

## Contents

Poster. ..... 3
Advent Calendar. ..... 4
Page 1 - A partridge in a pear tree ..... 6
Top Images ..... 6
Wordsearch ..... 6
Page 2 - Thirty-Six ..... 8
lyrical Christmas ..... 8
Photos .....  8
Ciphers (all 36 characters long). .....  8
Page 3-5 Golden Rings - In Memoriam to James Medhurst ..... 9
Page 4-8 Maids a-milking ..... 11
lyrical Christmas cards ..... 11
Page 5-4 Calling Birds, 12 Drummers drumming ..... 12
Photos and Ciphers ..... 12
Arrowed Pictures ..... 12
Turkey Legs (for all but two) ..... 12
Page 6-11 Pipers Piping ..... 14
Questions around border. ..... 15
Pages 7 and 8-10 Lords a-leaping, 9 Ladies dancing, 6 Geese a-laying ..... 16
Ladies ..... 17
French Hens. ..... 18
Lords. ..... 18
Geese ..... 18
Page 9-3 French Hens ..... 20
Cracker Riddles ..... 20
Pas Francaise - mais Anglaise, Australienne, et Roumaine. ..... 20
Lyrical Christmas cards ..... 20
Page 10-2 Turtle Doves, 7 Swans a-swimming ..... 21
Questions ..... 21
Maps ..... 21
Number Cipher. ..... 22
Find $X$ and $Y$ ..... 22
Photos ..... 23
Page 11 - 70 YEARS OF CHRISTMAS CARD DESIGNS 1952-2021 ..... 24
Lyrical Christmas Cards. ..... 24
Unmatched Cards and Images. ..... 26
Page 12. ..... 27
Christmas Pie (Cornell Recipe). ..... 27
ATH Christmas Holiday Departures ..... 27
Page 13 -Cold ..... 28
lyrical Christmas cards ..... 28
AC's Weather Briefs ..... 28
Top Photo's. ..... 28
SANTA'S WORKSHOP ..... 28
Photo Grid. ..... 28
Thermometer (made in Durham) ..... 28
Page 14 - Prime Meridian ..... 29
EXTRA CLUES ..... 30
Christmas Airlines ..... 30
Festive Poem ..... 30
MISCELLANEOUS ..... 31
Route instructions ..... 31
Cold Christmas ..... 31
Christmas Day ..... 31
Codes used ..... 31
Humphreys ..... 31

This hunt is themed around the 12 Days of Christmas, Christmas Day and Cold Christmas. The best known English version of 12 Days of Christmas was first printed in "Mirth without Mischief", a children's book published in London around 1780. The work was heavily illustrated with woodcuts, attributed in one source to Thomas Bewick. He is one of the seven swans on page 6

Our team had pencilled in Cold Christmas as a possible location for the treasure during the Advent Calendar period, but despite decoding various confirmers we were unable to find the treasure either on Christmas Day or two subsequent visits.


## Poster

The 12 small pictures (same number as days of Christmas) are all December events. Details taken from wiki pages

1. $8 / 12 / 1992$ The Galileo spacecraft flies past Earth for the first time. (first False-colour composite image of the moon taken by its telescope.)
2. $1 / 12 / 1955$ First Lady of Civil Rights: seamstress Rosa Parks refuses to give up her bus seat to a white man and is arrested for violating the city's racial segregation laws, an incident which leads to that city's bus boycott.. Photo is from Dr Who episode "Rosa".
3. $16 / 12 / 1653$ English Interregnum: The Protectorate: Oliver Cromwell becomes First Lord Protector of the Commonwealth of England, Scotland and Ireland. (Cromwell banned Christmas)
4. $16 / 12 / 1773$ American Revolution: Boston Tea Party. In the first major act of defiance to British rule over the colonists , members of the Sons of Liberty dressed as Mohawk Indians dump hundreds of crates of tea into Boston harbour as a protest against the Tea Act.
5. $25 / 12 / 1066$ William Conqueror, Duke of Normandy is crowned first Norman king of England, at Westminster Abbey, London. (Bayeux Tapestry).
6. 8/12/1990 The Galileo spacecraft flies past Earth for the first time. (Ozone hole over south pole taken by Galileo telescope.)
7. 21/12/1913 Arthur Wynne's "word-cross", the first crossword puzzle, is published in the New York World.
8. 14/12/1911 Roald Amundsen's team, comprising himself, Olav Bjaaland, Helmer Hanssen, Sverre Hassel, and Oscar Wisting, becomes the first to reach the South Pole.
9. $20 / 12 / 1989$ General Colin Powell briefs reporters at the Pentagon about the first day of the United States invasion of Panama to depose Panama's General Manuel Antonio Noriega from power and bring him to the U.S. for trial on drug charges.
10. 9/12/1960 First Episode of Coronation Street, the world's longest-running television soap opera, is broadcast in the United Kingdom.
11. $14 / 12 / 1918$ The United Kingdom general election occurs, the first where women were allowed to vote. (Woman's Suffrage).

12. 7/12/1995 The Galileo spacecraft is first to orbit Jupiter, a little more than six years after it was launched by Space Shuttle Atlantis during Mission STS-34.

Alphabetic positions of day in December spell HAPPY HUNTING


Directed by Bob Clark "A Christmas Story" was based on radio personality/writer Jean Shepard's stories about his childhood growing up during the 1930s. It follows nine-year-old Ralphie Parker in the weeks leading up to Christmas in some unnamed year in the late 1930s/early 1940s as Ralphie tries to convince his parents to get him his dream present, the Red Ryder Carbine Action 200-shot Range Model air rifle, despite everyone warning him that "you'll shoot your eye out". While Ralphie's quest for the air rifle is the driving narrative of the film, the movie includes a sequence where young Ralphie finally becomes a member of the Radio Orphan Annie's Secret Society, a fan club of the Little Orphan Annie radio program. At the end of the lates t episode of the show, Ralphie is told to set the outer ring to $\mathrm{B}=2$ in order to decode the secret message from Annie to her fans. He is disappointed when he learns that the important "secret message" is "Be sure to drink your Ovaltine." Ralphie had to drink so much Ovaltine to collect enough labels to join Annie's secret circle that he had grown sick of the product, so he was particularly disappointed to learn about the "commercialisation of his favourite show".

Ralphie never actually receives a secret decoder ring, mostly because secret decoder rings did not exist! In the film, it is actually a secret decoder badge that he sends away for. In 1935 the first Orphan Annie decoder badge was introduced by Ovaltine. It was a small round badge with the year and "Radio Orphan Annie's SS" and two crossed skeleton keys. The "SS" stood for "Secret Society."

Setting $B=2$ on the badge, gives the substitution 1-26: NBLYOKCQXJDRWIESVHGTFUPAMZ and Ralphie's speech balloon numbers decode to DUE FOR MY NIGHTCAP?

## Advent Calendar

December 1 Gazetteers


1. Vimeo video "First Look Memory Verse Motions: Wonderful World "You have done great and wonderful things." 2 Samuel 7:23 (August 2017)
2. Simon Taufel cricket umpire
3. Laurence Fishburne as Cpl. Dorsey, a wounded soldier, in the Season 10 episode titled "The Tooth Shall Set You Free" of $\mathrm{M}^{*} \mathrm{~A} * \mathrm{~S} * \mathrm{H}$
4. Spitting Image puppet of Gazza crying (Paul Gascoigne)

These represent a charade: Book, one word, sounds like, Gazza tears = Gazetteers The remaining doors give answers which would be in alphabetical order in a gazetteer.

## December 2 Christmas

Image is "Swampy" -World's Largest Gator at Jungle Adventures, 26205 E. Colonial Drive, Christmas, Florida


## December 3 Christmas Common

Image is the Fox and Hounds, Christmas Common, Watlington, Oxfordshire which became a temporary Polling Station on $8^{\text {th }}$ June 2017. Christmas Common was the location of the first ATH (Logica) in 1985 and the starting point for the final leg of the 2005 ATH hidden on Watlington Hill.

December 4 Christmas Pie


Top image is a map of Normandy. Middle image is an inverted Ford Flex (used by Mark Wahlberg in the 2017 film "Daddy's Home 2"). Inverted, Ford Flex becomes Flexford which is a village in Surrey just South of another named Normandy. (Flexford was once called Flaxford, itself a corruption of "flax vard", meaning flax meadows by a stream). South of these two (as indicated by the red marker pin) is a village named Christmas Pie. Christmas Pie owes its curious name to property owned by a prominent local family named Christmas. There are many references to this family in the court records of the manor of Cleygate which date back to 1513 in the reign of King Henry VIII. Chri stmases are often noted as serving as members of the homage which was the jury of the court. The "Pie" comes from the Saxon term "pightel" or "pightle" meaning a small piece of arable land. Until it was built up during the 1920s, Pie Field was a small field near the Christmas Pie crossroads.


## December 5 Christmas Steps



Top Image is pop group Steps performing live on their Christmas with Steps tour at the Manchester Apollo in December 2012. Bottom image is from a Bristol Solitaire video. Christmas Steps is a street in Bristol. Originally called Queene Street after the 1574 visit of Queen Elizabeth 1 st to Bristol, it became Christmas Steps in the mid 19th century. This was probably down to simply being referred by locals due to being next door to Christmas Street, formerly known as Knyfesmyth Street, after the tradesmen there. The Middle English pronunciation of Knyfesmyth, with the K sounded, may be the origin of the street's modern name, Christmas simply being a corruption of Knife-Smith. An alternative less likely theory is that it is based on the nativity scene found in a stained glass window of The Chapel of the Three Kings of Cologne, which stands at the top of the steps.


On 27 December 1831, English Naturalist Charles Darwin set off on HMS Beagle on a 5year world-wide voyage on surveying flora and fauna. One of his discoveries were the Galapagos Islands where he and his crew ate the local giant tortoises. HMS Beagle's voyage featured in the 2015 ATH hunt. Darwin lived at Down House, Down, Kent (renamed Downe in the 1940s to avoid confusion with County Down). Christmas Tree Farm is located in Downe and includes Rheas amongst the various animals that can be fed by visitors.

## December 7 Cold Christmas

The formula is Isaac Newton's Law of Cooling. To refine it, Newton needed a temperature scale so devised his own "Newton Scale". His lowest point (0) was defined as "the heat of air in winter at which water begins to freeze. This point may be accurately determined by pressing the thermometer into melting snow." itor could be "in the old reckoning" (of time) and HBTM stands for "Happy Birthday To Me". Newton would have said his birthday was December 251642 (Christmas Day), but everywhere outside of England he was born on January 41643 due to the fact that England was in the midst of a 150-year period of using a different reckoning calendar from the rest of Europe when he was born (Julian / Old Style => Gregorian / New Style).


Cold Christmas is a hamlet East of Thundridge,
 Hertfordshire. About 0.5 miles NW are the ruins of St Mary and All Saints church which was built on a private estate in 1086 and demolished in 1853, possible because it is built on the wrong alignment (North to South). It is purportedly a sign of the devil and the most haunted church in England. It is believed it (and subsequently the hamlet) was named Cold Christmas church because a lot of the graves belong mainly to young children whose lives were lost around Christmas time because of a very cold winter.

