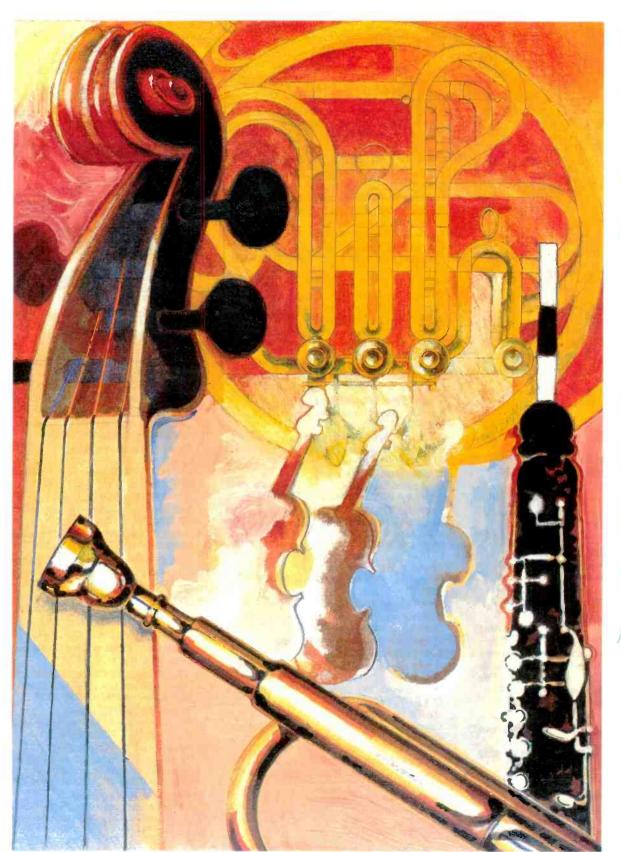


NOVEMBER 1990

INSTRUMENTS OF THE



page 11

The transmission times of regular programmes given on this page are intended only as a general guide. Some changes will inevitably occur, and readers are asked to check the timing of individual programmes on the Day to Day pages

World News (9/5/1 min)

Broadcast daily in the World Service 0200, 0300, 0500, 0700, 0800, 0900, 1100, 1300, 1600, 1700 (ex Sats) 2000; 5-Minute News 1400 (Mons-Fris), 2300 (daily); News Summary 0100, 1000, 1200 (Suns only), 1400 (Sats and Suns only), 1700 (Sats only); 1900, 2100

Newsdesk (30 min)

Including World News and despatches from overseas and UK correspondents daily 0000, 0400, 0600, 1800

Newshour (60 min)

A comprehensive look at the major topics of the day, plus up-to-the-minute international and British news daily 2200

Newsreel (15 min)

News of events as they happen and despatches from BBC correspondents all over the world daily 0215 (South Asia), 1200 (ex Suns),

News About Britain

(5 min) Daily 0309, 1109, 1609

Twenty-Four Hours

(20/45 min)

Analysis of the main news of the day daily 0509, 0709, 1309

British Press Review

Survey of editorial opinion in the Press daily 0209, 0909

The World Today

(15 min)

Examines thoroughly one topical aspect of the international scene

Mons-Fris 1645 rep 2009, Tues-Fris 0145 (South Asia), Tues-Sats 0315, 0545, 0915

Commentary (5 min)

Background to the news from a wide range of specialists Mons-Fris 1709, 2305

Outlook (25 min)

An up-to-the-minute mix of conversation, controversy and colour from around the world. plus the latest developments here in Britain Mons-Fris 1405, 1901, Tues-Sats 0101

Financial News (9/5 min)

Including news of commodity prices and significant moves in currency and stock markets Mons-Sats 0930, Mons-Fris 1925, 2310, Tues-Sats 0125, 0530, brief news Mons-Fris 0625, 0728, 1328, 1825 approx, Tues-Sats 0025, daily in Newshour 2225

Financial Review (9 min)

A look back at the financial week Sats in Newshour 2225 approx rep Suns 0530, 0930

Worldbrief (15 min)

A 15-minute roundup of the week's news headlines, plus everything from sport and finance to best-sellers and the weather Fris 2315, Sats 0445, 1115

A Jolly Good Show (45 min)
Dave Lee Travis presents your record requests and dedications in his own unique way. including the Album of the Month Sats 0815 rep 2315, Tues 1515

Andy Kershaw's World of Music (15 min)

Mons 0215 rep 0945, 1330, Thurs 0445

Anything Goes (30 min)

A variety of music and much more. Send your requests to Bob Holness Suns 1430 rep Mons 0330, 0830

Assignment (30 min)

Weekly examination of a topical issue Weds 2030 rep Thurs 0230, 1001, 1615

Book Choice (5 min)

Short book reviews with two editions each week Sats 2310 rep Tues 1125, Thurs 0140; Suns 0225 rep Mons 0925, 1455; Suns 0940 rep

Business Matters (15 min)

Weekly survey of commercial and financial news Tues 2115 rep Weds 0815, 1445

Country Style (15 min)
With David Allan Weds 0145 rep 0445, 1115

Development '90 (30 min)

Reflecting aid and development issues Tues 1930 rep Weds 0730, 1330 (page 5)

Discovery (30 min)

An in-depth look at scientific research Tues 1001 rep 1830, Weds 0330

Europe's World(15 min)

A magazine programme reflecting life in Europe and its links with other parts of the world Mons 2115 rep Tues 0145, 0445

Focus on Faith (30 min)

Comment and discussion on the major issues in the worlds of faith *Thurs 1830 rep Fris 0330*, 1001

From Our Own Correspondent (20 min)

BBC correspondents comment on the back-ground to the news Sats 2130 rep Suns 0330, 0730

From the Weeklies (15 min)

A review of the British weekly Press Sats 0030 rep 0730, 1945

Global Concerns (15 min)

Keeping ahead on environmental issues Thurs 2115 rep Fris 0145, 1115

Good Books (15 min)
Recommendation of a book to read Sats 1345 rep Mons 0315, Weds 2315, Thurs 0815

Health Matters (15 min)

Keeping track of new developments in the world of medical science, as well as ways of keeping fit Mons 0815 rep 1115, 1945, Weds 0215

Here's Humph! (15 min)

All that jazz Fris 1945 rep Sats 0145, 0430,

In Praise of God (30 min)

A weekly programme of worship and meditation Suns 1030 rep 1715, Mons 0030 (page 5)

Jazz for the Asking (30 min) Sats 1830 rep Suns 0630 rep Weds 1030

Jazz Now & Then/Folk in Britain (15min)

Jazz one week, folk the next Thurs 1345 rep Fris 0130, 0445

John Peel (30min)

Selects tracks from newly released albums and singles from the contemporary music scene Sats 1401 rep Tues 0330, Thurs 0830

Letter From America (15 min)

With Alistair Cooke Sats 1015 rep Suns 0545, 1645, 2315

Megamix (30 min)

Compendium of music, sport, fashion, health, travel, news and views for young people Tues 0030 rep 1130, 2130

leridian (30 min)

Each week, three topical programmes about the world of the arts Sats 0630 rep 1130, 2030; Tues 2030 rep Weds 0630, 1130; Thurs 2030 rep Fris 0630, 1130

Multitrack (30 min)

1 World Service Top Twenty Mons 1830 rep 2330, Tues 1215; 2 New pop records, interviews, news and competitions Weds 1830 rep 2330, Thurs 1215; 3 Latest developments on the British contemporary music scene Fris 1830 rep 2330, Sats 1215

Music for a While with Richard Baker (45 min) Suns 0815 rep 2115, Thurs 1515

Music Review (45 min) News and views from the world of music Thurs 2315 rep Fris 0815, 1515

My Music (30 min)

The popular musical quiz Mons 1715 rep Weds 0830, Fris 1330

Network UK(15 min)

Looks behind the issues and events that affect the lives of people throughout the UK Mons, Weds, Fris 1930 rep Tues, Thurs, Sats 0215, 0945, 1330

New Ideas (20 min)

A weekly look at the world of technology innovation and new products Mons 1615 rep Tues 0730, Weds 1215

Off the Shelf (15 min)

Daily readings from the best of world literature Mons-Fris 0430 rep 1430 (page 9)

Omnibus (30 min)

Each week a half-hour programme on almost any topic under the sun *Tues 1615 rep Weds 0030*, 1001

People and Politics

Background to the British political scene Fris 2130 rep Sats 0230, 1030 Personal View (15 min)

Of topical issues in British life Suns 0445 rep 2009, Mons 1345, Tues 0130

Recording of the Week (15 min)

A personal choice from the new releases Sats 0045 rep Mons 0545, Weds 2145, Thurs 1445

cience in Action (30 min) Fris 1615 rep 2030, Suns 1001

Seven Seas (15 min)

Weekly programme about ships and the sea, with Malcolm Billings Thurs 1930 rep Fris 0215, 0945

Society Today (15 min)

A weekly look at changes in Britain Sats 2009 rep Suns 0315, 0945

Sports International (30min) *Mons 2130 rep Tues 0230, 1030*

ports Roundup (15/14/9/5 min)

Mons-Sats following the 0930 Financial News, 1245; daily 1745, 2101; Suns only 1345 Sportsworld (180 min)

Weekly sports magazine Sats 1430, 1515, 1615

The Farming World (15 min) Thurs 0145 rep 0645, 1115, 1945

The Ken Bruce Show (30 min)

Suns 0030 rep 1130, 1830

The Vintage Chart Show (30 min) Past top twenty hits with Paul Burnett Sats 0330 rep Mons 1030, 2030

Waveguide (10 min)

How to hear World Service better Mons 0530 rep Tues 1115, Thurs 0130

Words of Faith (5 min)

People of all faiths share how their scripture gives authority and meaning to their lives daily 0540 rep 0809, 2025; Sats, Suns 2305

Write On... (10 min)
Air your views about BBC World Service: write to PO Box 76, Bush House, Strand, London WC2B 4PH Sats 2150 rep Suns 0350, 0750

London Calling is the programme journal of the BBC World Service in English. To listen to our worldwide transmissions you will need, in most cases, a short-wave radio set, although in some areas we also broadcast on long and medium wave and FM/VHF. On the frequency pages of this edition you will find a guide to the current recommended transmission and frequency times for your area. We work in Greenwich Mean Time or GMT (which some listeners might know better as UTC) so you will have to convert this to local time.

UMP up the volume! November offers a wonderful choice of music on BBC World Service that should suit every taste and respond to every mood.

Whatever sort of music you enjoy, the chances are you will hear an orchestra, part of an orchestra or simply an instrument that belongs to a section of an orchestra. If you have ever wanted to know more about the backbone of the classical tradition, Instruments of the Orchestra will guide you through the various instruments as well as talking to the musicians who play them.

To mark 50 years of the BBC broadcasting to Asia, the Eastern Service is putting on a live music spectacular. Technically, it is a hugely ambitious project that will link six centres throughout Asia. Musically, it promises of feast of sounds from sitars, flutes, tablas and veenas.

The great Aaron Copland, who wrote Fanfare for the Common Man and Billy the Kid, is 90 this month. He is Composer of the Month and Omnibus offers a special birthday tribute.

Another talented musician in quite another field, the singer-songwriter Phil Collins, talks about his life and work over the past 20 years in The Compleat Collins.

On Sunday November 11th, it is Remembrance Sunday, when wreaths of poppies are laid at the statues of the Unknown Soldier; services are held to remember the dead of two world wars and two minutes' silence are observed to honour those who gave their lives. There will be a live broadcast of the Cenotaph Service in London attended by the Queen.

It is also Armistice Day, the anniversary of the day that the First World War ended. The World Service pays tribute to the millions of unknown soldiers in a special programme, The Fallen, that draws on contemporary diaries and letters to evoke the atmosphere of life in the trenches. The Fallen describes how war cemeteries are cared for today and talks to the people who tend the graves.

In Praise of God holds a special service from Bristol in the west of England, to remember the victims of war, past and present, across the world.

The first world war poet, Rupert Brooke, who tragically died at the age of 27, is the subject of a Play of the Week, his work enduring to this day as a lasting testament to the horror of war.

Joseph Heller's Catch 22 is a more modern diatribe against war. It is read in Off The Shelf.

We continue to live in turbulent times and The Making of the Middle East examines how this volatile area has evolved over the centuries by looking at some of the key personalities in the region's history.

