SATURDAY 13 JULY 2013

SAT 00:00 Midnight News (b036l3yc)

The latest national and international news from BBC Radio 4. Followed by Weather.

SAT 00:30 Book of the Week (b036l26j)

A Long Walk Home

Penny Downie reads the remarkable true story of Judith Tebbutt's 192 days in captivity at the hands of Somali pirates.

In September 2011, Judith Tebbutt and her husband David embarked on a dream holiday on an idyllic beach resort in Kenya. On the first night, their worst nightmares become reality, when they are awoken by violent intruders, and Judith is dragged away towards a waiting motor-boat.

Today: After nearly seven months in captivity, Judith finally allows herself to believe that her ordeal could soon be over.

Writer: Judith Tebbutt Abridger: Miranda Davies Producer: Justine Willett Reader: Penny Downie.

SAT 00:48 Shipping Forecast (b036l3yf)

The latest shipping forecast.

SAT 01:00 Selection of BBC World Service Programmes

BBC Radio 4 joins the BBC World Service. BBC Radio 4 resumes at 5.20am.

SAT 05:20 Shipping Forecast (b036l3yk)

The latest shipping forecast.

SAT 05:30 News Briefing (b036l3ym)

The latest news from BBC Radio 4.

SAT 05:43 Prayer for the Day (b036l8zt)

A spiritual comment and prayer to begin the day with Claire Campbell Smith.

SAT 05:45 iPM (b036l8zw)

'I don't care what the Foreign Office says, I'm staying in Egypt!' A tourist talks to iPM from his Luxor hotel. A listener share her memories of summer swims... in the River Mersey. With Eddie Mair. iPM@bbc.co.uk.

SAT 06:00 News and Papers (b036l3yp)

The latest news headlines. Including a look at the papers.

SAT 06:04 Weather (b036l3vr)

The latest weather forecast.

SAT 06:07 Open Country (b036kxv4)

Felicity Evans introduces Open Country from the Teifi Valley in West Wales and finds that the River Teifi once supported the growth of the 19th century woollen industry and sustains traditional coracle making today. In search of the elusive lamprey she discovers a diversity of wildlife found in the river.

At Cenarth Falls she meets Peter Davis, the last coracle maker in the village, and talks about the traditional hand crafting process of this ancient vessel. Peter holds one of only twelve licences on the Teifi River which allows him to fish five days a week from a coracle where his favourite catch is sea trout. She also pops into the National Coracle Centre to talk to owner, Martin Fowler and see his collection of coracles from around the world. Here she discovers that coracles were used at Cenarth to encourage sheep in and out of the river so that their fleeces could be washed before shearing.

In the 19th century there were fifty-two water-powered mills making Welsh flannel, woven blankets and nursing shawls. A visit to the National Wool Museum reveals the value of the Welsh nursing shawl and 'The Mighty Mule' used for spinning threads. She also meets Raymond Jones, the last maker of traditional Welsh flannel left in Wales.

With the resurgence of interest in the use of traditional wool cloth for textile design a bright future is seen for those mills still in operation. However, there is now only one mill left in the valley which is water-powered. Felicity meets Donald Morgan

at Rock Woollen Mill in Capel Dewi. Donald's family have woven cloth here for four generations and their mill once supplied electricity to the village. Now Donald makes a variety of woven textiles including woven purses and handbags favoured by the Japanese.

Producer: Sarah Pitt.

SAT 06:30 Farming Today (b036tgfl)

Farming Today This Week

The UK's equine industry is worth billions but there are claims that thousands of horses are being left neglected or abandoned. Horse welfare charities say tough economic times and irresponsible overbreeding have led to a glut of horses which people can no longer look after. Charlotte Smith visits a racing stables outside Bath and talks to an equine welfare director who says the industry is at full capacity and shouldn't keep

Charlotte also hears about one farmer who has stayed true to the traditional ways of working. While everyone was swapping horses for tractors, Robert Sampson's father never fully mechanised his Hampshire farm in the 1950s and to this day the family still uses horses to carry out most of the farm work

Presented by Charlotte Smith. Produced by Datshiane Navanayagam

SAT 06:57 Weather (b036l3vt)

The latest weather forecast

SAT 07:00 Today (b036tgfn)

Morning news and current affairs. Including Yesterday in Parliament, Sports Desk, Weather and Thought for the Day.

SAT 09:00 Saturday Live (b036tgfr)

Michael Palin and the Inheritance Tracks of Arthur Brown

Sian Williams and Richard Coles with broadcaster, actor and writer Michael Palin, the Inheritance Tracks of Arthur Brown, orchid expert David Lang who explores the Dalai Lama's garden, Antoinette Haselhorst reflecting on her photographs of Nelson Mandela- who also bought her childhood home, JP Devlin out in Worcestershire hunting for moles with Mickey the Mole Catcher, a young Lithuanian accordionist professing his love for the wobbly keyboard and listeners sharing their thanks for past kindnesses.

Producer: Chris Wilson.

SAT 10:30 The Unsent Letters of Erik Satie (b036thyn)

Alistair McGowan travels to Paris on the trail of his musical hero, the visionary Erik Satie - now most well-known as the composer of the Gymnopedies. Satie was famously eccentric he replaced traditional musical directions like 'ralentando' and 'fortissimo' with instructions to the musician such as, 'While watching oneself approach' and 'like a nightingale with a toothache' and in order to save time deciding what to wear every day, he bought seven, identical, yellow, corduroy suits one for every day of the week.

Satie's radical new approach to music was initially dismissed by the musical establishment, but he was to prove a highly influential force in the new French music of Debussy, Ravel and anticipated 20th century minimalism.

As Alistair talks to Satie biographers and musicians, he uncovers the story of Satie's one and only love affair, with the artist Suzanne Valadon. Their affair lasted only six months, but years later, after Satie's death, bundles of unsent letters to Suzanne were discovered in Satie's apartment.

Featuring interviews with Robert Orledge, Ornella Volta and Jean-Pierre Armengaud.

And at 14.15 on Monday 15th July, you can hear Alistair play Satie, in a Radio 4 Afternoon Drama, Three Pieces in the Shape of a Pear, written by Alistair himself, and starring Nathaniel Parker as Claude Debussy, Imogen Stubbs as Suzanne Valadon and Kevin Eldon as the critic, Willy Gaulthier Villars.

Translations of Ornella Volta's interviews were voiced by Philippa Stanton

Produced by Emma Harding

FURTHER READING:

Satie Seen Through His Letters, edited by Ornella Volta, translated by Michael Bullock. Marion Boyars Publishers Ltd; New edition (May 1994)

Satie the Composer by Robert Orledge, Cambridge University

Press (4 Dec 2008).

SAT 11:00 The Week in Westminster (b036thyq)

George Parker of The Financial Times looks behind the scenes

Former diplomat Sir Nigel Sheinwald and Eurosceptic MP Mark Reckless discuss how to re-negotiate EU powers with

Pat McFadden former Labour business minister and Kwasi Kwarteng on the pros and cons of royal mail privatisation finally achieved after 20 years.

David Ruffley and Jon Ashworth analyse the new combative mood on the government and opposition benches, plus the euphoria of sporting success, Baroness Tanni Grey Thompson and former Labour sports minister Richard Caborn on how it affects politicians.

The Editor is Marie Jessel.

SAT 11:30 From Our Own Correspondent (b036thys)

Return to Rangoon

As tensions continue over the army's overthrow of President Mohammed Morsi Quentin Sommerville meets demonstrators on both sides of the political divide.

Andrew Harding returns to Burma for the first time with his family as a tourist.

Linda Pressly meets the residents of a unique community of sex offenders living in the south of Florida.

Leo Johnson joins those dynamiting for gold in Ecuador's

And David Chazan learns the dark arts of cyber-hacking in

SAT 12:00 Money Box (b036thyv)

Holiday fraud, insurance for the unemployed, finance education for children

Thousands of people have lost millions of pounds booking villas and apartments on line, paying for them by direct transfer only to find when they turn up for their holiday that the booking was intercepted and the money diverted into a fraudster's account. We talk to Simon Calder Travel

Editor of the Independent newspaper about how to protect yourself when booking online.

Lose your job and the insurance company may well put up your premiums for car and home insurance - even though you could be driving a lot less and in the house a lot more. The industry explains why.

Lawyers acting for some of the investors in the suspended investment scheme Arch Cru are planning legal action against Capita, the firm that had responsibility for the management of the fund, to try to get more than the £54m compensation it has put up already. Up to 20,000 people who invested more than £400 million have lost around half their money. And four years after the investment was closed down most are still waiting for adequate redress.

Children learn how to manage money by watching and copying their parents rather than through formal financial education. That's the finding of research done by Cambridge academics. We also hear from children in Uganda and speak to Tracey Bleakley, Chief Executive of PFEG, the UK's personal finance education group about news this week that personal finance will be included in the school curriculum from 11 years

SAT 12:30 The News Quiz (b036l8xn) Series 81

A satirical review of the week's news, chaired by Sandi Toksvig. With Jeremy Hardy, Samira Ahmed, Francesca Martinez and Bob Mills.

SAT 12:57 Weather (b036l3vw)

The latest weather forecast.

SAT 13:00 News (b036l3yy)

The latest news from BBC Radio 4.

SAT 13:10 Any Questions? (b036l8xx)

Grant Shapps, Chuka Umunna, Bronwyn Curtis, Rose Hudson-

Jonathan Dimbleby presents political debate and discussion

from Bushey in Hertfordshire with Chuka Umunna Shadow Business Secretary, Vice Chairman of the Society of Business Economists Bronwyn Curtis, Grant Shapps Chairman of the Conservative Party and the Speaker's Chaplain the Reverend Rose Hudson-Wilkin.

SAT 14:00 Any Answers? (b036tjdg)

A chance for Radio 4 listeners to have their say on the issues discussed on Any Questions. Today, should the government have done a U-turn on a minimum price for alcohol and plain cigarette packaging? Should MPs get a pay rise? Is it right for head teachers to have the power to ban packed lunches in schools? And was the European Court of Human Rights right in ruling that convicted murderers Jeremy Bamber, Peter Moore and Douglas Vinter have the right to a review of their sentences?

The producer is Rachel Simpson.

SAT 14:30 Saturday Drama (b036tjdj)

The Martin Beck Killings

The Abominable Man

The 1960s Swedish detective series that inspired a generation of crime writers.

In The Abominable Man, Martin Beck is called in to work in the middle of the night to see the butchered body of a senior policeman. He begins to investigate, dogged by a sense that catastrophe is imminent and once again, his instinct is correct.

Narrator 1 ... Lesley Sharp
Narrator 2 ... Nicholas Gleaves
Martin Beck ... Steven Mackintosh
Lennart Kollberg ... Neil Pearson
Gunvald Larsson ... Ralph Ineson
Einar Rönn ... Wayne Foskett
Frederik Melander ... Adrian Scarborough
Malm ... Nick Murchie
Hult ... Sean Baker

Mrs. Nyman ... Christine Absalom Stefan Nyman ... Matthew Watson

Bodil ... Greta Dudgeon Mrs Eriksson ... Dinah Stabb

Mr Eriksson ... John Rowe Kvant ... Sam Alexander Kristiansson ... Don Gilet

The Rump ... Robert Blythe Doctor ... Michael Shelford Bohlin ... Rick Warden Man 1 ... Ben Crowe

Man 2 ... David Seddon Woman in Records Dept ... Joanna Brookes

woman in Records Dept ... Joanna B Official 1 ... Paul Stonehouse Original music by Elizabeth Purnell Directed by Mary Peate Dramatised by Katie Hims

Original novels by Maj Sjöwall & Per Wahlöö Translator Thomas Teal

Translator Thomas Teal

SAT 15:30 Soul Music (b036k8v8)

Series 16

Rodrigo's Concierto de Aranjuez for Guitar

Written by Joaquin Rodrigo in 1939, the Concierto de Aranjuez is a guitar classic. It was written amid the chaos of the Spanish Civil War, and in circumstances of poverty and personal tragedy. This programme explores how the piece touches and changes people's lives.

The composer's daughter Cecilia Rodrigo explains how the blind composer was inspired by the fountains and gardens of the palace of Aranjuez. Nelfcio Faria de Sales recounts an unforgettable performance deep inside one of Brazil's largest caves, while David B Katague remembers how the piece got him through a difficult period of separation from his family in the Philippines.

Guitarist Craig Ogden explains the magic of the piece for a performer, and actor Simon Callow recalls how hearing the piece was a formative experience for him during his schooldays, when it turned rural Berkshire into a piece of Spain.

Producer: Melvin Rickarby.

SAT 16:00 Woman's Hour (b036tjdl)

Weekend Woman's Hour: Kate Nash; KT Tunstall; Malala Day

Kate Nash performs in the studio. The niece of Margaret Wintringham - the first British-born woman to take her seat in the House of Commons in 1921 - tells us about her 'double act' with the better known MP Nancy Astor. Campaigning for girls'

education on Malala Day . Jamila Abbas one of 19 children from a poor African family talks about her App designed to help African farmers in rural Kenya get crop prices and vital market information via text. Dr Sarah Blagden on the impact of ovarian cancer treatment on women's sex lives. Plus Scottish singer songwriter KT Tunstall chats about her new album.Julia Bunting from the International Planned Parenthood Foundation on the state of family planning around the world. And is it time for a women's Tour de France?

SAT 17:00 PM (b036tjdn)

Saturday PM

Full coverage of the day's news.

SAT 17:30 The Bottom Line (b036ky04)

Futurology for Business

Predicting the future is a skill that can earn investors and businesses a fortune - but get it wrong and disaster looms. In sectors like energy and technology planning decades ahead is an absolute necessity - but how can CEOs know what the world will look like in 2030 and how do they persuade shareholders and staff to come along for the ride? Evan Davis meets three business leaders who are placing massive bets on the future of farming, biomass fuel and the creation of a hyper-connected global society and finds out about timing, balancing risk and holding your nerve.

Also, the view from America, Sweden and the UK on corporate tax is discussed.

Guests

Dorothy Thompson, CEO, Drax Hans Vestberg, CEO, Ericsson Jim Rogers, investor

Producer: Lucy Proctor.

SAT 17:54 Shipping Forecast (b036wkvz)

The latest shipping forecast.

SAT 17:57 Weather (b03613z7)

The latest weather forecast.

SAT 18:00 Six O'Clock News (b03613zg)

The latest national and international news from BBC Radio 4.

SAT 18:15 Loose Ends (b036tlmx)

Harry Shearer, Marcus Brigstocke, Imogen Edwards-Jones, James Oswald, Stealing Sheep, Glenn Tilbrook and The Fluffers

Clive cranks the volume up to 11 with star of 'This Is Spinal Tap' and 'The Simpsons', actor and voice artist Harry Shearer. In new play 'Daytona', Harry plays ballroom dancing enthusiast Joe Zimmerman, who with wife Elli, plans to win the next big competition. But the unexpected arrival of a figure from their past threatens to throw everything off balance. 'Daytona' is at London's Park Theatre until 18th August.

Clive's herding sheep with farmer and writer James Oswald, who wrote debut crime thriller 'Natural Causes' while tending to his 350 livestock in rural Fife. In the next instalment, 'The Book of Souls', Detective Inspector Tony McLean returns to solve the disturbing mystery of the Edinburgh Christmas killer.

Danny Wallace dines out with bestselling author Imogen Edwards- Jones, whose 'Babylon' series of novels are set in the sexy world of a luxury five star hotel. Imogen now reserves a table for us at 'Restaurant Babylon', where there are celebrity fights and trysts, corpses at the table, coke in the toilets and sex in the bin! Bon Appetit!

Comedian and star of Radio 4's "The Now Show' Marcus Brigstocke talks to Clive about his new show, where the greatest minds in modern Britain are invited to solve all the problems of modern life. There is no issue too small, no problem too great for the Policy Unit; an hour of silliness which may accidentally stumble upon something useful, but probably not. 'Marcus Brigstocke's Policy Unit' is at Latitude Festival, Suffolk on 21st July.

With musical mayhem from Glenn Tilbrook and The Fluffers, who perform 'Best of Times' from their album 'Pandemonium Ensues'.

And from lo-fi, psych-folk trio Stealing Sheep, who perform 'Shut Eye' from their album 'Into The Diamond Sun.'

Producer: Sukey Firth.

SAT 19:00 Profile (b036tlmz)

Alastair Cook

With the Ashes underway, Mark Coles profiles the England cricket captain Alastair Cook. Born on Christmas Day in 1984, Cook's first career was as a chorister at St Paul's Cathedral. A talented musician, he also studied the clarinet and the saxophone but cricket soon took over and he made his England Test debut at 21, scoring a century. He's hit more Test centuries for England than any other player but shuns celebrity and spends his spare time sheep farming.

SAT 19:15 Saturday Review (b036tln1)

Top of the Lake, Blancanieves

Jane Campion's Top of the Lake comes to BBC2 starring Elisabeth Moss of Mad Men fame - here playing a detective investigating what's happening to a 12-year-old girl in a small New Zealand community. Also starring Holly Hunter and Peter Mullan and with influences from David Lynch to The Killing, will it hold UK audiences in its grip?

The Spanish silent black and white film Blancanieves has been winning great acclaim for its intensity and beauty. Pablo Berger's film is a surreal take on the Snow White story. After The Artist, will the appetite for silent films continue?

Untangling the Web is Aleks Krotoski's book taking a look at how the new technology has influenced our lives, from our sense of self to how we interact with others.

Circle Mirror Transformation is an award-winning play by Annie Baker first performed off Broadway. It's now given a production starring Imelda Staunton and Toby Jones at the Rose Lipman Building in Haggerston, London as part of the Royal Court Theatre's Local project.

And Club to Catwalk: London Fashion in the 1980s is a new exhibition at the V&A in London examining the individualistic influence of those who went to clubs such as Taboo and The Camden Palace on the fashion of the time, away from the world of shoulder pads and Dynasty.

Tom Sutcliffe is joined by the novelists Linda Grant and Alex Preston and anthropologist Kit Davis.

Producer: Sarah Johnson

SAT 20:00 Archive on 4 (b036tln3)

Crime of the Century

In the early hours of August 8th 1963, the Royal Mail train from Glasgow to London was held up in the Buckinghamshire countryside by a gang of London thieves. After assaulting the train driver, the criminals stole over two and a half million pounds, something in the region of £40 million in today's money.

The twists and turns of the case, and its main characters, ensured that the robbery stayed in the public eye for the decades that followed.

There was the discovery of an abandoned hideout, the highprofile captures, escapes from maximum security prisons, bundles of cash left in phone boxes, and extradition battles that went on for years.

Gang members Bruce Reynolds, Buster Edwards and Ronnie Biggs became celebrities.

Novelist Jake Arnott takes a deeper look at the gang behind the headlines, and considers how the legacy of this crime has become a curse for the criminals.

In his last recorded interview before his death, Bruce Reynolds describes his early life of crime and what it took to plan the audacious raid.

From his care home in North London, Ronnie Biggs spells out how he randomly got involved in the heist and kept the story running for years as a fugitive in Brazil.

Also taking part are criminologist Laurie Taylor, former head of Scotland Yard John O'Connor, Bruce's son Nick Reynolds, BBC reporter Reg Abbiss, Daily Express reporter Colin MacKenzie and former Buckinghamshire policeman John Woolley.

Producer: Colin McNulty A Whistledown production for BBC Radio 4.

SAT 21:00 The Stuarts (b036jf33)

A World of Fools and Knaves

by Mike Walker. Henrietta Maria - Charles I's Catholic queen - watches her husband, the 'second-best-King', fail to keep a hold

on the reins of government.

Directed by Jessica Dromgoole & Sasha Yevtushenko Sound design by Colin Guthrie

Production co-ordinator: Selina Ream Studio managers: Martha Littlehailes, Alison Craig

An inauspicious marriage of three people changes when the third member, the Duke of Buckingham is assassinated. Charles becomes closer to his Queen Henrietta Maria and what started a marriage of convenience, becomes much deeper as the two try to support each other through turbulent times. Neither of them is able to read the signs of the times as politics and political philosophy take radical new directions. A man of great artistic taste, Charles is both too thoughtful and too indecisive to rule successfully and despite his hatred of war, war becomes his inheritance. Like many fundamentally decent men, Charles lacks iron: the ability to be utterly ruthless when necessary and merciful when expedient.