## December 8 Natal

The letter pairs are ISO Alpha-2 Country Codes for Mexico, Cameroon, Ghana, USA, Japan, Greece, Italy, and Uruguay. These are the eight countries and scores of the first round group matches played in the Arenadas Dunas in the city of Natal for the 2014 FIFA World Cup in Brazil. They were the only matches that the stadium hosted for that

13th June - Mexico 1 : Cameroon 0 16th June - Ghana 1 : USA 2
19th June - Japan 0 : Greece 0
24th June - Italy 0 : Uruguay 1 competition. Natal means Christmas in Portuguese. Natal Founded 25 December 1599

December 9 Partridge Road \& Pear Tree Mead
The card identifies the Christmas carol "The Twelve Days of Christmas". The cumulative total of gifts
 received after each day are the first 12 tetrahedral numbers $1,4,10,20,35$, $56,84,120,165,220,286,364$. The date on the card is the first day of Christmas on which day "my true love" (= sweetheart) sent "a partridge in a pear tree". The fonts are Segoe and Harlow Solid SB. Partridge Road and Pear Tree Mead are streets in Harlow, Essex.

## December 10 The Partridge in Peartree Green

The green finger-postreferences the Periodic Table:- $5=$ Boron=B, $S=$ Sulfur=16, $S c=S c a n d i u m=21$,

$\mathrm{Br}=\mathrm{Bromine}=35$. Together these give roads B2135 and B2116 which intersect at The Partridge PH in Partridge Green, Horsham.
The Life Std Roman font of "d.1884" on the gravestone plus the Greek letter $\Pi$ refer to "Life of Pi" by Yann Martel. He named the shipwrecked Bengal tiger Richard Parker inspired by a cabin boy named Richard Parker (RP) in the legal case R v Dudley and Stephens who is cannibalised in a lifeboat in July 1884. Richard's gravestone is in Jesus Chapel (aka Peartree Church), Peartree Green, Southampton. Martel also had another Richard Parker in mind - a mutineer in Edgar Allan Poe's nautical adventure novel "The Narrative of Arthur Gordon Pym of Nantucket" (used in ATH 2020) who is stranded and eventually cannibalised on the hull of an overturned ship. There is a dog aboard who is named Tiger.


## Page 1 - A partridge in a pear tree

The title of this page is A Partridgein a Pear Tree
A Partridge is A(lan) Partridge and in a Pear Tree is the answer to the question Where was clue two (Treasure Quest below)


# a partridge in a pear tree 

## Top Images

these need to be read clockwise starting from the 4th one on the top row. The dates are the 12 days of Christmas
Humphrey Bogart (smoking) was born on Christmas Day 25th December, 1899 - January 14, 1957.
Great Britain. Queen Elizabeth II. 1973. Christmas. Good King Wenceslas. "Gathering winter fuel". Good King Wenceslas looked out on the Feast of Stephen. Boxing day, $26^{\text {th }}$ December
Apollo 8 splashdown, $27^{\text {th }}$ December 1968
Ibi, Spain, Els Enfarinats festival, $28^{\text {th }}$ December
stained glass depiction of Thomas Becket assassinated in Canterbury Cathedral 29 ${ }^{\text {th }}$ December 1170. The window is in St.
Alphege's Church in Solihull. Artist is Lawrence Lee.
Roy G. Biv by They Might Be Giants; ROYGBIV mnemonic Richard Of York Gave Battle In Vain. Richard of York was killed $30^{\text {th }}$ December 1460
Bluebird K7 water speed boat at Dumbleyung Lake, near Perth. Donald Campbell broke the land speed record here on $31^{\text {st }}$
December 1964
$1^{\text {st }}$ January, 1973, the UK join the EEC; Daily Mail
The Capitulation of Granada: On 2 ${ }^{\text {nd }}$ January, 1492, Muhammad XII of Granada (King Boabdil) surrendered the Emirate of Granada, the city of Granada, and the Alhambra palace to the Castilian forces.
John III Sobieski, King of Poland 1674-1696 In Polish his name is Jan III Sobieski 3rd January
Nancy Pelosi, Speaker of the United States House of Representatives since 4 ${ }^{\text {th }}$ January 2019
Construction begins on the Golden Gate Bridge on $5^{\text {th }}$ January 1933


| K | N | M | 0 | H | H D |  | S T | T | 0 | C |  |  |  | G | W | A |  |  |  |  | H |  |  |  |  | A |  |
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| N | G | E | M | M 0 | A |  | E A | A | N | D | K | M | A | N | D | R |  |  |  | N | 0 |  | N | W | B | C |  |
| N | G | R | Y | W | N |  | T A | A | L | A | P | 0 |  | N |  | M | U | H | A | H | A | K | H | Y | L | H | 0 |
| U | D | R | H |  | A |  | $\checkmark$ E |  | G | F | 0 | U | N |  |  | W | 0 |  |  | D | A | N | A | A | A |  |  |
| C | A | Y |  |  | T |  | U E | E | D | A | N | B |  |  | T | R |  |  |  |  |  | A | S | M | C | L |  |
| Y | N | X | $\bigcirc$ |  | R |  | R | R | S |  | N | 0 | M | N | P | E | P |  |  | - | A | S | W | D | K | L | N |
| $1$ | U | M | P | E | E |  |  | $1{ }^{\text {1 }}$ | $U$ | D | A | E | S | H | 1 | S | E | T |  | T | 0 | M | N | 0 | T |  |  |
| K | T | A | H | H E |  |  |  | P | R | L | A | N | G | U | R | T | N |  |  | 0 |  |  | D | U | H |  |  |
| N | F | S | G |  |  |  | N | D |  |  | A | H |  | C | A | L | Y |  |  | D | H |  | E | C | A |  |  |
| $\bigcirc$ | Y | 0 | E |  | U |  | V | G | L | E | N | D | A | N | B |  | P |  | c | A | P | U | C | H |  | N |  |
| W | E | E | L |  |  |  |  | R | 1 | N | G | C |  | E | V | N | A | N | E | N | R | S | 0 | W | L | E |  |
| $1$ | A | P | A | R |  |  |  |  | D | G | E | A | M | 0 | N | G | T | H |  | P |  | - | E | 0 | N | s |  |
| N | E | W | D | A |  |  | N V |  | T | T | L | B |  | G | 1 | W | H |  |  | 1 | N |  | E |  | E | W |  |
| G | U | Y | A | a | a 0 |  | U |  | T | A | M | A | R |  | N |  | A | A |  | T | 0 | N | U |  |  |  |  |
| M | A | 0 | U |  |  |  |  |  | A | M | F | U |  | E | R | T | Y |  | 0 |  | U | H | A |  | E | z |  |
| E | K | E | F | 0 | D |  |  |  | 0 | N | D | B | D | T | H | H | E | A | T | R | R | E | A | S | U | Z |  |
| K | A | R | 5 | E | A |  |  |  | L | A | P | L | A | N | D | C | 0 | N | N | T | F | H | E | W | D | A |  |
| N | R | A | 1 |  | N |  | S |  |  | B | A | E | N | V | T | H | L |  |  | D | B |  |  |  | C |  |  |
| 0 | 1 | G | A |  |  |  | U |  | 0 | S | U | R |  | E | E | A |  |  |  |  | N |  |  |  | A |  |  |
| w | c | U | D |  |  |  |  |  | U | R | T | E | M | R | A | S | K | T | G | M | 0 | L | W | E | C | U |  |
| । | U | E | K | $\bigcirc$ | W |  | A |  | L | 0 | w | T | E | $\checkmark$ | D | A | N | A | N | H | A | R | G | A | E | 5 |  |
| N | 2 | N | A | E | N |  | O |  | E | 0 | F | w |  | E | H | N | A |  |  | R | E | R | 0 | W | N | 0 |  |
| G | 9 | 0 | T | r | r |  | 0 | U | V | E |  |  | E | T | E | D | N | K | S | Y | A | N | O | U | S | $\checkmark$ |  |
| Y | z | N | D | O | U |  |  | P | L |  |  | P | 0 | N | G | D | A | N | D | L | C | L | E | C | U |  |  |
| $\bigcirc$ | N | T | A | S |  |  |  |  |  |  | A | T |  | N | G | A | 1 | D | R | S | 1 | U | N | E | C | 0 |  |
| U | 3 | E | N | 0 | F |  | N | U |  | A | N | D | L | E | M | V | B | E | 0 | D | E | T | 0 | N | B |  |  |
| R | 0 | S | 1 | M | M A |  |  | G | A | B | E | Y | X | T | E | E | E | N | F | W | U | V | E | G | 0 |  | N |

Wordsearch
Grouped words


#### Abstract

Monkeys - MANDRILL, TALAPOIN, LANGUR, CAPUCHIN, TAMARIN, MANGABEY, GUENON, SURILI, VERVET, DOUC, HOWLER, GRIVET, UAKARI, LESULA, GELADA, Cu29Zn30 - Copper (29) and Zinc (30) make BRASS (Brass Monkey), CHILLYPINE - Chile Pine, the Monkey Puzzle Tree.

Christmas - STOCKING, MERRYXMAS, JUMPER, CANDLE, TINSEL, LAPLAND, BAUBLE, ANGEL, ICESKATING, WIZZARD (christmas song)


## Alan Partridge ideas -

KNOWINGMEKNOWINGYOU, PLAYPONG, APARTRIDGEAMONGTHEPIGEONS, ALANATTACK, INNERCITYSUMO, ARMWRESTLINGWITHCHASANDDAVE, SWALLOW, DAN (15 instances) (Alan Partridge from hilarious Dan shouting in carpark)

Youth Hostelling with Chris Eubank (S replaced by TH as Chris Eubank has a lisp) - THLAIDBURN=SLAIDBURN, LOCHOTHIAN=LOCH OSSIAN, BLACKTHAIL=BLACKSAIL, PENYPATH=PEN-Y-PASS, (all Youth Hostels)

There are three zig-zag trails that go through the highlighted red letters:
One zig-zag reads GAME MARMOSET AND MATCH - another Alan Partridge idea, Monkey Tennis (PLAYPONG)
The other two together read THIS YEAR'S QUEST TAKES BECKY BETTS FROM.. ..FRETTENHAM TO FAKENHAM.
These are about Treasure Quest contestant Becky Betts
The bottom right 9 x 9 square consists of a left and top border of 3 prisons representing another Alan Partridge idea - COOKING IN PRISON

FORD is a UK prison in Sussex
SING SING is a US prison north of New York
SLADE is slang for prison. HMP Slade is where TV comedy series Porridge was set.
These three words border the $8 \times 8$ square, effectively cutting it off from the rest of the wordsearch. The square contains the words
MOLECULAR GASTRONOMY NOUVELLE CUISINE CORDON BLEU VEGAN interspersed with WHERE WAS CLUE TWO.