Cover: John Hills

IN THE NOVEMBER ISSUE:

AT A GLANCE Regular programmes

FEATURES Preview

DRAMA Preview

MUSIC Preview

SPORT Preview

THE EASTERN SERVICE Live Music Spectacular

DAY TO DAY
Programme guide

ALTERNATIVES For Africa, Asia. Caribbean, 648 for Europe

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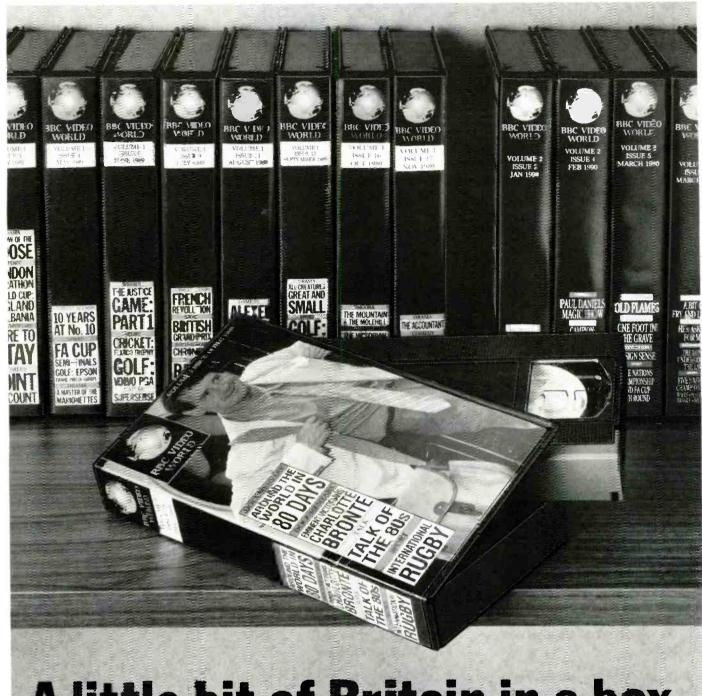
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Volume 19 Number 11

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And Now In Colour (30 min)

And Now In Colour are four young performer/writers, who received great acclaim from both audiences and critics when they first performed.

In each programme they mix songs. sketches and stories. They also involve the "live" studio audience who are taken on a variety of imaginary day-trips: for instrace, the seaside (where the audience sneak off home early); the London Marathon (the audience never finishes): and Salisbury Plain. (on a NATO exercise).

• Weds from 7th 1530 (ex 28th) rep Thurs 0030, 1030 (ex 29th)

Back to Square One

(8 x 30 min)

The last three programmes of the quiz game in which two competing teams try to find the origins of some of the more obscure phrases that colour the English language.

As usual, the teams tackle the questions without turning a hair". Chairman Chris Serle (right) awards the points - if the competitors are "worth their salt" Producer Paul Z Jackson "rules the roost

Suns till 18th 2030 rep Mons 1215, Thurs 0330



Development '90

(30 min)

The Development programme started in 1986 in response to the feeling that the World Service, rather than covering the long-term problems of developing countries, was getting involved only when there was a famine or a coup.

The programme continues to look at how peoples' lives are shaped by local selfhelp projects, aid agencies and inter national politics.

The team would like to get your views on what makes a good development project it can be real or imagined - so it has organised a competition.

Please write 200 words on "My favourite development project" and send your entries by November 30th 1990, to: Development 90 Competition, 809 CB. BBC. Bush House. London. WC2B 4PH. Winners get books and T-shirts!

• Tues 1930 rep Weds 0730, 1330

The Fallen

The Great War of 1914-1918 was truly a world war, involving 70 million combatants from every continent in military action in the Pacific, the Atlantic, Africa, the Middle East and the Balkans, as well as in the muddy trenches of Western Europe.

The social and political repercussions of that war are still with us today, as are the huge battlefield cemeteries and thousands of war memorials. In nearly every town and village of Europe these record the names of many of the nine million who died in that bloody conflict.

This year Remembrance Sunday, when special services are held and wreaths of poppies laid, coincides with Armistic Day, which honours the day the First World War ended.

The Fallen is a special programme commemorates the fighting men from many countries who gave their lives, and examining how they live on in our collective memory.

Drawing on archive material - poems, letters and diaries - it gives a sense of what it was like in the trenches then, and in the quiet graveyards today.

Compiled and presented by Nick Rankin, The Fallen tells the story of the Unknown Warriors buried 70 years ago in Paris and London and looks at the ceremonial way the State remembers. It is also about why each individual citizen should never forget.

• Sun 11th 0815 rep 1515, 2115



(30 min)

On Remembrance Sunday, people throughout the United Kingdom and the world pay tribute to those who died in the two World Wars.

The poet Lawrence Binyon wrote these moving words to honour those who perished:

They shall not grow old, as we that are left grow old: Age shall not weary them, nor the years condemn. At the going down of the sun and in the morning We will remember them.

In a special service for In Praise of God, from the University and Parish Church of St Paul's, Bristol, we recall the thousands of victims of war and violence. including those caught in conflicts today 11th.

• Suns (ex 11th) 1030 rep 1715, Mons 0030



The Unknown Soldier.

Cenotaph Service

(1 x 50 min)

Tom Fleming describes the scene in a live broadcast from the Cenotaph in London's Whitehall, as representatives of the armed forces and the Commonwealth countries assemble for the annual ceremony in honour of those who have died in the service of their country.

The Massed Bands of the Guards Division play a traditional programme of music beginning with Rule Britannia and ending with Solemn Melody. After the 11 o'clock chimes from Big Ben comes a two-minute silence, followed by the wreath-laying ceremony led by Her Majesty the Queen, and a short service.

• Sun 11th 1030



Hoax (6 x 30 min)

Most of us, at some time in our lives, will hear a story that is so outrageously funny, or that contains such an amazing coincidence. we wonder if it really can be true.

And yet it is often said that the truth is stranger than fiction.

In Houx. Tim Brooke-Taylor (left) and the studio audience try to distinguish fact from falsehood.

There are three panellists: each one tells a story. Two are true, but the third is a

hoax. Can you spot the hoaxer?

The series begins with stories from Ian Wallace, Maureen Lipman and John Wells. Producer Edward Taylor.

• Suns from 25th 2030 rep Mons 1215, Thurs 0330

Immortal Diamonds

(6 x 30 min)

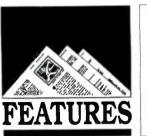
Since earliest times. poets have tried to make sense of the world. This has often involved a relationship with God: for some, a deeply-held faith. for others there was doubt; and for others. denial of God's existence. In this series.

Rosemary Hartill takes six poets, writing in English, and explores their relationships with God.

The first programme looks at a romance set in the court of King Arthur, written by an unknown 14th century poet 4th

The series also deals with John Milton (above) who wrote the epic Paradise Lost in the mid-17th century: the visionary William Blake. Robert Browning. Emily Dickinson and Stevie Smith.

• Suns from 4th 1401 rep 2330, Mons 0630, 1001



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Tales From Wales

Presenter Roger Worsley travels the length and breadth of Wales: to mountains and valleys. churches and castles, to bring to life some of the fascinating tales and legends of darkest murder. ill-fated romance, impossible feats and unexplained mysterles which lie buried by time.

Discover what happened to the Doomed Lovers of Lleyn 5th: peer into The Hyssington Boot 12th: unravel the connection between Rosebud and the Missing Finger 19th: and hear the haunting sounds of the music composed by The Blind Harpist 26th.

• Mons from 5th 1635 rep Tues 0750, Weds 1235



The Germans

(6 x 30 min)

Concluding the series on Germany, past and present, the penultimate programme shows how a newly-united Germany will have land-borders with no less than nine European countries.

In Through the Eyes of the Neighbours, a Frenchman, a Pole, a Dutchman and an Austrian, representing four countries who

have had difficult relations with Germany in the past, discuss the re-emergence of their powerful new neighbour. 1st

In A New Beginning, presenter David Wheeler asks to what extent unification can fulfill the old dream of Germany being a democratic nation state?

Is annexation by the Federal Republic the answer to East Germany's "peaceful revolution"?

How will the EC cope with an enlarged state of 80 million Germans? Can it fit into a European security system? 8th

• Thurs until 8th 2130 rep Fris 0730,

The Learning World (13 x 15 min)

Studying for a degree in pop music (to be named a B.Pop?) may seem to be a joke at the expense of the sometimes pompous world of higher education.

In Britain, music is a major export, and far from offering just a short term job. it can offer a rewarding career. This new degree reflects the importance of a multimillion pound industry and its growing international role.

The way in which examinations are held, both at school and after, is moving away from the traditional written exam with invigilators.

What protection can there be under the new arrangements for those accused of cheating?

John Turtle reports on education and training worldwide.

• Fris 1445 rep Suns 0915, Mons 0445

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The Making of the Middle East

(5 x 30 min)

Present-day crises mean that the Middle East is seldom out of the news. Many of the themes of the current tensions – oil, religion, nationalism – are rooted in history.

The Making of the Middle East tells the story of this turbulent region in the formative period between the First World War and the Suez crisis of 1956.

Focusing on the role of five leading nationalist figures – Ataturk, Ibn Saud, Ben-Gurion, Mosaddeq and Nasser – it explores how separate nation states emerged from the ruins of the Ottoman empire and then struggled to free themselves from European colonial rule.

The story is told, as far as possible, by eye-witnesses from Britain, the United States and the Middle East. They shed a fascinating light on a host of questions: why is Turkey poised so

What Do Muslims Believe?

(5 x 30 min)

With the strength of Islam being a factor in so many of the world's recent crises, non-Muslim societies have been made aware how diverse Islam is in its theological understandings, its community expressions and its political ambitions.

In the repeated series What Do Muslims Believe? Professor John Bowker. Dean of Trinity College Cambridge, sets out to tackle the misconceptions he believes many people have about Islam, and to reflect upon its faith, development and diversity.

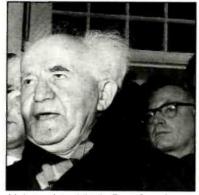
In the first programme, he puts Islam into context, describes its origins and explains the importance of *The Qur'an* for modern life **15th**.

Next. he discusses the development of an Islamic state. He asks Muslims what they believe about non-Muslims and examines the concept of *Jihad*, the Holy War **22nd**.

The question of Islamic education and how Muslims regard family and personal relationships is discussed in the third programme **29th**.

Thurs from 15th 2130 rep Fris
 0730, 1215







Makers of the Middle East: Ben-Gurion of Israel. Nasser of Egypt.

for all its petrodollars, so vulnerable to regional upheavals? What are the origins of the Arab-Israeli conflict? Why did the CIA topple an Iranian prime minister and put the Shah back on his "Peacock Throne"?

In *The Making of the Middle East* **Roger Hardy** seeks answers to these and other questions whose fateful consequences still haunt us in the 1990s.

Suns from 18th 0230 rep 0615, Mons 0730

The Science of Sound

(5 x 30 min)

uncomfortably

between Europe and

Why is Saudi Arabia.

the Islamic East?

Toyah Willcox continues her aural exploration. She investigates the psychology of sound: discovers how music affects our moods and how the right noises add atmosphere to radio and televison programmes 4th.

Sound is with us wherever we are: in the last programme Toyah looks at the way restaurants and other public places use

music – to good or bad effect – and how music can be used to help mentally-handicapped people **11th**.

• Suns until 11th 0230 rep 1615, Mons 0730

They Made Our World

(26 x 10 min)

Here is a second chance to hear this acclaimed series, presented by **John Newell** World Service Science Editor. (see feature page 18).

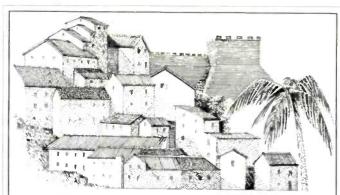
The world we know today has been shaped by the discoveries and inventions of pioneering scientists and technologists in many fields over the centuries.

John Newell introduces some of these great individuals and their work. His subjects range from Newton to Einstein, from James Watt to Henry Ford, and from antibiotics to the atom bomb. John asks why their work was so

revolutionary, what sort of people they were, what others thought of them at the time - and, above all, what difference their work makes to our lives today.

The series begins in 17th century England with Sir Francis Bacon, the Lord Chancellor who had a grand scheme for reorganising the world of learning, but who died of pneumonia after stuffing a chicken with snow in one of his own experiments.

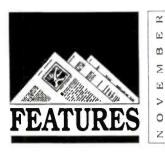
• Suns from 11th 0215 rep Mons 0915, 1445



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Poems by Post

Nearly 2,000 listeners from all over the world sent in entries for the World Service Poetry Competition run by Poems by Post.

The winner was Mobilization by Karen Alkalay-Out. Israel: second was The Old Lady on the Hill by Heather Williams. France: and third prize went to Dr Satya Dev Jaggi. Nigeria for Ending Apartheid.

