard learns about life before the Severn Bridge, finds out why thousands of tourists flocked to the Wye Valley in search of the 'picturesque' and discovers how ancient customs are still practised in the medieval Forest of Dean, with his trip culminating at a renowned viewpoint.

**WED 20:30 Tales from the Wild Wood (b01nvwr0)**  
Episode 5

As summer arrives, the pressure is on Rob Penn to turn labour into profit in Strawberry Cottage Wood. He dips his toes into the beanpole industry before learning how to make charcoal. With his costs spiralling, he needs to find a market for his product and convince people that UK charcoal can compete with products imported from abroad.

**WED 21:00 Breakfast, Lunch and Dinner (b01nvwr2)**  
Lunch

In the second part of her latest culinary adventure, Clarissa Dickson Wright investigates the history of lunch, a meal that we now eat in a speedy average of **12.49** minutes. But 300 years ago lunch didn't exist at all - for centuries our daytime meal was called, as it still is in some parts of the country, dinner, a long-standing confusion that Clarissa attempts to unravel.

Lunch is the workhorse meal of the day and the story of its origins and evolution is really a history of our working lives across the centuries. Medieval farm labourers used to sit down to eat as early as **10am**, but they had been toiling in the fields since daybreak. As she tucks into some of the dishes of the day, Clarissa explodes some common myths about our ancestors and their eating habits. Not all their fish was salted and people didn't eat rotten meat flavoured with spices, but they certainly did eat vegetables - and, back then, carrots were purple.

Moving forward through history, Clarissa tries a 17th-century recipe for venison that was a favourite of the diarist Samuel Pepys and discovers that the long business lunch of the 1980s already existed in the 1660s. By Victorian times, office workers were sitting down to steaming hot plates of mutton chops and oxtail stew in a chophouse, and Clarissa calls in to one of the last surviving examples in the City of London.

However, it is the Earl of Sandwich's famous convenience food invention from the 1750s that has come to dominate our modern lunchtime menu. All the same, the ubiquitous sandwich can still be an opportunity for creativity and inventiveness, and as she comes towards the end of her journey through history, Clarissa meets Britain's most celebrated sandwich designer and samples his most stunning original creation, which has been officially declared to be the world's greatest sandwich.

**WED 22:00 Getting On (b01nvwr4)**  
Series 3

Episode 5

A few days have passed and the stormclouds have continued to gather. Damaris has gone, Megan is angry, Den is playing games and Mrs Dethick is back on the ward.

On a positive note, Hansley has turned out to be something of a star turn and the Vag-At is going from strength to strength - at least it was, until a mix up with the oncology Christmas card competition leads to complications. A delicate situation needs careful handling, as a funny turn with the coma patient has unexpected consequences.

Back on Red Bay, there's bad news for Mrs Dethick and a bittersweet moment as Pippa again defuses a tricky situation and still finds time to settle up with Hansley.

**WED 22:30 Pavlopetri - The City Beneath the Waves (b015yh6f)**  
[Repeat of broadcast at 19:00 on Saturday]

**WED 23:30 Apples: British to the Core (b011wz53)**  
[Repeat of broadcast at 19:00 on Sunday]

**WED 00:30 Britain's Best Drives (b00j8cpm)**  
[Repeat of broadcast at 20:00 today]

**WED 01:00 Tales from the Wild Wood (b01nvwr0)**  
[Repeat of broadcast at 20:30 today]

**WED 01:30 Getting On (b01nvwr4)**  
[Repeat of broadcast at 22:00 today]

**WED 02:00 Breakfast, Lunch and Dinner (b01nvwr2)**  
[Repeat of broadcast at 21:00 today]

**THURSDAY 15 NOVEMBER 2012**

**THU 19:00 World News Today (b01nvsgd)**

The latest national and international news, exploring the day's events from a global perspective.