In Treasure Quest Clue 2 was hidden in a pear tree in the Bishop's Garden, Norwich. Radio Norfolk - Alan Partridge has a Norfolk connection

Unused letters read:
KNOWING ME AND KNOWING YOU
AHA YOU'VE FOUND A CLUE
BUT ALAS YOUR HOPES WE DASH
IT WON'T HELP YOU FIND THE CACHE.
YOU'VE BEEN CLEVER SO WE WANT TO GIVE YOU A BONUS POINT.
AFTER YOU HAVE FOUND THE TREASURE
ON THE WALK BACK, AT YOUR LEISURE
MAKE A NOTE OF WHAT YOU'VE SEEN
OUTSIDE OF NUMBER SIXTEEN
House number 16 on Cold Christmas Lane in Thundridge has a monkey puzzle tree in the front garden. CHILLY PINE in wordsearch, a thematic play on the Chile Pine the alternative name for the monkey puzzle tree. The number is no longer on the fence nor the house, but some neighbours have numbers on their sheds or fences, so it's possible to work it out. The fence looks brand new, probably just a few weeks/months old probably erected after the puzzle was created. Streetview images still show the original fence.


## Asides:

- Singsing is a character seen in Super Monkey Ball Adventure that is exclusively seen on a trump card u sed in Monkey Trumps.)
- Elon Musk's Neuralink claims monkeys can play Pong using just their minds
- LAIDBURN was the name of a drumming horse
- Treasure Quest was a Radio Norfolk program. Alan Partridge is connected to Norfolk
- Clue 2 of Treasure Quest programme was located at the pear tree in the Bishop's Garden in Norwich. Not a partridge, but something else!


Page 2 - Thirty-Six
lyrical Christmas
Johnny Cash A Boy Named Sue position 36 on 21 December 1969
Rod Stewart Maggie May position 36 on 19 December 1976

## Photos

Playfair Cricket Annual 1983 - Edited by Gordon Ross (goose link). \#36 in 25 ${ }^{\text {th }}$ December 1983

The ciphers require a $6 x 6$ polybius square. Each picture connects to the number 36 and must uniquely represent $\mathrm{A}-\mathrm{Z}, 0-9$. The white squares relate to a mathematical property of the number 36, so seem to be the digits
1 Z German destroyer Z36
2 B Tom Brady New England Patriots 'Superbowl 36' Image is from a video
31 or 3 (triangular factors of 36 are 1,3,6 but answer 13 is 6)
40 Rachel Walters monogram. Has fashion label Undecillion. The word means 10 to the 36th power. ( 36 zeroes) "Itreminds me that there are limitless possibilities for creation."
5 V Ushibori in Hitachi Province (Joshu Ushibori), from "Thirty-six Views of Mount Fuji (Fugaku sanjurokkei)", a famous series of prints by Japanese ukiyo-e artist Katsushika Hokusai
64 or 9 (1 used for another answer) are square factors of 36
7 Y 36 inches in a Yard (3 feet).
8 L Huyton Parish Church Cemetery The 5th Beatle Stuart Sutcliffe buried here L36 postcode
9 E Emperor Guangwu of Han He reunited China on 25 ${ }^{\text {th }}$ December AD36 and ruled until AD57.
10 N Nevada 36th State
11 P Double 6 dice. 36 is the number of possible permutations/outcomes in the roll of two distinct dice. Picture from "fullham"-
During the reign of Elizabeth I Fulham was the most notorious place for blacklegs in England and loaded dice were made there.
12 I WW2 36th Infantry Division Burma Chindits Cloth Formation Sign Patch Badge
136 (square root of 36 )
141,5 or 7 (factors of 35 )
15 A Murray the Magpie, mascot for the Adelaide 36ers
16 T? (1,3,4,6,9 are other answers) 2, Twelve or Eighteen also possible
17 F Boris Karloff aka. William Henry Pratt (reads "a prat") - born at 36 Forest Hill Road, Peckham Rye, London
181,5 or 7 (factors of 35 )
19 2? (1,3,4,6,9 are other answers) Twelve or Eighteen also possible
20 U 36th Ulster Division memorial 32186 Killed, wounded, missing
218 (triangular root of 36 ) - could be 1
22 W Wu Tang Clan Logo. Hip-hop band Wu Tang Clan has album 36 Chambers.
23 K Krypton Factor 1988 Grand Final 26th December. 36 applicants made it to the screen. The atomic number of Krypton is 36
24 H Budapest Telephone Box on Andrássy Avenue +36 is the code for international direct-dialphone calls to Hungary
25 J Lyndon Johnson and Hubert Hunphrey. Lyndon B Johnson was the 36th President
26 S Gary Sobers first cricketer to score six sixes in an over (1968 County Championship)
27 C The 36 Crazy Fists (image at $1: 18: 13$ ) are a four-piece metal band from Anchorage, Alaska. Originally named San shi liu mi xing quan, meaning San is a six-meter exercise. ' K ' watermark on video at all times.
28 Q 36 Questions that lead to love

1. Given the choice of anyone in the world, whom would you want as a dinner guest?
2. Complete this sentence: "I wish I had someone with whom I could share ... "
3. Your house, containing everything you own, catches fire. After saving your loved ones and pets, you have time to safely make a final dash to save any one item. What would it be? Why?
29 D Laraine Newman playing the Usherette in TV series The Canned Film Festival (36 connection unknown) wrong person
301 or 3 (triangular factors of 36 are 1,3,6 but answer 13 is 6)
31 X McDonnell Douglas X-36 (similar image)
32 R An American roulette wheel (image) has 36 red or black numbers on its layout plus green 0 and $00=38$ pockets
334 or 9 ( 1 used for another answer) are square factors of 36
34 M Three 6 Mafia - Late Night Tip (image at approx 0:33)
35 G Beer barrel In the UK, a standard beer barrel is 36 UK gallons, about 163.7 litres.
36 O Princess Alexandra of Kent, Lady Ogilvy born 25 December 1936 (Y is $25^{\text {th }}$ letter)
Ciphers (all 36 characters long)

- SR86ZA187484YKBPYNWYUXK6X4IKW6TQYKBY -The Playfair annual suggests this is a 6x6 Playfair cipher
- HM3S8MVXREPWJQTYEW22AUCA3IJCQVQ7D1I1 - image suggests a Playfair variant based on $9 * 4$ grid. The gold coins were unearthed near Jerusalem's Temple Mount.
- VVVVDXFXGVVXGDGXVDAGDDFAGDFXAVDGGVFF DVADGDGDDXDXDAFDXDGAVXDFAFFGFADFGDDD FDVFFGXVVDDDXXFVXAVDXXDFDDDDADDGXVFV DAXXGAXGFVVFGAXFFXFXDFDFFXXDVADVDDAA ADFGVX cipher requiring a keyword in addition to polybius square
- 412473571824766941327941364339510020 - dcode.fr decoder gives 36K FROM EQUAL PAY HEROINES

Top five images are in the Olympic rings format. The pictures are all of Gold medal winners (Swimming, Rowing, Gymnastics, Boxing, Sprint) named James. The colours of their jerseys are the ring colours.

rings


## Clues:

- Nobleman mostly ahead of schedule (4)
- Seafood is line caught (3)
- The last portion of Pernod oddly ditched (3)
- One repeatedly has trapped gas (4)
- Three feet of animal's home lying around (4)
- Regard entrance of mine (3)
- Lengthen boring weekend (3)
- Cut away or remove borders of incline (3)
- Overturned English teacher's pay increase (4)
- One who facilitates destruction from the south-east by the French rector (7)
- Caught familiar chill (4)
- Mixing claret wine ultimately leads to unbearable sentimentality (7)
- Provokes one to fly in London and Accra, possibly (7)
- Rees-Mogg and pals' work unit (3)

EARL most of early
ROE sounds like row
END even letters of Pernod
NEON oneonehas neon inside
YARD squirrel's home $=$ DRAY backwards
EYE two meanings
EKE inside weekend
LOP slope - end letters s \& e
RISE E sir-backwards
ENABLER bane (destruction) reversed $+l e+r$
COLD $\mathrm{c}+\mathrm{old}$
TREACLE anagram of claretand e
INCITES In cities - I
ERG Jacob Rees-Mogg ERG chairman

In the next set of clues one letter has had its letter changed. The original letter needs to be replaced to solve the clue

- Fry battered testes (6)
- Charming creature tours lake in Quito (6)
- Secure 2012 mascot with stent (6)
- Cast liberated without resistance (3)
- Summary: someone who talks slowly is backwards (5)
- Tern in stream shortly before noon (5)
- Fanatical Scotsman beginning to interpret death (5)
- Steal from bouquet rack for singer and activist (7)
- Collected waste left out in wet broad (3)
- American female following dons born in Uist years ago (6)
- Last $25 \%$ of nice dish discarded - it steadies the ship (6)
- Dress? Me neither, on reflection (4)
- Time to block trite illustrations (4)
- Come into the possession of a shop's workers, reportedly ( 6 )
- Carpenter perhaps providing tripe in Myanmar (5)
- Therefore, Grant returns (4)
- A revolutionary hit crocodile, perhaps (7)
- Lorry banter (5)
- Trump's GP found in enclosure next to church (5)
- Plant with lily-like flowers and unusual inner ears (6)

| TSETSE | anagram of testes |
| :--- | :--- |
| FAIRLY | FAIRY around $L$ |
| ENLOCK | wenlock $-w($ spent $=$ removed $)$ |
| FEE | free $-R$ |
| RECAP | pacer backwards |
| RIVEN | river $-R+N$ |
| RABID | Rab $+i+d$ |

Fry/Fly $\quad$ R Quito/Quite O Stent/Spent T Cast/Cost A talks/walks T tern/torn E death/depth A
ROBESON Rob + nose reversed (Paul Robeson)rack/back $\quad \mathrm{R}$
SOP slop (waste) - l(wet bread) broad/bread O
NEAFFE $\quad A+f+f$ in née (Shakespearian fist) Uist/fist U KEDGER Kedgeree minus ee nice/rice N
IRON I + norbackwards Dress/Press D
TEIL Teil(lime) within trite illustrations Time/Lime T
(6) ACCRUE sounds like a crew shop's/ship's O

KAREN Karen Carpenter \& Myanmar Tribe tripe/tribe $\quad \mathrm{P}$
ERGO ogre backwards Grant/giant R
REPTILE perreversed + tile hit/hat I
TRUCK two definitions banter/barter N
PENCE pen $+C E-V P($ Mike Pence $) \quad$ GP/VP G
NERINE anagramofinner $+E($ arl $) \quad$ ears/earl $\quad$ S

The replaced letters spell ROTATE AROUND TOP RINGS - a cryptic clue for SPORTING (anagram of TOP RINGS).
We expected to find a second message in the first set but couldn't find one.

All the words fit in the grid placed in one of the three directions indicated by the arrows. Each gold hexagon contains an O to represent the 5 Gold Rings, both of the 12 Days song and the Olympic logo of the 5 athletes. ENABLER runs SE as stated in its clue "destruction from the south-east".

Non-intersecting words are separated by black bars. The ones given around the puzzle being the exact number needed of each.


These are the clues correctly numbered. Across is normally the first group, but here the NE group has been put first, as indicated by the three arrows.