SAT 22:00 News and Weather (b036l3zq)

The latest national and international news from BBC Radio 4, followed by weather.

SAT 22:15 Moral Maze (b036ksdg)

Mohammed Morsi's Muslim Brotherhood government in Egypt may have only had a 51% majority in last year's election, but by all accounts it was a fair a free election, and with such a high turn-out it gave him the kind of democratic mandate that many politicians in the West would envy. At the time it was hailed as something of a triumph of democracy - the people had spoken a military dictator was overthrown in a largely bloodless revolution and for the first time in that country's history Egyptians had the opportunity to choose their leaders. Well, the people have spoken again. They've taken to the streets in their millions to vent dissatisfaction with Mr Morsi's government; the army has taken charge and Mohammed Morsi and many of his party are now in prison. All this, we are told, is in the name of democracy. Is it ever acceptable to support the military overthrow of a democratically elected government? Is democracy always an absolute good and no matter how unpalatable, and to some the Islamist policies of the Muslim Brotherhood were very unpalatable, we should always stand by the result? Is democracy a morally unambiguous value? Should we always be on the sides of the masses regardless of the consequences to them and our national interests? Or is that debating club naivety? Is democracy only ever the means to an end and the only moral imperative for us in the West should be to always safeguard our interests? Is the reality that the last thing a volatile region like the Middle East needs is a religiously fuelled government and in the wider interest and our national interest, we should support the coup. And however contradictory it sounds is it right to see this coup as part of a democratic process and in this case the ends, of establishing a stable democratic government, justify the means? Or is that in fact thinly veiled anti-Islamic prejudice that is the start of a slippery slope that leads to Western interventionism? Combative, provocative and engaging debate chaired by Michael Buerk with Michael Portillo, Anne McElvoy, Kenan Malik and Matthew Taylor. Witnesses: Mamoun Fandy-Director of London Global Strategy Institute, Dr Maha Azzam-Associate Fellow, Middle East and North Africa Programme, Rachel Shabi- author Not the Enemy: Israel's Jews from Arab Lands written extensively on the Israeli-Palestinian conflict and the Middle East, Con Coughlin - international terrorism expert and defence editor Daily Telegraph.

SAT 23:00 Counterpoint (b036k5s9)

Series 27

(10/13)

Which British political scandal is the subject of a musical Andrew Lloyd Webber is currently writing? Which jazz pianist, who worked closely with Louis Armstrong, was known by the

The 2013 Counterpoint tournament reaches the semi-final stage, with three contestants who've proved the breadth of their musical knowledge in the heats returning to compete for a place in the Final.

Paul Gambaccini is in the chair and will be testing the competitors on all aspects of music - whether it be the classics. jazz, musical theatre or the pop charts, there's something to suit every taste in today's program

The contestants are from Hove, Bristol and Newcastle.

Producer: Paul Bajoria.

SAT 23:30 Poetry Please (b036iht9)

New Poems from Old Stories

Roger McGough introduces new poems made out of the oldest stories. Simon Armitage remakes Ezra Pound and Camille O'Sullivan sings Shakespeare. Owen Sheers has been reading Homer while Paula Meehan has been hanging out with an Irish polar bear. Producer: Tim Dee.

SUNDAY 14 JULY 2013

SUN 00:00 Midnight News (b036td6j)

The latest national and international news from BBC Radio 4. Followed by Weather.

SUN 00:30 Afternoon Reading (b014qsws) Face It

The second of three short story commissions on the theme of social networking.

"It soon becomes apparent that I don't need to even see Emma White's account because she's sprawled all over my ex's page like spilt bleach. I decide my next move is self-deletion.

The Deletion, by Laura Dockrill, shows how reliant people are becoming on social networks and makes us wonder whether, after setting up an account, it's ever possible to truly quit.

Read by Laura Dockrill

Produced by Robert Howells

Laura Dockrill is a poet and illustrator from South London. A graduate of The Brit School of Performing Arts, twenty-two year old Laura was named one of the top ten literary stars of 2008 according to The Times and voted Elle's top face to look out for in 2009.

SUN 00:48 Shipping Forecast (b036td6l)

The latest shipping forecast

SUN 01:00 Selection of BBC World Service Programmes (b036td6n)

BBC Radio 4 joins the BBC World Service. BBC Radio 4 resumes at 5.20am.

SUN 05:20 Shipping Forecast (b036td6q)

The latest shipping forecast

SUN 05:30 News Briefing (b036td6s)

The latest news from BBC Radio 4.

SUN 05:43 Bells on Sunday (b036tn9t)

The bells of St.Mary Redcliffe, Bristol.

SUN 05:45 Profile (b036tlmz)

[Repeat of broadcast at 19:00 on Saturday]

SUN 06:00 News Headlines (b036td6v)

The latest national and international news.

SUN 06:05 Something Understood (b036tn9w)

Have you ever been blighted by a looming deadline and stayed up all night, wishing you'd started work just a bit earlier? You might curse your hesitation in these situations. But, Samira Ahmed asks: is procrastination always such a bad thing?

Most of us will have procrastinated at some point in our lives. Maybe you can't start the first sentence of the novel you've always want to write because you fear failure. Or perhaps you're putting off telling your partner that your relationship 'just isn't working anymore'. At worst procrastination can be debilitating or prolong a hurtful decision longer than necessary. But might it also be a useful tool for artistic inspiration and a way to let things happen in their own time?

Our relationship with procrastination is a complex one. Many of us are acutely aware that we are doing it, that it robs us of the time to complete tasks to the best of our potential, and yet we just can't stop it. Perhaps it is just human nature? Procrastination has often been characterised as a sin - leaving undone those things which we ought to have done - perhaps suggesting that procrastination has been a concern throughout history.

And yet, there may be something to be said for carefully considered delay. For anyone who's ever felt that sinking feeling after posting something in haste on social media, perhaps delaying action might have been prudent. We can learn from history that sometimes resisting pressure to act more quickly can prevent the direst of consequences. But deliberate procrastination by those who have the power to facilitate change or to maintain the status quo, even if it robs the powerless of equal rights, might suggest that procrastination is a luxury of those who have the time to wait.

The programme includes readings from Kurt Vonnegut, Martin Luther King Jr., John Lanchester, and W.H. Auden, with music by Sir Richard Rodney Bennett, Leonard Cohen, Karine olwart, and Yo La Tengo

Producer: Katherine Godfrey

A Whistledown production for BBC Radio 4.

SUN 06:35 On Your Farm (b036tn9v)

Farming on an island comes with its own challenges, most of them financial. For islands without an abattoir, there's the cost of taking animals off for slaughter, while the need to import feed and other supplies has an obvious impact on a farm's profitability.

On Mull, an island in the Inner Hebrides which enjoys a booming tourist trade, things are a little different though. On the ferry from Oban, Caz Graham first encounters locallyproduced lamb. Determined that some of the tourist money should come their way, local farmers have forged links with a company which supplies meat to the ferry operator, meaning that visitors can get a taste of Argyll hill lamb before they even set foot on Mull.

Once on the island, Caz discovers that the slaughterhouse is crucial to the farmers' success. An increasingly rare facility on Hebridean islands, the abattoir on Mull is proving so successful that it's even attracting business from the mainland. For visitors there's an obvious appeal in eating food raised and slaughtered on the island, while the farmers tell Caz that there's a reward in both financial and emotional terns - in seeing their produce celebrated and enjoyed on the island where they live and work.

Presented by Caz Graham. Produced by Moira Hickey.

SUN 06:57 Weather (b036td6x)

The latest weather forecast

SUN 07:00 News and Papers (b036td6z)

The latest news headlines. Including a look at the papers.

SUN 07:10 Sunday (b036tnb0)

Srebrenica anniversary; Cricketing chaplain; Aliens

On Sunday this week with Edward Stourton

The Church of England has approved the reorganisation of the Yorkshire diocese, despite protests from many in parts of the county. So what's behind the plan.. and who will be affected? Kevin Bocquet has a report looking at the implications.

Reporter Trevor Barnes speaks to survivors of the Srebrenica Genocide at a special anniversary event

As the European Court of Human Rights rules that convicted killers can have their whole tariffs reviewed, we discuss the moral and religious implications with former Anglican priest and criminal defence lawyer Harry Potter and Nick Spencer from the think tank Theos

Is there anyone out there? Leading theologian David Wilkinson discusses his new book on faith and extra terrestrial life.

From the streets of Cairo we hear how Copts, Muslims and those of no faith are faring under the current political unrest. We also speak to Egyptian writer Tarek Osman about whether the Muslim Brotherhood is now a spent force.

As England and Australian cricketers step up to the crease, we speak to Canon Max Wigley, chaplain at Yorkshire county cricket club about the kind of spiritual support he offers .

And as law makers in Ireland vote to legalise abortion under certain conditions for the first time, we speak to religious correspondent Patsy McGarry about where this leaves the Catholic church there.

Editor: Christine Morgan Producer: Dawn Bryan Producer: Jill Collins

Contributors:

Patsy McGarry, Irish Times

Reverend Professor David Wilkinson, Durham University Harry Potter, criminal defence lawyer

Nick Spencer, Theos Tarek Osman, Egyptian writer

Canon Max Wigley, chaplain at Yorkshire County Cricket

SUN 07:55 Radio 4 Appeal (b036tnb2)

Tim Bentinck presents the Radio 4 Appeal for Autistica Reg Charity:1107350

- Freephone 0800 404 8144
- Freepost BBC Radio 4 Appeal, mark the back of the envelope

SUN 07:57 Weather (b036td71)

The latest weather forecast.

SUN 08:00 News and Papers (b036td73)

The latest news headlines, Including a look at the papers.

SUN 08:10 Sunday Worship (b036tnb4)

Glory to God

The BBC Philharmonic and local choirs sing Vivaldi's Gloria. BBC Radio 2 Young Chorister of the Year 2012 Louisa Stirland joins 43 choirs from across the country in MediaCity, Salford to reflect on the glory of God in the city in all its diversity. Canon Andy Salmon and Canon Steve Williams introduce the service and look at how Vivaldi's music has inspired people through time and across generations.

Leader: Yuri Torchinsky Conductor: Richard Davis Producer: Clair Jaquiss.

SUN 08:48 A Point of View (b036l8xz)

A Sporting Catharsis

As Britain basks in post-Wimbledon glory, amid the Ashes, Sarah Dunant reflects on how sport has - throughout history been used by the authorities to help populations let off steam.

In Florence, in the late 1500s, townspeople played a form of football that allowed them to wrestle, punch and immobilize their opponents in any way they liked. Venice had a spectacularly violent sport of bridge-fighting where opposing teams "armed with sticks...dipped in boiling oil beat the hell out

Civic sporting therapy - past and present - has for centuries, Sarah argues, "proved a creative alternative to our recurring tendency to kill each other".

Producer: Adele Armstrong.

SUN 08:58 Tweet of the Day (b02tvys6)

Tweet of the Day is a series of fascinating stories about our British birds inspired by their calls and songs.

Steve Backshall presents the osprey. Ospreys are fish-eaters and the sight of one of these majestic birds plunging feet first to catch its prev is a sight to cherish. The return of the osprevs is one of the great UK conservation stories. After extinction through egg-collecting and shooting in the 19th and early 20th centuries, birds returned in the 1950s and have responded well

SUN 09:00 Broadcasting House (b036tnbf)

Sunday morning magazine programme presented by Paddy O'Connell.

SUN 10:00 The Archers Omnibus (b036tnbp)

Emma feels sidelined, and Rob is on his best behaviour.

SUN 11:15 Desert Island Discs (b036tqpl)

Val McDermid

The writer, Val McDermid, is interviewed by Kirsty Young for Desert Island Discs

Crime fiction is Val's chosen genre and the millions of novels she sells examine and dissect the darkest recesses of human behaviour. Domestic violence, murder, abduction - it's difficult to imagine a subject she'd shy away from. She once described herself as "A mixture of hard bitten cynical hack and Pollvanna".

Brought up in a secure home by parents who were very happily married, she was the first Scot from a state school to win a place at St Hilda's college, Oxford. She was just 16. After graduation she chose tabloid journalism as her trade and by all accounts fitted right in with the hard working, bolshy, boozing culture at the time

She says "I think there are three elements to any literary career. You have to have a modicum of talent, you've got to work hard . and you've got to be lucky.'

Producer: Isabel Sargent.

SUN 12:00 I'm Sorry I Haven't A Clue (b036k73n) Series 59

The fifty-ninth series of Radio 4's multi award-winning antidote to panel games promises more homespun wireless entertainment for the young at heart. This week the programme pays a return visit to the City Hall in Salisbury. Regulars Graeme Garden, Barry Cryer and Tim Brooke-Taylor are once again joined on the panel by Tony Hawks with Jack Dee in the chair. At the piano - Colin Sell.

Producer - Jon Naismith.

SUN 12:32 The Food Programme (b036tqpn)

Valentine Warner and Magnus Nilsson's Food Exchange, Part 2

In part two of their exchange of food stories Magnus Nilsson invites Valentine Warner to venture into the lakes of Sweden's Jamtland in search of wild trout.

In the summer the sun remains in the sky and so at midnight they head into the forests of northern Sweden to catch brown trout, an important and traditional food for traditional communities in the region.

Producer: Dan Saladino.

SUN 12:57 Weather (b036td75)

The latest weather forecast

SUN 13:00 The World This Weekend (b036tqpq)

The latest national and international news, including an in-depth look at events around the world. Email: wato@bbc.co.uk; twitter: #theworldthisweekend

SUN 13:30 Under Attack: The Threat from Cyberspace (b036k73v)

Sabotage and Subversion

The second of three programmes about the virtual world where they steal, spy and wage war. The British government recently declared that one of the greatest threats to national security emanates from cyberspace. Hostile nation states are conducting a war over the internet, while Western companies face the wholesale plundering of their economic life-blood. There is increasing tension as China and the United States square up to each other, while North Korea and Iran are both thought to have launched attacks.

BBC Security Correspondent Gordon Corera reports from London, Washington and Beijing. He talks to those who are holding the line, including top intelligence officials, political leaders and the heads of some of the world's largest companies which stand to lose millions from the theft of their intellectual property. "Britain is under attack," says Britain's Foreign Secretary William Hague. "Most countries are under attack and certainly many industries and businesses are under attack." Who is responsible and where will it end? Producer: Mark Savage.

SUN 14:00 Gardeners' Ouestion Time (b036l5kg)

Chaired by Eric Robson, the GOT team is in Ambleside. Cumbria. Panellists Bunny Guinness, Anne Swithinbank and Toby Buckland take questions from a local gardening audience.

Produced by Howard Shannon A Somethin' Else production for BBC Radio 4.

This week's questions:

Q. Can the panel suggest a dwarf apple that will appeal to children and grow well in a raised bed?

A. Rootstock dictates the size of the tree, an M27 or M9 stock is recommended for dwarf fruit trees. Discovery is a good apple to have in a pot.

An alternative way of growing dwarf apples is to grow them as

a low fence around the edge of the raised bed. Plant the tree in the bed and pull the first two shoots out along a bit of wire, which eventually will grow into a boundary

O. How do I successfully grow Poppies in my garden?

A. Fleshy rooted plants such as Poppies often do well when they are bare root planted, being put into the ground when they are dormant. The traditional method of growing is to do so in a deep long tom container. To help the plant establish in the ground put it into the ground in spring or autumn when it is starting to put nutrients into it's roots

Q. Could the panel suggest a perennial to plant at the base of a Joseph Rock Ash tree with surfacing roots?

A. A mixture of herbaceous perennials is recommended, including Achillea

Moonshine with yellow flowers or Salvia Amistad, which should flower from May/June until the winter frost. A tougher Salvia is a Nachtvlinder, which should last just as long, both have flower in shades of purple.

Q. Do the panel have any tips for planting and maintaining a sedum garden on my flat top garage roof?

A. Sedum roofs attract weed seeds such as Rape Seed Oil and Chives so you need good access to be able to weed regularly. It is recommended to use a coir mat, this method will get nutrients simply from rainwater; added nutrient will allow unwanted grasses and weeds to grow

Q. My Sambucas Nigra is taking over the garden. Can I prune without affecting the flowering for next year?

A. Sambucas Nigra respond very well to pruning. Prune in the autumn or late winter, allowing it to flower first. To ensure it flowers the following year thin the shrub by approximately a third annually.

O. My 16 year old Wisteria died suddenly. What do the panel think may have been the cause? And can I plant another Wisteria in the same soil?

A. A sudden death suggests a problem at the root; ideally the soil should be replaced. If it can't be replaced try using mycorrhizal powder, which is full of 'friendly' fungi which will fight harmful fungi.

Q. My Hoster is growing rapidly, when do the panel suggest is the best time to split it up?

A. In the Autumn as the leaves are yellowing and dying down. Use a serrated edge kitchen knife or a straight edge craving knife. Aim to size the plant so the root bulb fits into both your

Q. How can I encourage Wild Daffodils to flower?

A. Move them to fresh ground and add bone meal to the soil. When you dig them up check for narcissus fly in the centre of the bulb, the fly's grub eats the flower bud, leaving the plant to grow small side leaves instead of the flower.

SUN 14:45 Witness (b036tqps)

The Soviet Gulag

Millions of people were sent to brutal labour camps in the Soviet Union during Stalin's rule. Political prisoners and criminals worked alongside each other as slave labourers. Many died of disease, starvation, or exhaustion. Leonid Finkelstein spent more than 5 years in the Gulag. Hear his story.

SUN 15:00 The Stuarts (b036tqpv)

This War Without an Enemy

by Mike Walker. Charles I's best qualities come to the fore only in defeat, when there are no more decisions to take but only courage and calm to see him through. Only in this moment of perfect stillness can he begin to understand what has brought

Directed by Jessica Dromgoole & Sasha Yevtushenko Sound design by Colin Guthrie

Production co-ordinator: Selina Ream Studio managers: Martha Littlehailes, Alison Craig.

SUN 16:00 Open Book (b036tqpx)

Denise Mina on The Red Road

Denise Mina talks to Mariella Frostrup about her latest crime novel The Red Road. Denise explains why she felt it was important to tell the story of a young teenage girl groomed for sex and why she set part of the novel on the night that Diana, Princess of Wales died.

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While going about the daily tasks of our jobs, many of us feel that the japes, the wacky scenarios and the bizarre workings of the place could often make a great plotline for a novel. Well two new writers have done just that. Michael Honig's novel Goldblatt's Descent is set in a London NHS hospital and his acerbic registrar battles with the idiosyncrasies of his colleagues and the system - so it's no surprise to find he's a former senior registrar himself, and serving police officer Lisa Cutts whose debut novel Never Forget has as its heroine the determined Detective Constable Nina Foster. So what's the appeal of writing about your work and what insights do readers get into these high profile public service occupations?

On the 22nd of September 1943, a twenty nine year old secretary called Pearl Witherington, AKA Agent Marie, was parachuted into Occupied France. She joined a number of civilians who volunteered as agents of the secret Special Operations Executive, specialising in guerrilla warfare and "the sabotage and subversion of the enemy." From resourceful courier, she went on to command a troop of highly effective French resistance fighters and ended up with a bounty of one million francs on her head. Biographer Carole Seymour-Jones brings her amazing story to life.

Producer: Andrea Kidd.

SUN 16:30 Poetry Please (b036tqpz)

An Ark of Animal Poems

Roger McGough takes a new job as Noah at the helm of an ark of animal poems. A back to nature edition of poetry request with poems from Alice Oswald, Simon Armitage, Michael Symons Roberts and James Lasdun. Producer: Tim Dee.

SUN 17:00 File on 4 (b036kbmc)

Faith, Hope and... Tax Avoidance

While the G8 summit of world leaders has agreed a global deal to ensure big business pays its dues, concerns about tax avoidance go wider.