The poems have already been read over the air, but here is a chance to see the winner in print:

MOBILIZATION

A month before mobilization my daughter lies beside me and talks the way she did at naptime when she was three

When I groan I need to sleep she pats my stomach and sings the tuneless lullaby my mother sang to me:

Like blinds my eyes flash open: How does she know it? She laughs, chattering in that tongue she never learned.

The night before her mobilization friends come to say goodbye as if she were embarking on a long journey. But there is only a kitten. 3 pairs of socks, long underwear and a funny doll God knows where she will hide

"Women belong in the same jobs as men." she retorts when the Rabbi on TV calls for a demobilization of all women from the army. Then "Men belong in the same jobs as women. in their homes, in the kitchen, in safe places away from the borders."

The current series of Poems by Post continues for another two months.

Unpublished poetry by listeners cannot be included in the programme, but if there are any poems by established authors you would like to hear, please send your request as soon as possible to Poems by Post, BBC, Bush House, London WC2B

• Mons 2315 rep Weds 1515, Thurs

Writers' Bookshelves (6 x 30 min)

Anne Theroux continues to find out how well-known writers built up their libraries. which books they read most often, and how they arrange them.

Novelist Edna O'Brien puts her books on the shelves in strict alphabetical order. She has entire bookcases devoted to James Joyce, Virginia Woolf and W B Yeats October 31st

Satirist Tom Sharpe goes for a more haphazard arrangement, with books in every room in the house, in no particular order, reflecting a huge range of interests: Evelyn Waugh, P G Wodehouse, gardening, Jung, and South Africa (from where Sharpe was deported in 1961) 7th.

• Weds until 7th 0230 rep 1715, Thurs 0730

DRAMA

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Appointment With Venus

(4 x 30 min)

Fifty years on from the invasion of the Channel Islands by German troops, World Service Drama provides another chance to hear this fictional account of those dark and difficult days.



Cow-towina Not Venus!

Captain Weiss, the new commandant of the island of Armorel, intends to rule the islanders through gentle persuasion. But. proud of their heritage, they are determined not to give up without a fight.

The focus of their heritage is the good cow Venus, carefully bred and recently mated to produce the finest pedigree calf.

The Germans plan to ship her to Berlin as a symbol of their territorial acquisition. To prevent her from falling into enemy hands. Britain's Secret Service prepares for a rescue operation. But how on earth do you steal a pregnant cow from a doting German commandant on an enemyoccupied island? Will they make it in time?

Jerrard Tickell's Appointment With Venus is adapted in four parts by Michael Bartlett and directed by David Hitchinson.

• Thurs from 8th 1130 rep 1715, Fris 0230

Lonelyheart 4122

Miss Teatime and Commander Trelawney appear to be planning marriage, but why did he fail to deposit £500 in their new joint bank account? Why did she send him to London to buy a non-existent boat? And what has all this to do with the disappearances of Lilian Bannister and Martha Reckitt? Find out in the final episode of Colin Watson's story

• Thurs until 1st 1130 rep 1715, Fris

Short Story

(15 min)

When her mother dies. Jennie feels angry and isolated. She refuses to visit the grave. but gradually pain gives way to loving memories. Forget Me Not is by Pnina Kass in Israel 10th.

Direct Line provides a view of death from the "other side". For the Colonel, the journey to heaven is by train. The story is by Peter Henham in Spain 17th.

Lost and Found is set in America after the First World War. Magda travels from Germany to join her husband, but speaking English causes her anxiety. By Marianne Gunther in Switzerland (24th).

• Sats from 10th 0130 rep 2115, Suns 1115 (ex 11th) 1145 (11th only)



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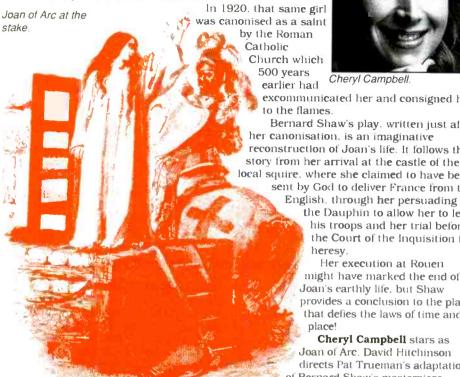
Suite M2, 31 Kensington Church Street. London W8 4L

PLAYS OF THE WEEK

Saint Joan

11 x 90 min)

In 1431 a French girl of 19 was burned at the stake as a heretic. She had led her country's armies against the English and engineered the crowning of the King of France's eldest son, the Dauphin, in Reims Cathedral,





Cheryl Campbell.

excommunicated her and consigned her to the flames

Bernard Shaw's play, written just after her canonisation, is an imaginative reconstruction of Joan's life. It follows the story from her arrival at the castle of the ocal squire, where she claimed to have been sent by God to deliver France from the

> the Dauphin to allow her to lead his troops and her trial before the Court of the Inquisition for heresy

Her execution at Rouen might have marked the end of Joan's earthly life, but Shaw provides a conclusion to the play that defies the laws of time and

Cheryl Campbell stars as Joan of Arc. David Hitchinson directs Pat Trueman's adaptation of Bernard Shaw's masterpiece.

• Sun 4th 0030 rep 1130, 1830

Eating Words

(1 x 60 min)

Since this Globe Theatre production was first heard on World Service last year, it has won a coveted Giles Cooper Award. not the first for US dramatist Richard Nelson

Henry, played by John Woodvine, is an English novelist. He gets together with



John Woodvine as Henry and Ed Asner as Sam in Eating Words.

American novelist Sam (Ed Asner) twice a vear for an uninhibited lunch

Henry, a homosexual, reveals that his black lover Keith has just died. His own illness has confined him to a wheelchair. Sam has his own troubles: his wife has recognised too many of the characters in his new novel. As the drinking intensifies. Sam takes Henry on a strange trip through London..

Sheila Allen and Emily Richard play supporting roles and the director is Ned Chaillet.

Sun 18th 0101 rep 1201, 1901

The Stalin Sonata

(1 x 75 min)

As Radio Moscow closes for the night, a listener phones. He wants a recording, by the following morning, of the Mozart Sonata by Maria Lvovna Dzerinsky.

Once the Soviet Union's most highly acclaimed pianist, she was accused of crimes against the state, convicted and

Rupert Brooke



On Remembrance Sunday, which this vear coincides with Armistice Day, here is an echo of the First World War in dramatic form.

Mark Payton's richly inventive oneman show traces soldier-poet Rupert Brooke's life from his Cambridge University days, through his "helpless. tortured love" for Ka Cox, his nervous breakdown, his friendships with J M Barrie, G K Chesterton, Bernard Shaw and Winston Churchill, the approach of war - "If Armageddon is on. I suppose one should be there" - to the "incessant mechanical slaughter of these modern

Curiously, his life ended in circumstances that even Brooke's rich imagination might not have envisaged

Rupert Brooke's story is told in his own words, with extracts from his letters and prose, interspersed with the poetry which has proved his lasting claim to fame

David Hitchinson directs.

• Sun 11th 0101 rep 1201, 1901

sent to prison. There she now languishes. her fingers broken during torture.

Can she be revived to record the sonata in time? Desperate measures are called for, because the listener who has made this odd request is none other than Stalin.

Barbara Jefford is Maria Lyovna Dzerinsky. Clive Merrison Semyon Paylovitch and Philip Voss Mikhail Karlovitch. The pianist is Mary Nash. The play, by David Zane Mairowitz, is another Giles Cooper award-winner. Directed by Richard Wortley.

• Sun 25th 0045 rep 1145, 1845

Off the Shelf (15 min)

Catch 22

The anti-war novel by Joseph Heller that introduces us to characters like Milo Minderbinder and Major M Major.

Set in 1943, it chronicles the experiences of Yossarian. the rebellious US Air Force lead

bombardier who discovers the meaning of "Catch 22"

He has flown the number of missions stipulated by his squadron and wants to be sent home. But the colonel keeps increasing that number, and according to Catch 22, the commanding officer must be obeyed. Quint Boa reads Alan England's adaptation 1st-14th.

Bella-Vista

The writer Colette is advised to leave Paris for a warmer climate in which to recover from bronchitis.

She buys a house in the south of France, and while it is being renovated moves into a guest house. Bella-Vista. It is run by Madame Suzanne and her American friend Madame

Ruby, a pair of real characters. quarrelsome yet clearly devoted to one another.

Colette finds something strange about them and is also uneasy about one of the other guests - the sinister M Daste.

Jane Lapotaire reads Bella-Vista, abridged by Meg Clarke 15th-26th.

Mons-Fris 0430 rep 1430



Best on Record

(10 x 30 min)

The critic's choice: Canadian William Littler recommends a Best on Record from 15 available recordings of Haydn's Surprise Symphony 2nd. And Nicholas Kenyon lines up 11 "traditional" versions of Handel's Water Music against six played on period instruments 9th.

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Rachmaninov's Rhapsody on a Theme of Paganini interpreted by Artur Rubinstein and, indeed, the composer himself, are among the recordings considered by Stephen Johnson 16th.

To end the series Rodney Milnes considers the nine available recordings of Mozart's opera Cosi fan tutte 23rd • Fris until 23rd 0030 rep 1030, 1715

'B' Side Beat

(10 x 15 min)

Mike Read remembers that feeling when, bored listening to a new pop single. he would turn it over to discover a musical gem on the other side.

The Compleat Collins

Phil Collins has enjoyed a remarkable career. He is best known as drummer and vocalist with the group Genesis, and then as a solo performer.

As a boy. Phil acted on stage, playing the Artful Dodger in the musical Oliver. More recently, he took the lead in Buster, a film about one of Britain's Great Train Robbers.

Buster Edwards.

But playing drums, singing and songwriting have always remained Phil Collins' first love.

Superstardom seems not to have changed him from the friendly person he has always been - a fact that has endeared him to the British public and his worldwide audience over the years.

In The Compleat Collins, a new series about the man and his music, it is Phil himself who takes us on a personal journey through his life: from his first drum kit to pop success.

In the company of DJ Mike Read. Phil talks openly about early influences and how he launched his career. He speaks about fame, fortune and even his failed marriage. He reminisces about some of his best moments. such as appearing at Live Aid in London in 1985. and then flying to Philadelphia on Concorde to appear the same day for the USA leg of that memorable concert.

• Tues 0630 from 27th rep Wed 1615, 2115

Some memorable concerts this month

K165: Symphony No 25 in G minor.

starting with Mozart's Overture from the

Marriage of Figaro. the Exsultate.Jubilate.

Berlioz's Sextet in B Flat, Op. 18.11th. Brahms's Sextet in B flat. Op. 18 18th.

Concert Hall

(45 min)

K183.4th.



Phil Collins: the complete artist

Each week he spins three or four "flipsides" and at the end of the show matches them up to their famous A-sides. So journey back to the halcyon days of the 7-inch single when the B-side was more than an instrumental copy of the A-side Fris 2115 rep Sats 1730, Suns 0430,

Tues 1345

Dvorak's Symphony No. 9 in E minor from his New World can be heard 25th.

• Suns 1515 rep Tues 2315

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In My Life: Lennon Remembered

(10 x 45 min)

There is no denying that one of the most famous songwriting partnerships of all time was that between John Lennon and Paul McCartney. It produced such classic Beatles songs as Here. There and Everywhere, Eleanor Rigby and Hey Jude.

In My Life: Lennon Remembered continues with an exploration of the musical and personal relationship between these two extraordinary talents. moves on to

collaborations with Phil Spector. Elton John and David Bowie: examines John's innovations with studio technique, and remembers his Give Peace a Chance years. when "Flower Power" reigned

John's other

• Sats 1901 rep Mons 0101, 1515

supreme



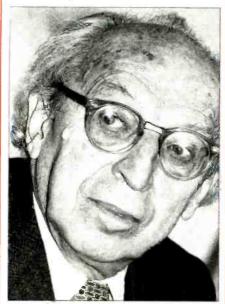
FREE COLLINS DICTIONARY

Composer of the Month

(30 min)

This month, the composer **Aaron Copland** is 90. As a birthday tribute. *Omnibus* presents a special programme about the man and his work and he is also *Composer of the Month*.

"If a young man at the age of 23 can write a symphony like this, in five years he'll be ready to commit murder!"



Well, he did not! Instead, the young Aaron Copland went on to compose orchestral favourites such as Fanfare for the Common Man. Billy the Kid and Appalachian Spring.

But those words from the conductor Walter Damrosch reflect a response Copland's music has often encountered.

Copland, sadly in failing health, can look back on great achievements, despite the occasional accusations of musical homicide.

Four programmes for *Composer of the Month* trace his career from its inauspicious beginnings in "drab street", as he called his birthplace in Brooklyn. New York.