## NE

13. Cut away or remove borders of incline (3)
14. Seafood is line caught (3)
15. Overturned English teacher's pay increase (4)
16. Regard entrance of mine (3)
17. Carpenter perhaps providing tripe in Myanmar (5)
18. The last portion of Pernod oddly ditched (3)
19. Summary: someone who talks slowly is backwards (5)
20. Provokes one to fly in London and Accra, possibly (7)
21. Rees-Mogg and pals' work unit (3)

## Across

1. Fry battered testes (6)
2. Trump's GP found in enclosure next to church (5)
3. Steal from bouquet rack for singer and activist (7)

10 . One repeatedly has trapped gas (4)
11. A revolutionary hit crocodile, perhaps (7)
15. Nobleman mostly ahead of schedule (4)
17. Charming creature tours lake in Quito (6)
21. Fanatical Scotsman beginning to interpret death (5)
22. Come into the possession of a shop's workers, reportedly
(6)
24. Secure 2012 mascot with stent (6)
26. Cast liberated without resistance (3)
28. Tern in stream shortly before noon (5)

30 . Last $25 \%$ of nice dish discarded - it steadies the ship (6)
$\searrow \mathrm{SE}$

1. Mixing claret wine ultimately leads to unbearable sentimentality (7)
2. Collected waste left out in wet broad (3)
3. Time to block trite illustrations (4)
4. One who facilitates destruction from the south-east by the French rector (7)
5. Plant with lily-like flowers and unusual inner ears (6)
6. Caught familiar chill (4)
7. American female following dons born in Uist years ago (6)
8. Lorry banter (5)
9. Therefore, Grant returns (4)
10. Dress? Me neither, on reflection (4)
11. Three feet of animal's home lying around (4)
12. Lengthen boring weekend (3)

By rotating the top three hexagon rings of six letters the phrase REST IN PEACE appears in the third row. RIP James.Medhurst


## lyrical Christmas cards

1. Jennifer Lopez
2. Dana
3. Eminem
4. Tom Odell
5. Pulp
6. Nirvana

Jenny From the Block
22 December 2002
\#24
It's going to be a Cold, Cold Christmas21 December 1975
24 December 2000
21 December 2014
\#3
Stan
Real Love
Disco 2000
Smells Like Teen Spirit

24 December 1995
\#15
22 December 1991 \#25


The four bells on the green puzzle say Ag 47 . Silver (Argentum) has atomic number 47. Along with the 4 cockle-shells, this links to the nursery rhyme Mary, Mary, quite contrary ("pretty maids all in a row")

The gravestones (ODNB = Oxford Dictionary of National Biography) are the death dates of the "Queen's Maries" The Queen's Maries (act. 1548-1567), were four small girls chosen to be maids of honour to five-year-old Mary, Queen of Scots, when she was sent to France in 1548 as the fiancée of the dauphin François. All four came from well-known Scottish families with royal connections.

Mary Livingston (d. 1585)
Mary Beaton (c. 1543-1597)
Mary Fleming (1542-c. 1600)
Mary Seton (b. c. 1541, d. after 1615)

The 3 card pictures are:

- a yum yum doughnut ( mmmm )
- Bo-Peep from "Toy Story" Her image is upside down and the arrows indicate that her name needs to be inverted to Peep-Bo
- a blue-TIT. Anagrammed with SIP GIN gives Pitti-Sing.

Yum-Yum, Peep-Bo and Pitti-Sing are the three maids from the opera "The Mikado", which is spelled around the Bo-Peep card The Queen of Spades hints at the card game "Old Maid".

Together these gives the 8 Maids from the 12 Days of Christmas carol.

The scroll is encoded with the Mary Queen of Scots cipher and reads

## PART OF THIS GIFT HAS GONE ASTRAY FIND THE CULPRITS IF YOU MAY

The missing part of the gift are the cows that the maids are amilking. These are cattle-rustlers who have gate-crashed the Christmas Party.

```
abcdefghifklmmo.pqrstuxyz
```



```
Nulles f4.-._.d. Dowbleth }
and for with that if but where as of the from by
    2
    so not when there this in wich is what say me my wyrt
```



```
    send l\tilde{e} receave bearer I pray you Mte your name myne
        \int \
```

1. Yul Brynner was in a film called Catlow, as the cattle-rustler Jed Catlow

## Photos and Ciphers

1. 'Bird on a Wire' 1990 movie starring Mel Gibson as Richard "Rick" Jarmin and Goldie Hawn as Marianne Graves
2. Polar Allosaurus (BBC "Walking With Dinosaurs - Big Al's Mating Call" TOO EARLY - Allosaurus had several similarities to birds, but was too early to be classified as such.
3. Ningbo Bird Company logo - manufacturer of mobile phones
4. Neal Foulds (nickname Busby) - Buzby was BT's bird in a long-running advertising campaign. It even has a reference to Neal Foulds at the top of the article.
5. Tina Humphrey and her Collie Dog Chandi (Britain's got talent) OLD LINE - The original line was " Four
 Colly Birds"
6. Grumpy Gertie the Goose in a telephone box in Sandon Village


The associated ciphers are either Pig-Pen or a representation of the keys on a phone key-pad. There are several alternatives from the T9 phone decoder although the dots may help identify which to use. 1. (key-pad) PEAR/REAP/REAR/SEAR + PAD/SAD - PEAR PAD is in keeping with the theme 2. (key-pad) TOO EARLY - Allosaurus was an antecedent of a bird
3. (key-pad POP/SOP + BUYER
4. (key-pad) AMOEBAN ANNE/BOND/BONE/COME/CONE + BAM/BAN/CAM/CAN
5. (pig-pen) OLD LINE (pig-pen) - The original line was Four colly-birds
6. (key-pad) ODD/ODE/NED/NEE + I + PEEP/PEER/REES/SEEP/REDS

Allosaurus Polar (cold) and Tina Humphrey have to be eliminated as they are not (calling) birds to leave the requred four birds.

## Arrowed Pictures

These represent $\underline{\text { Six Degrees of Kevin Bacon. This is a parlour game where players challenge each other to arbitrarily choose an }}$ actor and then connect them to another actor via a film that both actors have appeared in together, repeating this process to try and find the shortest path that ultimately leads to prolific American actor Kevin Bacon. It rests on the assumption that anyone involved in the Hollywood film industry can be linked through their film roles to Bacon within six steps. The game's name is a reference to "six degrees of separation", a concept which posits that any two people on Earth are six or fewer acquaintance links apart.

The thermometer shows 6 degrees Celsius and says "Made in Philadelphia" at the bottom, and Kevin Bacon was born in Philadelphia.

1 Pig Pen (Snoopy)
2 Fifi and Snoopy 'The Peanuts Movie' 2015
3 Danny Devito in 'Deck the Halls' 2006 movie
4 Newspaper from 'LA Confidential' 1997 movie set at Christmas
5 Fred Claus (video image at 1:29)
6 Rebel Wilson as Patrica 'Fat Amy' Hobart in 'Pitch Perfect 3' 2017
7 'Footloose' 1984 with Kevin Bacon and Lori Singer
AJ TEECE - The Peanuts Movie $\rightarrow$ KRISTIN CHENOWETH $\rightarrow$ Deck the Halls $\rightarrow$ DANNY DEVITO $\rightarrow$ LA Confidential $\rightarrow$ KEVIN SPACEY $\rightarrow$ Fred Claus $\rightarrow$ ELIZABETH BANKS $\rightarrow$ Pitch Perfect $\rightarrow$ JOHN LITHGOW $\rightarrow$ Footloose $\rightarrow$ KEVIN BACON
N.B. PIGPEN and BACON are both types of cipher.

## Turkey Legs (for all but two)

Turkey legs are known as drummers. These clues are drummers from bands. There are only 12 in the carol, so two have to be used elsewhere. Ringo Star and ??? are vegetarians so wouldn'teat turkey.

The initials of the bands spell ?RWTKZ DECODE T9 T9 is the keypad text prediction system used on mobile phones which decodes the 4 Calling Birds ciphers


1. That guy whose wife looked downwards when making a greeting. I did not know if she was talking to us or to something else.
2. That guy who was in a hurry. That other guy Charlie's namesake said he was fourth best.

Neil Peart of Rush - 4th best according to Rolling Stone magazine. Charlie Watts was the drummer of The Rolling Stones. The two entities are unrelated - both took their names from a blues song 'Rollin' Stone' by Muddy Waters, released in 1950.
3. That guy who put on a show at the Christmas dance, along with his strange relatives.

Orsino Thruston Weird Sisters. The Weird Sisters are a wizarding rock band. They are booked by Dumbledore to play at Hogwarts during the Yule Ball (Christmas dance). In Harry Potter and the Goblet of Fire they are described as "all extremely hairy and dressed in black robes that had been artfully ripped and torn." In the film version of Harry Potter and the Goblet of Fire they perform three songs (all composed by Cocker): "Do the Hippogriff", "This Is the Night" and "Magic Works". They were played by real-life musicians: According to Wizards of the Coast Famous Wizard cards the members are:

> Orsino Thruston - drums - Phil Selway (Radiohead)
> Heathcote Barbary - rhythm guitar - Jason Buckle (All Seeing I)
> Gideon Crumb - bagpipes \& keyboard - Steven Claydon (Add N to (X))
> Kirley Duke - lead guitar - Jonny Greenwood (Radiohead)

Merton Graves - cello
Donaghan Tremlett - bass - Steve Mackey (Pulp)
Myron Wagtail - lead singer - Jarvis Cocker (Pulp)
Herman Wintringham - lute
The term Weird Sisters is also used in William Shakespeare's play Macbeth to descri be the three witches, and more closely contemporaneous with the Harry Potter novels, in Terry Pratchett's Discworld Cycle. Orsino is a character in "Twelfth Night", another Christmas connection.
4. That guy who used his voice training in an animated way.
$\underline{\text { Ringo Starr }}$ of The Beatles. He narrated the first two animated series of Thomas the Tank Engine ( $\underline{\text { train }}$ ).
5. That haymaker guy who sounds like he is related to Erica. I could tell from his eyes that he was a dreamer.

Eric Carr of Kiss. Hit his drums very hard and name sounds like Erica. He wore fox make-up when playing. Dreamer is a fox cub in The Animals of Farthing Wood
6. That topless guy who might bite. He previously worked with McFly.

Frank Beard of ZZTop played on 'Back to the Future III' (character named Marty McFly) the Drummer is 'Frank Beard' who doesn't wear a hat like the other two (topless).Beard was a member of a fake version of the British band the Zombies (might bite) 7. That guy who is easy to mistake for that other guy who reared two tigers.

Roger Taylor of Duran Duran, as opposed to Roger Taylor of Queen (has 5 children including Rufus Tiger and Tiger Lilly)
8. That redheaded guy with Daisy's daughter and possibly a dentist.

Animal from The Muppets. He was in (Dr. Teeth and the) Electric Mayhem which included Janice. Janice's mother was Daisy
9. That guy who once worked as a doorman and had a boss exactly like David Brent.