A group of MPs has just examined the case of the Cup Trust, a charity which tried to claim £46 million in tax relief but spent just £55,000 on good works. The Chair of the Public Accounts Committee, Margaret Hodge, concluded the Trust's purpose 'was to avoid tax".

And she said this wasn't an isolated case. The Committee heard that HMRC investigates around 300 charities a year over concerns about tax fraud.

In this week's File on 4 Fran Abrams examines the blurred lines around charities and tax.

What happens when genuine charities find 'donations' are designed so the donors can claim Gift Aid payments from the tax man? And how easy is it to register a charity whose main aim is actually tax avoidance?

Is the 160 year-old Charity Commission up to the job of policing 21st Century charities?

Producer: Ian Muir-Cochrane

SUN 17:40 Profile (b036tlmz)

[Repeat of broadcast at 19:00 on Saturday]

SUN 17:54 Shipping Forecast (b036td77)

The latest shipping forecast.

SUN 17:57 Weather (b036td79)

The latest weather forecast

SUN 18:00 Six O'Clock News (b036td7c)

The latest national and international news from BBC Radio 4.

SUN 18:15 Pick of the Week (b036taa1)

James Walton's Pick of the Week

On this week's show, we've got some advice from Shirley Williams on how to treat men, and from Clive James on the dangers of overwork. We hear Ronnie Biggs spell out his final thoughts on the Great Train Robbery - and find musicians in the most unexpected places, including perhaps the only anarchopunk collective from Lancashire to make the American top 10. Oh yes, and we also get two of least surprising confessions in radio history.

Programmes this week:

Archive on 4 - Crime of the Century - Radio 4

Soul Music - Radio 4

Midweek - Radio 4

The Blonde Women of India - Radio 4

World Routes - Radio 3 Hobby Bobbies - Radio 4

It's Not What You Know - Radio 4

Reflections - Radio 4 Nightwayes - Radio 3

Flintoff's Ashes Road Show - 5Live

Under Attack - The Threat from Cyberspace - Radio 4 Book of the Week - A Long Walk Home - Radio 4 The People's Songs - Radio 2

Produced by Louise Clarke.

SUN 19:00 The Archers (b036tqq3)

Tom hopes his hired van looks smart, as he will be having some publicity shots taken of him delivering meals

Caroline has a fuzzy head and is hoping some fresh air will clear the cobwebs. Lynda wonders if they can pop inside for a chat, as she has found a very nice ladies' watch in the Grey Gables lost property. No one has claimed it and the room in which it was found has only been occupied by single men since May. Lynda suspects one of them had an undisclosed visitor and the lady in question doesn't want anyone to know. Caroline stands up abruptly, experiencing a spasm of back pain.

Meanwhile, Phoebe hopes Brenda isn't leaving because of any hints she may have dropped about Brenda finding somewhere else to live. Mike assures his granddaughter that Brenda is simply seizing a fantastic opportunity to go travelling

Vicky helps Brenda with the last of her packing and gives her a few travel comforts. The family say their goodbyes

Vicky admires Brenda's pluck but Mike still thinks Brenda could do with someone to keep an eye on her. The last person he'd choose for the job is Matt Crawford.

SUN 19:15 Richard Tyrone Jones's Big Heart (b036tqq5)

Richard Tyrone Jones - healthy, gym-going poet, man about town and aspirant womaniser - finds himself, on his 30th birthday, stricken by an unexpected present; heart failure, Confined to hospital with a dilated, literally-big heart, stuck on drugs and drips and forced to cope with curious medical procedures and even curiouser fellow patients, will he die, or will he be doomed to life in a mobility scooter at home with his

Or maybe he can pull through with the help of poetry, cod philosophy, and friends - nihilistic Sophia, who tries to cheer his spirits with books by Houellebecq and Lovecraft, and his dour Welsh publisher / solicitor Jacob, who is in charge of his will but might actually sell more books if he dies. And will having a Big Heart shrink his romantic possibilities?

Half-way between a sitcom and real-life storytelling, and based on Richard's Wellcome Trust supported solo show which toured in 2012, each episode illuminates a different aspect of the experience of illness and facing your own mortality with a sense

Richard Tyrone Jones is a poet, writer and director of 'Utter!" spoken word, and director of spoken word at the Edinburgh Festival Free Fringe.

Written by Richard Tyrone Jones With additional material by Paul Birtill

Produced by Nick Walker A Top Dog production for BBC Radio 4.

SUN 19:45 Chris Paling - Words and Music (b036tqq7) Darkness in Degree:

A series of stories by novelist Chris Paling, in which the music plays as important a role as the words.

Episode 3: Darkness in Degrees

Explosions echo through the streets of Old Damascus but life must go on for the people of the city. Each day an architect goes dutifully to his office and his small team of workers. He loves his city and he loves his family - especially his daughter. Like him, she's a strong character. They clash. But they have a ritual. Every week she gives him a new piece of music. He listens to it and they discuss it and he comes to understand a little more about her.

When a car bomb explodes outside his office it robs him of his hearing - but has it also robbed him of his beloved daughter?

Read by Kayvan Novak Director: Celia de Wolff A Pier production for BBC Radio 4.

SUN 20:00 Feedback (b03618xg)

Last week Roger Bolton spoke to the acting editor of The Archers, Julie Beckett, about the decision to put the moment of revelation in the Matt and Lilian saga in The Archers' digitalonly offshoot Ambridge Extra. After the interview aired we received a deluge of complaints - more than about the coverage of the death and funeral of Baroness Thatcher. Listeners were "incandescent" with rage about both the decision itself and the interview, which many felt offered far from adequate answers

Given the weight of correspondence, this week Roger puts your frustrations to Jeremy Howe, commissioning editor for drama on Radio 4 and 4 Extra.

And why has the BBC removed a free piece of technology, called Radio Downloader, which allowed listeners to download and keep BBC radio programmes? The BBC has promised to offer radio downloads from 2014. But how much radio will be available and for how long? Roger speaks to Mark Friend, Head of Multi-Platform for Radio.

Is sorry the hardest word? We hear from listeners who were outraged by the comments made by BBC Radio 5 Live presenter John Inverdale about Wimbledon women's champion Marion Bartoli, during the finals coverage. But many felt his onair apology the following day was not enough.

We like to encourage creativity from our listeners - last week a song, before that some petite prose from our Twitter followers, and this week we hear from a listener who vents their spleen not in writing, nor on the telephone, or even on Twitter, but with an inventive mash-up of last week's interview with Julie Beckett.

Producer: Will Yates

A Whistledown production for BBC Radio 4.

SUN 20:30 Last Word (b036l8xd)

An Afghan police officer, a prisoner of war, a TV presenter, an Egyptian princess and an American jazz pianist

Matthew Bannister on

Globetrotting television presenter Alan Whicker.

Lieutenant Islam Bibi - the woman Afghan police officer who was shot dead in Helmand province

Lord Campbell of Alloway the leading barrister who first made his name defending prisoners of war in Colditz.

Paul Smith, the jazz pianist and arranger who worked with stars like Sammy Davis Junior, Ella Fitzgerald and Doris Day

And Princess Fawzia Fuad of Egypt whose arranged marriage with the Shah of Iran ended in divorce after six years

SUN 21:00 Money Box (b036thyv)

[Repeat of broadcast at 12:00 on Saturday]

SUN 21:26 Radio 4 Appeal (b036tnb2)

[Repeat of broadcast at 07:55 today]

SUN 21:30 Analysis (b036k73x)

They're Coming for Your Money

Paul Johnson, the director of the widely-respected independent Institute for Fiscal Studies, has been looking at the latest projections for how much the government will spend in the next five years and how much revenue it will receive. Despite the recent announcement of further cuts in spending, tax rises look difficult to avoid.

Paul explores the reasons for this gap in the budget and asks what taxes could help to fill it. With tax avoidance and evasion now at the top of world leaders' agendas, he asks if the increasingly tax-averse companies sector can be made to pay more and how much the rich and wealthy could contribute. He also considers the taxation of our houses and pensions and whether more will be taken from them.

Then he focuses on the three levies which contribute the lion's share of government revenue - income tax, national insurance and VAT - and, with politicians, economists and tax experts, finds out how much we are all - young and old, better and worse off - likely to pay. He also drops in on a young family in Norfolk to discover what taxpaying voters think of the choices and what they will be expected to pay.

Among those taking part: Nigel Lawson (former Conservative Chancellor of the Exchequer); Kitty Ussher (former Labour Treasury minister); Bill Dodwell (head of tax policy at Deloitte); Julian McCrae (former top Treasury official now at

the Institute for Government); Gavin Kelly (chief executive of the Resolution Foundation who worked during the Blair/Brown years in Downing Street and the Treasury); and Malcolm Gammie QC (a leading tax lawyer).

Producer Simon Coates

SUN 22:00 Westminster Hour (b036tqq9)

Preview of the week's political agenda at Westminster with MPs, experts and commentators. Discussion of the issues politicians are grappling with in the corridors of power.

SUN 22:45 What the Papers Say (b036tqqc)

A look at how the newspapers are covering the biggest stories.

SUN 23:00 The Film Programme (b036kxv6)

Pacific Rim with Del Toro; Wikileaks; Mark Gatiss on smallscreen spin-offs; silent film Blancanieves

The Mexican director Guillermo Del Toro tells Matthew Sweet about the joyful creative experience of making his summer blockbuster Pacific Rim, a film about sea monsters and super robots. After his Oscar-winning animation Pan's Labyrinth, he explains the attraction of CGI and big budgets.

As Alex Gibney's new documentary Wikileaks: We Sell Secrets is released, the film maker Roger Graef compares how the genre works on the big and small screen. Can contemporary films on events still very much unfolding really work at the movies?

And a beautiful silent film in black and white reworks Snow White. Blancanieves sets the fairytale in 1920s Seville. The director Pablo Berger and film historian Ian Christie discuss the rise of the new silent genre.

Mark Gatiss continues his series of cinema spin offs from British TV of the 70s with Are You Being Served? The sales team go on holiday to Costa Plonka...

Producer: Elaine Lester

SUN 23:30 Something Understood (b036tn9w)

[Repeat of broadcast at 06:05 today]

MONDAY 15 JULY 2013

MON 00:00 Midnight News (b036td8c)

The latest national and international news from BBC Radio 4. Followed by Weather.

MON 00:15 Thinking Allowed (b036ksd2)

Terrorism Studies

'Terrorism Studies' - how it emerged as a new academic field in the post 9/11 world. Laurie Taylor talks to Harvard social scientist, Lisa Stampinitzky, about the themes of her new book "Disciplining Terror: How Experts Invented 'Terrorism' ". She argues that terrorists are now constructed as pathological and evil personalities who are beyond our understanding, unlike the pre 70s era when the acts of political violence, that we now call terrorism, were seen as the work of rational actors with strategic goals. This transformation of political violence into terrorism is held to have led to the current 'war on terror'. Drawing on archival research as well as interviews with terrorism experts. she traces the struggles through which experts made terrorism, and terrorism made experts. John Bew, a British expert on terrorism, considers and contests the arguments.

Also, Christine Fair discusses a groundbreaking study which finds that support for political violence in Pakistan is lower amongst the poor than the middle classes

Producer: Javne Egerton.

MON 00:45 Bells on Sunday (b036tn9t)

[Repeat of broadcast at 05:43 on Sunday]

MON 00:48 Shipping Forecast (b036td8h)

The latest shipping forecast.

MON 01:00 Selection of BBC World Service Programmes (b036td8k)

BBC Radio 4 joins the BBC World Service.

MON 05:20 Shipping Forecast (b036td8m) The latest shipping forecast.

MON 05:30 News Briefing (b036td8p)

The latest news from BBC Radio 4.

MON 05:43 Prayer for the Day (b036tsn5)

A spiritual comment and prayer to begin the day with Claire Campbell Smith

MON 05:45 Farming Today (b036tsn7)

Sheep farmers have noticed the season for blowfly strike where maggots hatch out in the fleece - is getting longer. Now research done by vets and scientists is linking it to changing weather patterns. They've produced a report advising farmers on how to manage the problem.

Charlotte Smith heads to Surrey to investigate a disease that's killing English oak trees. Defra has given scientists £1.1m to research the causes of Acute Oak Decline, which they suspect may involve a native beetle.

And all this week we're looking at the challenges facing country estates. Charlotte talks to Harry Cotterell, president of the Country Land and Business Association, about whether farming is enough to keep big estates going in the 21st century

Presented by Charlotte Smith. Produced by Anna Jones.

MON 05:56 Weather (b036td8r)

The latest weather forecast for farmers.

MON 05:58 Tweet of the Day (b02twnw4)

Tweet of the Day is a series of fascinating stories about our British birds inspired by their calls and songs. Steve Backshall presents the herring gull.

Herring gulls now regularly breed inland and that's because of the way we deal with our refuse. Since the Clean Air Acts of 1956 banned the burning of refuse at rubbish tips, the birds have been able to cash in on the food that we reject: And our throwaway society has provided them a varied menu. We've also built reservoirs around our towns on which they roost, and we've provided them with flat roofs which make perfect nest sites.

MON 06:00 Today (b036tsn9)

Morning news and current affairs. Including Sports Desk; Weather; Thought for the Day.

MON 09:00 Privacy Under Pressure (b036tsnc) Enisode 1

1/3 In a major new series about how technology is reshaping our notions of privacy, Steve Hewlett asks what we reveal through our online behaviour and use of smart phones. He traces who analyses this behaviour, how it is used and on what terms. Are we aware of how much data we are giving away?

The programme explores how online behaviour can be tracked, monitored and exploited, from cookies to Facebook likes. It investigates whether privacy policies are of any real use or relevance. And it asks if we should all become more aware of the impact of our digital footprints

Interviewees include representatives from social media companies, advertisers, app developers, academics and privacy campaigners.

Producer: Jane Ashley.

MON 09:30 A Guide to Garden Wildlife (b036tsnf) Ponds

Brett Westwood is joined by naturalist Phil Gates in a garden near Bristol and with the help of recordings by wildlife sound recordist Chris Watson and Tom Lawrence, they offer a practical and entertaining guide to the wildlife which you're most likely to see and hear in a garden pond, Garden ponds are arguably the most diverse of all garden wildlife habitats, and Brett and Phil begin by watching pond skaters (the wolves of the pond) and whirligig beetles on the surface of the water. "They remind me of bumper cars at the fair" says Phil as whirligig beetles whizz about over the elastic surface film. These beetles are able to look down and up at the same time Imagine if we could this! "What goes on in a Whirligig beetle's brain I just can't contemplate" laughs Phil. Surprisingly, below the surface, life is anything but quiet as water boatmen communicate with one another by stridulation - producing a remarkably loud tapping sound. There are also backswimmers (so called because they swim upside down), which can be identified explains Phil as "the ones that bite really painfully" best left alone! Further below the surface, you might frogs (their loud purring courtship calls announcing their return to the pond after hibernation and the arrival of spring), and the terrors of the deep; the dragonfly nymphs. These are fearsome predatory larvae with needle-sharp pincer-like jaws, "jet

propelled" and feed on tadpoles. These larvae are transformed into the beautiful flying adults, which are not uncommon; species like the Southern Hawker Dragonfly readily colonis small garden ponds and "they'll come and check you out. They're very curious insects, they hover round your head and come and look at you." Don't be alarmed they are completely harmless despite their old names such as 'Horse stinger' and 'Devil's darning needle'!

PRODUCER: Sarah Blunt.

MON 09:45 Book of the Week (b036tsnh)

Permanent Present Tense

Episode 1

Permanent Present Tense by Suzanne Corkin is the fascinating story of the life and legacy of Henry Molaison. In 1953 Henry underwent an experimental brain operation to alleviate his debilitating epilepsy which had a devastating and unexpected side effect. Henry was unable to store or recall any new memories, no longer could he remember the faces of new people he met, the places he visited, the moments he lived through, and the myriad experiences of everyday life. Memories slipped from him after just thirty seconds. Following the medical procedure he became the subject of research into neuroscience and went on to transform the way the scientific community understand memory and how it functions. This book is both a biography of Henry (known in the media and the world of science as HM), and the development of neuroscience over the course of the fifty years from the date of Henry's operation to his death in 2008.

Permanent Present Tense is written by the renowned neuroscientist Suzanne Corkin who is the head of the Corkin Lab at Massachusetts Institute of Technology. She worked with Henry for nearly five decades and tells his story and that of his contribution to medical science and elucidates the complex world of memory and the advances that have been made by researchers and enhanced by the technological revolution of the last half century.

MON 10:00 Woman's Hour (b036tsnk)

Laura Mvula; Justine Greening

Laura Mvula performs live and talks about her new album Sing To The Moon. Powerlister Justine Greening Secretary of State for International Development on her life in frontline politics. The campaign in Scotland to stop so called "revenge porn". And the women behind Idle No More a Canadian indigenous movement taking on the government to protect their rights

MON 10:45 15 Minute Drama (b036tsnp) Lunch

Reunion

by Marcy Kahar

A platonic romantic comedy: Bill and Bella haven't seen each other for years

They were great friends when they shared a flat, now they disagree about everything; it's the beginning of a beautiful

Directed by Sally Avens

Bill works as an economist in a right wing institute giving succour to bankers and businessmen

Bella teaches yoga, waters the plants in Canary Wharf and holds a Proust seminar for retirees

But years ago they shared a flat before Bill got married and

Now he's back and he's feeling a little off kilter; his son's stopped talking to him, his wife's not interested, so he decides to hook up again with Bella. So once a month they meet for lunch, where they talk about everything; the one thing they don't talk about is how much they love each other.

Marcy Kahan's delightful comedy moves seamlessly from politics via Proust to the perils of online dating as over five episodes we share lunch with Bill and Bella and watch how their lives change course.

Stephen Mangan is one of our most celebrated comedy actors his past hits include: Adrian Mole, Green Wing and Episodes. This is the fifth time he has worked on a play of Marcy's.

Claire Skinner is best known as the harassed mother in 'Outnumbered' but her numerous credits include Lark Rise to Candleford and The Glass Menagerie for Sam Mendes.

Marcy Kahan is an established playwright: Her hits for radio include Incredibly Guilty, The Noel Coward Quintet, Twenty Cigarettes and Everybody Comes to Schiklegrubers for which she won a Sony Award.

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Her screenplay Antonia and Jane starred Imelda Staunton, Saskia Reeves and Bill Nighy and won the Gold Plaque Award for Best Original Screenplay at the Chicago Film Festival.

MON 11:00 Postcode Profiling: Winners and Losers (b036twsj)

Episode 1

1/2. Aasmah Mir looks at how postcode profiling affects our lives, as she visits what new profiling research suggests is the wealthiest area in the UK. She meets local residents in this area of the Chilterns, in Buckinghamshire, and asks them what they think about being classified in this way. Especially when none of them realised it was possible to be identified like this

Postcode profiling is a way of classifying all postcodes into neighbourhood 'types', from Lavish Lifestyles to Stressed Borrowers. This data can then be used by commercial companies for marketing purposes or by the government and public sector, for example to direct health education messages to the appropriate groups of people.

Aasmah Mir puts herself in the hands of the postcode profilers to find out what type of neighbourhood she lives in, and whether the data they crunch is accurate. What kind of people live where she does? And how do they spend their money?

Producer Beth O'Dea.

MON 11:30 Births, Deaths and Marriages (b036twsn) Series 2

The Elephant Malcolm

Births, Deaths and Marriages - returning for a second series - is the sitcom set in a Local Authority Register Office where the staff deal with the three greatest events in anybody's life.

Written by David Schneider (The Day Today, I'm Alan Partridge), he stars as chief registrar Malcolm Fox who is a stickler for rules and would be willing to interrupt any wedding service if the width of the bride infringes health and safety He's single but why does he need to be married? He's married

Alongside him are rival and divorcee Lorna who has been parachuted in from Car Parks to drag the office (and Malcolm) into the 21st century. To her, marriage isn't just about love and romance, it's got to be about making a profit in our new age of

There's also the ever spiky Mary, geeky Luke who's worried he'll end up like Malcolm one day, and ditzy Anita who may get her words and names mixed up occasionally but, as the only parent in the office, is a mother to them all.