Copland's extraordinary talent soon showed itself, and he took sound advice when he went to study, aged 20, in Europe in 1921. He immersed himself in the cultural hotbeds of Paris. Berlin and Vienna.

Pulling together all kinds of musical traditions. Copland learned from the refinement of Faure, the melodiousness of Weill, and the energetic rhythms and powerful dissonance of Stravinsky.

Adding ingredients from jazz and blues, he produced a new style of serious music that was international yet unmistakably American.

"I think I've helped to make art possible here." Copland once said. "I've tried to create an atmosphere of the arts at home in America."

• Mons 0230 rep 1130 Tues 1715

Omnibus

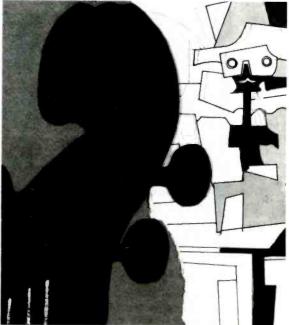
(30 min)

Peter Paul Nash presents a birthday tribute to Copland in Omnibus 14th.

● Tues 1615, rep Weds 0030, 1001

Instruments of the Orchestra

(16 x 15 min)



The modern symphony orchestra forms the very backbone of the Western classical tradition, so much so that we tend to take it for gramed.

In this new series the conductor and broadcaster **Bernard Keeffe** takes us behind the scenes to meet the principal players and learn something of the nature and history of the instruments they play.

Occupying the limelight this month are the violin **3rd**, the percussion section **10th**, the trumpet **17th** and the flute **24th**.

Waiting in the wings are the cello, harp, oboe, viola, trombone, timpani, clarinet, double bass. French horn, bassoon, tuba, and the orchestral keyboard instruments.

• Sats from 3rd 0745 rep Mons 0145, Tues 1445

Perfectly Franck (3 x 30 min)

November marks the 100th anniversary of the death in Paris, of the Belgian composer, César Franck (below).

Many music-lovers know Franck only for his Symphony in D minor, the Symphonic Variations for piano and orchestra and the Prelude, Chorale and Fugue for solo piano.

But Franck was also the composer of four operas, several large-scale sacred



works, orchestral tone poems, a host of chamber works not to mention considerable output for organ and piano.

He was one of the greatest organists of his day as well as a dedicated teacher, whose influence was felt by two generations of musicians in the French-speaking world.

In this portrait. **Roger Nichols** explores the life and work of a remarkable musician and an intriguing personality.

• Weds from 14th 0230 rep 1715, Thurs 0730

The Ones That Got Away

(10 x 15 min)

Patrick Martyn concludes his survey of stage musicals that London audiences failed to support.

The Rink. "a dark and brave musical", was a critical, though not a box office, success in both New York and London.

Sherlock Holmes – The Musical was home-grown but London would not accept its greatest detective pitting his wits against (and even dancing with) his mortal enemy Moriarty's beautiful but dangerous daughter. Bella.

• Sats until 3rd 0130 rep 2115, Suns

The Great Musicals

(10 x 30 min)

This month sees the welcome return of **Gordon Clyde** (*right*) to BBC World Service, as host of a series featuring top singers and orchestras playing the best-known tunes from *The Great Musicals*.

While you might know Gordon mainly as a broadcaster, he is also an actor, writer, pianist, singer and composer! He has appeared on the West End stages of London, in shows ranging from Maid of the Mountains to Hello Dollu.

Stand by for wonderful music and first-hand stories of life on and off stage.

Gordon starts by telling the story of the *Desert Song*, in which he started as the Red Shadow.

• Fris from 30th 0030 rep 1030, 1715





ovember heralds a busy month for sport lovers and there is World Service coverage on all the major events.

Cricket fans can look forward to the first Match of the 1990-91 five-test series. between England and Australia, in "Gabba" Brisbane, for the Ashes.

England's captain Graham Gooch will hope to carry on the record-breaking form he enjoyed during the summer.

His 333 against India in the first innings of the opening Test at Lord's was the sixth highest individual score in test match history, putting Gooch in the record books with Sobers, Hutton, Hammond, Bradman and Hanif Mohammed.

He followed his triple century with 123 in the second innings – only Hanif has scored more runs in a first class match.

Gooch took another century off the Indians in the second Test at Old Trafford, his fourth score of over 100 in the space of just three test matches.

However, the Australian pace attack will



Graham Gooch, still hungry for runs.

prove a lot more troublesome than India's, and Australian morale is still high after their 4:0 drubbing of England when they won the Ashes last year.

Daily reports from Brisbane are in all editions of *Sports Roundup* **23rd-27th**. Additional coverage is in *Sportsworld* **24th**.

Sports Roundup also reports on England's warm-up matches: against Western Australia **2nd-5th**; South Australia **9th-12th**; Tasmania **14th**; and an Australian XI 16th-19th.

Sportsworld features plenty of football action this month, with results, reports and commentary highlights on the second round, second-leg matches of the European Cup, the Cup Winners Cup and the UEFA Cup 2315-2330 7th.

There are also seven European Championship matches, including Bulgaria v Scotland and Republic of Ireland v England **14th**.

The third round, first-leg matches in the UEFA Cup are in *Sports Roundup* and *Sportsworld Extra* **2305**, **28th**.

You can listen to football commentary in Sportsworld every Saturday **1515**.

Enjoy plenty of other action including:

- The World Rowing Championships at Lake Barrington. Tasmania until **4th**.
- The Australian Grand Prlx. in Adelaide. the last of the year **4th**.
- Rugby Union internationals England v Argentina at Twickenham 3rd and Scotland v Argentina at Murrayfield 10th.
- Rugby League internationals: England v Australia second test at Old Trafford.
 Manchester 10th and third test at Elland Road, Leeds 24th.
- The World Weightlifting Championships in Budapest **10th-17th**.
- The Champions Trophy International Hockey Tournament in Melbourne 17th-25th.
- The ATP Tennis Finals in Frankfurt 12th-18th.
- The Davis Cup Final **30th-Dec 2nd**. and the World Cup of Golf in Orlando. Florida **23rd-26th**.

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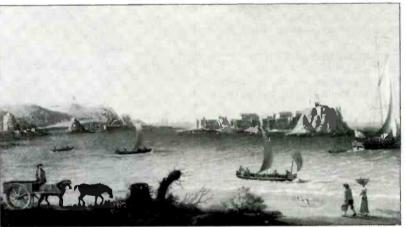
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THE EASTERN SERVICE



Live Music Spectacular for the Sub-Continent

n November 24th the airwaves over the Indian Sub-Continent will quiver to the sound of the sitar, the tabla, the veena and the flute, as the BBC puts on one of the most ambitious live concerts in its history.

The reason for the celebration is that 1990 marks 50 years of BBC broadcasting to the Sub-Continent in the national languages of the region. In 1940 the "Hindustani Service" began. This later developed into the Hindi, Urdu, Bengali, Tamil, Nepali and Pashto Services.

To celebrate as a family, music from six centres in the Sub-Continent, representing the different languages, will be broadcast live **24th**. Celebrated artists using local studios will link

together on six frequencies (see panel) and listeners will have the choice of listening to "music only" or to a concert interspersed with short news bulletins in their own languages.

This long live musical "chain" is planned to begin in the Bangladesh capital, Dhaka, at **1330**. Then it will be the turn of the musicians in Delhi to take up the thread.

At **1445** the musical focus moves north to Peshawar, where a Pashtun group will perform. Then it's up and over the Himalayas to Kathmandu, and from there the concert moves back to Islamabad.

Finally we move down to the far south and the Madras studios of All-India Radio, where Tamil musicians will bring the concert to an end.

A recent survey showed that more than 50 million of the World Service's 120 million regular listeners live in South Asia. They are among the most fiercely loyal (and often critical) of the BBC's listeners, and write about 110,000 letters each year to Bush House.

Head of Eastern Service William Crawley says: "This will be a technically tricky exercise, so we have our fingers crossed. But we think it will be both highly entertaining and a symbol of the common roots of our programming for the Sub-Continent."

It could indeed represent one of the largest international music radio events ever attempted live – which is why there will be back-up announcers and music available from a central

studio in Bush House.

"Many listeners tune in to more than one of our language broadcasts," says William Crawley. "There is intense crosslistening, for example, to the Hindi and Urdu transmissions. On November 24th we are inviting listeners all over the Sub-Continent to listen right across all our transmissions."

If they do – and if all the satellite links work out – they will hear two and a half hours of high-grade music, live. And the national radio stations are also expressing interest in rebroadcasting this historic event.

Barry Langridge

Transmission Details

The special concert begins at **1330** GMT and ends at **1600**. If you wish to listen to the concert only, it will be available on:

9605 Short Wave (31 metre band)

Other wavelengths available throughout the two and ε half hours (with short news bulletins):

1413 Medium Wave (212 metre band)
7235 Short Wave (41 metre band)
11720 Short Wave (25 metres)
11920 Short Wave (25 metre band)
15245 Short Wave (19 metre band)

And from **1500** to **1600** the following will also be available:

6065 Short Wave (49 metre band) 7105 Short Wave (41 metre band)

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DAY TO DAY

Special programmes for ■ AFRICA ▲ ASIA ● THE CARIBBEAN ◆ THE FALKLANDS

SATURDAY

November 3 10 17 24

0000 Newsdesk

- 30 From the Weeklies 45 Recording of the Week

0100 News Summary followed by

- Outlook
 25 Financial News
 30 Short Story (ex *3rd* The Ones That Got Away)
- 45 Here's Humph! 45 South Asia Survey

0200 World News

- 09 British Press Review
- 15 Network UK
- 30 People and Politics

0300 World News

- 09 News About Britain
 15 The World Today
 30 The Vintage Chart Show
 30 African News
- 35 Saturdays Only

0400 Newsdesk

- 30 Here's Humph!
 30 African News
- 35 Saturdays Only 45 Worldbrief

0500 World News

- 09 Twenty-Four Hours 30 Financial News
- 40 Words of Faith
- 45 The World Today

0600 Newsdesk

- 30 Meridian
 30 African News
 35 Saturdays Only

0700 World News

- 09 Twenty-Four Hours
 30 From the Weeklies
 30 African News
 35 Saturdays Only
- 45 Instruments of the Orchestra

0800 World News

- 09 Words of Faith 15 A Jolly Good Show

- 0900 World News 09 British Press Review 15 The World Today 30 Financial News followed by Sports Roundup
 - 45 Network UK

1000 News Summary followed by

- Here's Humph! 15 Letter from America 30 People and Politics

- 1100 World News 09 News About Britain 15 Worldbrief

 - 30 Meridian

1200 Newsreel

- 15 Multitrack 3 45 Sports Roundup

1300 World News

- 09 Twenty-Four Hours 30 Network UK

1400 News Summary followed by

- John Peel 30 Sportsworld

1500 Newsreel

- 00 3rd & 10th Arts and Africa: 17th & 24th African Theatre
 - 15 Sportsworld contd

1600 World News

- 09 News About Britain 15 Sportsworld contd

1700 News Summary followed by

Sportsworld contd

O0 World News

14

09 African News15 3rd & 10th Arts and Africa: 17th &

1800 Newsdesk

45 Sports Roundup

45 From the Weeklies 2000 World News

09 Society Today 25 Words of Faith 30 Meridian

Got Away

50. Write On.

2200 Newshour

0000 Newsdesk

Acannella)

0200 World News

0300 World News

30 African News35 Postmark Africa

45 Personal View

09 Twenty-Four Hours 30 Financial Review 40 Words of Faith

45 Letter from America

30 Jazz for the Asking
30 African News
35 Postmark Africa

0500 World News

0600 Newsdesk

50 Write On.

0800 World News

09 Words of Faith

50 Write On.

0400 Newsdesk

Talking From...)