Will Champion Before finding fame as the drummer from Coldplay, Will Champion used to work as a doorman at a bar. His boss was Ricky Gervais.
10. That guy who claimed his version of events of his time at the watering hole was entirely accurate.

Tony McCarroll played the drums for Oasis (watering hole) on their debut album, Definitely Maybe, and on "Some Might Say", Oasis' first number-one single, from the album (What's the Story) Morning Glory?, before he was dismissed from the band in 1995. Soon after Liam's brother Noel joined. McCarroll has stated in his book that he was closely involved in the creation of several of Oasis's songs, including "Supersonic", despite Noel being given sole c redit as songwriter. In 1999 McCarroll attempted to sue Oasis for $£ 18$ million in which he argued he was still entitled to his part of the band's five-album record deal. The case was settled out of court for $£ 550,000$ and McCarroll agreeing to give up any royalties from the band's songs.
11. That fully dexterous guy who is said to be like Thor.

Rick Allen of Def Leppard. His left arm was amputated, but he continued to play! He is known as "The Thunder God" (dexterous = right-handed)
12. That guy who is the ex of the ex of thatother guy who embarrassed himself with a fox. No, not that guy: the guy who sounds like he plays with a London football club.
Don Henley from Eagles was involved with Stevie Nicks after she split from Lindsey Buckingham. She was also involved with Mick Fleetwood. He did a dreadful Brit Awards hosting gig in 1989 with Samantha Fox. Guests appeared at the wrong time, the wrong winners were announced, and Michael Jackson's acceptance tape was forgotten. Sam Fox tried to rescue the night with plenty of "Woo woo!"'s, but it didn't help.
Mick Fleetwood has two ex wives/girlfriends who were also with other drummers. He married Jenny Boyd in the 1970-1976 (div). She also married Ian Wallace, King Crimson drummer 1984-1990 (div). Wallace also was a drummer for Don Henley! So it reads: Ian Wallace who is the ex of Jenny Boyd, the ex of Mick Fleetwood, who embarrassed himself with Sam Fox. No not that drummer, rather Don Henley (who is also the ex of Stevie Nicks, the ex of Mick Fleetwood who.......Sam Fox) who sounds like he plays with a London FC. Crystal Palace FC's nickname is "The Eagles"
13. That guy Buster with the fan club, who also worked with that guy who Robert Davis supposedly said was not the best. Jim Keltner. He played drums with the Travelling Wilburys under the pseudonym Buster Sidebury. He encouraged fans to join "The Jim Keltner Fan Club". He worked as a session drummer for three former Beatles, including Ringo Starr. Robert Davis (Jasper Carrot) (real name Robert Davis) supposedly said Ringo Starr wasn't the best. He went to school with Beverley Bevan drummer of the Move
14. That guy who needed a manicure. He won awards for his Soul music.

Trent Reznor - 9 Inch Nails. Soul is a 2020 Disney-Pixar film Soul. Reznor and Atticus Ross composed a new-age score of 23 pieces for the metaphysical segments of the film.


The calendar is a list of successive years from 1968 to 2009. The column headed 1 is the Christmas Number 1 for that year. The second column (pipe) lists the Pipe Smoker of the Year for that year. The award was discontinued in 2004 because its organisers feared it fell foul of laws banning all advertising and promotion of tobacco.

The pictures around the outside and the text within point to a related entry in that column.

Column 2
$196957.91^{\circ} \mathrm{N} 6.83^{\circ} \mathrm{W}$ (Isle of HARRIS)
1975 Elizabeth I Coronation Portrait 15th Ja
1991 Elizabeth I Coronation Portrait 15 th Jan 1559
$199229.76^{\circ}$ N $95.38^{\circ}$ (W Houston, Texas) 2000 Robert Adam Neo-classical architect $2006 \overline{58.20^{\circ} \mathrm{N} 6.60^{\circ}} \mathrm{W}$ (Isle of LEWIS) 2009 Killing In The Name

Column 3
$197054.07^{\circ} \mathrm{N} 2.87^{\circ} \mathrm{W}$ (Morecambe,Lancs)
1974 Yorkshire Cricket Club Logo
1975 (honey->bee)
1976 Tweenies 'Cold Wilson'
$198153.27^{\circ} \mathrm{N} 9.05^{\circ}$ (Galway)
1988 ( $\because$ we want to)
$199353.74^{\circ} \mathrm{N} 0.33^{\circ} \mathrm{W}$ (Hull)
1995 Jethro Tull Agriculturist
2000 (some deep thing)
2000 Joss Ackland at 2011 Olivier Awards
2006 SI3368
(Number 1 single's artist)
Rolf Harris
Queen
Pet Shop Boys actor Nigel Hawthorne bought a house from Chris Lowe
Queen
Whitney Houston
Bob The Builder
Leona Lewis
Rage Against The Machine. It became the Christmas number one due to a campaign to prevent The X Factor winner's songfrom gaining the Christmas number one in the United Kingdomfor a fifth successive year.
(Pipe Smoker of the Year)
Eric Morecambe
Fred Trueman
*Billie Piper song "Honey to the Bee" (1999)
Harold Wilson
James Galway
*Billie Piper song "Because We Want To" (1998)
Rod Hull
Jethro (comedian) Band Jethro Tull played the flute (piper). His band had a Christmas album including lyric "She's a warmfart at Christmas". *Billie Piper song "Something Deep Inside (2000)" (note matching year) Joss Ackland - appeared in 'Pet Shop Boys' video "Always on my Mind" Christmas number 1 1987. He was also Mustrum Ridcully in The Hogfather. UK Statutory Instruments Smoke Free legislations The smoking ban was proposed in 2004 hence 2004-2009 are blacked out (no pipers!)

Number 1 single - Artist
1968 Scaffold
1969 Rolf Harris
1970 Dave Edmunds
1971 Benny Hill
1972 Jimmy Osmond
1973 Slade
1974 Mud
1975 Queen
1976 Johnny Mathis
1977 Wings
1978 Boney M
1979 Pink Floyd
1980 St Winifred's School Choir
1981 The Human League
1982 Renée And Renato
1983 The Flying Pickets
1984 Band Aid
1985 Shakin' Stevens
1986 Jackie Wilson
1987 Pet Shop Boys
1988 Cliff Richard

Title
Lily The Pink
Two Little Boys
I Hear You Knocking
Ernie (Fastest Milkman In The West)
Long Haired Lover From Liverpool
Merry Xmas Everybody
Lonely This Christmas
Bohemian Rhapsody
When A Child Is Born
Mull Of Kintyre/Girls' School
Mary's Boy Child - Oh My Lord
Another Brick In The Wall (Part 2)
There's No One Quite Like Grandma
Don't You Want Me
Save Your Love
Only You
Do They Know It's Christmas
Jimmy Merry Christmas Everyone
Reet Petite
Always On My Mind
Mistletoe And Wine

Pipe Smoker of Year
Peter Cushing
Jack Hargreaves
Eric Morecambe
Lord Shinwell
Lord Shinwell
Frank Muir
Fred Trueman
Campbell Adamson
Harold Wilson
Brian Barnes
Magnus Magnusson
J. B. Priestley

Edward Fox
James Galway
Dave Lee Travis
Patrick Moore
Henry Cooper
Greaves
David Bryant
Barry Norman Ian Botham

| 1989 | Band Aid II | Do They Know It's Christmas? |
| :--- | :--- | :--- |
| 1990 | Cliff Richard | Laurence Saviour's Day |
| 1991 | Queen | Bohemian Rhapsody/These Are The Days Of Our Lives |
| 1992 | Whitney Houston | I Will Always Love You |
| 1993 | Mr Blobby | Mr Blobby |
| 1994 | East 17 | Stay Another Day |
| 1995 | Michael Jackson | Tony Benn |
| 1996 | Spice Girls | Earth Song |
| 1997 | Spice Girls | 2 Become 1 |
| 1998 | Spice Girls | Too Much |
| 1999 | Westlife | Goodbye |
| 2000 | Bob The Builder | Ranulph Fiennes |
| 2001 | Robbie Williams \& Nicole Kidman |  |
| 2002 | Girls Aloud | Somethin' Stupid |
| 2003 | Michael Andrews \& Gary Jules | Sound Of The Underground |
| 2004 | Band Aid 20 | Mad World |
| 2005 | Shane Ward | Do They Know It's Christmas |
| 2006 | Leona Lewis | That's My Goal |
| 2007 | Leon Jackson | Willie John McBride |
| 2008 | Alexandra Burke | Trevor Baylis |
| 2009 | Rage Against The Machine | A Moment Like This |

*The Rose in column 3 signifies Billie Piper. Piper appeared in the BBC One sci-fi series Doctor Who in the role of Rose Tyler, companion to The Doctor as a regular between 2005 and 2006, and additionally in 2008, 2010, and 2013 including the 2005 Doctor Who Xmas Special: The Christmas Invasion. The column identifies 3 songs by her. The 3 roses on the Christmas party invitation (pg7) indicate that the pipe smokers for those years are invitees.

```
1975 (honey }->\mathrm{ bee) Honey to the Bee (1999) Campbell Adamson
1 9 8 4 ( \because \text { we want to) Because We Want To (1998) Henry Cooper}
2000 (some deep thing) Something Deep Inside (2000) Joss Ackland
```


## Questions around border

The leading character indicates whether the question relates to the Christmas No. 1 (1.) or Pipe Smokers (•) Columns. The subjects of the questions appear on unique pages elsewhere in the hunt.. The answers are years and the required link is the Artist or Smoker for that year

- Man who sounds cold started chattering - First episode of Parkinson chat show (pg13) 19 Jun 1971 => Lord Shinwell

1. Band gave spellbinding performance at Christmas party => Weird Sisters from Harry Potter Yule Ball (pg 5) 25 December, 1994 => East 17.