In this first episode, Malcolm makes the mistake of doing a local radio interview after a trip to the dentist, while Lorna wants to raise the profile of the office by inviting the press to witness a sham marriage bust by the UK Border Agency. Luke is appalled at Mary's love of men in uniform, while Anita has

Producer: Simon Jacobs A Unique production for BBC Radio 4.

MON 12:00 You and Yours (b036twsq) House surveys, dementia dogs, email security

As the housing market begins to recover, a new problem has emerged. Mortgage valuers are turning their backs on work, because they say they are underpaid.

Just how secure is your email account? One You & Yours listener has told us that when he contacted his email provider to re-set his password, he was inadvertently given access to someone else's account. So how easy would it be for someone to hack into your emails?

The school summer holidays are fast approaching. Children can look forward to six blissful weeks off school, but how do parents organise and pay for childcare? What are the options for working parents, and what are the costs?

The world first guide dog project which trains dogs to help people suffering from dementia.

Producer: Jonathan Hallewell Presenter: Julian Worricker

MON 12:57 Weather (b036td8t)

The latest weather forecast.

MON 13:00 World at One (b036twsv)

National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato

MON 13:45 Dog Days (b036twsx) The Call of the Wild

Robert Hanks tells of a human obsession through four doggy books. The Call of the Wild by Jack London. Is every pooch a wolf in dog's clothing? With Prill Barrett, John Bradshaw and Ian Bruce Miller and Jem the border terrier and Timmy the whippet. Producer: Tim Dee.

MON 14:00 The Archers (b036tqq3)

[Repeat of broadcast at 19:00 on Sunday]

MON 14:15 Drama (b036twsz)

Alistair McGowan - Three Pieces in the Shape of a Pear

Alistair McGowan's witty and poignant drama about his musical hero - the visionary and eccentric French composer Erik Satie and the three key relationships in his life.

Starring Alistair McGowan as Erik Satie, Nathaniel Parker as Claude Debussy, Imogen Stubbs as Suzanne Valadon and Charlotte Page as Paulette Darty.

Satie is now most famous for his delicate and dreamlike 'Gymnopedies', but he was a man ahead of his time - turning his back on the musical conventions of his day and composing spare, 'white' pieces with strange titles, such as 'Flabby Preludes for a Dog' and 'Three Pieces in the Shape of a Pear

But he was also a complex and solitary man, McGowan's drama looks at three key figures in Satie's life - his friend and rival, Claude Debussy; his first love, the artist Suzanne Valadon and the society soprano, Paulette Darty, for whom he nurtured a long, but undeclared, devotion.

But despite the poignancy of Satie's romantic life, this is a fresh and funny portrayal of an engagingly eccentric figure - a man who saved time deciding what to wear by buying seven. identical, yellow, corduroy suits (one for every day of the week) and who, for a time, consumed only white foods in the hope of instilling that simplicity and purity into his own body and music.

All other parts played by members of the company.

Directed by Emma Harding.

MON 15:00 Counterpoint (b036twt1)

Series 27

Episode 11

Paul Gambaccini hosts the second semi-final of the wideranging music quiz, with three more competitors who've come through the heats stage and now stand a chance of gaining a place in the Final at the end of July.

This week's semi-finalists are from London, Glasgow and Cardiff, and they'll face questions on the widest possible range of musical styles and performers. From operas based on Classical mythology, to the movie themes of Bernard Herrmann and plenty of points in between

There are musical extracts to identify, some familiar, some surprising - and no shortage of anecdotes, as Paul Gambaccini welcomes a lively audience to the BBC Radio Theatre in

Producer: Paul Bajoria.

MON 15:30 The Food Programme (b036topn)

[Repeat of broadcast at 12:32 on Sunday]

MON 16:00 With Great Pleasure (b036twt3) Lenny Henry

Actor and comedian Lenny Henry chooses his favourite readings, from Othello to 'Small Island'

Each piece triggers thoughts about his life and the words that have mattered to him, from plays he's performed to writers he loves.

Including extracts from Chinua Achebe's classic 'Things Fall Apart', Neil Gaiman's 'Anansi Boys' and his current show

Recorded at the BBC Radio Theatre, with reader Nadine Marshall and Jude Akuwudike.

Producer...Mary Ward-Lowery.

MON 16:30 The Infinite Monkey Cage (b036twt5)

Series 8

What Makes Science a Science?

What Makes a Science a Science?

Brian Cox and Robin Ince are joined by "Bad Science" author Ben Goldacre, neuroscientist Sophie Scott and broadcaster Evan Davis to ask what makes a science, a science. They'll be asking whether the scientific method can be applied to topics such as history and politics, and whether subjects like economics and social sciences qualify as science at all.

MON 17:00 PM (b036twt7)

Coverage and analysis of the day's news.

MON 18:00 Six O'Clock News (b036td8y)

The latest national and international news from BBC Radio 4.

MON 18:30 I'm Sorry I Haven't A Clue (b036twt9) Series 59

The nation's favourite wireless entertainment pays a visit to the Winding Wheel Theatre in Chesterfield. Regulars Barry Cryer, Graeme Garden and Tim Brooke-Taylor are joined on the panel by Miles Jupp, with Jack Dee in the chair. Colin Sell provides piano accompaniment.

Producer - Jon Naismith.

MON 19:00 The Archers (b036twtc)

Lilian pleads with Brenda's voicemail. She's willing to let bygones be bygones and she really needs Brenda at Amside. When Brenda finally returns Lilian's calls, Lilian is astonished that Brenda is 'on holiday'. She thinks Brenda is pulling a stunt because she wants an apology, but finally accepts that Brenda has quit. Lilian fishes for information about Matt and Brenda lets slip that he's in Russia.

David and Ruth think Pip enjoyed being in charge while they were away. It was a shame they didn't make it to Reims-Gueux, and hope to in the future. Their attention turns to the plans for the Highland Games. Kenton arrives to borrow some supplies.

Kenton offers to help weigh the lambs so Ruth can clean Rickyard in preparation for the guests. Kenton's surprised that he enjoys helping David so much. The brothers reminisce about their days growing up on the farm. Kenton feels he wasn't a natural with any of it, but liked the routine and the feeling of being rooted. His family made it possible for him to explore his opportunities, and he thinks he didn't appreciate everything at the time. David's puzzled by Kenton's mood and worries his brother is becoming restless again.

MON 19:15 Front Row (b036twtf)

The World's End: The Color Purple musical: David Sedaris: Badults

With Mark Lawson

The World's End is a new comedy film from Simon Pegg, Nick Frost and Edgar Wright, completing a trilogy which began with Shaun of the Dead and continued with Hot Fuzz. Adam Smith

Pulitzer Prize and Tony Award-winning dramatist Marsha Norman discusses how she adapted Alice Walker's novel The Color Purple as a musical for the stage. The show is about to receive its British premiere. Marsha Norman also reflects on how she teaches the art of writing for musicals.

Badults is a new TV comedy which follows the exploits of three childhood friends who made a pact to live together when they grew up, but find themselves struggling to adapt to adult life. The show is written by and stars Ben Clark, Matthew Crosby and Tom Parry, also known as the comedy troupe Pappy's. They discuss their move from the live comedy circuit to the small

In tonight's Cultural Exchange, American writer David Sedaris chooses the TV programme Ru Paul's Drag Race.

Producer Dymphna Flynn.

MON 19:45 15 Minute Drama (b036tsnp)

[Repeat of broadcast at 10:45 today]

MON 20:00 Under Attack: The Threat from Cyberspace (b036twth)

Warfare

The last of three programmes about the virtual world where they steal, spy and wage war. The British government recently declared that one of the greatest threats to national security emanates from cyberspace. Hostile nation states are conducting a war over the internet, while Western companies face the wholesale plundering of their economic life-blood. There is increasing tension as China and the United States square up to each other, while North Korea and Iran are both thought to have aunched attacks

BBC Security Correspondent Gordon Corera reports from London, Washington and Beijing. He talks to those who are holding the line, including top intelligence officials, political leaders and the heads of some of the world's largest companies which stand to lose millions from the theft of their intellectual property. "Britain is under attack," says Britain's Foreign Secretary William Hague. "Most countries are under attack and certainly many industries and businesses are under attack." Who is responsible and where will it end?

Producer: Mark Savage.

MON 20:30 Analysis (b036twtk)

Scottish Nationalism: From Protest to Power

Just what does the Scottish National Party want? And what could it mean for the UK?

Douglas Fraser investigates the SNP's long search for an independence vision that works. He talks to insiders about the party's turbulent past, torn, as one leader put it, between 'Jacobites and Jacobins'. How has the party tried to build a vision of Scottish identity that keeps pace with social change's Does it aim to preserve the old British welfare state, or try something different? What do its plans for continued close links with the rest of the UK mean for its vision of a separate

Scotland may be diverging more and more from England, whatever happens in next year's independence referendum. With that vote fast approaching, where this debate is heading matters for everyone in the UK. The SNP's journey reveals much about this important change.

Presenter: Douglas Fraser Producer: Chris Bowlby Editor: Innes Bowen.

MON 21:00 Shared Planet (b036k7d8)

Building in Wildlife

Monty Don presents Shared Planet, the series that looks at the crunch point between human population and the natural world. In this week's programme the focus is towns and cities, with a report from North America about their largest Swallow, the Purple Martin, Purple Martins are totally dependent on human habitation east of the Rockies for nest sites. West of the mountain range they largely nest in their ancestral way using abandoned woodpecker cavities. As we clear land to build the world's towns and cities what is the impact on the natural world and are there ideas to embrace wildlife in built environment

MON 21:30 Privacy Under Pressure (b036tsnc) [Repeat of broadcast at 09:00 today]

MON 21:58 Weather (b036td90)

The latest weather forecast.

MON 22:00 The World Tonight (b036twtm)

Egypt: can US envoy make diplomatic progress?

Can the Chinese economy slow down without stalling? Looking ahead to a damning report on NHS deaths. The joy of parody - why are parodies so popular? With Ritula Shah.

MON 22:45 Book at Bedtime (b036twtp)

Their Eyes Were Watching God

Episode 1

Written by Zora Neale Hurston

When Janie is caught kissing shiftless Johnny Taylor, her grandmother swiftly marries her off to an old man with sixty acres. She endures two stifling marriages before she meets the man of her dreams, who offers not diamonds, but a packet of flowering seeds.

This African-American classic was first published in the 1930s and is seen as one of the greatest American novels of the twentieth century. The author, Zora Neale Hurston, grew up in Eatonville, Florida, the first incorporated black town in America. Nearly every black female writer of significance

including Maya Angelou, Toni Morrison and Alice Walker -acknowledges Zora Neale Hurston as her literary foremother.

"A rigorous, convincing and dazzling piece of prose, as emotionally satisfying as it is impressive." Zadie Smith

Read by Adjoa Andoh

Abridged and produced by Jane Marshall A Jane Marshall production for BBC Radio 4.

MON 23:00 Arthur Smith's Balham Bash (b010mztl) Series 3

Arthur Smith presents comedy and music from his flat in Balham, south London

With Billy Jenkins, Kevin Eldon, Imran Yusef plus poetry from

Producer: Alison Vernon-Smith

First broadcast on BBC Radio 4 in April 2011.

MON 23:30 Today in Parliament (b036twtr)

The Bill allowing same-sex couples to marry in religious ceremonies for the first time has cleared its passage through the House of Lords.

Also on the programme: Parliament's public spending watchdog scrutinises the expenditure of the Prince of Wales. The UK is to opt out of European Union justice and home affairs measur MPs thrash out the arguments. And. Are old people getting left behind in the internet revolution?

TUESDAY 16 JULY 2013

TUE 00:00 Midnight News (b036td9x)

The latest national and international news from BBC Radio 4. Followed by Weather.

TUE 00:30 Book of the Week (b036tsnh)

[Repeat of broadcast at 09:45 on Monday]

TUE 00:48 Shipping Forecast (b036td9z)

The latest shipping forecast.

TUE 01:00 Selection of BBC World Service Programmes (b036tdb1)

BBC Radio 4 joins the BBC World Service.

TUE 05:20 Shipping Forecast (b036tdb3)

The latest shipping forecast.

TUE 05:30 News Briefing (b036tdb5)

The latest news from BBC Radio 4.

TUE 05:43 Prayer for the Day (b036txy3)

A spiritual comment and prayer to begin the day with Claire Campbell Smith.

TUE 05:45 Farming Today (b036txy5)

A report out today criticises the response of the Food Standards Agency to the horsemeat scandal, The Food Contamination report from the Environment, Food and Rural Affairs Committee says there was confusion over the role of the organisation in a crisis and claims it lacks the powers needed to monitor the industry. Anna Hill hears about the changes needed to make the FSA a more "efficient and effective regulator.

We visit Holkham Hall, where 20 years ago 80% or 90% of the estate's income came from farming. Now it's more like 30%. So are country estates still viable agricultural businesses - or, in the 21st century, have they had to become theme parks to survive?

And new research has uncovered the identity of Europe's first landowners - Neolithic farmers. We hear how their farming methods and practices were more advanced than previously thought, and led to the formation of the community structures

Presented by Anna Hill. Produced by Datshiane Navanayagam.

TUE 05:58 Tweet of the Day (b02twpwl)

Kingfisher

Tweet of the Day is a series of fascinating stories about our

British birds inspired by their calls and songs. Steve Backshall presents the kingfisher.

The Ancient Greeks knew the kingfisher as Halcyon and believed that the female built her nest on the waves, calming the seas while she brooded her eggs: hence the expression Halcyon days, which we use now for periods of tranquillity.

Kingfishers can bring in over 100 fish a day to their large broods and the resulting collection of bones and offal produces a stench that doesn't match the bird's attractive appearance.

TUE 06:00 Today (b036txy7)

Morning news and current affairs with Justin Webb and John Humphrys, including:

A Liberal Democrat review set up to help resolve coalition differences over replacing the UK's Trident nuclear deterrent is being published later. Sir Nick Harvey, a Liberal Democrat and was a defence minister until 2012, Phillip Hammond, Defence Secretary, debate whether there are better ways to spend public money.

Standards of care at 14 hospital trusts with the worst death rate in England are to be laid bare in a report later. Professor Sir Brian Jarman, who lead the Dr Foster group of experts from Imperial College, explains what his groups have already found, and Andy Burnham MP, health secretary in the last year of the Labour government, reflects on the way that the hospitals were run while he was in office.

Thousands of campers flocked to campsites all over the UK this weekend to enjoy the sun, the smell of sizzling bacon frying in a pan and the fresh morning dew underfoot. Benedict Allen, writer and explorer, and Fiona Russell, journalist and blogger, discuss whether one can be a true camper if you use a pop up

TUE 09:00 The Long View (b036tz9t)

Shale gas and UK energy resources

Jonathan Freedland is at the National Coal Mining Museum in Wakefield to take the Long View of UK energy reserves.

Today the government and Gas extraction companies are taking stock after the publication of a report by the British Geological Survey of the potential of larger than expected Shale Gas reserves in the Bowland Basin - an area covering most of Lancashire and Yorkshire.

IN the early 19th century, with the help of new mining technology including steam powered machinery, it became increasingly clear that the Yorkshire coalfield stretched far further East than was first thought. Huge new seams were being discovered, particularly in the Barnsley area, as shafts were sunk in the area east of Wakefield, Rotherham and Sheffield.

Back then the new reserves created a series of challenges and risks for the mining organisations wealthy enough to take the risks. Subsidence and firedamp were a fact of mining life. But in the space of half a century the relatively limited Yorkshire field outstripped the rest of the UK's coalmining production and in the process created huge population centres in what had been sparsely populated farming country.

David Robottom, who represents potential Extraction companies and Damian Kahya who has been a critic of the socalled Fracking methods needed to extract Gas from Shale deposits, are joined by mining historian Dr Peter Claughton and Dr Nick Riley of the British Geological Survey to explore what the Victorians did with their energy discoveries and what action might be taken in a similar geographical area today as we struggle to sustain our mineral dependent economy.

Producer: Tom Alban

TUE 09:30 Pop-Up Ideas (b036tz9w)

Series 1

Gillian Tett: The Anthropology of Finance

Tim Harford is joined by Gillian Tett for the second in this new series of talks inspired by ideas in anthropology and the social sciences.

The financial journalist describes how her background in anthropology led her to predict the financial crisis in 2008.

"For my doctorate I spent a year in a remote mountainous area of Tajikistan where I lived as a Tajik girl, wearing the local Atlas robes, fetching water and firewood and chasing goats, says Tett. She studied their rituals and social networks and how they helped to maintain village life.

Later, she became a journalist for the Financial Times and put her anthropology "into a deep, dark, mental drawer" and almost forgot about it. "Having a PhD in economics or astrophysics gave you credibility. Knowing about Tajik wedding rituals did not!"

She describes how one day, years later, she suddenly stopped and wondered: "what would happen if I was to look at the world of finance and business like an anthropologist peering at my Tajik village?".

Tett explains how this set her journalism on a new path, a path that was to help her predict the economic turmoil of 2008.

Producer: Adele Armstrong

TUE 09:45 Book of the Week (b036tz9y)

Permanent Present Tense

Episode 2

Suzanne Corkin's story of the life and legacy of the man with no memory, Henry Molaison. Today, Henry's inability to recollect is laid bare and a scientific journey of discovery begins. Read by Debora Weston.

TUE 10:00 Woman's Hour (b036tzb0)

Sexual desire; Music Festivals; Yvette Cooper; Rick Stein

What Do Women Want? Daniel Bergner and Susie Orbach discuss female sexual desire. Powerlister Yvette Cooper shows Jane Garvey around her Castleford constituency. Rick Stein Cooks the Perfect fish curry. And Becky Burchell and Tania Harrison talk about running the Music Festivals Bestival, Camp Bestival and Latitude.

TUE **10:45 15 Minute Drama (b036tzb2)** Lunch

Takin' a Chance on Love

by Marcy Kahan

A platonic romantic comedy: Bella has begun dating, whilst Bill is worried his wife is a racist.

Directed by Sally Avens

Bill works as an economist in a right wing institute giving succour to bankers and businessmen.

Bella teaches yoga, waters the plants in Canary Wharf and holds a Proust seminar for retirees.

But years ago they shared a flat before Bill got married and moved to the States.

Now he's back and he's feeling a little off kilter; his son's stopped talking to him, his wife's not interested, so he decides to hook up again with Bella. Once a month they meet for lunch, where they talk about everything; the one thing they don't talk about is how much they love each other.

Marcy Kahan's delightful comedy moves seamlessly from politics via Proust to the perils of online dating as over five episodes we share lunch with Bill and Bella and watch how their lives change course.

Stephen Mangan is one of our most celebrated comedy actors his past hits include: Adrian Mole, Green Wing and Episodes. This is the fifth time he has worked on a play of Marcy's.

Claire Skinner is best known as the harassed mother in 'Outnumbered' but her numerous credits include Lark Rise to Candleford and The Glass Menagerie for Sam Mendes.

Marcy Kahan is an established playwright: Her hits for radio include Incredibly Guilty, The Noel Coward Quintet, Twenty Cigarettes and Everybody Comes to Schiklegrubers for which she won a Sony Award.

Her screenplay Antonia and Jane starred Imelda Staunton, Saskia Reeves and Bill Nighy and won the Gold Plaque Award for Best Original Screenplay at the Chicago Film Festival.

TUE 11:00 Shared Planet (b036v092)

Living with Carnivores

Monty Don presents Shared Planet, the series that looks at the crunch point between human population and the natural world. In this week's programme we report from India where John Aitchison revels in the sight of two tigers, who magnificent though they are, are now in effect in an island population, separated from the farmland that surrounds the National Park by an electric fence. Lion biologist Craig Packer from the University of Minnesota will be speaking to Monty about his observations in Tanzania where upward of 100 people a year are being killed by lions raiding villages, the lions allegedly being driven to switch their prey to people by lack of their

preferred prey outside the national parks. David Macdonald, Professor of Wildlife Conservation at Oxford University, will be exploring this area of conflict with Monty in the Shared Planet studio.