**THU 19:30 Top of the Pops (b01nzcc9)**  
27/10/77

David 'Kid' Jensen looks at the weekly pop chart from 1977 and introduces Slade, Mary Mason, Darts, Boney M, the Tom Robinson Band, Smokey Robinson, Rod Stewart, Abba, Baccara and a Legs & Co dance sequence.

**THU 20:00 Shock and Awe: The Story of Electricity (p00kjqch)**  
The Age of Invention

Professor Jim Al-Khalili tells the electrifying story of our quest to master nature's most mysterious force - electricity. Until fairly recently, electricity was seen as a magical power, but it is now the lifeblood of the modern world and underpins every aspect of our technological advancements.

Without electricity, we would be lost. This series tells of dazzling leaps of imagination and extraordinary experiments - a story of maverick geniuses who used electricity to light our cities, to communicate across the seas and through the air, to create modern industry and to give us the digital revolution.

Just under 200 years ago scientists discovered something profound, that electricity is connected to another of nature's most fundamental forces - magnetism. In the second episode, Jim discovers how harnessing the link between magnetism and electricity would completely transform the world, allowing us to generate a seemingly limitless amount of electric power which we could utilise to drive machines, communicate across continents and light our homes. This is the story of how scientists and engineers unlocked the nature of electricity in an extraordinary century of innovation and invention.

**THU 21:00 The Year the Town Hall Shrank (b01nvwr8)**  
All In This Together

Documentary series telling the story of how the city of Stoke-on-Trent struggles to cope with the impact of the largest funding cuts to local government ever imposed by central government.

The depth of the cuts forces not just the council to reconsider what they do and how they do it, but the people of Stoke to ask themselves what they expect their local authority to do for them. This is not just the story of Stoke, it is the story of us all as it goes behind the rhetoric of whether we are all in it together in this age of austerity, or whether it is right to take tough choices because we have become over-dependent on services that we can simply no longer afford.

With in-depth access to the council and its decision makers and following the human consequences of decisions taken in the town hall and Whitehall, this is a gripping and moving tale of power, competing priorities and the intimate human costs of cuts recorded over the course of a year.

It's summer 2011 and having just made the biggest budget cuts in a generation, the council is staring down the barrel once again. It has cut £36m this year and expects to slash another £20m next year. But the irony is that the council is owed £20m in unpaid council tax. With one of the worst collection rates in the country, the council leader and chief executive are under pressure to chase the debtors and perhaps bridge the funding gap.

However, this is a city with huge levels of deprivation and unemployment and getting people to pay up isn't easy. Out with a local bailiff, it gradually becomes clear that there are those that simply can't pay, but also those that won't if they can get away with it. And as council services close across the city, it begs the question - how many might have stayed open if everyone had paid their dues?

But civic responsibility doesn't end there. The Big Society is being championed by the prime minister and now it's time to see if it can work in Stoke. If services are to survive, maybe it's down to residents to run them? The country's oldest Victorian swimming pool has been closed by the council as part of the cuts. The local vicar, Father John, has formed a residents group to try and keep it open. He needs to show the council that the community has the will and the appetite to run it themselves. More than that, he needs to raise money quickly.

Everyone is fighting for a slice of an ever-diminishing cake. After a year of campaigning, Stoke's mums continue to knock on the door of the council's re-elected leader, Mohammed Pervez. They plead for him to change his mind about cuts that might devastate the city's Sure Start centres and lobby to be relieved of 750,000 pounds worth of cuts already announced. But if he agrees, someone else is bound to lose out.

After a year of cuts in Stoke, what is the future for the city

itself and what lessons are there for the rest of the country as the austerity measures continue reshape all our relationships with local government?

**THU 22:00 The First Master Chef: Michel Roux and Escoffier (p00ypy02)**

[Repeat of broadcast at 21:00 on Monday]

**THU 23:00 Heath vs Wilson: The 10-Year Duel (b011g7g2)**

Harold Wilson and Edward Heath are two very different men equally overlooked by history, but they were the political titans of the era in which Britain changed for ever. For ten years they faced each other in the House of Commons, and swapped in and out of Number Ten. They fought four general elections, three of which were amongst the most exciting of the century.