- Frank, James and William returned home - Apollo 8 crew: Frank Borman, James Lovell, and William Anders (pg8) - December 27, 1968 => Peter Cushing

1. James (Black) born - James Cracknell (black ring on pg3) born 5 May 1972 => Jimmy Osmond

- 400th anniversary of the death of four maids' mistress - Mary Queen of Scots (pg4) Died 8th Feb $1587+400=24$ th July 1987
=> Barry Norman
- P in S opened - (pg10 S $\ni$ P art gallery). Baltic Centre for Contemporary Art (aka Baltic) is located on the south bank of the River Tyne in Gateshead. It opened in a converted flour mill in 2002. => Richard Dunhill
- Famous victory in Brighton, recalling famous victory in the Netherlands - Abba (pg11) win Eurovision with song Waterloo on 6th April 1974 in Brighton. Napoleon fought in Battle of Waterloo, United Kingdom of the Netherlands (present day Belgium) 18 June 18151974 => Fred Trueman

1. Partygoer stood in the same place twice - Screaming Lord Sutch. Two Bootle by-elections were held during 1990, for the House of Commons constituency of Bootle in Merseyside. Screaming Lord Sutch (pg8) stood in both. $1990==>$ Cliff Richard
2. First time GOD Ordered to take a Bath - Lord Gus O'Donnell (pg 9). He received two Orders of the Bath - in 1994 the CB (Companion of the Bath) and in 2011 the GCB (Grand Cross Bath) 1994 => East 17
3. Song featuring T8 was track T4 on \#T1 xmas album. - T8 T4 T1 are triangular numbers 36101 (pg2). Carry on up the Charts by The Beautiful South. Track \#10 was "36D" in 1994 => East 17 (Stay Another Day)

Starting top left at $\bullet$ the first letters of names spell SECOND TREE
12 Pipers from the pipers list have been used in various ways:

| Peter Cushing | border question | Joss Ackland | image and red rose/ Billy Piper |
| :--- | :--- | :--- | :--- |
| Barry Norman | border question | Henry Cooper | red rose/Billy Piper <br> Lord Shinwell |
| border question | Cambell Adamson | red rose/Billy Piper |  |
| Fred Trueman | border question and image | Eric Morecambe | coordinates |
| Harold Wilson | border image | James Galway | coordinates |
| Jethro Tull | border image | Rod Hull | coordinates |

## Pages 7 and 8-10 Lords a-leaping, 9 Ladies dancing, 6 Geese a-laying



The icons on the R.S.V.P. indicate the guests that have to be taken from another page of the hunt to replace those they sent as alternates. Once replaced, these 14 alternates play no further role in this puzzle.

- Crackers - the 3 cracker riddles on page 9 = Lord Kinnock, Ross Gellar (name of a goose), Lord Gus O'Donnell - replace the code crackers: John Wallis, Alan Turing, Charles Babbage
- Maps - the 5 names from the top right map on page $10=$ Lord Nelson, Brent (goose), O?? (Piper), Lord Aberdeen (Earl of Aberdeen), Lord Hutton - replace mappers: Captain Flint, General Roy, Mercator, Eratosthenes, Sanford Fleming
- Chickens - 3 French hens from page 9 = Australorpe, Orpington, Naked Neck replace French hen objects: Cordon Bleu, Baton Rouge, Cockerel logo (Laurent Blanc)
- Roses - 3 pipers from page $6=$ Joss Ackland, Henry Cooper, Campbell Adamson replace Ruby, Brian, and Cindy Rose

The two gatecrashers relate to the missing gift part on page 4 (8 Maids a Milking) and are probably cattle-rustlers (eg Yul Bryyner as Catlow). They aren't in disguise.

The picture orientation or name identifies the assigned category of that seat at the table:

$$
\begin{array}{ll}
\text { Normal - Pipers (piping) [13 seats] } & \text { - sideways - Goose (a-laying) [8 seats] } \\
\uparrow \text { raised - Lord (leaping) [13 seats] } & \text { Normal - French Hens (from page } 9 \text { ) [4 seats] } \\
\diamond \text { diamond - Lady (dancing) [10 seats] } &
\end{array}
$$

This suggests there are 2 Pipers, 3 Lords, 1 Lady, 2 Geese and 1 Hen extra. These are the Uninvited Guests, see below

## Seated

1-President Coriolanus Snow played by Donald Sutherland in The Hunger Games - Snow is a variety of goose 2 Jeremy Irons as as horologist Rupert Gould in Longtitude (video at 2:30). Longtitude. presents the story of Harrison's efforts to develop the marine chronometer and thereby win the Longitude prize in the 18th century. This is interwoven with the story of Gould (Jeremy Irons), a retired naval officer, who is restoring Harrison's four chronometers and popularises his achievements in the early twentieth century.
$3 \diamond$ Merle Oberon in The Divorce of Lady X (video at 18:38)
Number of layers (3) SIX

## Mingling allowed

1 Edward VIII (reversed and coloured pink)
2 Vincent Van Gogh: Self-portrait with Pipe and Straw Hat
$3 \diamond$ Lady Natalie Evans, Leader of the House of Lords - (Natal-ie)
$4 \uparrow$ Toby Stephens (Captain Flint in Black Sails) - mapper alternate for Lord Nelson (pg10)
$5 \diamond$ Lady Campanula Tottington (voiced by Helena Bonham Carter) in Curse of the Were Rabbit
Happening (5) EVENT

## Seated

1 CS Lewis (pipe smoker)
$2 \diamond$ Lady Elliot Island
3-IXL Analogies answer box (incomplete answer)- Anser is a variety of goose
$4 \diamond$ Cyril Fletcher as panto dame
$5 \uparrow$ Da Unbreakables album by Three 6 Mafia (pg 2) member Lord Infamous
6 Albert Einstein holding a Waterman 22 Fountain Pen. c. 1938 and smoking a pipe
$7 \diamond$ priest Benedict Cumberbatch as Sherlock Holmes. Lady Maeve Sherlock is a priest and a member the House of Lords. She was ordained as a priest in 2019

What Surrey is but a Christmas tree is not (8) LEAFIEST
(Surrey is officially the leafiest area in Britain - boasting more tree coverage than any other, according to high-tech aerial analysis)

1 Ruby Rose as Batwoman - red rose actor alternate for Joss Ackland
2 - Rushden and Diamonds Football Club at Nene Park (defunct) - Nene is a variety of goose
3 Chicken Shack sign outside restaurant in Baton Rouge - red French hen alternate for Orpington (pg9)
$4 \uparrow$ vet coniferous forest in snow - Alexander John "Sandy" Trees, Baron Trees (born 12 June 1946) is a Professor of veterinary parasitology and a Crossbench member of the House of Lords. Honorific title: The Right Honourable Professor The Lord Trees $5 \diamond$ Lin-Manuel Miranda as Alexander Hamilton-Hamilton the Musical (Lady Hamilton)
6-Debbi Peterson (Drummer) of The Bangles - Walk like an Egyptian (image at 1:54) - Egyptian is a variety of goose
$7 \uparrow$ Sean Bean from the TV Series "Sharpe". He's confronting his wife's lover in this scene. The lover is called Lord Rossendale and the episode is "Sharpe's Waterloo". (video about 1:19 in). plot summary mentions "famous battle of Waterloo" (pg6)
$8 \uparrow$ "Lord" Hugh Rodley (Runderpicture)
9 At The Sign Of The Umber Chicken: An exhibition of the work of the Poole Hall Press of Grimsby, Ontario
10 René Magritte (seems to be his face photoshopped onto his "Man in a Bowler Hat" and" Pipe Tablo" paintings) Something you might ask for at Christmas $(7,3)$ ANOTHER RUM

## Mingling allowed

$1 \diamond$ Lady Floella Benjamin (Play School)
$2-$ Emperor penguin (1:03 min in) - Emperor is a variety of goose
3 Creamy Chicken Cordon Bleu (image search picture link no longer works) - blue French hen alternate for Australorpe (pg9)
4 Brian Rose video at 1:17 - red rose boxer alternate for Henry Cooper
5 Hugh Hefner Lego figure (CEO) - [uninvited guest]
6-Trigpoint at Miltonhead (Birthplace of Major General William Roy originator of OS maps) - alternate for Brent goose (pg10)
7 Gerardus Mercator Flemish mapper alternate for O:?: (pg10) (Alpha Piperoil field on pg10 map)
8 Orinoco (image at 2:51) - character in The Wombles (pg11) - Orinoco is a variety of goose
$9 \uparrow$ John Wallis who was Cromwell's code breaker during the English Civil War - code cracker alternate for Lord Kinnock (pg9) Garland production $(5,4)$ BEACH BOOK (Alex Garland wrote "The Beach")

## Seated

1 Yul Brynner
2 Ada Lovelace from The Thrilling Adventures of Lovelace and Babbage (She smokes a pipe in the comic because it's the sort of thing Victorian crime-fighting bipolar calculating machines are wont to do.) Babbage broke the vigenere autokey cipher in Crimean War.
$3 \uparrow$ Eratosthenes (Sieve of Eratosthenes identifies prime numbers) - mapper alternate for Lord Aberdeen (pg10)
4 Cockerel logo shirt worn by Laurent Blanc at Tournoi de France 1997- white French hen alternate for Naked Neck (pg9)
$5 \uparrow$ Lord Alfred Dubs speaking at start of Labour's Race and Faith Manifesto launch 26/11/2019
Second-rate country like Turkey? (5) BLAND (B-LAND. Blandness is a common fault of cooked Turkeymeat. )

## Mingling allowed

$1 \diamond$ Baroness Trumpington (image reversed)
$2 \uparrow \underline{\text { Sir Sanford Fleming. Tonga Stamp with his face. Scottish Canadian engineer and inventor. He promoted worldwide standard }}$ time zones, a prime meridian (pg14), and use of the 24-hour clock as key elements to communicating the accurate time, all of which influenced the creation of Coordinated Universal Time. He designed Canada's first postage stamp, produced a great deal of work in the fields of land surveying and map making, engineered much of the Intercolonial Railway and the Canadian Pacific Railway, and was a founding member of the Royal Society of Canada and founder of the Canadian Institute. - mapper alternate for Lord Hutton (pg10)
$3 \diamond$ samurai Lady Saigō aka Oai. Lady Saigō, also known as Oai, was the first consort and trusted confidante of Tokugawa Ieyasu, the samurai lord who unified Japan at the end of the sixteenth century and then ruled as shōgun.
4 - Alan Turing He broke the Enigma code in WW2 - code cracker alternate for Ross (goose) (pg9)
$5 \uparrow$ Lord North pouring tea down America's throat
6 Screaming Lord Sutch. Politician and singer. As a singer he variously worked with Keith Moon, Jeff Beck, Jimmy Page, Ritchie Blackmore, Charlie Watts, John Bonham and Nicky Hopkins, and is known for his 1963 novelty hit "Jack the Ripper".

$$
\text { Dead letters (6) THORNS }(\mathbf{P}, \mathrm{p} \text { is old letter }=t h)
$$

## Ladies

1. Lady Campanula Tottington
2. Lady Elliot (island)
3. Lady Floella Benjamin
4. Lady Hamilton
5. Lady Maeve Sherlock
6. Lady Natalie Evans
7. Lady Saigō
8. Lady Trumpington
9. Lady X (Merle Oberon)

10. Cyril Fletcher (dressed as a panto dame) - Uninvited Guest

## French Hens

1. Orpington (rouge)
2. Australorps (Bleu)
3. Naked Neck (Blanc)
4. Umber - Uninvited Guest

## Lords

1. Lord David Triesman
2. Lord Alexander Trees
3. Lord Rossendale
4. Lord Hutton
5. Lord Alfred Dubs
6. Lord North
7. Lord Gus O'Donnell
8. Lord Nelson (Toby Stephens)
9. Lord Kinnock (John Wallis)
10. Lord Aberdeen (aka Lord Haddo) (Erastosthenes)
11. Lord Sutch - Uninvited Guest
12. Lord Infamous - Uninvited Guest
13. Lord Hugh Rodley - Uninvited Guest

## Geese

1. Snow - Donald Sutherland as Coriolanus Snow
2. Anser (Grey goose genus) - "incomplete answer"
3. Nene - Nene park stadium
4. Emperor - Emperor penguin
5. Ross (Alan Turing alternative cracker)
6. Brent (General Roy alternative mapper)

7. Orinoco - Orinoco Womble - Uninvited Guest
8. Egyptian - Debbi Peterson (Walk Like an Egyptian) - Uninvited Guest

## Smoking area

There are 12 Pipers sitting in the first 7 rooms. Some of these need to be placed in the smoking area along side the 2 already seated there to give the answer (4,1,4,4) [4,1,4,2 boxes]. N.B. 2 are not actually smokers so move to the uninvited guests room

## 1

2 already seated
3 Reserved for a painter
4
5 Reserved for an actor
6
7
$8 \uparrow$ already seated
9
10 Reserved for an actor
11 Reserved for a mathematician

Hugh Hefner
Microsoft UK CEO Cindy Rose - alternate for Campbell Adamson (CEOs)
Vincent Van Gogh
King Edward
Ruby Rose - alternate for Joss Ackland Brian Rose - alternate for Henry Cooper
Gerardus Mercator - mapper alternate for O:?: (pg10)
Charles Babbage (arrowed) played by Mark Dexter in Dr Who (Jodie Whittaker) "Spyfall" code cracker alternate for Lord Gus O'Donnell (pg 9)*
CS Lewis
Yul Brynner
Albert Einstein
$(4,1,4,4)$ (spaces indicate $4,1,4,2)=$ HAVE A COOL BEER
*(Not sure why O'Donnell, a non-smoking Lord stays in the smoking area?)