TUE 11:30 Soul Music (b036v094)

Series 16

Make Me a Channel of Your Peace

The hymn 'Make Me a Channel of Your Peace' found its way into weddings, funerals and school assemblies and in this week's 'Soul Music' we hear how it has also embedded itself into the hearts of peace campaigners, charity workers and reformed alcoholics.

The simplicity of this hymn often belies the challenges at its heart. Its lyrics call for unconditional love and forgiveness in the toughest situations. The words are based on a poem which has often been attributed to St Francis of Assisi. However, Franciscan Historian, Dr Christian Renoux, suggests it was most likely to have been written by an anonymous French noble women.

The poem travelled across the globe with translations published during the first and second world wars, subsequently bringing inspiration to public figures ranging from Mother Theresa to President Roosevelt.

In 1967 it caught the eye of South African born musician and 'yogi' Sebastian Temple who put these words to its most famous musical arrangement. It's Sebastian's version that was played at Princess Diana's funeral and that has also touched the hearts of millions worldwide.

Mathew Neville of children's charity 'World Vision' recalls his encounter with this hymn in the Democratic Republic of Congo, whilst closer to home Wendy and Colin Parry share their memories of this music and the role it played in remembering their son Tim, who was killed in the 1993 Warrington Bombings.

In Minnesota former lawyer Mike Donohue reflects on how this hymn has guided him on a journey through alcohol abuse and dementia and Sarah Hershberg remembers her good friend Sebastian Temple, who first played this simple hymn in her front room before it went on to travel the world.

TUE 12:00 You and Yours (b036v096)

Call You and Yours: Hospital standards

As the Medical Director of the NHS in England prepares to deliver his report into high mortality rates at 14 NHS Trusts, Julian Worricker asks, what needs to be done to raise standards in hospitals?

The Keogh Report will set out what these trusts need to do to improve care. It's not the first report to make recommendations into hospital standards this year. The Francis Report called for minimum staffing levels and the regulation of health care assistants.

We want to hear your experiences and your views. 03700 100 400 is the phone number, e-mail youandyours@bbc.co.uk mailto:youandyours@bbc.co.uk, text to 84844.

Presenter: Julian Worricker Producer: Helen Brown.

TUE 12:57 Weather (b036tdb7)

The latest weather forecast.

TUE 13:00 World at One (b036v09t)

National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato.

TUE 13:45 Dog Days (b0371hjy)

Flush

Robert Hanks tells of a human obsession through four doggy books. Flush by Virginia Woolf. Is a pedigree over-rated? With Prill Barrett, John Bradshaw and Ian Bruce Miller and Jem, the border terrier, and Timmy the whippet. Producer: Tim Dee.

TUE 14:00 The Archers (b036twtc)

[Repeat of broadcast at 19:00 on Monday]

TUE 14:15 Drama (b01f5hnz)

The People's Passion

Coming to Jerusalem

Cathedrals still dominate our city centres: once symbols of temporal power, of technological wonder, a vital part of our nusical health, and more recently the focus of protest and appeals to a new morality - what do they mean to us now?

Originally broadcast in Holy Week, The People's Passion explores how our great cathedrals offer an image of the contradictions of faith in twenty-first century Britain.

The People's Passion Mass and Easter Anthem, composed specially for the series by Sasha Johnson Manning, with lyrics written by the poet Michael Symmons Roberts, not only features in the programmes, but was made freely available by the BBC, and sung by a hundred and fifty choirs around Britain and across the world, during Easter 2012, including Easter Day Worship on Radio 4, from Manchester Cathedral.

1/5: Coming to Jerusalem

by Nick Warburton

Monday morning in Holy Week. Ellen's in early, looking for peace. Paul's at the gates, refusing to pay. Is the Cathedral concentrating on the right things?

Produced and Directed by Jonquil Panting

Original music by Sasha Johnson Manning, with lyrics by Michael Symmons Roberts.

Performed by:

Manchester Chamber Choir, directed by Christopher Stokes, with Jeffrey Makinson (organ), Rob Shorter (tenor), Rebecca Whettam (cello), Jahan Hunter (trumpet) and Holly Marland (recorder).

BBC Singers with Eleanor Gregory (soprano), Margaret Cameron (alto), Chris Bowen (tenor), Stephen Charlesworth (bass) and Andrew Earis (piano).

Andrew Kirk (organ), and the choir of Saint Mary Redcliffe,

TUE 15:00 The Kitchen Cabinet (b036v89t) Series 4

Leeds

Jay Rayner chairs this week's episode of the culinary panel programme, recorded at The Carriageworks Theatre in Leeds, West Yorkshire

The team takes questions from a local audience on all aspects of cooking and eating.

Tackling the audience's culinary concerns are 2011 Masterchefwinner Tim Anderson; food-writer and restaurateur Tim Hayward; Asian-cooking expert Angela Malik; and The Kitchen Cabinet's resident food historian Dr Annie Gray.

Food Consultant: Anna Colquhoun.

Produced by Peggy Sutton. A Somethin' Else production for BBC Radio 4.

TUE 15:30 The Human Zoo (b036v89w)

Enisode 3

"Trust me, I tell the truth and I'll prove it to you". It's a simple idea that is the driving force behind the move for public bodies and private business to be open and transparent about their dealings.

The argument goes that, by showing their workings, they can engender trust. However, psychology suggests it might not be that straightforward. An obvious response to publication of the data on surgeon's success rates has been headlines labelling some as "the worst in the UK".

So how can we engender trust, both on a personal and public level. Should we demand that our partners tell us every lecherous thought that goes through their heads? Do we really want to know that the surgeon about to apply their blade to our skin has a lower than average success rate? The answer, like so many about complex human beings, is not simple. Openness and trust are not always linked in the way we might assume. The Human Zoo shows us why.

The Human Zoo, where we see public decisions viewed through private thoughts, is presented by Michael Blastland, with the trusted guidance of Nick Chater, Professor of Behavioural Science at Warwick Business School.

Producer: Toby Murcott A Pier production for BBC Radio 4.

TUE 16:00 Word of Mouth (b036v89v)

How do you talk to an alien?

For more than fifty years, scientists with radio telescopes have been trying to make contact with extra-terrestrial intelligence. Nothing has been found, but recent discoveries of new solar systems and their planets give the astronomical explorers hope. In the first of a new series of Word of Mouth, Chris Ledgard examines some of the questions surrounding inter-stellar discourse - the response we might make if we detect a message, the usefulness of human language in this kind of communication, and whether it might be wiser to say nothing at all

Producer: Chris Ledgard.

TUE 16:30 A Good Read (b036v8b0)

Ricky Ross and Tom Heap

Deacon Blue frontman Ricky Ross and Countryfile reporter Tom Heap discuss their book choices with Harriett Gilbert, providing an eclectic mix of subject matter from crime thrillers set in Nazi Germany to spiritual life in Scotland and gentle ageing in West London.

Producer: Maggie Ayre.

TUE 17:00 PM (b036v8b2)

Coverage and analysis of the day's news.

TUE 18:00 Six O'Clock News (b036tdb9)

The latest national and international news from BBC Radio 4.

TUE 18:30 It's Not What You Know (b036v9hd) Series 2

Episode 2

Frank Skinner, Grace Dent and Jonathan Agnew each nominate someone they know well to answer a series of questions and they than have to second guess how they answered.

Host Miles Jupp tests Frank on how well he knows his friend and radio co-host Emily Dean, Grace her best friend, the Times columnist Caitlin Moran, and Jonathan his wife's best friend Anne Davies.

What is Frank's favourite drink? Who is Grace's favourite writer? And what would Jonathan do if he wasn't a cricket commentator?

All answers and more will be revealed.

Producer: Sam Michell.

First broadcast on BBC Radio 4 in July 2013.

TUE 19:00 The Archers (b036v8b4)

Darrell's reinforcing a stall door at The Stables. He drops hints, hoping Shula will pay material costs up front, but she suggests settling up once they receive an invoice.

Shula eventually realises that money is tight for Darrell and pays him enough to cover his materials and some of the labour charge. She is sorry to hear he is having trouble keeping in contact with his children. Rosa thinks everything is his fault and doesn't want anything to do with him.

Helen and Henry bump into Rob, who has been taking photos of Ambridge for the dairy staff welcome pack. Helen's rather shocked by some of Rob's views and his stereotyping of Ian.

Kenton borrows some fence posts from Tony. They'll be the 'cabers' for the Highland Games. They get chatting about the selling of the herd. Kenton thinks Tony should give himself a break. He has put a lifetime of work into the farm and business is thriving. Tony says it's all down to luck and he and Pat happen to make a good team. Kenton agrees on that score.

Tony remarks to Helen that he has never know Kenton to be so sensitive. There's definitely something eating away at him.

TUE 19:15 Front Row (b036v9hg)

Family Tree, Cush Jumbo, Easy Money, Conrad Shawcross

With Mark Lawson.

Christopher Guest, the writer best known for This Is Spinal Tap, makes his BBC debut with Family Tree, a TV comedy series about an ancestral quest starring Chris O'Dowd from Bridesmaids and The IT Crowd. Antonia Quirke discusses whether Guest has turned the laughs all the way up to 11.

Josephine and I, written by and starring Cush Jumbo, is a onewoman show about the life of dancer, singer and actress Josephine Baker. Jumbo reflects on why she wanted to bring Baker's story to the stage.

Easy Money is the latest slab of Nordic Noir to hit the big screen. It's an adaptation of Jens Lapidus' debut novel about a student who gets caught up in a drug heist. Jeff Park decides whether this noir should have seen the light of day.

Artist Conrad Shawcross offers his choice for Cultural Exchange, in which leading creative minds nominate a favourite work. His selection is Monet's painting Water-Lilies, currently on show at Tate Modern.

Producer Stephen Hughes.

TUE 19:45 15 Minute Drama (b036tzb2)

[Repeat of broadcast at 10:45 today]

TUE 20:00 File on 4 (b036v9hj)

Tobacco: The Lobbyists

Last week, the Government dropped plans to introduce plain packaging for cigarettes in England. It said it wanted to wait and see what happens in Australia where the measure was introduced earlier this year.

Labour and health campaigners accused the Government of caving in to the tobacco lobby. A claim it has denied. In Europe, too, MEPs are considering a new law aimed at deterring young people from smoking. The Tobacco Products Directive proposes, among other things, a ban on flavoured cigarettes and increasing the size of health warnings. Jane Deith travels to Brussels and hears claims and counter-claims: of questionable tactics by the tobacco industry and from tobacco lobbyists who say their actions are above board and they have the right to protect their companies' interests. And she also talks to the main players in an alleged corruption scandal which some say could have brought down the European Commission itself.

Reporter: Jane Deith Producer: Paul Grant.

TUE 20:40 In Touch (b036v9hn)

Peter White talks to Steph Cutler, a partially-sighted music fan, about what's on offer to improve the experience for visually-impaired festival goers.

Arthur Aston never got a hole in one when he could see, but since becoming visually-impaired he's managed it!

He tells Peter about his greatest sporting achievement.

Producer: Cheryl Gabriel.

TUE 21:00 Inside Health (b036v9hq)

Appendicitis, Artificial hips, Temporal Arteritis, Urinary stones

Tailor made artificial hips - why we should learn more from failed joint replacements. The headache that really can be blinding and can cost you your vision unless treated promptly. Plus - why Elton John is waiting two weeks for his appendix operation that has caused him to cancel his European tour.

TUE 21:30 The Long View (b036tz9t)

[Repeat of broadcast at 09:00 today]

TUE 21:58 Weather (b036tdbc)

The latest weather forecast.

TUE 22:00 The World Tonight (b036v9hs)

In-depth reporting and analysis from a global perspective.

TUE 22:45 Book at Bedtime (b036v9hv) Their Eyes Were Watching God

Episode 2

Written by Zora Neale Hurston

Episode 2

To Janie's horror, Nanny is determined to marry her off to the widower Logan Killicks, to protect her honour. But Janie isn't interested in his sixty acres. At sixteen years old, she has dreams of "kissing bees singing of the beginning of the world." And to her, Logan Killicks looks like "some ole skull head in de grave yard."

This African-American classic was first published in the 1930s and is seen as one of the greatest American novels of the twentieth century. The author, Zora Neale Hurston, grew up in Eatonville, Florida, the first incorporated black town in America. Nearly every black female writer of significance -

including Maya Angelou, Toni Morrison and Alice Walker - acknowledges Zora Neale Hurston as her literary foremother.

"A rigorous, convincing and dazzling piece of prose, as emotionally satisfying as it is impressive." Zadie Smith

Read by Adjoa Andoh

Abridged and produced by Jane Marshall A Jane Marshall production for BBC Radio 4.

TUE 23:00 The Infinite Monkey Cage (b036twt5)

[Repeat of broadcast at 16:30 on Monday]

TUE 23:30 Today in Parliament (b036v9hx)

Specialist teams are being sent into 11 hospital trusts in England after a report identified major failings.

The Health Secretary says Sir Bruce Keogh's findings represent Labour's "darkest moment".

But the Labour spokesman, Andy Burnham, accuses Jeremy Hunt of "playing politics with people's lives".

The Northern Ireland Secretary condemns recent rioting in Belfast.

MPs hear from a senior police officer that undercover police used the identities of dead children in more than forty cases and that the practice was sanctioned "at the highest level". And peers raise concerns over the cost of renting. Susan Hulme and team report on today's events in Parliament.

WEDNESDAY 17 JULY 2013

WED 00:00 Midnight News (b036tdc9)

The latest national and international news from BBC Radio 4. Followed by Weather.

WED 00:30 Book of the Week (b036tz9y)

[Repeat of broadcast at 09:45 on Tuesday]

WED 00:48 Shipping Forecast (b036tdcc)

The latest shipping forecast

WED 01:00 Selection of BBC World Service Programmes (b036tdef)

BBC Radio 4 joins the BBC World Service.

WED 05:20 Shipping Forecast (b036tdch)

The latest shipping forecast.

WED 05:30 News Briefing (b036tdck)

The latest news from BBC Radio 4.

WED 05:43 Prayer for the Day (b036vrs7)

A spiritual comment and prayer to begin the day with Claire Campbell Smith.

WED 05:45 Farming Today (b036vrs9)

Environmental campaigners are claiming the biggest ever upgrade of England's roads will damage some of the most beautiful parts of the country. The Government's announced it's investing 28 billion pounds in improving the network. The plans include building 221 miles of extra motorway lanes, improvements to major freight routes and a promise of 6 billion pounds to tackle the backlog of maintenance including potholes.

The organisation which represents supermarkets is defending their testing regimes, following criticisms yesterday that retailers need to be more vigilant.

Also on Farming Today, a New Zealand grazing expert claims you won't be seeing as much New Zealand lamb on supermarket shelves in the future. We catch up with him as he tours the UK this month, helping sheep farmers make more money from their

Presented by Anna Hill. Produced by Anna Varle.

$\mathit{WED}~05{:}58~Tweet~of~the~Day~(b02tws57)$

Cirl Bunting

Tweet of the Day is a series of fascinating stories about our British birds inspired by their calls and songs. Steve Backshall presents the cirl bunting.

Cirl buntings are related to yellowhammers and look rather like them, but the male cirl bunting has a black throat and a greenish chest-band.

Their rattling song may evoke memories of warm dry hillsides

in France or Italy. Cirl buntings are Mediterranean bird s more at home in olive groves than chilly English hedgerows. Here at the north-western edge of their range, most of our cirl buntings live near the coast in south Devon where they breed in hedgerows on farmland.

WED 06:00 Today (b036vrsc)

Morning news and current affairs with Evan Davis and Justin Webb, including:

0749

Primary school pupils in England could be ranked directly against their peers across the country, under government plans to change performance measures. David Laws, Education Minister, outlines the plans, and Sarah Ebner, mother of children in primary school and author of The Starting School Survival Guide, gives her prediction on the efficacy of the idea.

0810

Eleven hospital trusts are being placed in special measures because of major failings, the government announced on Tuesday. The BBC's Nick Robinson gives the political analysis of how the announcement was received in the House of Commons and Stephen Dorrell, health secretary back in the early 90s, now chairman of the Health Select Committee, talks on whether the government's reforms to the health system are working.

0820

An exhibition about Improvised Explosive Devices and the challenge they pose to British troops in Afghanistan opens at the National Army Museum (in London) this week. The Today programme's Tom Bateman reports.

WED 09:00 Midweek (b036vrsf)

Alain and Antoine Carabinier, James Bannon, James Rhodes, Zandra Rhodes

Libby Purves meets circus performers Alain and Antoine Carabinier; former police officer James Bannon; pianist James Rhodes and fashion designer Zandra Rhodes.

Father and son Alain and Antoine Carabinier are members of Cirque Alfonse, a Canadian company which was formed in Quebec. They are performing at London's Southbank Centre in their show, Timber!, which is inspired by the remote forests where the family is based. Highlights of the show include axe juggling and stunts with lumber jack saws all set to traditional music from Quebec. Timber! is at Southbank Centre, London.

James Bannon is a former police officer who went undercover as a hooligan to infiltrate Millwall Football Club back in the late Eighties. His book, Running with the Firm, tells of his experiences inside one of English football's most brutal and fearless gangs. He has since gone on to become an actor and a stand-up comedian. Running With The Firm is published by Ebury.

James Rhodes is a classical pianist who has made a name for himself by performing in non-traditional classical venues. For a Channel 4 documentary, Notes from the Inside, he takes his piano into a psychiatric hospital, where he spent time himself, to perform for the patients. Notes from the Inside is part of Mad4Music, a classical music season on Channel 4. He is also playing at the Latitude Festival and at London's Soho Theatre.

Zandra Rhodes is one of Britain's best-known fashion designers who helped put London at the forefront of the international fashion scene in the 1970s. To celebrate ten years of London's Fashion and Textile Museum - which she founded - she has created a new exhibition, Unseen. Through sketches, designs and garments, the exhibition shows how she has experimented with colour, print and fabric - as well as with her own image - over the last fifty years.

Producer: Annette Wells.

WED 09:45 Book of the Week (b036vrsj)

Permanent Present Tense

Episode 3

Suzanne Corkin's story of the life and legacy of the man with no memory, Henry Molaison. Today, dark days lie ahead, and Henry grapples with the unreliability of his emotional memories. Read by Debora Weston.

WED 10:00 Woman's Hour (b036vrsl)

Hiafaa al-Mansour; Exercise in pregnancy

Haifaa al-Mansour, the first Saudi woman film director on her new film Wadjda. Exercise in pregnancy. Why are women in literature always punished for infidelity? Samantha Bond and Louise Doughty discuss. Chong Kim on being traffiked as a sex worker within the USA. Parenting after a partner's suicide - what to tell the children, where to get help. With Jenni Murray.

WED 10:45 15 Minute Drama (b036vrsn)

Carpe Diem

by Marcy Kahan

A platonic romantic comedy:

A health scare changes Bill's outlook on life, whilst Bella is having trouble deciding how to choose between the men she is dating

Directed by Sally Avens

Bill works as an economist in a right wing institute giving succour to bankers and businessmen.

Bella teaches yoga, waters the plants in Canary Wharf and holds a Proust seminar for retirees.

But years ago they shared a flat before Bill got married and moved to the States

Now he's back and he's feeling a little off kilter; his son's stopped talking to him, his wife's not interested, so he decides to hook up again with Bella. Once a month they meet for lunch, where they talk about everything; the one thing they don't talk about is how much they love each other.

Marcy Kahan's delightful comedy moves seamlessly from politics via Proust to the perils of online dating as over five episodes we share lunch with Bill and Bella and watch how their lives change course.

Stephen Mangan is one of our most celebrated comedy actors his past hits include: Adrian Mole, Green Wing and Episodes. This is the fifth time he has worked on a play of Marcy's. Claire Skinner is best known as the harassed mother in 'Outnumbered' but her numerous credits include Lark Rise to Candleford and The Glass Menagerie for Sam Mendes. Marcy Kahan is an established playwright: Her hits for radio include Incredibly Guilty, The Noel Coward Quintet, Twenty Cigarettes and Everybody Comes to Schiklegrubers for which she won a Sony Award.

Her screenplay Antonia and Jane starred Imelda Staunton, Saskia Reeves and Bill Nighy and won the Gold Plaque Award for Best Original Screenplay at the Chicago Film Festival.