09 News About Britain

Stalin Sonata

2300 World News

05 Words of Faith 10 Book Choice

15 A Jolly Good Show

SUNDAY

November 4 11 18 25

30 The Ken Bruce Show (ex 4th Play of the Week: Saint Joan, 25th

45 25th only Play of the Week: The

0100 News Summary (ex 4th & 25th) followed by Play of the Week: 4th Saint Joan contd; 11th Rupert Brooke: 18th Eating Words; 25th The Stalin Sonata contd

09 British Press Review 15 They Made Our World (ex 4th

25 (from 11th) Book Choice 30 4th & 11th The Science of Sound; 18th & 25th The Making of the

15 Society Today 30 From Our Own Correspondent

30 'B' Side Beat
30 4th & 11th African Perspective:
18th & 25th African Theatre

0700 World News
09 Twenty-Four Hours
30 From Our Own Correspondent
■ 30 4th & 11th African Perspective;
18th & 25th African Theatre

15 Music for a While with Richard

Baker (ex 11th The Fallen)

24th African Theatre 30 'B' Side Beat

■ 30 Jazz For The Asking
■ 30 Jazz For The Asking
■ 30 Jard & 10th Arts and Africa; 17th & 24th African Theatre

1900 News Summary followed by In My

Life: Lennon Remembered

2100 News Summary followed by Sports Roundup 15 Short Story (ex 3rd The Ones That

30 From Own Correspondent

- 0900 World News 09 British Press Review 15 The Learning World 30 Financial Review

 - 40 Book Choice

 - 45 Society Today

1000 News Summary followed by

Science in Action
30 In Praise of God (ex 11th
Cenotaph Service)

- 1100 World News (ex 11th)

 09 News About Britain (ex 11th
 Service contd)

 15 Short Story (ex 4th The Ones That
 Got Away; 11th Service contd)

 30 4th Play of the Week; Saint Joan;
 11th World News, 18th The Ken
 Bruce Show; 25th Acappella

 39 11th only News About Britain
 45 11th only Short Story; 25th only
 Play of the Week; The Stalin
 Sonata

1200 News Summary (ex 4th & 25th) followed by Play of the Week: 4th Saint Joan contd; 11th Rupert Brooke: 18th Eating Words; 25th The Stalin Sonata contd

1300 News and Twenty-Four Hours

- on Sunday 45 Sports Roundup

1400 News Summary followed by

Immortal Diamonds 30 Anything Goes

1500 Newsreel
00 4th & 11th African Perspective;
18th & 25th African Theatre
15 Concert Hall (ex 11th The Fallen)

1600 World News

- 15 African News
 15 African News
 15 4th & 11th The Science of Sound;
 18th & 25th The Making of the
 Middle East
 20 Postmark Africa
- 45 Letter from America

1700 World News

- 09 Book Choice 09 African News
- 15 In Praise of God
 30 4th & 11th African Perspective;
 18th & 25th African Theatre
 - 45 Sports Roundup

1800 Newsdesk

- The Ken Bruce Show (ex 4th Play of the Week: Saint Joan: 25th
- Acappella)
 30 Postmark Africa
- 45 25th only Play of the Week: The Stalin Sonata

1900 News Summary (ex 4th & 25th) followed by Play of the Week: 4th Saint Joan; 11th Rupert Brooke; 18th Eating Words; 25th The Stalin Sonata contd)

2000 World News

- 09 Personal View 25 Words of Faith 30 Back to Square One (ex *25th* Hoax)

2100 News Summary followed by

- Sports Roundup 15 Music for a While with Richard Baker (ex *11th* The Fallen)

2200 Newshour

2300 World News

- 05 Words of Faith 10 Book Choice
- 15 Letter from America
- 30 Immortal Diamonds

November 5 12 19 26

MONDAY

0000 Newsdesk

- 30 In Praise of God
 0100 News Summary followed by In My
 Life: Lennon Remembered
 45 Instruments of the Orchestra
- 0200 World News

09 British Press Review

- 15 Andy Kershaw's World of Music 15 Newsreel
- - 30 Composer of the Month

0300 World News

- 09 News About Britain 15 Good Books

- 30 Anything Goes
 30 African News
 35 Network Africa

0400 Newsdesk

- 30 Off the Shelf
 30 African News
 35 Network Africa
- 45 The Learning World

0500 World News

- 09 Twenty-Four Hours 30 Waveguide
- 40 Words of Faith 45 Recording of the Week

0600 Newsdesk

- 30 Immortal Diamonds
 30 African News
 35 Network Africa

0700 World News

- 00 World NewS
 09 Twenty-Four Hours
 30 5th & 12th The Science of Sound:
 19th & 26th The Making of the
 Middle East
 30 African NewS
- 35 Network Africa

- 0800 World News
- 09 Words of Faith 15 Health Matters 30 Anything Goes

0900 World News

- 09 British Press Review 15 They Made Our World (ex 5th
- Talking From...) 25 (from 12th) Book Choice 30 Financial News followed by

Sports Roundup 45 Andy Kershaw's World of Music

- 1000 News Summary followed by
 - Immortal Diamonds 30 The Vintage Chart Show

- 1100 World News
- 09 News About Britain 15 Health Matters
- 30 Composer of the Month

1200 Newsreel

- 15 Back to Square One (ex 26th
- Hoax)

45 Sports Roundup

- 1300 World News 09 Twenty-Four Hours 30 Andy Kershaw's World of Music 45 Personal View

1400 World News

- 05 Outlook 30 Off the Shelf 45 They Made Our World (ex 5th Talking From ... 55 (from 12th) Book Choice

1500 Newsreel 15 In My Life: Lennon Remembered 15 Focus on Africa

- 1600 World News
- 09 News About Britain
 15 New Ideas
 15 Focus on Africa
 35 Tales From Wales

45 The World Today 1700 World News

- 09 Commentary
 09 Focus on Africa
- 15 My Music 40 African News

45 Sports Roundup

- 1800 Newsdesk 30 Multitrack 1: Top 20
- 55 African News
- 1900 News Summary followed by
- Outlook

DDG WORLD SERVICE

DAY TO DAY

- 25 Financial News
- 30 Network UK
- 45 Health Matters

2000 World News

- 09 The World Today 25 Words of Faith 30 The Vintage Chart Show

2100 News Summary followed by

- Sports Roundup
- 15 Europe's World
- 30 Sports International

2200 Newshour

2300 World News

- 05 Commentary 10 Financial News
- 15 Poems by Post 30 Multitrack 1: Top 20

TUESDAY

November 6 13 20 27

0000 Newsdesk

30 Megamix

0100 News Summary followed by

- Outlook 25 Financial News 30 Personal View
- 45 Europe's World

 45 The World Today

- 0200 World News 09 British Press Review 15 Network UK
- 30 Sports International

0300 World News

- 09 News About Britain 15 The World Today 30 John Peel

- 30 African News35 Network Africa

0400 Newsdesk 30 Off the Shelf

- 30 African News
- 35 Network Africa
- 45 Europe's World

0500 World News

- 09 Twenty-Four Hours
 30 Financial News
 40 Words of Faith
- 45 The World Today
- 0600 Newsdesk

- 30 Rock Salad (ex 27th The Compleat Collins)
- 30 African News
 35 Network Africa

0700 World News

- 09 Twenty-Four Hours 30 New Ideas
- 30 African News
- 50 Tales from Wales

0800 World News 09 Words of Faith 15 Concert Hall

- 0900 World News 09 British Press Review

- 15 The World Today 30 Financial News followed by Sports Roundup 45 Network UK

1000 News Summary followed by

- 30 Sports International

1100 World News 09 News About Britain

- 15 Waveguide 25 Book Choice
- 30 Megamix

1200 Newsreel

- 15 Multitrack 1: Top 20 45 Sports Roundup

1300 World News

- 09 Twenty-Four Hours 30 Network UK
- 45 'B' Side Beat

1400 World News

- 05 Outlook 30 Off the Shelf
- 45 Instruments of the Orchestra

1500 Newsreel

- 15 A Jolly Good Show
- 15 Focus on Africa

1600 World News

- 09 News About Britain 15 Omnibus

45 The World Today

- 1700 World News 09 Commentary
- 09 Focus on Africa 15 Composer of the Month
- 45 Sports Roundup

1800 Newsdesk

- 30 Discovery 30 Focus on Africa
- 55 African News

1900 News Summary followed by

- Outlook 25 Financial News
- 30 Development '90

2000 World News

- 09 The World Today 25 Words of Faith

2100 News Summary followed by

- Sports Roundup
- 15 Business Matters
- Caribbean Report 30 Megamix
- 30 Calling the Falklands

2200 Newshour

2300 World News

- 05 Commentary 10 Financial News 15 Concert Hall

WEDNESDAY

November 7 14 21 28

0000 Newsdesk

- 0100 News Summary followed by
 - Outlook
 - 25 Financial News
 - 30 Mediawatch 45 Country Style

▲ 45 The World Today

- 0200 World News
- 09 British Press Review 15 Health Matters
- 30 Perfectly Franck (ex 7th Writers' Bookshelves

- 0300 World News 09 News About Britain 15 The World Today
 - 30 Discovery
- 30 African News35 Network Africa

- 0400 Newsdesk
- 30 Off the Shelf 30 African News
- 35 Network Africa
- 45 Country Style
- 0500 World News 09 Twenty-Four Hours 30 Financial News
 - Words of Faith

45 The World Today

- 0600 Newsdesk
- 30 Meridian

 30 African News ■ 35 Network Africa
- 0700 World News
- 09 Twenty-Four Hours 30 Development '90
- African News ■ 35 Network Africa

0800 World News

- 15 Business Matters
- 30 My Music

0900 World News

- 100 world News
 109 British Press Review
 15 The World Today
 30 Financial News followed by Sports
 Roundup
- 45 Mediawatch

1000 News Summary followed by

Omnibus 30 Jazz for the Asking

- 1100 World News
 - 09 News About Britain 15 Country Style
- 30 Meridian
- 1200 Newsreel

 - 15 New Ideas
- 35 Tales From Wales 45 Sports Roundup

- 1300 World News
- 09 Twenty-Four Hours 30 Development '90

1400 World News

- 05 Outlook 30 Off the Shelf
- 45 Business Matters

1500 Newsreel

- 15 Poems by Post
- 15 Focus on Africa 30 And Now In Colour (ex 28th Two Cheers For November)

- 1600 World News 09 News About Britain 15 Rock Salad (ex 28th The Compleat Collins)
- 45 The World Today 1700 World News
- 09 Commentary
- 09 Focus on Africa 15 Perfectly Franck (ex 7th Writers) Bookshelves

40 African News 45 Sports Roundup

- 1800 Newsdesk
- 30 Multitrack 2 30 Focus on Africa 55 African News

1900 News Summary followed by

- Outlook 25 Financial News

30 Network UK 45 Mediawatch

- 2000 World News 09 The World Today 25 Words of Faith
- 30 Assignment
- 2100 News Summary followed by
- Sports Roundup 15 Rock Salad (ex **28th** The Compleat Collins)

50 Recording of the Week

- 2200 Newshour
- 2300 World News 05 Commentary (ex 28th Sportsworld
- Extra)
- 10 Financial News
- 15 Good Books (ex 7th Sportsworld) 30 Multitrack 2

THURSDAY

November 1 8 15 22 29

0000 Newsdesk

30 And Now In Colour (ex 1st Two Cheers For October; 29th Two Cheers For November)

0100 News Summary followed by

- Outlook 25 Financial News
- 30 Waveguide 40 Book Choice
- 45 The Farming World ▲ 45 The World Today
- GMT ALL TIMES

0200 World News

- 09 British Press Review 15 Network UK
- 30 Assignment

- 0300 World News 09 News About Britain 15 The World Today 30 Back to Square One (ex *29th*
- Hoax)
- 35 Network Africa

0400 Newsdesk

- 30 Off the Shelf
- 30 African News 35 Network Africa
- 45 Andy Kershaw's World of Music

- 0500 World News
- 09 Twenty-Four Hours 30 Financial News
- 40 Words of Faith 45 The World Today

- 0600 Newsdesk
- 30 Poems by Post 30 African News

Network Afric 45 The Farming World

- 0700 World News 09 Twenty-Four Hours 30 Perfectly Franck (ex 1st & 8th Writers' Bookshelves

■ 30 African News ■ 35 Network Africa

- 0800 World News
- 09 Words of Faith 15 Good Books 30 John Peel
- 0900 World News
- 00 British Press Review
 15 The World Today
 30 Financial News followed by Sports

Roundup 45 Network UK

1000 News Summary followed by Assignment
30 And Now In Colour (ex 1st Two
Cheers For October; 29th Two
Cheers For November)

1100 World News 09 News About Britain 15 The Farming World 30 Appointment With Venus (ex 1st

- Lonelyheart 4122)
- 1200 Newsreel
- 15 Multitrack 2 45 Sports Roundup
- 1300 World News 09 Twenty-Four Hours 30 Network UK

45 Jazz Now and Then (ex 8th & 22nd Folk in Britain)

- 1400 World News
 - 05 Outlook 30 Off the Shelf 45 Recording of the Week
- 1500 Newsreel
- 15 Music for a While with Richard Baker (ex 15th Concert Hall)
- 1600 World News 09 News About Britain

15 Assignment 45 The World Today

- 1700 World News 09 Commentary
- O9 Focus on Africa 15 Appointment With Venus (ex 1st Lonelyheart 4122)
- 40 African News 45 Sports Roundup

1800 Newsdesk 30 Focus on Faith 30 Focus on Africa 55 African News

- 1900 News Summary followed by
 - Outlook 25 Financial News 30 Seven Seas
 - 45 The Farming World
 - - 15

BARCLAYS STAR PERFORMER

European stock markets have been amongst the best performing in the world over the past two years.