They were deliciously different and scorned one another, yet they were cast from the same mould. Both promised a revolution of meritocracy and dynamism in the British economy and society. Both utterly failed, but together they presided over a decade that redefined the nation: Britain ceased to be a world power and entered Europe; the postwar consensus in which they both believed was destroyed; Thatcherism and New Labour were born. The country they left behind was unrecognisable from the one they had inherited - and the one they had promised.

This documentary tells the story of their highly personal and political duel in the words of those who watched it blow by blow - their colleagues in the cabinet and government, and the journalists at the ringside. Set against a scintillating backdrop of the music and style of the 1960s and 70s (which was of no interest to either man) it brings the era, and its forgotten figureheads, vividly to life.

**THU 00:30 Tales from the Wild Wood (b01nvr0)**

[Repeat of broadcast at 20:30 on Wednesday]

**THU 01:00 Shock and Awe: The Story of Electricity (p00kjqch)**

[Repeat of broadcast at 20:00 today]

**THU 02:00 Top of the Pops (b01nzc9)**

[Repeat of broadcast at 19:30 today]

**THU 02:35 The Year the Town Hall Shrank (b01nvr8)**

[Repeat of broadcast at 21:00 today]

**FRIDAY 16 NOVEMBER 2012**

**FRI 19:00 World News Today (b01nvsjk)**

The latest national and international news, exploring the day's events from a global perspective.

**FRI 19:30 The Solti Centenary Concert (b01nwfxx)**

A celebratory concert from Symphony Center, Chicago marking the 100th anniversary of the birth of the great Hungarian conductor Sir Georg Solti. Valery Gergiev conducts the World Orchestra for Peace, the only orchestra which Solti ever founded, made up of players from the world's leading symphony orchestras. Lady Valerie Solti, the conductor's widow, introduces the concert, which features vocal soloists Angela Gheorghiu and Rene Pape and works by Mozart, Verdi, Strauss, Mahler and Bartok which chart the course of Solti's musical career.

**FRI 21:25 Pop Charts Britannia: 60 Years of the Top 10 (b01nwfxx)**

Documentary chronicling our ever-changing love affair with the British singles chart on the occasion of its sixtieth anniversary. From the first NME chart in 1952, via Pick and Top of the Pops to home-taping the Radio One chart show and beyond, we have measured out our lives to a wonderful churn of pop driven, unbeknownst to us, by a clandestine world of music biz hustle. Featuring contributions by 60 years of BBC chart custodians from David Jacobs to Reggie Yates, chart fans Grace Dent and Pete Paphides and music biz veterans Jon Webster and Rob Dickins.

**FRI 22:55 Sound It Out (b01nwfxx)**

Over the last five years an independent record shop has closed in the UK every three days. This film is documentary portrait of one of the very last still trading - a vinyl record shop in Teesside, a cultural haven in one of the most deprived areas in the UK. Filmmaker Jeanie Finlay, who grew up three miles from the shop, follows daily life in a place that is thriving against the odds, ensured of survival by the local community that keeps it alive. A distinctive, funny and intimate film about

men, the North and the irreplaceable role music plays in our lives.

**FRI 23:55 The Genius of David Bowie (b01k0y0q)**

A selection of some of David Bowie's best performances from the BBC archives, which also features artists who Bowie helped along the way, such as Mott the Hoople, Lulu, Iggy Pop and Lou Reed.

**FRI 00:55 Pop Charts Britannia: 60 Years of the Top 10 (b01nwfxx)**

[Repeat of broadcast at 21:25 today]

**FRI 02:25 Sound It Out (b01nwfxx)**

[Repeat of broadcast at 22:55 today]