WED 11:00 The Story of the Talmud (b036vrsq) Episode 1

In the first of two programmes, Rabbi Naftali Brawer delves into one of the greatest books ever written holding the key to unlocking Jewish thinking and history. Traveling to Jerusalem, he gains rare access to one of the world's leading ultra-orthodox yeshivas - the Mir. Here he finds young men who will study these ancient Hebrew and Aramaic texts, full time, for anything up to 30 or 40 years. They explain how arguing and debate are the ways to understand the ancient wisdom of the rabbis that have contributed to the Talmud though the ages and still telling you everything you need to know to be a Jew today. The Talmud is not about the arrival but the journey and it's less about about finding answers than discovering what the questions are

Tracing the history of the Talmud, Rabbi Naftali heads to the Galilee to the archaeological site of Beit She'arim, the remains of an ancient city, where shortly after the destruction of the 2nd Temple, the first words of this book were written down. He discovers that the Talmud was an audacious project defying one of the key Jewish laws which forbade writing down the Oral Laws of Moses. Its creation was deemed necessary in order to preserve Jewish culture and practice which, at this time, was facing extinction.

Rabbi Naftali meets some of the greatest Jewish minds and scholars in the world today: Rabbi Adin Steinsaltz, described by Time Magazine as a 'one in a millennium scholar', who has published his own edition of the Talmud; Gila Fine - one of the growing number of female orthodox academics working with the Talmud.

The programme ends with a moving story from leading Talmudic scholar and holocaust survivor, David Weiss Halivni, who explains how the Talmud sustained him in the concentration camps.

Produced by Mark O'Brien.

$\textit{WED 11:30 Paul Temple} \ (b036vvqy)$

Paul Temple and the Gregory Affair

he Madrid

Part 3 of a new production of a vintage serial from 1946.

From 1938 to 1968, Francis Durbridge's incomparably suave amateur detective Paul Temple and his glamorous wife Steve

solved case after baffling case in one of BBC radio's most popular series. Sadly, only half of Temple's adventures survive in the archives.

In 2006 BBC Radio 4 brought one of the lost serials back to life with Crawford Logan and Gerda Stevenson as Paul and Steve. Using the original scripts and incidental music, and recorded using vintage microphones and sound effects, the production of Paul Temple and the Sullivan Mystery aimed to sound as much as possible like the 1947 original might have done if its recording had survived. The serial proved so popular that it was soon followed by three more revivals, Paul Temple and the Madison Mystery, Paul Temple and Steve, and A Case for Paul Temple.

Now, from 1946, it's the turn of Paul Temple and the Gregory Affair, in which Paul and Steve go on the trail of the mysterious and murderous Mr Gregory.

Episode 3: The Madrid

Steve takes an eventful taxi ride to a louche Mayfair night club.

Producer Patrick Rayner

Francis Durbridge, the creator of Paul Temple, was born in Hull in 1912 and died in 1998. He was one of the most successful novelists, playwrights and scriptwriters of his day.

WED 12:00 You and Yours (b036vvr0)

Heathrow, mortgage growth, energy haggling

Heathrow Airport will publish proposals to solve the UK's airport capacity problems.

25,100 first-time buyer loans were approved in May - a rise of 29pc on the figure for April. Is it a good time to get on the property ladder?

Can you haggle with your energy or mobile phone provider? We find out from expert hagglers how to save money. Presenter: Winifred Robinson Producer: Simon Browning.

WED 12:30 Face the Facts (b01smkpw)

Safety on the Line?

John Waite investigates how a culture of rule-breaking and corner-cutting has crept into contractors carrying out work for Network Rail. Many contractors now rely on labour agencies for manpower, and railway workers reveal their concerns at the short notice of shifts they often receive and the long distances they sometimes travel before starting work. They describe how they are expected to work without rest breaks, ignore rules on shift length, and why they do not report safety incidents for fear of being blacklisted. John meets the mother of Scott Dobson, a 26 year old railway worker who was killed in an accident near Saxilby in December 2012. He finds evidence that the contractor now under investigation has a history of breaking safety rules and how before the accident it had been warned by the regulator to improve.

Presenter: John Waite Producer: Richard Hooper Editor: Andrew Smith.

WED 12:57 Weather (b036tdcm)

The latest weather forecast.

WED 13:00 World at One (b036vvr2)

National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato.

WED 13:45 Dog Days (b0371hm9) Sirius

Robert Hanks tells of a human obsession through four doggy books. Sirius by Olaf Stapledon. Can a man be a dog? With Prill Barrett, John Bradshaw and Ian Bruce Miller and Jem, the border terrier, and Timmy the whippet. Producer: Tim Dee.

WED 14:00 The Archers (b036v8b4)

[Repeat of broadcast at 19:00 on Tuesday]

WED 14:15 Drama (b00xw5ll) Red Enters the Eve

Written by Jane Rogers.

When idealistic young volunteer Julie sets off for Nigeria, she's a bundle of nerves. Her project is to teach sewing skills to women in a refuge in Jos; but what if they don't like her - or

feel patronised by her attempts to teach them?

Once Julie's in Jos, her anxieties evaporate. Sewing class is a roaring success, and Julie's only problems are the stupid caution and lack of enthuisam of refuge director Fran, and the incomprehensible tensions surrounding the silent Muslim woman. Mathemneh.

Inspired by a plan to help the women make money from their sewing, ready to really make a difference to their lives, Julie is on a roll ... blithely unaware that there may be consequences, unimaginable and terrible, to her failure to play by Fran's rules.

Produced and Directed by Clive Brill A Pacificus Production for BBC Radio 4.

WED 15:00 Money Box Live (b036vvr6)

Broadband TV, and Phone Bills and Service

Happy with your broadband, TV and phone deal? To ask about bills and service call 03700 100 444 from 1pm to 3.30pm on Wednesday or e-mail moneybox@bbc.co.uk now.

If you haven't checked your bill for a while you could be throwing money away. Switching apathy is costing British customers around £500 million per year say comparison site Broadbandchoices.

To find out about the latest offers or the most cost effective combination talk to our team.

What should you check before you sign up?

Are there any catches to avoid?

Perhaps you want to ask about the jargon or need help resolving a dispute with your provider.

Are your paying too much for your mobile phone and how can you limit costs if you want to take your phone on holiday?

To answer your question, presenter Vincent Duggleby will be joined by:

Mair Coombes Davies, Head of the Panel of Adjudicators, Communications and Internet Services Adjudication Scheme (CISAS)

Dominic Baliszewski, Telecoms Expert, Broadbandchoices

Ernest Doku, Mobile Expert, USwitch

E-mail moneybox@bbc.co.uk now or call 03700 100 444 from 1pm to 3.30pm on Wednesday. Calls cost the same as 01 and 02 numbers, calls from mobiles may be higher.

WED 15:30 Inside Health (b036v9hq)

[Repeat of broadcast at 21:00 on Tuesday]

WED 16:00 Thinking Allowed (b036vvr8)

Raising Middle-Class Black Children; Neon

Neon - Laurie Taylor discusses a history of the flickering light which illuminated the modern world. Professor of American Studies, Christoph Ribbat, charts the rise and fall of neon. From seedy back alleys to gaudy Las Vegas, its blinking presence has electrified the contemporary city. So why did the theorist, Theodor Adorno, so despise these glowing tubes? How did neon become such a recurrent metaphor for modernity in popular culture, ranging from the writings of Vladimir Nabokov to the art of Tracy Emin? And why has the gas which once lit up our lives begun to fade into oblivion? They're joined by the cultural critic, Matthew Sweet.

Also, the first dedicated UK study of black Caribbean middleclass families, and their strategies and priorities in relation to their children's education. The role of 'extra-curricular' activities in the process by which black middle-class parents seek to raise and develop their children.

Producer: Jayne Egerton.

$\it WED~16:30~The~Media~Show~(b036vvrb)$

Mishal Husain becomes new Today presenter

Mishal Husain is to join the Today programme as presenter. The BBC's head of news programmes, Ceri Thomas and the Observer's Miranda Sawyer, also of Sound Women, discuss the significance and whether we can expect announcements of further changes. Meanwhile, David Penn, MD of research company Conquest, looks at whether the BBC has regained trust that was lost over the Savile revelations.

Ofcom's considering complaints that ITV, C4 and the BBC were wrong to broadcast interviews with radical Islamist cleric

Anjem Choudary following the killing of Drummer Lee Rigby in Woolwich. Former Ofcom partner for content and standards, Stewart Purvis, looks at whether the broadcasters can justify their decision.

Until last month, Chris Blackhurst was editor of The Independent. He now has the role of group content director for that paper as well as the Independent on Sunday, the i and London Evening Standard. What's the future for the papers, with falling circulation and increased cover price for the Independent while the free Standard and 20p i appear to thrive?

Presenter: Steve Hewlett Producer: Simon Tillotson Editor: Ruth Gardiner.

WED 17:00 PM (b036vvrd)

Full coverage and analysis of the day's news.

WED 18:00 Six O'Clock News (b036tdcp)

The latest national and international news from BBC Radio 4.

WED 18:30 The Brig Society (b036vvrg) Series 1

Uh-oh - Marcus Brigstocke has been put in charge of a thing!

Each week, Marcus finds he's volunteered to be in charge of a big old thing - a hospital, the railways, British fashion, a prison. And each week he starts out by thinking "Well, it can't be that difficult, surely?" and ends up with "Oh - turns out it's utterly difficult and complicated. Who knew...?"

This week - Marcus has been volunteered to be the face, not to say beard and glasses, of British food. During the course of the show, he'll be eating some food, examining the subject of packaging and waste, eating some more food, looking at supermarkets and seasonality, eating a bit more food, studying manufacturing and junk foods, eating some more food and then probably bursting.

Helping him serve up the show will be Rufus Jones (Hunderby, Holy Flying Circus), William Andrews (Sorry I've Got No Head) and Margaret Cabourn-Smith (Miranda).

The show is produced by Marcus's long-standing accomplice, David Tyler, who also produces Marcus' appearances as the inimitable as Giles Wemmbley Hogg.

Written by Marcus Brigstocke, Jeremy Salsby, Toby Davies, Nick Doody, Steve Punt and Tom Neenan.

Produced by David Tyler A Pozzitive production for BBC Radio 4.

$\it WED~19:00~The~Archers~(b036vvrj)$

Caroline's in her office trying to ease some back pain when Lynda reports someone has claimed the watch. Lynda spots Caroline doesn't seem well. She calls Oliver, who escorts Caroline home.

As Susan helps Jennifer with final touches for the swishing event, they discuss Lilian and Brenda. Susan feels Brenda's being irresponsible, giving up her job at Amside and going travelling. Oliver arrives to take Caroline's place at the event. Caroline has made an appointment with the doctor for tomorrow.

The swishing raises lots of money. Having covered for Caroline, Lynda arrives late for the event. She's keen to put some money in to show her support but Oliver insists she doesn't pay anything. Susan makes a faux pas, inadvertently criticising a garment of Lynda's, thinking it was from Sabrina Thwaite.

Jennifer's delighted to announce that they've received a generous donation of £15K towards the organ repairs. It's from Curtis Tring, from Connecticut, a relative of real old Borsetshire character Zebedee Tring, Jennifer reminds everyone to book for the next fundraiser, a silent film night.

As people leave, Jennifer asks after Caroline. Oliver doesn't know what's wrong but worries that she's been overdoing it at work. He just hopes she hasn't done any lasting harm.

WED 19:15 Front Row (b036vvrl)

Clive James on Dante, A Season in the Congo, Paula Milne's Cultural Exchange

With Mark Lawson.

Writer and poet Clive James discusses his ambitious version of Dante's 14th century epic poem The Divine Comedy. He

reflects on the challenge and pleasure of translating the 14,233 lines which took him several years, while struggling with ill health which made him wonder whether he'd live to see it published.

Directed by Joe Wright and starring Chiwetel Ejiofor, the UK premiere of A Season in the Congo by Aimé Césaire opens on stage this week. Set in the Congo during the country's first year of independence, the play charts the life of Patrice Lumumba from his campaigning against Belgian rule, to becoming Prime Minster, to his assassination. Novelist Justin Cartwright gives his vertifict

Screenwriter Paula Milne offers her choice for Cultural Exchange - Five Easy Pieces, an influential 1970 film starring Jack Nicholson as a frustrated musician who drifts from job to job and embarks on a road trip to see his seriously ill father.

Producer Jerome Weatherald.

WED 19:45 15 Minute Drama (b036vrsn)

[Repeat of broadcast at 10:45 today]

WED 20:00 Moral Maze (b036vvrn)

The Morality of Place

This week the Moral Maze asks "are mixed communities a moral good?" With the government rolling out its benefits cap and a study claiming that high rents mean a third of Britain is effectively off-limits to lower-income working families, some campaigners are arguing that the less well-off are the victims of social cleansing. It's argued the lack of affordable housing means that large parts of the country, especially London, are being turned in to homogenised gated communities reserved for the well off and where the poor are welcome to work, but not to live. Does that really matter? Should we let the free market solve these problems, or use planning laws to make sure property developers build social housing alongside more expensive homes? Should the tax and benefits system be used not just to make sure that people have a roof over their heads, but also to shape the social make up of our communities and nation? Are pluralist, socially diverse communities inherently better - a sign that we're a healthier, tolerant, more democratic society? Or have we for too long been beguiled by the dream of a melting pot? And not only is it human nature to want to live in a community with people who have the same kind of background, values and aspirations, but those communities also create virtues such as neighbourliness, trust and social solidarity. By trying to create more diverse and integrated communities are we undermining the strong social ties that create truly cohesive communities? Combative, provocative and engaging debate chaired by Michael Buerk with Michael Portillo, Anne McElvoy, Giles Fraser and Matthew Taylor. Witnesses: David Goodhart - Director of think tank Demos Professor Jane Wills - Department of Geography and The City Centre, Queen Mary University of London, Philip Booth -Editorial and Programme Director at the Institute of Economic Affairs and Ruth Davison - Director of Policy at National Housing Federation.

WED 20:45 Pop-Up Ideas (b036tz9w)

[Repeat of broadcast at 09:30 on Tuesday]

WED 21:00 Frontiers (b036vvrq)

Oxytocin

The hormone oxytocin is involved in mother and baby bonding and in creating trust. Linda Geddes finds out if taking oxytocin can help people with autism become more sociable.

Larry Young, Professor in the Department of Psychiatry at Emory University in Atlanta, talks about the work in voles that demonstrated the role of oxytocin in pair bonding.

Professor Markus Heinrichs of Freiburg University in Germany tells Linda Geddes about doing the first research on oxytocin in human subjects. He was one of the authors of an influential paper on the hormone and trust, published in Nature in 2005.

As journalists for New Scientist, Linda and her husband, Nic, invited one of the other authors of that paper, Professor Paul Zak of Claremont Graduate University in California, to carry out an oxytocin experiment at their wedding.

At Cambridge University, Dr Bonnie Auyeung, is currently carrying out studies to find out if giving the hormone to adults with autism can improve their social skills.

And Professor Jennifer Bartz, from McGill University in Canada, explains how some research suggests that oxytocin doesn't always make people be more trusting and loving. She says the outcome depends on your previous relationship with the person.

WED 21:30 Midweek (b036vrsf)

[Repeat of broadcast at 09:00 todav]

WED 21:58 Weather (b036tdcr)

The latest weather forecast.

WED 22:00 The World Tonight (b036vvrs)

Government unveils Bill to curb influence of lobbyists, Labour attacks Lynton Crosby. Republican anger over scale of NSA surveillance. Scientists develop 'intelligent knife' to make cancer surgery more accurate. Presented by Ritula Shah.

WED 22:45 Book at Bedtime (b036vvrv)

Their Eyes Were Watching God

Episode 3

Written by Zora Neale Hurston

Episode 3

One day Janie is cutting potatoes in the yard when a citified, stylishly dressed man stops by. And, while her husband has stopped talking to her in rhymes, Joe Starks has dreams of being a big voice and Janie is just the sort of woman he would like by his side when he arrives at the first all-black town in

This African-American classic was first published in the 1930s and is seen as one of the greatest American novels of the twentieth century. The author, Zora Neale Hurston, grew up in Eatonville, Florida, the first incorporated black town in America. Nearly every black female writer of significance including Maya Angelou, Toni Morrison and Alice Walker acknowledges Zora Neale Hurston as her literary foremother.

"A rigorous, convincing and dazzling piece of prose, as emotionally satisfying as it is impressive." Zadie Smith

Read by Adjoa Andoh Abridged and produced by Jane Marshall A Jane Marshall production for BBC Radio 4.

WED 23:00 The Lach Chronicles (b036yvry) Series 1

The Night Dylan Came

Lach was the King of Manhattan's East Village and host of the longest running open mic night in New York

He now lives in Scotland and finds himself back at square one, playing in a dive bar on the wrong side of Edinburgh. His night, held in various venues around New York, was called the

He played host to Suzanne Vega, Jeff Buckley and many others, he discovered and nurtured lots of talent - including Beck, Regina Spektor and the Moldy Peaches - but nobody discovered him.

Many people came to see him in New York and, in this episode, Lach remembers the night Bob Dylan arrived.

Written and performed by Lach

Sound design: Al Lorraine and Sean Kerwin

Producer: Richard Melvin A Dabster production for BBC Radio 4.

WED 23:15 Strap In - It's Clever Peter (b01hkz35)

Strap in for fifteen minutes of rip-roaring comedy as Clever Peter bring you a pygmy hippo, a mystery voice, some house eves & the Pope.

Clever Peter - the wild and brilliantly funny award-winning sketch team - get their own Radio 4 show.

From the team that brought you Cabin Pressure and Another Case Of Milton Jones comes the massively bonkers and funny Clever Peter, hot off the Edinburgh Fringe and wearers of tricoloured jerseys.

"If they don't go very far very soon there is no such thing as British justice" - Daily Telegraph

"A masterclass in original sketch comedy" - Metro "Pretty much top of the class" - The Scotsman

Why "Clever"?

Why "Peter"?

Should I listen to the show? Yes, of course! Derrr.

Starring Richard Bond, Edward Eales-White, William Hartley and special guest Catriona Knox

Written by Richard Bond, Edward Eales-White, William Hartley & Dominic Stone

Produced & directed by David Tyler A Pozzitive Television Ltd Production for BBC Radio 4.

WED 23:30 Today in Parliament (b036vvrz)

Sean Curran and team report from Westminster, with the last PMQs of the summer, a row about minimum alcohol pricing and should MPs have other jobs? Editor: Rachel Byrne.

THURSDAY 18 JULY 2013

THU 00:00 Midnight News (b036tddl)

The latest national and international news from BBC Radio 4. Followed by Weather.

THU 00:30 Book of the Week (b036vrsi)

[Repeat of broadcast at 09:45 on Wednesday]

THU 00:48 Shipping Forecast (b036tddn)

The latest shipping forecast

THU 01:00 Selection of BBC World Service Programmes (b036tddq)

BBC Radio 4 joins the BBC World Service.

THU 05:20 Shipping Forecast (b036tdds)

The latest shipping forecast

THU 05:30 News Briefing (b036tddv)

The latest news from BBC Radio 4.

THU 05:43 Prayer for the Day (b036w38y)

A spiritual comment and prayer to begin the day with Claire Campbell Smith.

THU 05:45 Farming Today (b036w390)

Plans to protect some of the UK's most sensitive marine areas by designating them Marine Conservation Zones could be hit by the latest squeeze on public spending, according to a government report out this week. Only 31 out of 127 habitats flagged up as needing urgent protection by scientists and conservation groups are likely to be designated as protected zones, after a 10% cut in Defra's budget. Farming Today hears from the Fisheries Minister, and from marine environment campaigners.

And in Scotland, where half of all privately-owned land is concentrated in the hands of a few hundred people, the issue of agricultural estates is increasingly controversial. Charlotte Smith hears about moves to diversify land ownership and asks what the impact would be of the suggestion that tenant farmers could be given the right to buy.