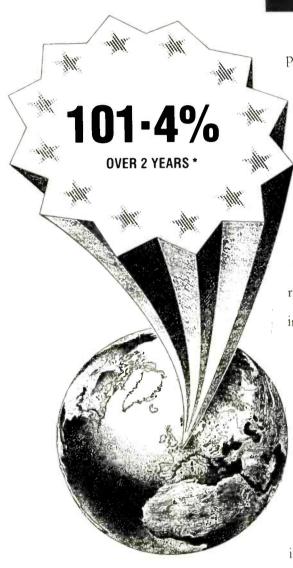
And our European Equity Fund** has enabled investors to share in this success story. Over the two years to 2nd July 1990, £1,000 has grown to £2,014* making Barclays European Equity Fund the no. 1 performing European Fund.

With all the opportunities that the single market within the EEC will bring and the economic restructuring in the East, Europe has been the place to invest in, and we believe will remain so in the future.

The Investment Advisor to the Fund is Barclays de Zoete Wedd Investment Management Limited, one of the City of London's leading investment houses and their expertise in identifying investment opportunities is a major factor behind the Fund's achievements to date.

For full details of Barclays European Equity Fund including a prospectus, just complete and send the coupon below:-

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Fund free and without obliga	ition on my part.
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41 AVENUE DE LA GARE,	FINIDS



* Source: Micropal 1.7.88 to 2.7.90 (Offshore European Equity Sector). Offer to bid with income reinvested. The Fund was launched on 15th January 1990 as a result of a relocation exercise involving Funds within the Barclays Group, and the performance figures quoted above relate in part to the predecessor Fund in Jersey. Past performance is not necessarily any guide to the future.

** Barclays European Equity Fund is a share class of Barclays Investment Funds (Luxembourg).

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GRAND DUCHY OF LUXEMBOURG

DAY TO DAY

2000 World News

- 09 The World Today
- 25 Words of Faith
- 30 Meridian

2100 World News followed by Sports

- Roundup 15 Global Concerns
- 30 What Do Muslims Believe? (ex 1st & 8th The Germans

- 2200 Newshour 2300 World News
- 05 Commentary 10 Financial News
- 15 Music Review

FRIDAY

November 2 9 16 23 30

0000 Newsdesk

30 Best On Record (ex 30th The Great Musicals)

0100 News Summary followed by

- Outlook
- 25 Financial News
- 30 Jazz Now and Then (ex 9th & 23rd Folk in Britain)
- 45 Global Concerns

0200 World News

- 09 British Press Review
- 15 Seven Seas

15 Newsreel

30 Appointment With Venus (ex 2nd) Lonelyheart 4122)

0300 World News

- 09 News About Britain
- 15 The World Today
- 30 Focus on Faith
- 30 African News 35 Network Africa

0400 Newsdesk

- 30 Off the Shelf 30 African News
- 35 Network Africa
 - 45 Jazz Now and Then (ex 9th & 23rd Folk in Britain)

0500 World News

- 09 Twenty-Four Hours
- 30 Financial News
- 40 Words of Faith
- 45 The World Today

0600 Newsdesk

- 30 Meridian
- 30 African News35 Network Africa

0700 World News

- 09 Twenty-Four Hours 30 What Do Muslims Believe? (ex 2nd & 9th The Germans)
- 30 African News 35 Network Africa

0800 World News

- 09 Words of Faith 15 Music Review
- 0900 World News

- 09 British Press Review
- 15 The World Today
- 30 Financial News followed by Sports Roundup
- 45 Seven Seas

1000 News Summary followed by Focus on Faith

30 Best on Record (ex 30th The Great Musicals)

1100 World News

- 09 News About Britain
- 15 Global Concerns
- Dateline East Asia
- 30 Meridian
- ▲ 45 Dateline East Asia

1200 Newsreel

- 15 What Do Muslims Believe? (ex 2nd & 9th The Germans
- 45 Sports Roundup

1300 World News

- 09 Twenty-Four Hours
- 30 My Music

1400 World News

- 05 Outlook
- 30 Off the Shelf
- 45 The Learning World

1500 Newsreel

- 15 Music Review 15 Focus on Africa

- 1600 World News
- 09 News About Britain 15 Science in Action
- 15 Focus on Africa

45 The World Today

1700 World News

- 09 Commentary
- 09 Focus on Africa
 - 15 Best on Record (ex 30th The Great Musicals)
- 40 African New
 - 45 Sports Roundup

1800 Newsdesk

- 30 Multitrack 3
- 30 Focus on Africa ■ 55 African News

1900 News Summary

- followed by Outlook
- 25 Financial News
- 30 Network UK
- 45 Here's Humph!

2000 World News

- 09 The World Today
- 25 Words of Faith
- 30 Science in Action

2100 News Summary followed by Sports Roundup

- 15 'B' Side Beat
- 15 Caribbean Repor 30 People and Politics
- 30 Calling the Falklands

2200 Newshour

2300 World News

- 05 Commentary
- 10 Financial News
- 5 Worldbrief
- 30 Multitrack 3

ALTERNATIVES

The winning entry in the recent Network Africa Tshirt design competition.

AFRICAN THEATRE

The 50th Anniversary African Theatre Season has as its centrepiece a specially commissioned play by Nigerian writer Ola Rotimi. Called When Criminals Turn Judges, it is a bittersweet comedy set in Nigeria shortly after the Civil War.

The African Theatre Season starts 17th and runs for six weeks with a new work by one of the continent's best

dramatists broadcast each week. • Sats from 17th 1500 rep 1715, 1830, Suns 0430, 0730, 1500, 1715

AFRICAN NEWS

Daily 0330, 0430, 0630, 0730; 1709 (Sats, Suns only); 1740, 1855 (ex Sats, Suns)

AFRICAN PERSPECTIVE

The spotlight falls on a major issue Suns until 11th 0430 rep 0730,

1500. 1715

ARTS AND AFRICA A forum for Africa's musicians, painters and performers Sats until 10th 1500 rep 1715, 1830

=== Europe

648 kHz

- MONDAYS
- 0000 As World Service in English 0359 Weather
- 0400 Newsdesk
- 0430 Letter from America
- 0445 News & Press Review in German 0500 German News Magazine
- 0535 News in German; headlines in English & French
- 0547 Press Review
- 0552 The Week Ahead 0556 Weather & Travel News
- 0600 As World Service in English 0630 French News magazine

1159 Travel News

- 0659 Weather 0700 As World Service in English
- 1130 French News magazine
- 1200 As World Service in English 1615 BBC English: language lesson
- 1630 German News magazine 1700 As World Service in English
- 1715 The World Today
- 1730 French News magazine 1814 News Headlines in English

- 1815 BBC English: language lesson
- 1830 German News and features
- 1954 News in German 2000 As World Service in English

TUESDAYS-SUNDAYS

- as Mondays except:
- 0430 The World Today Tues-Sats to 0430 Personal View Suns to 0445
- 0500 German features Sats, Suns to 0535 0552 Financial News Tues-Sats to
- 0556; Financial Review Suns to 0556
- 1115 Club 648 Sats to 1130
- 1659 Travel News Sats, Suns to 1700 1700 As World Service in English Sats

to 1730 1715 Club 648 Suns to 1730

BBC FOR EUROPE programmes as listed are available for listeners in Greater Berlin on 90.2 MHz FM, except

- at the following times: 0545-0600 BBC English: language lesson
- 0630-0700 As World Service in English As World Service in English 1115-1130
- BBC English: language 1715-1745 lesson

1130-1200

As World Service in English 1745-1830

As World Service In English

ALL

FOCUS ON AFRICA A continent-wide team of experts bring up-to-the-minute coverage of the African political scene, followed by the latest on sport, economics, medicine and the

media in Africa Mons-Fris 1515, 1615, 1709, 1830

NETWORK AFRICA Early morning listening with Hilton Fyle and the Network team, packed with

information, personalities and music Mons-Fris 0335 rep 0435, 0635, 0735

POSTMARK AFRICA An expert answer to any question under the sun - send your questions to Postmark Africa, BBC African Service, London WC2 Suns 0335 rep 0635. 1620, 1830

SATURDAYS ONLY

A varied mix of special programmes to start the African weekend - lots of good talk and music and once a month a quiz Sats 0335 rep 0435, 0635, 0735

DATELINE EAST ASIA

A weekly magazine dealing with the political and economic affairs of North-east and South-east Asia Fris 1115, 1145

SOUTH ASIA SURVEY An in-depth analysis of political and other developments in South Asia Sats

0145

TIMES

CARIBBEAN REPORT Weekday coverage of Caribbean affairs in Britain, the EEC and the Caribbean

region, with the emphasis on political and economic analysis Mons-Fris 2115

GMT

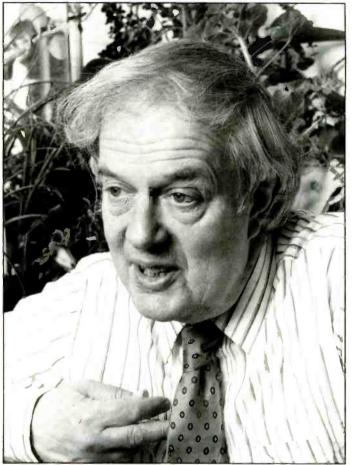
BEHIND THE VOICE

This month BBC World Service is repeating the popular 26-part science history series, They Made Our World. Its presenter John Newell has always been dedicated to science: as a boy, he messed up his father's garden rockery in pursuit of his passion - biology; as a young man he rang the **BBC** and demanded he be given a job by lunchtime! Today, he is editor of the Science Unit. He tells Vicky Payne why science matters to us all.

OHN NEWELL is making changes to the script of a new recruit to the Science Unit. "I like having a young team around me," he mutters in an avuncular fashion.

The kindly tones of the man, whose office window ledge is a mass of geraniums and greenery, belie the razor-sharp mind and the enviable ability to turn the most jargon-ridden, complex subject into terms the layman understands.

He is not the sort of scientist who believes that everyone should immediately rush off and get



John Newell: at work among the shrubbery.

Grace Wyndham Goldie, who was then the Head of Talks, and said: 'If you don't get back to me by one o'clock, I shall go and work for a publishers.' Fortunately, she liked aggressive young men and so I was offered a job. If I'd known who she was, I never would have rung!"

Broadcasting and writing about science is quite different from writing about anything else, explains Newell. Unless you are a scientist you will not know about science.

Newell knows better than anyone that if there were no science programmes, no one would have an inkling of what was going on. It is a discipline that has to be brought out of the labs and into the living-room.

The unique role of the science broadcaster is one that he enjoys nurturing. "You are first a translator because you are dealing with a whole new language. But what is most exciting of all, you are often writing about something that no one has written about before. If you are a fiction writer, there are only a limited number of plots; to a travel writer one Greek island is much like another – and falling in love is much the same for everybody.

"If you are writing about genetic engineering, you are talking about something that is new to mankind. Few writers have that privilege."

The mind of a scientist is unlike

SHOCK OF THE NEWELL

acquainted with the subject: on the contrary, he argues, much of the present opposition to science comes from precisely those who have gained that most dangerous thing of all – a little knowledge. "It is an irrational hatred of science based upon an inferior education," sums up Newell crisply.

"But I do believe that people should not feel they are unable to study the sciences because they have a degree in English literature: the mental discipline they have in the one equips them to do the other and *vice versa*."

During the '50s, when Newell was a student at Cambridge, science was regarded as the discipline which could save the world. This view was turned on its head a decade later, "that dreadful era," as Newell refers to it. But there is still a hangover from those placard-waving days: "There is a fear of science linked to much of the environmental and the animal rights movements. None of it is clearly thought out and it is focused mainly in the west because we are rich enough to sponsor such movements."

Like all scientists, he is accustomed to facing unpalatable facts. He does not, for example, believe there has been any sudden upsurge in interest in the sciences as a result of the advances in technology we have witnessed during the past decade: but as he points out, this is no time to be complacent. Science and technology are essential if the developing world is to become the developed world.

He feels that the English establishment is frightened of science and, naturally, he has a scientific explanation for this: "The same hormone in the human body equips us for flight, fright or fight. Some people run away from science because it symbolises such terrifying things: of getting to grips with the huge, mysterious thing that is the universe. They are afraid and it makes them angry."