## Uninvited guests

There are 13 Pipers, 13 Lords, 10 Ladies, 8 Geese and 4 Hens at the Party. To get 11 Pipers, 10 Lords, 9 Ladies, 6 Geese and 3 French Hens as in the $\mathbf{1 2}$ Days of Christmas song, 9 of these are uninvited guests in fancy dress and are placed in the final room:

$$
1
$$

2 (reserved for an actor)
3 (reserved for a painter)
4 (reserved for a musician)
5 (reserved for a musician)
6
7
8 (reserved for a mathematician)
9

Orinoco
Cyril Fletcher
Rene Magritte
Lord Infamous
Lord Sutch
Lord Rodley Umber hen Ada Lovelace Egyptian

```
not a true Goose (shelduck)
not a Lady (panto Dame)
not a smoker
not a real Lord
not a real Lord
not a real Lord
not a French Hen
not a smoker
not a true Goose (shelduck)
```

$$
(2,7)=\text { OF MISRULE }
$$

In England, The Lord of Misrule (known in Scotland as the Abbot of Unreason and in France as the Prince des Sots) was an officer appointed by lot during Christmastide to preside over the Feast of Fools. The Lord of Misrule was generally a peasant or sub-deacon appointed to be in charge of Christmas revelries, which often included drunkenness and wild partying.

When these people are moved from the 6 main areas, the remaining partygoers are:

Seated (no anagramming)

1. President Coriolanus Snow
2. Jeremy Irons
3. Lady X

SIX
Mingling allowed (ie anagramming)

1. Lady Campanula Tottington
2. Lady Natalie Evans
3. Lord Nelson

TEN
Seated (no anagramming)

1. Lady Elliot Island
2. Anser
3. Lady Maeve Sherlock
4. Lord David Triesman EAST

Mingling allowed (ie anagramming)

1. Nene
2. Orpington
3. Lord Rossendale
4. Lord Trees
5. Lady Hamilton NORTH

Mingling allowed (ie anagramming)

1. Lord Kinnock
2. Emperor goose
3. Lady Floella Benjamin
4. Australorpe
5. Brent goose

KEBAB

Seated (no anagramming)

1. Lord Aberdeen
2. Naked Neck
3. Lord Alfred Dubs AND

Mingling allowed (ie anagramming)

1. Lord North
2. Lady Saigō aka Oai
3. Ross (goose)
4. Baroness Trumpington
5. Lord Hutton NORTH


Page 9 - 3 French Hens

## Cracker Riddles

These are all invited guests and have sent alternative code crackers to the ATH Party.

1 His domestic career ended in major disappointment. Then he went to work for Father Christmas (perhaps I misheard). There's no arguments at Christmas dinner


## 3 French <br> hens

Lord Neil Kinnock He was beaten by John Major at the 1992 general election, ending his career in UK (domestic). He was appointed a European Commissioner in 1995, and moved to Brussels and worked for Jaques Santer (Santa).
Lord Kinnock replaces John Wallis on page 7 to help complete the words BEACH BOOK
2 In his guise as a holiday animal, he was friends with Santa Claus. His smallest friend is hiding on page 1. He took a break with another friend. Or did he? It was the subject of some debate.
Ross Gellar This is about Friends episodes:
"The One with the Holiday Armadillo" - Ross is dressed as the armadillo, and Chandler appears later as Santa Claus. Joey is the smallest friend (as in baby kangaroo) and JUMPER is in the word search on page 1
"The one where Ross and Rachel Take a Break" - After this episode there becomes a running gag about whether or not they had broken up. Starting with episode 17 of season three ("The One Without The Ski Trip") Ross recurrently repeats the phrase "we were on a break" in the recurring rows with Rachel as well as on occasions when the audience least expects it. Rachel also repeats her alternative version ("We were NOT on a break!") albeit it's far less frequent. Ross emphasizes that he and Rachel had broken up and thus he was free to strike a partnership with any other woman while Rachel maintains that somehow they hadn't been on a break and so Ross actually cheated on her.
Ross's goose Ross replaces Alan Turing on page 8, to help complete THORNS
3 Named after a saint but actually a GOD, he embodied a trinity that was divided when he retired ten years ago. He and his colleagues listen to the Queen's Speech in their House every year.
Sir Gus O'Donnell (GOD). Retired in 2011 and role replaced by 3 people. His role as Cabinet Secretary is being taken by Jeremy Haywood, a long time policy specialist. But Haywood, by all reports, did not want to take responsibility for managing the civil service or the Cabinet Office. So Sir Robert (Bob) Kerslake will become 'Head of the Civil Service' alongside his 'day job' as Permanent Secretary at the Department for Communities and Local Government. And Ian Watmore, head of the Efficiency and Reform group in the Cabinet Office, will become the Permanent Secretary for the Cabinet Office.
O'Donnell signed Government papers with the affectionate term "GOD" https://en.wikipedia.org/wiki/Gus_O\'Donnel
O'Donnell replaces Charles Babbage on page 8 in the Smoking area.
Pas Francaise - mais Anglaise, Australienne, et Roumaine
The word "poule" appears three times among the word salad, in blue, white and red. The little pictures of chickens are also in blue, white and red, like the French flag. So this is the "three French hens". The blue chicken is a previous artwork on the 4th Plinth at Trafalgar Square. The white chicken is a nesting hen dish, probably to hold eggs. The red chicken is a fancy dress costume:

Drawing a vertical line separates the three groups of words. Then read each set in order, across and down.


Non, un oeuf ne suffit pas. Cette poule a battu tous les records il y a cent ans = No, one egg is notenough. This hen broke all the records a hundred years ago. The Austalorp comes from Australia, and broke world records in the 1920s by laying over 300 eggs.

Il vaudrait mieux se couvrir les morsures, dans la région d'origine de cette poule = It would be better to cover up to avoid bites, in the region of origin of this hen. The Naked Neck (aka Turken) comes from Transylvania, Romania, and literally has a bare neck with no feathers.

Un voyage en Eurostar passe par la région d'origine de cette poule $=$ A trip by Eurostarpasses through the region of origin of this hen. The Orpington comes from Orpington, Kent and a trip by Eurostar passes through Kent.

## Lyrical Christmas cards

Aled Jones Walking in the Air 22 December 1985 \#5
The Wombles Wombling Merry Christmas 22 December 1974 \#5
Vanilla Ice Ice Ice Baby 23 December 1990 \#2

Page 10 - 2 Turtle Doves, 7 Swans

## a-swimming

## Questions

These are about events that happened on Christmas Day and are in date order.
Blue letter questions are about the Cold War. Red letter questions are about "The Hot War" trilogy by Harry Turtledove


The Cold War was a period of geopolitical tension between the United States and the Soviet Union and their respective allies, the Western Bloc and the Eastern Bloc, which began following World War II. Historians do not fully agree on its starting and ending points, but the period is generally considered to span the 1947 Truman Doctrine ( 12 March 1947) to the 1991 Dissolution of the Soviet Union (26 December 1991)

1. This operation was organised by a nut; it was a miracle it worked. The Hungnam evacuation aka The Miracle of Christmas was the evacuation of United Nations (UN) forces and North Korean civilians from the port of Hungnam, North Korea, between 15 and 24 December 1950 during the Korean War. It was organised by US X Corps commander General Edward Almond (nut) 2. But what if there was no miracle? In Harry Turtledove's "The Hot War" alternate history series, which starts with "Bomb's Away" during the Korean war, there is no miracle evacuation of American troops at Hungnam, and the Chinese encircle and eventually destroy the Americans.
2. A capital city was destroyed, as was a small town visited by a treasure hunter. Later in first book, Norwich is destroyed on 1 st Feb 1951 In Harry Turtledove's second book "Fallout", Washington DC is destroyed (May 1952) as is the town of Fakenham (11 Sep 1951). Fakenham was visited by the Treasure Hunter Becky Betts on Treasure Quest. (page 1 Wordsearch.)
3. This British Bikini had a particularly devastating effect. Christmas Island, Kiritimati, nuclear weapons tests, November 1957 (Grapple X test)
4. A test concerning particle physics marked F for the last time, before having to move underground - 25th December, 1962 The Soviet Union conducts its final above-ground nuclear weapon test at "NZ Area C, Sukhoy Nos, Novaya Zemlya, Russia. 6.51 years after an England v Germany football match, the President tried to play fair, but it didn't last long. - 25th December 1965, Lyndon B. Johnson pauses bombing of North Vietnam (the football game was played during the Christmas Truce in World War 1)
5. They chose a target with three consecutive letters, so others refused to join in with their games. 25th December 1979 Russia invaded aFGHanistan. Many countries boycotted the 1980 Moscow Olympics.
6. Octavian was one of three who dispensed with a chemist and her husband. 25th December 1989 - Execution of Nicolai Ceausescu and his wife (chemistry researcher). Octavian was one of a 3 man firing squad.
7. Boris led the country into a new era as it left the Union. 25th December 1991 - Boris Yeltsin becomes first president of Russian Federation, dissolution of the Soviet Union

- H.N. Turtletaub is a nom de plume used by Harry Turtledove for five historical novels. (Turteltaub is German for Turtledove).
- Jon Turteltaub directed the National Treasure films. Sean Bean was in the first one.
- A "Christmas tree" was a type of alert area constructed by the United States Air Force for the Strategic Air Command (SAC) during the Cold War.


## Maps

The map of Great Britain is wearing a red and white scarf along the Central Belt of Scotland. The blue pins are at locations with a "cold" sounding name. Their first letters are an anagram of SCARF.