Presented by Charlotte Smith, Produced by Datshiane Navanayagam

THU 05:58 Tweet of the Day (b02tx0s5)

Spotted flycatcher

Tweet of the Day is a series of fascinating stories about our British birds inspired by their calls and songs. Steve Backshall presents the spotted flycatcher.

Spotted flycatchers may be rather plain-looking but they're full of character and they often nest in our gardens. The first sign that one's about may be a pale shape darting out from a tree to pluck a fly in mid-air with an audible snap of its bill.

THU 06:00 Today (b036w392)

News and current affairs, Including Sports Desk, Yesterday in Parliament, Weather, Thought for the Day.

THU 09:00 Reflections with Peter Hennessy (b036w394)

Jack Straw

In this series, Peter Hennessy, the leading historian of modern Britain, asks senior politicians to reflect on their life and times. In each week's conversation, he invites his guest to explore what influenced their thinking and motivated them to enter politics, their experience of events and impressions of people they knew, and their regrets and satisfactions.

Peter's guest in this week's programme is Jack Straw MP, who was first elected to the House of Commons in 1979 and sat in the Labour Government between 1997 and 2010. He served as Home Secretary, Foreign Secretary and Leader of the House in Tony Blair's Cabinet, and as Justice Secretary and Lord Chancellor in Gordon Brown's Cabinet. In his role as Foreign Secretary, Straw's support for British involvement in the Iraq War was crucial in Tony Blair's final decision to commit British forces to the invasion.

Peter's guest next week is Lord Tebbit (Norman Tebbit), the former Conservative Cabinet Minister

Presenter, Peter Hennessy. Producer, Rob Shepherd.

THU 09:45 Book of the Week (b036w396)

Permanent Present Tense

Episode 4

Suzanne Corkin's story of the life and legacy of the man with no memory, Henry Molaison. Today, memory and identity and how remembering the past informs the future.

THU 10:00 Woman's Hour (b036w398)

Jane Campion; Abortion in USA; Bryony Kimmings

Jane Campion talks about her latest project, the BBC 2 series Top of the Lake. Washington Post journalist Juliet Eilperin on the impact and implications of changing abortion rules in Texas and other US states. Patty Griffin performs her song Ohio. Bryony Kimmings and her nine year old niece Taylor on their Credible Likeable Superstar Role Model. The Sleep Room - F R Tallis discusses the infamous Ward 5 and sleep therapy for psychiatric illness which was the inspiration for his latest book.

THU 10:45 15 Minute Drama (b036w39b)

Lunch

Like Moths unto a Flame

by Marcy Kahan

A platonic romantic comedy: Bella is making the most of her new found libido whilst Bill is convinced he's being sabotaged

Directed by Sally Avens

Bill works as an economist in a right wing institute giving succour to bankers and businessmen.

Bella teaches yoga, waters the plants in Canary Wharf and holds a Proust seminar for retirees

But years ago they shared a flat before Bill got married and moved to the States.

Now he's back and he's feeling a little off kilter; his son's stopped talking to him, his wife's not interested, so he decides to hook up again with Bella. Once a month they meet for lunch, where they talk about everything; the one thing they don't talk about is how much they love each other.

Marcy Kahan's delightful comedy moves seamlessly from politics via Proust to the perils of online dating as over five episodes we share lunch with Bill and Bella and watch how their

Stephen Mangan is one of our most celebrated comedy actors his past hits include: Adrian Mole, Green Wing and Episodes. This is the fifth time he has worked on a play of Marcy's. Claire Skinner is best known as the harassed mother in 'Outnumbered' but her numerous credits include Lark Rise to Candleford and The Glass Menagerie for Sam Mendes. Marcy Kahan is an established playwright: Her hits for radio include Incredibly Guilty, The Noel Coward Quintet, Twenty Cigarettes and Everybody Comes to Schiklegrubers for which she won a Sony Award.

Her screenplay Antonia and Jane starred Imelda Staunton, Saskia Reeves and Bill Nighy and won the Gold Plaque Award for Best Original Screenplay at the Chicago Film Festival.

THU 11:00 From Our Own Correspondent (b036w39d) A Million Smartphones

The Bulgarian establishment under threat from a million smartphones - Nick Thorpe on the protestors demanding their government steps down. Ahead of election day in Cambodia, Annie Caulfield goes to the circus and finds happy children and painful memories. Peter Day is in Zambia where diarrhoea is a major killer of children - medication works, but getting it to remote villages presents a huge challenge. John Pickford's in

the Cook Islands, in the South Pacific, and tells us why the arrival there of two large canoes caused great excitement. And Simon Wilson has discovered that baseball's not just a metaphor for life in the US, it's also a way of preparing Americans - for failure!

FOOC is produced by Tony Grant.

$\it THU~11:30~Absinthe~Makes~the~Art~Grow~Fonder~(b036w39g)$

The novelist and poet Michèle Roberts presents a history of absinthe, and its influence on art and writing.

Toulouse-Lautrec, Verlaine, Van Gogh, Gauguin, Oscar Wilde and Hemingway - all are united by their love of absinthe. In the late 19th century, it became so popular that **5pm**, when absinthe was served, became known as 'the Green Hour'.

Artists celebrated this bitter-sweet, aperitif. The way it changes from clear green to milky white with the addition of water is an alcoholic metaphor for inspiration and artistic transformation. But absinthe is very strong, and was thought to be hallucinogenic.

Artists' subjects and modes of expression changed radically in the later C19th. Artists and writers seemed to pursue lives of reckless extremity. Michèle investigates how all this became associated with absinthe. A symbol of the demi-monde, 'the green fairy' was demonised and banned in much of Europe (including in France), and America. At first an aid to inspiration, did absinthe lead to fondness, in the Shakespearian sense of foolishness?' Did absinthe make the art grow fonder?

Michèle meets George Rowley, absinthe entrepreneur, who initiates her into the rituals of its consumption and Marie-Claude Delahaye of the absinthe museum in Auvers-sur-Oise, where Van Gogh lived, who helped Rowley recreate absinthe using old recipes. The historian Jad Adams and Pataphysician Kevin Jackson explain the myths surrounding the spirit; its rise, decline and fall - and recent resurgence. Barnaby Wright of the Courtauld Institute explores the fascination of absinthe for the young Picasso, And, under its influence, Michèle writes a poem. Maurice Riordan, editor of Poetry Review, judges whether absinthe inspires or wrecks her work.

Producer: Julian May

First broadcast on BBC Radio 4 in 2013.

THU 12:00 You and Yours (b036w39j) Self-publishing, the UK rental market

The number of people owning their own homes is going down. We examining social and private rents to make sure you get the most for your money. The hot weather that's delighting sunbathers is causing long delays for commuters around the UK. We debate why the transport infrastructure isn't ready for the summer months. Plus, Google on the websites that charge you a fee to fill out a form you can do yourself for free.

Presenter: Winifred Robinson. Producer: John Neal.

THU 12:57 Weather (b036tddx)

The latest weather forecast.

THU 13:00 World at One (b036w39l)

National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato.

THU 13:45 Dog Days (b0371j3z)

Robert Hanks tells of a human obsession through four doggy books, Niki by Tibor Dery. If a dog could vote, would it? With Prill Barrett, John Bradshaw and Ian Bruce Miller and Jem, the border terrier, and Timmy the whippet. Producer: Tim Dee.

THU 14:00 The Archers (b036vvrj) [Repeat of broadcast at 19:00 on Wednesday]

[Repeat of broadcast at 19:00 on Wednesday

THU 14:15 Drama (b00y2xn6)

Stephen Wyatt - Double Jeopardy

Patrick Stewart stars as Raymond Chandler and Adrian Scarborough is Billy Wilder in this entertaining glimpse inside the Hollywood film industry. In 1944 the two men came together to work on a screen adaptation of James M Cain's novel Double Indemnity. Billy Wilder is a 36 year old German Jewish émigré just making his name as a director and Raymond Chandler is a reformed alcoholic with a developing reputation as a novelist but absolutely no experience of writing for movies. The play follows their famously difficult collaboration.

Directed by Claire Grov

Billy Wilder and Raymond Chandler are legendary. The English-educated, middle-aged, would-be intellectual versus the ambitious young German émigré. Paramount Studios put Raymond Chandler and Billy Wilder together because none of the big names would touch James M Cain's novel. With its adulterous lovers, and a crime that could be copied, it was judged too controversial to adapt because of the censorious Production Code guidelines. Chandler and Wilder famously hated each other but in a space of some four months locked in an office together they created an outstanding screenplay for a ground-breaking classic film.

THU 15:00 Open Country (b036w39q) Herriot Country

James Herriot's books about life as a country vet in the 1970s sold 60 million copies worldwide. Later many of the stories were made into feature films and a very popular TV series, 'All Creatures Great and Small'. Herriot's real name was James 'Alf' Wight, and he was known as 'Alf' by local people. He practiced as a vet in Thirsk, a small market town just a few miles from the North York Moors, as did his son, Jim Wight. Felicity Evans visits 'Herriot Country' to meet Jim Wight and talk about his father, the changes there have been in veterinary practice since the 1940s and the legacy 'James Herriot' left both the town and the local farming community.

Jim Wight takes Felicity to the old surgery in 23, Kirkgate, Thirsk where Alf served the local community as a vet, initially working with Donald Sinclair, who became Siegfried Farnon in the books. Jim lived here until he was ten and later when he followed his father into the practice, it was also his place of work. Now it's The World of James Herriot Museum', where the rooms are lovingly preserved and visitors can see the old dispensary and the veterinary instruments used in the post war era. The visit brings back many memories for Jim including sharing some of the humorous stories that made his father's books so famous.

The farming industry has also changed since Alf Wight's time and Felicity visits John Bowes and his son Jonathan, one of the few remaining dairy farmers now left in the area who remember Alf Wight's visits. She also meets the Town's Mayor, Janet Watson who talks of the 'Herriot effect' on business in the town and proudly shows her the newly laid cobblestones in the Market Square and the restored town clock.

Felicity ends her visit to Thirsk by observing a veterinary consultation at the Skeldale Veterinary practice. Peter Wright talks about the loss of many family run farms who kept livestock which has given way to a veterinary practice that is now dominated by small animals. Happily both Peter and Jim Wight believe that the changes, particularly in disease control, are very much for the better.

Producer: Sarah Pitt.

THU 15:27 Radio 4 Appeal (b036tnb2)

[Repeat of broadcast at 07:55 on Sunday]

THU 15:30 Open Book (b036tqpx)

[Repeat of broadcast at 16:00 on Sunday]

$\it THU~16:00~The~Film~Programme~(b036w39s)$

The World's End; Mark Gatiss On the Buses; Breathe In; Hans Zimmer

Matthew Sweet talks dangerous nostalgia with Edgar Wright, director of the comedy The World's End. Starring Simon Pegg and Nick Frost, the plot follows the group of friends as they return to their home town to complete a pub crawl from their youth. Their mission is thrown off course by aliens. Edgar Wright reveals an autobiographical bent to the tale. The Oscar-winning composer Hans Zimmer has written scores for countless films from The Lion King to Driving Miss Daisy to Gladiator. He describes the moment he got his big break, composing the music for Rain Man.

Felicity Jones and director Drake Doremus are back with a new film Breathe In, about an English exchange student whose arrival in upstate New York throws the perfect lives of her host family into chaos. The pair previously made Like Crazy together and explain their love of improvisation and risk-taking with performance.

Mark Gatiss is also dabbling in nostalgia. As part of his series on 70s sitcom cinema spin offs, he looks back at Holiday On The Buses, a distinctly uncomfortable watch.

And on the Film Programme website, White Elephant. Newly released on dvd, this film explores the lives of priests working in the slums of Buenos Aires. The director Pablo Trapero describes working in these areas as a teenager and how this inspired his latest film. Its release proved timely as the new Pope had also worked in the slums and granted the film crew permission to approach the priests there when making this

feature.

Producer: Elaine Lester.

THU 16:30 BBC Inside Science (b036w39v)

Animal research; Astronaut selection; Show us your instrument

This week saw the publication of the annual government statistics on scientific research on animals. Overall, it again shows an increase, but does that tell the whole story? Wendy Jarrett of the organisation Understanding Animal Research shares her thoughts.

We hear from amateur and professional would-be astronauts about their training regime and selection process from Major Tim Peake, the UK's next astronaut, to science broadcaster, Sue Nelson.

Plus, the first in our new series 'Show Us Your Instrument'. Material scientist Mark Miodownik introduces the wonders of the Transmission Electron Microscope, with music composed by the New Radiophonic Workshop.

THU 17:00 PM (b036w39x)

Coverage and analysis of the day's news.

THU 18:00 Six O'Clock News (b036tddz)

The latest national and international news from BBC Radio 4.

THU 18:30 My First Planet (b01gvqnq)

Inglorious Barters

Written by Phil Whelans

A queue for the loo and a rogue backrub threaten to blow up the colony. And just what is Lillian's "Special Skill"...?

A sitcom set on a shiny new planet where we ask the question-if humankind were to colonize space, is it destined to succumb to self-interest, prejudice and infighting? (By the way, the answer's "yes". Sorry.)

Welcome to the colony. We're aware that having been in deep cryosleep for 73 years, you may be in need of some supplementary information.

Personnel

Unfortunately, Burrows the leader of the colony has died on the voyage, so his Number 2, Brian (Nicholas Lyndhurst) is now in charge. He's a nice enough chap, but no alpha male, and his desire to sort things out with a nice friendly meeting infuriates the colony's Chief Physician Lillian (Vicki Pepperdine - "Getting On"), who'd really rather everyone was walking round in tight colour-coded tunics and saluting each other. She's also in charge of Project Adam, the plan to conceive and give birth to the first colony-born baby. Unfortunately, the two people hand-picked for this purpose - Carol and Richard - were rather fibbing about being a couple, just to get on the trip.

Add in an entirely unscrupulous Chief Scientist, Mason and also Archer, an idiot maintenance man who believes he's an "empath" rather than a plumber, and you're all set to answer the question - if humankind were to colonize space, is it destined to succumb to self-interest, prejudice and infighting? (By the way, the answer's "yes". Sorry.)

Produced & directed by David Tyler A Pozzitive Television Ltd Production for BBC Radio 4

with special guest Carshalton Richard Bond

THU 19:00 The Archers (b036w39z)

Caroline is not being a good patient. She is desperate to get back to work but Oliver has everything covered.

Lilian is finding it difficult to adapt to Anthea's working practices. Lilian is annoyed at her inflexibility over her lunch break but comes round when Anthea explains she's having lunch with the director of her employment agency. Lilian hopes she will be complimentary about Amside.

Tom is shocked to hear Brenda has given up her job and gone on holiday. He hopes she doesn't come to regret her recent decisions

Rob pops to Bridge Farm to look at Tony's MG. While there, Tom fills him in on how well the ready meals are doing. Tom may think of expanding. Rob thinks this is a good idea. He has a friend in Montreal who did something similar. Tom suggests

they go for a pint to chat about ideas.

Tony thinks Rob could be a bad influence on Tom. He heard Rob egging Tom on about expansion. Pat agrees Tom is impressionable. She doesn't like how Helen hangs on Rob's every word either. Tony worries. With Tom using Brian and Rob as sounding boards, what chance do they have of making him see common sense?

THU 19:15 Front Row (b036w3b1)

Punchdrunk; Conran on Paolozzi; Laura Mvula; Riba Stirling Prize

With John Wilson

Susannah Clapp reviews the new Punchdrunk production The Drowned Man, A Hollywood Fable. The company is known for not using stages or even seats, and their groundbreaking immersive style - in previous shows like Sleep No More - has had a huge influence in contemporary theatre

As an Eduardo Paolozzi retrospective opens in Chichester, John meets the artist's lifelong friend Sir Terence Conran. Conran, who has since had success in design, retail and restaurants, remembers helping Paolozzi put together some of his early sculptures.

In Cultural Exchange, singer Laura Mvula chooses the song Four Women by Nina Simone. Released on the 1966 album Wild is the Wind, it tells the story of four different African-American women.

The shortlist for the prestigious RIBA Stirling Prize was announced today. This year's list, in which housing features prominently, includes the regenerated Park Hill housing estate in Sheffield. Architect and Chair of the Judges Philip Gumuchdjian, and journalist Tom Dyckhoff discuss the six buildings that have been nominated.

Producer Kate Bullivant.

THU 19:45 15 Minute Drama (b036w39b)

[Repeat of broadcast at 10:45 today]

THU 20:00 The Report (b036w3b3) NHS Complaints

In a bad few weeks for NHS hospitals Simon Cox asks why people who experience bad care are being turned away by the patient complaints watchdog.

Was the scandal at the Morecambe Bay Hospitals an isolated case, and could the problems at some of the 11 hospitals now in special measure have been spotted earlier?

James Titcombe whose son Joshua died at Morecambe Bay Hospital tells the story of how his complaint was hampered at every turn. The Parliamentary and Health Service Ombudsman Dame Julie Mellor and the Medical Director of NHS England, Sir Bruce Keogh, tell us how they think the system could be

THU 20:30 The Bottom Line (b036w3b6)

Water is the world's most precious resource. It's also big business. As climate changes and populations shift, getting water where it needs to be is a huge global challenge. And that's without the added problem of leakage. And how much should consumers pay for something that none of us can live without? Evan Davis and guests discuss an industry which has changed almost beyond recognition in just a few decades - from stateowned water providers to international business players. Guests:

Peter Simpson, CEO Anglian Water Bryan Harvey, Vice President CH2M HILL Olivier Bret, CEO Veolia Water UK Producer: Rosamund Jones

THU 21:00 BBC Inside Science (b036w39v)

[Repeat of broadcast at 16:30 today]

THU 21:30 Reflections with Peter Hennessy (b036w394) [Repeat of broadcast at 09:00 today]

THU 21:58 Weather (b036tdf1)

The latest weather forecast,

THU 22:00 The World Tonight (b036w3bc) With David Fades

Russian opposition Alexei Navalny leader found guilty of fraud; what we learn about Russia.

Does Localism work in the UK? A report from Mark Easton.

And what's it really like to be a woman in India?

THU 22:45 Book at Bedtime (b036w3bg)

Their Eyes Were Watching God

Written by Zora Neale Hurston

Episode 4

Joe Starks has become Mayor of Eatonville, America's first all black town. While he goes off to his meetings, Janie - who is now his wife - is left in charge of the new store. But if Joe is revelling in his new found status, Janie is longing to be allowed to sit on the porch with all the other townsfolk and enjoy

This African-American classic was first published in the 1930s and is seen as one of the greatest American novels of the twentieth century. The author, Zora Neale Hurston, grew up in Eatonville, Florida, the first incorporated black town in America. Nearly every black female writer of significance including Maya Angelou, Toni Morrison and Alice Walker acknowledges Zora Neale Hurston as her literary foremother.

"A rigorous, convincing and dazzling piece of prose, as emotionally satisfying as it is impressive." Zadie Smith

Read by Adjoa Andoh Abridged and produced by Jane Marshall A Jane Marshall production for BBC Radio 4.

THU 23:00 The Show What You Wrote (b036w3pn) Series 1

Kitchen Sink

The Show What You Wrote is a brand new sketch show, which is made up entirely from sketches sent in by the public. Recorded in Manchester in front of a live audience, and starring John Thomson, Helen Moon, Fiona Clarke and Gavin Webster.

We've picked the best sketches from thousands of submiss to make each show, and every week we'll be covering a different theme, from sci fi and fantasy, to historical. This week's episode is Kitchen Sink.

Producers Carl Cooper and Alexandra Smith Writers Chris Allen, Elise Bramich, Alex Buchanan, Steve Bugeja, Alex Clissold-Jones, Alex Collier, Andy Fury, Jez Gee, Lucy Guy, Mike Haskins, Katherine Knowles, Maeve Larkin, Sarah Page, Ash Williamson.

THU 23:30 Today in Parliament (b036w3x5)

Rachel Byrne reports on the government's lobbying bill. MPs debate the pros and cons of shale gas. And should secret files about the Profumo affair be made public?

Editor: Peter Mulligan.

FRIDAY 19 JULY 2013

FRI 00:00 Midnight News (b036tdg0)

The latest national and international news from BBC Radio 4. Followed by Weather.