Is it true that our understanding of ourselves leaves no room for God? "Not for me, but many people feel the universe would be a warmer, more hopeful place if we didn't know so much about our own biological nature. Maybe they feel the stars would be nicer if they were mysterious constellations, not great big meaningless chunks of flaming gas disappearing into black holes."

A fear of science, Newell can recognise and even understand. A refusal to face up to its discoveries, he quickly condemns: "I think there is something wet about not wanting to know things which are true. If it is true you should be able to live with it."

The young John Newell did not have a chemistry set because biology was his first scientific love. He incurred his father's wrath as he upturned the rocks in the Newell family garden in pursuit of insects. His enthusiasm for his subject is infectious and it was no surprise to learn that he was a teacher before he applied to the BBC in 1957 for a researcher's job.

"I didn't hear anything about my application, so being an aggressive young man, I rang up

'The same hormone in the human body equips us for flight, fright or fight.'

other people's. "I have worked with scientists for 32 years. I was educated by them." He describes his period at Cambridge University as "intellectually intoxicating." Their less noble attributes he lists as naïvety, complacency and arrogance, but on balance? "I think they are nicer people."

Science, he expands, has unrelentingly purist standards. Intellectually it is very demanding and is pure discipline. Interestingly, he does not believe scientists make good politicians: "Politics is the art of getting things done in the real world. It is about compromise and muddle and hasty decisions reached by committees."

But what of Britain's own Margaret Thatcher who has her BSc degree in chemistry? "I think you often see the Prime Minister's scientific background coming through. Some of her willingness to be quite unpopular and her refusal to compromise is very scientific."

John Newell has been making and presenting science programmes for more than 30 years; *They Made Our World** has proved one of the most popular series ever. It shows how the world we live in today is shaped and influenced by the inventions and discoveries of the pioneer scientists and it examines the genius of the individual and the effect of his work on society.

In all his years as a programme-maker, one moral imperative has shone through for Newell: "Always do it all as well as you can."

There is a new book based on the series edited by John Hamilton. It costs £13.50 + postage from the BBC World Service Shop, Bush House, Strand, London WC2B 4PH and other good bookshops.

YOUR

letters

Edited by Sarah Baker

HOUR PLANS

There is only one edition of *Twenty Four Hours* for this area and if you miss it, there is no back-up programme available. I still feel discriminated against when I have to get up at 3am local time to listen to *Newshour*. It is more than a year now since we were assured that a second edition would soon be on air. What's happened to the promise?

TARIQ PERWEZ, PAKISTAN

World Service Planning confirm that it is their very real intention to introduce more editions of Newshour and it is hoped that this will be possible some time in 1991. Watch this space!

ASIAN EXTRA

Africa has seven alternative programmes, compared with one for South Asia. We in South Asia would be glad to have a programme like Postmark Africa. The one alternative, South Asia Survey. is not sufficient – we need more.

B SRIKANTH, INDIA

There are no plans at present for a Postmark South Asia but you will be pleased to hear that we hope to introduce more editions of South Asia Survey, in due course, funds permitting.

PHOTO CALL

happy and proud to have Claire Bolderson here in Indonesia as the BBC's correspondent. Please could we have a picture?

HARRIS SYSETYA, INDONESIA

Claire Bolderson: Indonesia Correspondent.



GREAT SCOT!

I write in support of Mrs E D Tyron's letter (July issue) on the ending of my favourite programme, *The Pleasure's Yours*.

Richard Baker certainly does not know my taste. I wish you could restore the programme of Gordon Clyde, the only living Scot I admire apart from Kenny Dalgliesh of Liverpool F.C.

K A GYASI-ADONTEN, GHANA

Relief is on its way for all who mourn the absence of Gordon Clyde. Read on...

MORE MELODY

Could there be some reorganisation of the musical programmes on offer which have become rather stereotyped. What is needed is a regular programme of soothing music – music with melody and a little sentiment – to which one can relax after listening to the horrors

almost invariably included in the news bulletins. This need is not supplied by Jazz, Rock, Pop, the Chart Show or John Peel's dreadful noises.

SIR CLIFFORD INNIS, BELIZE

This month sees the start of a new eight-part series featuring songs from The Great Musicals (see page 11). Fans will be delighted to hear that the programmes are to be presented by the much-missed Gordon Clydel

SICK OF SPORT

I usually like to enjoy a nice cup of tea on Saturday afternoon while listening to *Juste Plain Madness*. But to my horror today it was pre-empted by *Sportsworld*.

I think that we get sports ad ad nauseam, so why can't you let me enjoy my tea on Saturdays as usual?

LEN LEVY, ISRAEL

FAMILY TIES

I enjoyed Omnibus about the Cunard Line. My grandmother sailed on the Mauritania, and I enjoyed the recording of the last sailing, especially the sound of the ship's horn. It gave me a link with a family member I never met.

CATHARINE TURNER, USA

If you would like to express your views about BBC World Service and its programmes, please write to Your Letters, London Calling, PO Box 76, Bush House, Strand, London WC2B 4PH. If you would like your letter read on-air, contact Write-On... at the same address.



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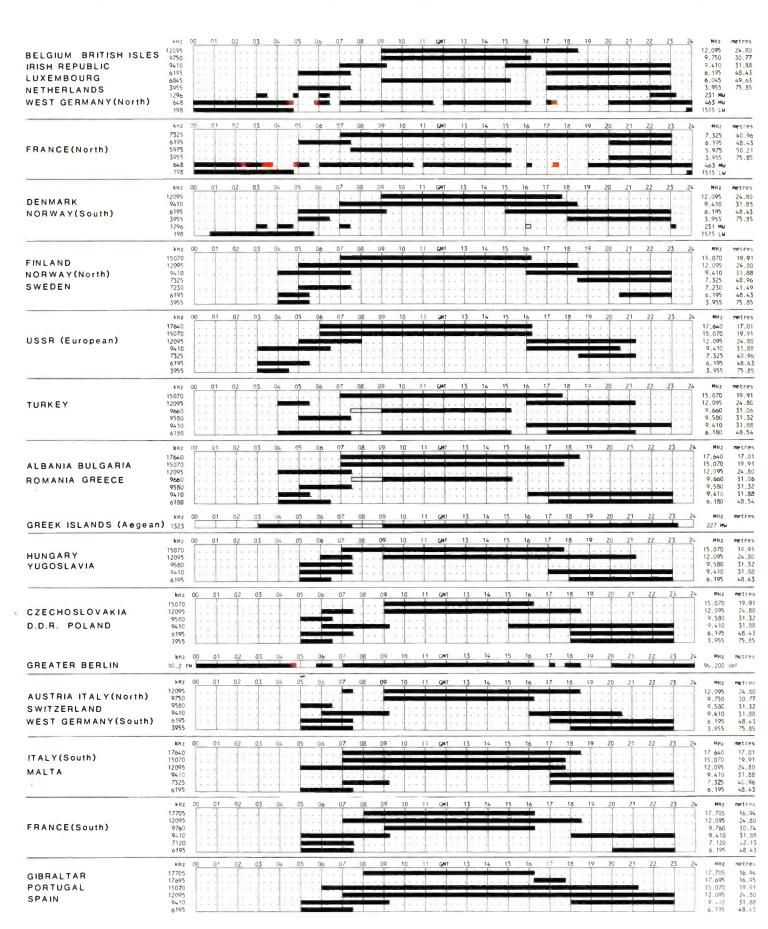
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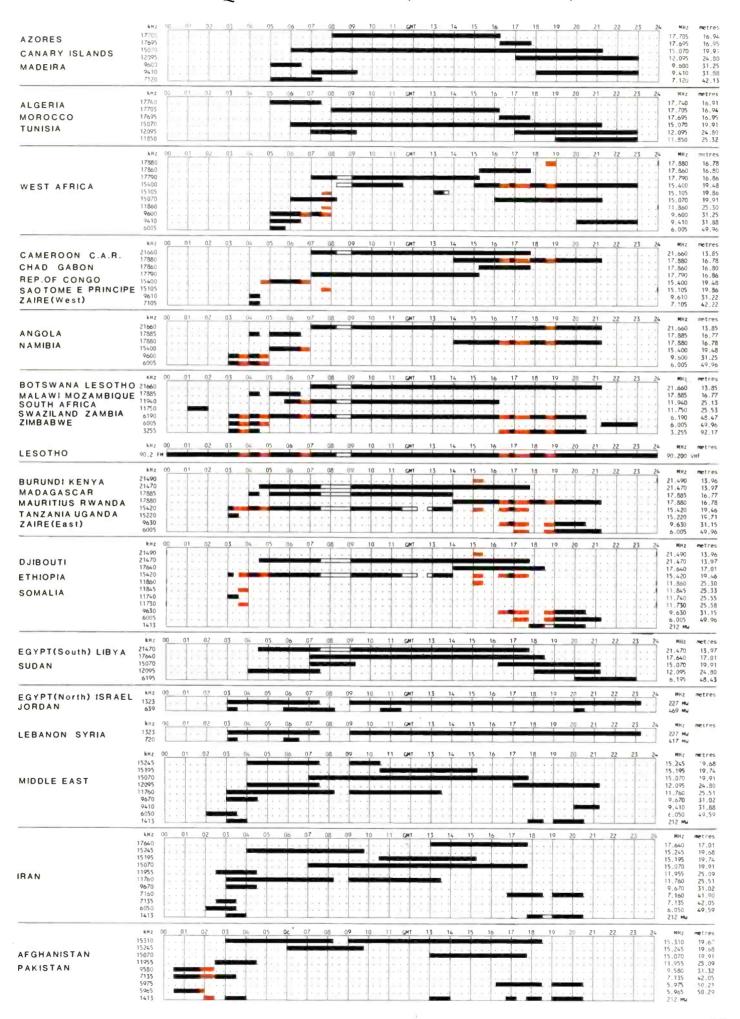
Alternative

■ Non-daily



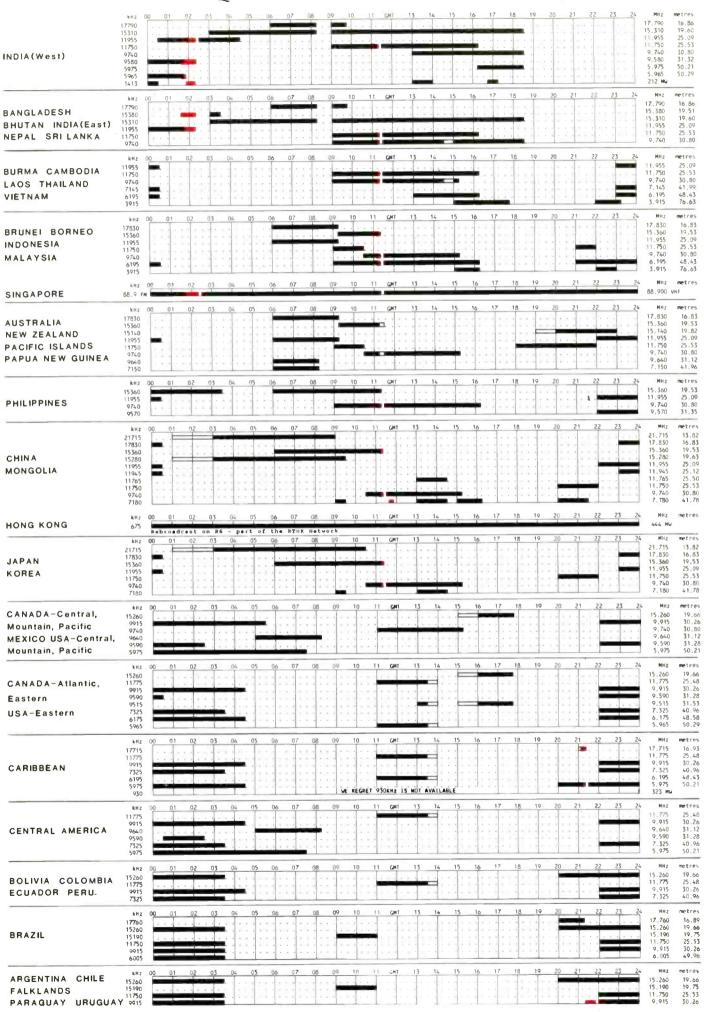
DDD WORLD SERVICE

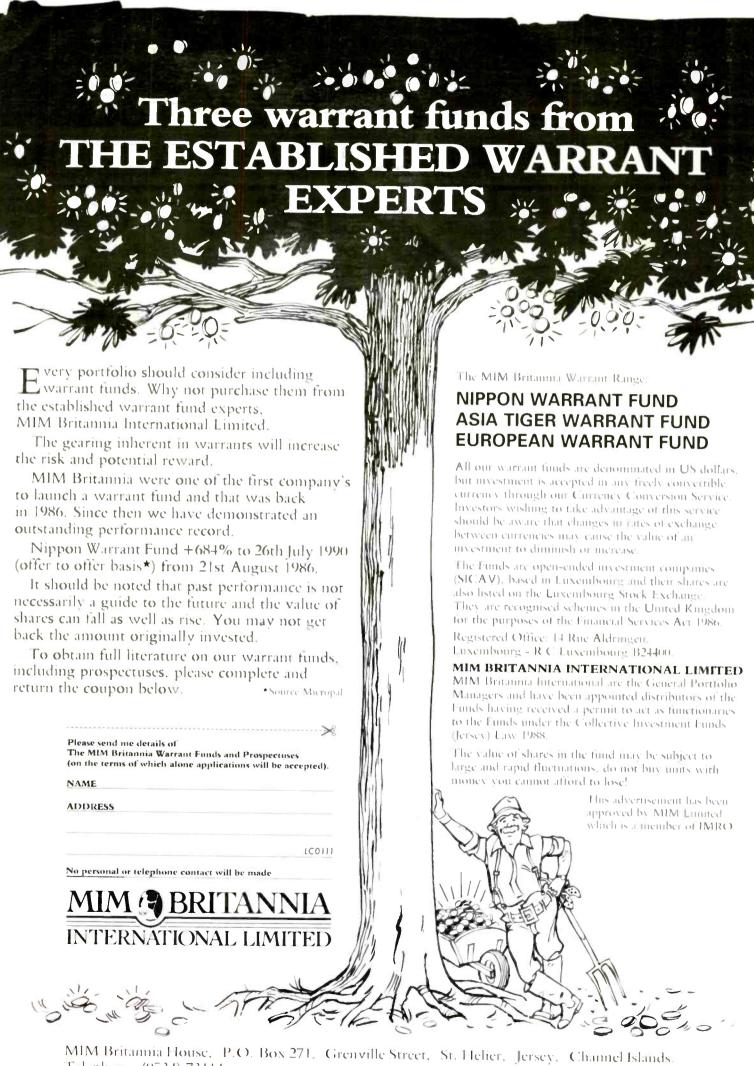
FREQUENCIES (ENGLISH)



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IN 37 LANGUAGES

Frequencies in kHz (MHz when stated)

Frequency/Wavelength				
Conversions				
Short wave	Me	edium	wave	
Frequency ran	ge			
kHz /	/letre	kHz	Metre	
25,670-26,100	11			
21,450-21,750	13	1413	212	
17,700-17,900	16	1323	227	
15,100-15,450	19	1296	231	
11,700-11,975	25	930	323	
9,500- 9,775	31	720	417	
7,100- 7,300	41	702	427	
5,950- 6,200	49	648	463	
3,900- 4,000	75	639	469	
3,200- 3,400	90			

EUROPEAN

0430-0445 6050, 9770, 11760 (Sat) 6050, 9770, 11760 6050, 7105, 9770 1645-1715

(Mon-Fri) 1296, 5875, 7260, 9760, 11945 1296, 5875, 7260, 11945, 13325 (Sun) 5875, 9915, 11680 5875, 9915, 11680 0515-0530 0615-0630

1615-1630 1630-1700 1296, 5875, 7210 1900-2000

FINNISH

9530, 15430 6010, 7230, 9670, 11760 1930-2000

0630-0700 1130-1200 648, 6010, 7285, 9915 648, 6125, 7210, 9600, 11780 1730-1815 648, 6125, 9610

0445-0545 648, 1296 (to 0500), 3975, 6010,

90.2MHz 648, 1296, 6125, 9750, 90.2MHz 648, 3975, 6125, 90.2 MHz 1830-2000 CREEK

(Mon-Fri) 9670, 11740, 15235

0600-0630

1245-1300 15390 17875 (Mon-Fri) 6050, 9580, 11760 6125, 7140, 9915, 11835 (Sat & Sun) 6125, 7140, 9915, 1530-1600 2000-2015 2015-2045 11835

2230-2300 (Sat & Sun) 6050, 7105, 9635

0530-0545

(Mon-Fri) 1296, 5875, 7260, 9760 (Mon-Fri) 1296, 5875, 7260, 97 11945 1296, 5875, 7260, 11945 (Sun) 9635, 11680, 13745 kHz (Sun) 9635, 11680,13745 kHz 1296, 5875, 7210, 9750 1296, 5875, 7210, 9735 0630-0645 1000-1130 1315-1400 1800-1900

POLISH

(Mon-Sat) 1296, 5875, 7260, 9760, 11945 (Mon-Sat) 1296, 5875, 7260, 0500-0515

0600-0615

11945, 15325 (Sun) 5875, 7260, 9825,11945, 15325 0700-0730 1130-1230

(Sun) 9635, 11680, 13760 kHz (Sun) 9635, 11680, 13760 kHz 1296, 9635, 11680, 13760 1400-1500

1500-1530

1296, 5875, 9750, 11680, 1296, 5875, 7210, 9715 1700-1800

PORTUGUESE (for Europe) 2030-2115 5975, 7150, 9670, 11680 2330-2400 6030, 7175, 9580

ROMANIAN 0545-0600

(Mon-Fri) 6050, 6150, 7210, 9750 (Sat-Sun) 6050, 7260, 9750 11945

1600-1645 1830-2000 6050, 9770, 11760 6050, 7105, 9770

RUSSIAN

1296, 6025, 6050, 7210 7260, 9580, 9650, 5875, 6060, 7230, 7260, 9580, 9635, 11945,11955, 15435 (Sun) 11835, 15115, 15205 0345-0400 0445-0500

1130-1200 15435, 17780, 17855, 21735 11835, 15115, 15435,17695 17780, 21735 1300-1330

9635, 9670, 9825, 11845, 12040 1600-1800

15225 3915, 7120, 9635, 9670, 9825 11845, 12040 1800-1900 3915, 5990, 6030, 6070, 7120 9635, 9750', 9825, 12040 ' (until 2100) 1900-2130

SERBO-CROAT

0500-0515 1800-1830 6050, 7210, 9750 6050, 7105, 9770 6050, 9770, 7105 2115-2200 2200-2215 (Fri) 6050, 7105, 9770

1296, 5875, 9915, 11680 (Sun) 1296, 5875, 9915, 11680 1296, 5875, 7210, 9650 1530-1600 1600-1615 2000-2030

SLOVENE

1030-1100 1100-1115 1730-1800 (Sun) 9610, 11780, 15235 9610, 11780, 15235 6050, 9770, 11760

TURKISH

0515-0530 (Mon-Sat) 6050, 7210, 9750 0800-1000 (Sun) 1296, 6015, 9635, 9740 (Sun) 1296, 6015, 9635, 974 17695 6085, 9915, 11925 6125, 7140, 9915, 11835 (Mon-Sat) 6125, 7140, 9915, 11835 1700-1730

2045-2115 2115-2130

AFRICAN &

MIDDLE EASTERN

639, 702, (to 0445) 720, 11720, 11740, 15220*

(Until 3rd Nov & 3rd Mar inc only) 639, 702, 720, 15165, 17785 639, 702, 720*, 6030, 11730 (not available 1830-1900Sat & 1250-1615

Sun) rth Africa)

0445-0545 1250-1615 1615-1800

6110, 7320, 9825 13660, 15180, 17715 11730* 13745 kHz 15180, 17715 *(from 1600) 9915, 11730, 13745 kHz, 15180 1800-2000

FRENCH (North Africa)

0515-0530 0600-0630 1200-1245 5980, 7285, 9510 6010, 7285, 9915 15180, 17715, 11850 (to 1900) 5975, 7150, 9670, 11680 2115-2145

FRENCH (West and Central Africa)

0430-0445 6155, 7105, 9610 0515-0530 6155, 7105, 9610,

0600-0630 7105, 9610, 15105 1200-1245 15105, 21640, 25870 1815-1915 1820, 15105, 17830

17885

0430-0445 1215-1245 15420 (from 1215) 9630 (to 1830), 17830

HALISA

0545-0600 1345-1415 7105, 9610, 15105 15105, 17810, 21640 11905, 15105, 17830 1915-1945

PORTUGUESE (for Africa) 0445-0500 6155, 7105, 9610, 17885 1800-1815 9630, 11820, 15105, 17830 2030-2115 3255, 6190, 9595, 11820, 15160

SOMALI

11860, **154**20, **177**40, 21490 **6**005, **154**20 1430-1500 1800-1830

SWAHIL1

11730, 11845 15235, 15420, 11860, 15420, 21490 6005, 9630. 15420, 17830 0315-0330 1530-1615 1745-1800

ASIAN

0030-0050 1413 9600 11850 15380 1330-1400 1630-1700 9605, 11920, 15245 6065, 7105, 9605, 11750

BURMESE

0010-0030 1345-1430 1500-1515 9600, 11850, 15380 3915, 6065, 7275 (Sun) 6065, 7275, 11920

CANTONESE

11920, 15360 1300-1330 2245-2300 6080, 7180, 11865

0050-0135

1413, 5060, 7235, 9600, 11850, 15380 9600, 11850, 15380 1413, 7235, 9605, 11920, 15245 1413, 6065, 7105, 9605, 11750 0245-0300 1400-1445 1715-1730

1413 6060 7235 9600 11850

7275, 9725, 11955, 17830 3915, 6065, 9605, 15125 6080, 7160, 11865 1100-1130 1300-1330 2200-2330

JAPANESE

7180, 15280 11945, 1**5**280 1100-1145 2145-2200

MALAY

1330-1345 3915, 6065, 15125

MANDARIN

2215-2245

1000-1100 7180 9725 11955 15280 17830 7180, 9725, 11955, 15280, 1 7180, 11765 11955, 15125, 15360 7180, 9725, 11765 6080, 7180, 9580, 11865, 1200-1300 1430-1500

NEPALI

1500-1520 (Mon-Sat) 6065, 7275, 11920

6060, 7235, 9600, 11850 1413, 7235, 11720 0200-0230 1445-1515

1000-1100 (Fris) 11860, 15230, 17855

PERSIAN

0230-0300 720, 1413, 6060, 7235, 9590 11740

1600-1645 1830-1900 1413, 6040, 7160, 11720 720, 1413, 5975, 7160, 11720 SINHALA

1530-1600

1530-1600 (Mon-Sat) 6065, 7105, 11920

(Suns) 6065, 7105, 11920

THAI

1215-1245 1615-1630 6065, 9725, 11920 6065, 7105, 9605, 11750 6080, 7180, 11865 2345-2400

1413, 6060, 7235, 9600,11850 1413, 7235, 9600, 11720,15245 1413, 6065, 7105, 9605, 11750 0135-0200 1515-1600 1730-1745

VIETNAMESE

9725, 11955, 15360 3915, 6065, 7275 6080, 7180, 11865 1130-1200 1430-1500 2300-2315

LATIN AMERICAN

6110, 9515, 9825, 15390 0215-0300 2230-2300 6110, 9825, 11765, 11820, 15390

0000-0200 5875 6110, 9825, 11820, 15390 5875, 6110, 9515, 9825, 11820, 0300-0430

15390 9690, 15190, 21490 9690, 15315, 17850 1300-1330

BBC ENGLISH

0530-0545 6050, 7210, 9750, 90.2MHz 0545-0600 90 2MHz 0645-0700 1296, 5875, 7260, 11945, 15325 0730-0745 1296, 3975, 6010, 7285, 9825 1215-1230 (Sun) 1296, 6125

1296 6125 9600 9635 1230-1300 11680, 11710, 11780, 11845

15115, 15435, 17695, 17780,

1545-1600 9635, 15225 1615-1630 1700-1730 648, 1296, 6125, 9750, 90.2MHz 6125, 9610

1715-1745 90.2MHz 648 6125, 7125, 9635 2130-2200

ISRAEL, JORDAN, LEBANON, SYRIA

2000-2030

AFRICA

2145-2200

0300-0315 11730. 11845. 15235 0715-0730 11860, 15105 1400-1430 11860, 15420, 21490

SOUTH AMERICA

5190, 21490 6110, 9825, 11765, 11820, 1130-1145 2300-2330 15390

2330-2345

ASIA 0030-0045 6195, 7145, 11945, 15280, 17830 7180, 9725, 11955, 15280, (Sat-Thurs) 7180, 15280 0930-1000 1145-1200 1200-1215

6080, 7180, 11865

6065, 9725, 11920 6065, 7105, 9605, 11750 1700-1715 2130-2145 11945 15280 11945, 15280 11945, 17830 2200-2215 2245-2300

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