FRI 00:30 Book of the Week (b036w396)

[Repeat of broadcast at 09:45 on Thursday]

FRI 00:48 Shipping Forecast (b036tdg2)

The latest shipping forecast.

FRI 01:00 Selection of BBC World Service Programmes (b036tdg4)

BBC Radio 4 joins the BBC World Service.

FRI 05:20 Shipping Forecast (b036tdg6)

The latest shipping forecast.

FRI 05:30 News Briefing (b036tdg8)

The latest news from BBC Radio 4.

FRI 05:43 Prayer for the Day (b036wdsv)

A spiritual comment and prayer to begin the day with Claire Campbell Smith.

FRI 05:45 Farming Today (b036wdsx)

The hot weather is already leaving its mark on wheat crops - in the form of scorched, brown patches. Charlotte Smith gets a close-up look at some sunburnt crops in a field in Hertfordshire

And if you thought Common Agricultural Policy reform was all sorted, think again. Charlotte speaks to secretary of state for the environment, Owen Paterson, about the next stage in the reform process and hears what farmers and conservationists make of it

Presented by Charlotte Smith. Produced in Bristol by Anna

FRI 05:58 Tweet of the Day (b02tx41n)

Sparrowhawk

Tweet of the Day is a series of fascinating stories about ou British birds inspired by their calls and songs. Steve Backshall presents the sparrowhawk.

A garden visit from a sparrowhawk can be an exciting affair. They're smash-and grab raiders, using bushes, hedgerows and fences as cover to take their victims by surprise. Males are blue grey above, with a striking rusty-orange chest and are smaller than the brown females - this allows the pair to take a wide range of prey.

FRI 06:00 Today (b036wdsz)

News and current affairs. Including Sports Desk, Yesterday in Parliament, Weather, Thought for the Day.

FRI 09:00 Desert Island Discs (b036tqpl)

[Repeat of broadcast at 11:15 on Sunday]

FRI 09:45 Book of the Week (b036wdt1) Permanent Present Tense

Suzanne Corkin's story of the life and legacy of the man with no memory, Henry Molaison. Today, Henry's final years, and how his brain continues to contribute to memory research and an understanding of who we are.

FRI 10:00 Woman's Hour (b036wfzq)

Plastic Surgery; The Turn of the Screw; Tandems

What drives people to go under the knife to change their looks? Seastar Opera present an all-female production of Benjamin Britten's opera The Turn of the Screw. Caz Graham discovers the joys of riding a tandem. Why - from this September - is 16 no long the age at which you are free of education or training? Presented by Jenni Murray.

FRI 10:45 15 Minute Drama (b036wfzs)

Send in the Clowns

by Marcy Kahan

A platonic romantic comedy: Both Bill and Bella have dramatic news for one another. Could this be their last lunch or their first dinner together?

Directed by Sally Avens

Bill works as an economist in a right wing institute giving succour to bankers and businessmen.

Bella teaches yoga, waters the plants in Canary Wharf and holds a Proust seminar for retirees

But years ago they shared a flat before Bill got married and moved to the States.

Now he's back and he's feeling a little off kilter; his son's stopped talking to him, his wife's not interested, so he decides to hook up again with Bella. Once a month they meet for lunch, where they talk about everything; the one thing they don't talk about is how much they love each other.

Marcy Kahan's delightful comedy moves seamlessly from politics via Proust to the perils of online dating as over five episodes we share lunch with Bill and Bella and watch how their lives change course.

Stephen Mangan is one of our most celebrated comedy actors his past hits include: Adrian Mole, Green Wing and Episodes. This is the fifth time he has worked on a play of Marcy's. Claire Skinner is best known as the harassed mother in

'Outnumbered' but her numerous credits include Lark Rise to Candleford and The Glass Menagerie for Sam Mendes. Marcy Kahan is an established playwright: Her hits for radio include Incredibly Guilty, The Noel Coward Quintet, Twenty Cigarettes and Everybody Comes to Schiklegrubers for which she won a Sony Award.

Her screenplay Antonia and Jane starred Imelda Staunton, Saskia Reeves and Bill Nighy and won the Gold Plaque Award for Best Original Screenplay at the Chicago Film Festival.

FRI 11:00 The Search for the Perfect Office (b036wfzv)

More and more of us work in open plan offices, which can be noisy and lead to strife between those staff who are tidy and their neighbours who like to leave papers and dirty plates on their desks and between those who are quiet and their colleagues who talk loudly on the phone.

Claudia Hammond explores what the perfect office would look like if the latest psychological research was applied. She discovers that it is possible to work in open plan spaces and be able to concentrate, be creative and communicate well with colleagues. And she asks why many architects aren't aware of the research of psychologists or ignore it.

FRI 11:30 Hobby Bobbies (b036wfzx)

Dangerous Driving

Our heroes decide to act on dangerous driving in the town starting with their wheel-spinning American colleague, Jermain.

Britain's longest serving PCSO is paired with the laziest in Dave Lamb's sitcom. (Dave is the voice of TV's Come Dine With Me)

Geoff	Richie Webb
Nigel	Nick Walker
The Guv	Sinead Keenan
Jermain	Leon Herbert
Bernie	Chris Emmett
Producer: Steve Doherty	

A Top Dog production for BBC Radio 4.

FRI 12:00 You and Yours (b036wfzz)

Budget hotels, airline charges, SatNav secrets

Two years ago food manufacturers were invited by government to help frame anti-obesity policies has it worked?

How Sat Nav companies are using your mobile phone, whether you realise it not, to help direct motorists away from traffic jams.

Budget Hotels are set for a big expansion but don't expect prices to drop very much if at all.

Sunglasses- fashion accessory or vision ware; what to look for if you want to protect our eyes.

The government thinks that cost of a parking ticket is proving less and less of a deterrent; ministers say they will consult the public about raising prices.

There's been a British invasion in the Alps to watch the Tour De France; how the world's greatest cycle race has captured our imagination.

The Latitude music and comedy festival bills itself as a family affair; we follow a family to see if it justifies the claim.

You may hate paying them but all those little extras when you take a flight have made your experience better and even cheaper- so says an industry analyst- we test the theory.

FRI 12:57 Weather (b036tdgb)

The latest weather forecast.

FRI 13:00 World at One (b036wg01)

National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato.

FRI 13:45 Dog Days (b0371jlf)

My Dog Tulip

Robert Hanks tells of a human obsession through five doggy books. My Dog Tulip by J. R. Ackerley. The messy stuff - how do we live with it? With Prill Barrett, John Bradshaw and Ian Bruce Miller and Jem, the border terrier, and Timmy the whippet. Producer: Tim Dee.

FRI 14:00 The Archers (b036w39z)

[Repeat of broadcast at 19:00 on Thursday]

FRI 14:15 Drama (b036wg03)

Wagstaff/Abel - When I Lost You

By Rachel Wagstaff and Duncan Abel.

Matthew has written a novel and takes the train from his home in Brighton to London, in order to deliver the manuscript to his sister. In the midst of helping someone from the train at Victoria, Matthew loses the manuscript. Jenny, catching the next train to Brighton, finds an abandoned handwritten book under her seat...

A charmingly simple story of two people seeking to recover what they've lost. Told from both perspectives as they inch closer together.

Directed by Lucy Collingwood.

FRI 15:00 Gardeners' Question Time (b036wg05) Staffordshire

Eric Robson hosts this week's episode of Gardeners' Question Time in Staffordshire. Answering the audience's questions on gardening are panelists Matt Biggs, Christina Walkden and Chris Beardshaw.

Produced by Howard Shannon A Somethin' Else Production for BBC Radio 4.

Q. Which plants would provide a splash of colour and attract wildlife in the cobbled or tarmac alleys running behind rows of houses?

A. These alleys are likely to have one side in deep shade and the other in sunshine. For the warm, sunny side Wall Valerian, Sweet Peas, 'Spanish Flag', Petunias, as well as scented Pelargoniums or tumbling tomatoes in hanging baskets are recommended. Hydrangea Petiolaris, Hostas, Heucheras, Tiarellas, Corydalis Lutea and Alchemilla Mollis are suggested for the shady side. Toadflax and wild Geraniums are also

Q. Can the panel advise why Lupins will not grow in my garden? The soil is neutral, neither sandy nor clay.

A. If this is a repeated problem it may be as a result of the allelopathic effect of one or other of the plants already growing in the garden. Lupins thrive on being slightly raised and earthed up - planting them too deep could be the cause of the problem. Try growing them in a tub to see if this improves the growth. The variety 'Masterpiece' is particularly hardy. Tree Lupins are also recommended.

Q. I have an unruly fig tree - 15ft wide by 9ft tall (4.5m by 2.5m) - growing against a south-facing wall. How should it be pruned to maximise the fruit it yields?

A. Pruning figs tends to encourage more lush growth. Try feeding it with a potash-rich fertiliser to try and rein it in that way. Eventually it will settle down! The roots have probably gone down into moisture rich fertile ground. If possible dig down around the roots and sever some in order to compromise the root system. More generally, prune out any stem that is older than two years and fan-train the new stems against the

Q. A 25 year old Yucca has grown two enormous side shoots along the ground. If these are removed to tidy the plant, could they be replanted?

A. Part of the shoots may have already rooted. New material can usually be replanted, but substantial material may not survive being removed from the main plant. Score some of the bark off the underside of the shoot and earth it up - within a season or so, this may have sent down its own roots, after which point it should be removed from the main plant.

Q. Two years ago I planted a damson tree. When can I expect it to fruit?

A. Fruit should not be removed from the plant for three or four years post-planting, whilst the plant is becoming established. It should start to fruit after five or six years.

Q. Would it be possible to move by 16ft (5m) tall Taxus

A. Try root pruning over the course of two years in order to get some fibrous root onto the tree. This will make it more likely to survive the move. Once the tree is showing signs of growth in May or June, use a chainsaw to reduce the height by around half and remove most of the side shoots before moving into a prepared pit. Water regularly throughout the summer and it should recover well. Q. Would it be possible to grow plants in plastic guttering 2in deep by 4in wide (5cm by 10cm), fixed on a southwest-facing wall? Can the panel suggest any edible or decorative plants that may be suitable?

A. The gutter will need to be on a slight gradient for drainage and will need the gutter ends on to keep the compost contained. Smaller herbs, such as chamomile, thyme or Corsican mint are recommended. With enough water flowing through, watercress could be grown. Mini Hostas would also be happy in these conditions. Florist's foam and capillary matting are suggested as a way of ensuring that moisture is retained along the length of the guttering.

FRI 15:45 Latido (b036wg07)

Episode 2

Latido is Spanish for heartbeat, and is a leitmotif in these three stories by Louise Stern, written in Mexico in 2013.

Each story features a deaf central character, and has a Mexican

"He felt the beat of his own heart in his chest and it seemed to play into the rhythm of the water in front of him. That heartbeat, and the faint electrical current that fuzzed steadily beneath his eyes, making him feel slightly queasy; that was the soundtrack of Mexico for him."

Louise Stern grew up in Fremont, California, and is the fourth generation of her family to be born deaf. She says, "I have always felt that Mexico is a country where words are flesh ... People there, hearing or deaf, are very comfortable with communicating via gestures. Mexico is the place where I feel the least deaf. Although the incidence of deafness is more or less the same in most of Mexico as in the rest of the world (less than one percent), there is a village in Yucatan state in Mexico where everyone uses sign language as a matter of fact, because there is a genetic quirk that means that more people than usual are deaf. This village is not the setting of these stories written for the BBC, but time spent there has influenced the stories."

Programme 2

Mudo can't hear the talk of the crew on the fishing boat, but he's with them to perform one particular task.

Louise Stern now lives and works in London as an artist and writer. Chattering, her first collection of short stories, was published in 2010. The Electric Box, her first commission for radio, featured in the Radio 4 series 'Where Were You' in 2012.

Reader: Louise Brealey Director: Karen Rose Sound Design: Jon Calver Producer: Jeremy Osborne A Sweet Talk production for BBC Radio 4.

FRI 16:00 Last Word (b036wg09)

A footballer, a Scottish nationalist, painter, an evolutionary theorist, a Liberal activist and a TV producer

Matthew Bannister on

Bert Trautmann, the former German prisoner of war who became a celebrated goalkeeper for Manchester City Football Club. He famously broke his neck in the 1956 FA Cup Final, but kept on playing. Bob Wilson pays tribute.

Kay Matheson. In 1950 with three others, she took part in a raid on Westminster Abbey to "liberate" the Stone of Scone on which Scottish kings were crowned and take it North of the border. We hear from one of her accomplices.

Elaine Morgan whose book "The Descent of Woman" became an important text for the feminist movement.

Lord Chitnis who was an effective backroom organiser for the Liberal Party. Lord Steel pays tribute.

And Ray Butt the TV comedy producer who made Only Fools and Horses and many other hit shows.

FRI 16:30 Feedback (b036wg0c)

This week the BBC announced that the Today programme is to get a new presenter - a female one. Mishal Husain will join the Today line-up in the Autumn and, along with Sarah Montague, will take the ratio from 1 in 5 female to male presenters, to 2 in 6. Feedback listeners welcome the announcement.

But it's not all jubilation. We hear reaction to the BBC's Annual Report. Some of it made for "grim reading" according to the DG Lord Hall. £5 million spent on three separate inquiries into the Jimmy Savile scandal, as well as £25 million paid out in severance payments, and £98 million lost on the failed Digital Media Initiative.

Roger Bolton speaks to Lord Hennessy and asks whether his

new Radio 4 series 'Reflections' is a bit too soft on his political interviewees. We explore the art of the political interview with a man who's met them all.

And as outraged comments about The Archers' Matt and Lilian story that was only broadcast digitally continue to fill our postbag, we ask the boss of Digital Radio UK how easy and widespread digital listening really is.

Finally - Operation Drop-out returns! It's time, once again, to call on the good men and women who so diligently wrote to us last year with their examples of interviews where dropped telephone lines, sub-standard digital connections, and woeful mobiles had disrupted their listening pleasure. Listeners spotted some telephonic trouble in the Today studio this week - but are Today the only culprits? We'll be putting questions to the technology department soon so consider yourself conscripted for the cause.

Producer: Will Yates

A Whistledown production for BBC Radio 4.

FRI 17:00 PM (b036wg0f)

Coverage and analysis of the day's news. Including Weather at **5.57pm**.

FRI 18:00 Six O'Clock News (b036tdgd)

The latest national and international news from BBC Radio 4.

FRI 18:30 The News Quiz (b036wg0h)

Episode 4

A satirical review of the week's news, chaired by Sandi Toksvig. With panellists Jeremy Hardy, Jon Richardson, Vicki Pepperdine and the Telegraph's Michael Deacon.

FRI 19:00 The Archers (b036wg0k)

Jazzer is rushing to finish with the pigs as he wants to get to the ceilidh

Kenton has everything under control for the ceilidh. He is desperate to ask Jolene something but they are interrupted by Lilian.

Lilian confides in Jolene that she is still pretty much in the dark about what Matt is up to. And on top of everything else they have discovered asbestos at the Gilbert's Cross development.

As Lilian leaves, Kenton tries to grab a private word with Jolene but they are interrupted by Tony. In frustration Kenton goes to check on the ceilidh.

Jamie and Jazzer are throwing themselves into the ceilidh.

Jamie's not drinking too much as he wants a clear head for his

18th tomorrow. To their annoyance they end up as dance
partners.

Jolene is busy in the bar as Tony fills her in on how the organ fund is coming along. She is convinced Kenton wants to ask her something so sneaks upstairs to find him, but Kenton is tonguetied. Jolene pre-empts his question and says yes, she will marry

Jazzer is the first to congratulate them but asks when they've finished snogging is there any chance of some service?

FRI 19:15 Front Row (b036wg0m)

Wadjda, Philipp Meyer, Alison Balsom, Paul Franklin

With John Wilson.

Wadjda is the first film from Saudi Arabia to be directed by a woman, Haifaa Al Mansour. It's the story of an 11-year-old girl who enters a Koran recitation competition in order to buy a bike with the winnings, even though women are discouraged from cycling and are banned from driving cars. Critic Shahidha Bari delivers her verdict.

American writer Philipp Meyer's ambitious new novel, The Son, maps the legacy of violence in the western United States. When a young man is taken captive by the Comanches, he learns to adapt to their way of life before their tribe is destroyed by disease, starvation and an overwhelming number of armed, white settlers. Philipp Meyer discusses the breadth of scope and the five years it took to research and write - of his epic 560-page novel.

Starring trumpet soloist Alison Balsom, Gabriel opens at Shakespeare's Globe this evening. The play, set during the Glorious Revolution, showcases the music of Purcell through a combination of drama, instrumentals and songs. John talks to Balsom, as well as the play's director Dominic Dromgoole,

about the project.

Producer Karla Sweet.

FRI 19:45 15 Minute Drama (b036wfzs)

[Repeat of broadcast at 10:45 today]

FRI 20:00 Any Questions? (b036wgjb)

Lord Lawson, Lord Ashdown, Kate Hoey, Baroness Neuberger

Jonathan Dimbleby presents political debate and discussion from Bridport in Dorset with Lord Ashdown, Kate Hoey MP, Baroness Julia Neuberger and former Chancellor of the Exchequer Lord Lawson.

FRI 20:50 A Point of View (b036wgjg)

A Big Day for Bert and Ernie?

The recent New Yorker cover showing Sesame Street's Bert and Ernie as a gay couple, delighted by the American Supreme Court ruling that the Defence of Marriage Act is unconstitutional, prompts Sarah Dunant to reflect on the power of cartoons to convey social messages.

"Those cartoon characters - or their puppet equivalents - which touch us at our most formative moments of early childhood will become part of the bedrock of our cultural belonging." Producer: Sheila Cook.

FRI 21:00 Saturday Drama (b01kjgp9)

The Hound of the Baskervilles

When Sherlock Holmes hears the strange tale of the Hound of the Baskervilles, he despatches Watson to Dartmoor to begin solving the mystery. Hostile yokels, alarming acquaintances, an escaped murderer and the deadly Grimpen Mire conspire to make Watson more baffled than ever, until Holmes turns up in disguise to take over the investigation.

Peepolykus Theatre Company play fast and loose with Conan Doyle, including a Spanish Holmes, in a comic take on this classic yarn, recorded in front of a live audience in Bristol earlier this year

Adapted from Sir Arthur Conan Doyle's original story by Steven Canny & John Nicholson Directed by Alison Hindell

Recorded at Queen Elizabeth's Hospital School Theatre, Bristol, for Radio 4's More Than Words Festival.

Peepolykus Theatre Company's previous stage productions include The Hound of the Baskervilles, Spyski and, for Radio 4, Marley Was Dead.

FRI 21:58 Weather (b036tdgg)

The latest weather forecast.

FRI 22:00 The World Tonight (b036whz3)

Detroit to rebound 'stronger' after bankruptcy filing, should Alan Turing be pardoned, why are package holidays popular again, and Bruce Lee is remembered in Hong Kong 40 years after his death. With Carolyn Quinn.

FRI 22:45 Book at Bedtime (b036whz5)

Their Eyes Were Watching God

Episode 5

Written by Zora Neale Hurston

Episode 5

Now Joe is Mayor of Eatonville he doesn't want his wife mixing with the ordinary townsfolk - to Janie's frustration. And when she ventures to make her feelings known, he starts to criticise her.

This African-American classic was first published in the 1930s and is seen as one of the greatest American novels of the twentieth century. The author, Zora Neale Hurston, grew up in Eatonville, Florida, the first incorporated black town in America. Nearly every black female writer of significance - including Maya Angelou, Toni Morrison and Alice Walker - acknowledges Zora Neale Hurston as her literary foremother.

"A rigorous, convincing and dazzling piece of prose, as emotionally satisfying as it is impressive." Zadie Smith

Read by Adjoa Andoh Abridged and produced by Jane Marshall A Jane Marshall production for BBC Radio 4.

FRI 23:00 A Good Read (b036v8b0)

[Repeat of broadcast at 16:30 on Tuesday]

FRI 23:30 Today in Parliament (b01s483s)

The latest news from Westminster