A Chill, Isle of Canna
Frosterley, near Stanhope, County Durham
Raw, near Whitby, Yorkshire
Snowdon
Cooling, Kent

- The wind barb symbol stands for 25 knots. The wind direction is approximately SW, i.e. it's a cold wind from the NE. The symbol points to a town called Beaufort west of Abergavenny. Beaufort is a unit of wind force. 25 knots - 25 th December? and Beaufort cipher which numbers the letters 0-25
- The black arrow points at Aberdeenshire, approximately at Peterhead.
- The green areas in the North Sea are oil fields: Hutton, Brent, Piper and Nelson. The dotted vertical line is the Prime Meridian, the top half of the map has been pushed to the west by about 2 degrees. The black arrow with the 90 degree bend indicates that the top half of the map needs to be moved east and then north a bit to get the correct layout. The Piper field has an O against it which has to link to a mapper. Most-likely Abraham Ortelius or John Ogilby
- The "pm?" in the map on the top right is at Aberdeen City. pm stands for Prime Minister and links to Lord George HamiltonGordon, 4th earl of Aberdeen (1852-55) (aka Lord Haddo).

The cipher below the maps on the top right is Beaufort with the key being "SCARF". Beaufort scale is the link to the wind speed symbol.

## NUNOMLYVJKOUNWXZYXLLOKHZ = FIND THE FIVE INVITED GUESTS

The invited guests (for the Christmas Party on pages 7-8) are Lord Hutton, Brent (goose), O? (smoker), Lord (Admiral) Nelson and Lord Aberdeen

## Number Cipher

The numbers at the bottom are translated into letters: bejzpdapdaiwpeyhejgoejpdamqaopekjooetzwpaokjalhwyapskxenzo then by a Caesar shift of 4: FIND THE THEMATIC LINKS IN THE QUESTIONS. SIX DATES, ONE PLACE, TWO BIRDS.

The themes are Christmas, Cold \& Hot War; the six dates are 25th December; the place is Kiritimati, Christmas Island; the two birds are the Two Turtledoves.

## Find $X$ and $Y$

- There are 25 different uppercase letters in the statement (no uppercase O).
- The L on the Norway coast map identifies that $\mathrm{L}=$ Norway (but could also be a weather symbol for a low pressure system, suggesting a cold wind from the north east.).
- The A on the Bewick woodcut (see below) indicates that $\mathrm{A}=\mathrm{Bear}$
$\mathbf{L} \ni \mathbf{A B} \quad$ Bear Island belongs to Norway.
Bear Island is the southernmost island of the Norwegian Svalbard archipelago. The island is located in the western part of the Barents Sea, approximately halfway between Spitsbergen and the North Cape.
AB was named by E after GA Bear Island was named by Barents after Maritime Bear
Bear Island was discovered by the Dutch explorers Willem Barentsz (anglicised Barents) and Jacob van Heemskerck on 10 June 1596. It was named after a Polar Bear (scientific name maritime bear) that was seen swimming nearby.
the $J$ of $H \ni A B$ and the $B$ of $I$
$L \ni$ the $J$ of $H \because$ the treaty of $I$
the archipelago of Svalbard contains Bear Island and the Island of Spitzbergen
Norway contains the archipelago of Svalbard because of the treaty of Spitzbergen
the $\mathbf{J}$ of $\mathbf{F}$ is $\mathbf{M}$ of $\mathbf{E C}$, which is $\mathbf{M}$ of the $\mathbf{J}$ of $\mathbf{H}$ the archipelago of Nova Zembla is East of Barents Sea, which is East of the archipelago of Svalbard
$\mathbf{P C}$ is $\mathbf{M}$ of $\mathbf{Q}$ which is $\mathbf{M}$ of $\mathbf{L} \quad$ Baltic Sea is East of Sweden which is East of Norway
$\mathbf{S} \boldsymbol{P} \mathbf{P}$ art gallery Gateshead contains Baltic art gallery (pg6)
ch 2 of $\mathbf{V} \ni \mathbf{S}$ ch 2 of Jane Eyre contains Gateshead
In chapter 2 Jane Eyre is sitting in the drawing room in Gateshead Hall
ch 1 of V $\ni$ D, F, I and W ch 1 of Jane Eyre contains Bewick, Nova Zembla, Spitzbergen and Siberia The novel opens on a dreary November afternoon at Gateshead Hall, the home of the wealthy Reed family. A young girl named Jane Eyre sits in the drawing room reading Bewick's History of British Birds. "Nor could I pass unnoticed the suggestion of the bleak shores of Lapland, Siberia, Spitzbergen, Nova Zembla, Iceland, Greenland"


## Ddin S

Bewick died in Gateshead
Thomas Bewick was an English wood-engraver and Natural History author best known for his A History of British Birds, which is admired today mainly for its wood engravings. (see Bewick Swan below.)
$\mathbf{T} \Omega \mathbf{S}$ (electronics symbolfor a lamp) Swan lights Gateshead
Joseph Swan invented the light bulb. There is a plaque in Gateshead where he lived

## F $\ni$ DT and $W$ Э DT <br> Nova Zembla contains Bewick Swan and Siberia contains Bewick Swan

Bewick swans on their spring migration have been been sighted on Bear Island, Iceland and Svalbard, and in Alaska, Oregon and Saskatchewan in North America.
$\mathbf{Z} \equiv \mathbf{P} \equiv(\mathbf{W} \& \mathbf{n}) \not \equiv \mathbf{G} \quad$ Cold is the same as Baltic is the same as Siberian (Siberia+n) but different from Maritime
Baltic and Siberian is cold weather coming from the East. A maritime climate is normally milder
if $\mathbf{t}(\mathbf{D T} \rightarrow \mathbf{u k})<$ late oct then ZN $\quad$ if time that Bewick Swan goes to uk is before late oct then Cold Christmas
Folklore suggests that Bewick Swans arriving in the UK before late October heralds a cold winter.
$\mathbf{X = \mathbf { Z N }}$
X is Cold Christmas
$\mathbf{U}$ became TR $\because \mathbf{Q} \rightarrow$ usa Sven became Swan Turnblad because Sweden goes to usa
Sven Johan Olofsson was born in Tubbemåla, Vislanda, Kronoberg County, Småland, Sweden in 1860. His family were farmers but, following a series of bad harvests, they decided to immigrate to the United States in 1868. Before he graduated from Vasa High School he printed a book on arithmetic that the principal had written. He also changed his name to Swan J. Turnblad (see below).
$\mathbf{K}=(\mathbf{U ~ \&} \mathbf{M})$
Seven is Sven+east
Seven is an anagram of Sven+E (East)
$\mathbf{Y}=\mathbf{K} \mathbf{x} \mathbf{T G}$
Y is Seven times Swan Maritime
Y is Seven Swans-a-swimming

| A | bear | G | maritime | M | east | S | gateshead |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| B | island | H | svalbard | N | christmas | T | swan |
| C | sea | I | spitzbergen | O | not used | U | Sven |
| D | bewick | J | archipelago | P | baltic | V | jane eyre |
| E | barents | K | seven | Q | Sweden | W | siberia |
| F | nova zembla | L | norway | R | Turnblad | Z | cold |

N.B. Lowercase letters $\mathrm{t}=$ time, $\mathrm{d}=\mathrm{died}, \mathrm{n}=$ number. $\mathrm{ch}=$ chapter, usa $=$ United States.

## Photos

The photos near the bottom are, from left to right:

1. Counter seal of Humphrey de Bohun, 4th Earl of Hereford, shows the "Bohun swan"
2. Sorry I haven't a Clue, with Humphrey Lyttleton. Trumpeter (swan breed). Also Swanee-Kazoo appears in show, live stage shows in Swansea and at the Wycombe Swan theatre. Imaginary scorekeeper Samantha has sometimes been replaced by a Swedish stand-in, Sven.
3. Jason Statham as Lee Christmas (fan art) in "The Expendables" movie franchise. Performed at the Swan Theatre.
4. The Bear and the Bee-Hives. Wood engraving by Thomas Bewick. - Bewick swan.
5. Hairspray, 2007 movie, John Travolta as Edna Turnblad. Swan J. Turnblad was an American newspaper publisher.
6. Bewick swan. Same as \#4, but with a capital A added to link it to bear in the "Find X and Y " puzzle

Aesop also has a fable The Swan and the Goose (two birds)
Keywords from each picture can be replaced with the equivalent letters from "Find X and Y "

1. Swan T
2. Sven U
3. Christmas N

## TUNDRA

4. Bewick D
5. Turnblad R
6. Bear A

The tundra swan (Cygnus columbianus) is a small swan of the Holarctic. The two taxa within it are usually regarded as conspecific, but are also sometimes split into two species: Bewick's swan (Cygnus bewickii) of the Palaearctic and the whistling swan (C. columbianus) proper of the Nearctic. Birds from eastern Russia (roughly east of the Taymyr Peninsula) are sometimes separated as the subspecies C. c. jankowskii, but this is not widely accepted as distinct, with most authors including them in C.c. bewickii. Tundra swans are sometimes separated in the subgenus Olor together with the other Arctic swan species.

Bewick's swan was named in 1830 by William Yarrell after the engraver Thomas Bewick, who specialised in illustrations of birds and animals. Cygnus is the Latin for "swan", and columbianus comes from the Columbia River, the type locality.


## Page 11 - 70 YEARS OF CHRISTMAS CARD DESIGNS 1952-2021

All represent singers (some with Christmas singles). Some are the flip-sides of the Lyrical Christmas card messages

1 Kylie Hooked Boomerang
2 Dana Carvey as Garth Algar in Wayne's World.
3 White Overalls Movement Building Libertarian Effective Struggles
4 Gibraltar rock and Jell-O
5 Black Mask (Pulp Fiction)
6 Whaam! by Roy Lichtenstein, Tate Modern, London (vid 5:50)
$7 \overline{\text { Denise Richards - Dr Christmas Jones "The World Is Not Enough" }}$
8 Church of our Lady Remedy, Kotor, Montenegro
9 Poem has rhyming scheme ABBA
We hope that you manage to solve the ATH
We hope that Christmas serves all your needs
With plenty of parsnips and plenty of swedes
And that New Year sets you onto the right path
10 Mariah FPU Microprocessor
11 Justine Chase (Earth 616) - X-Factor magazine
12 Bill Pogue and wife at Oklahoma Centennial parade Oct 142007
13 Megaman character called Bright Man.
14 Cambridge Women's Boat Club Blondie crew Tideway Week
15 Budda Death aka Nirvana
16 The Winter's Tale - Judi Dench and Kenneth Branagh (vid at 0:25)

Kylie Minogue
Dana - It's gonna be a Cold Cold Christmas
The Wombles - Wombling Merry Christmas
J- Lo - Jenny From the Block
Pulp - Disco 2000
Wham - Last Christmas
Aled Jones - Walking In The Air
Hugo Montenegro - The Good, The Bad and the Ugly ABBA (Swedes !)

Mariah Carey, "All I want for Christmas is you"
X-Factor Christmas?
The Pogues - Fairytale Of New York
Sarah Brightman - ILost My Heart to a Starship Trooper
Blondie - We three Kings?
Nirvana - Smells Like Teen Spirit
David Essex - Just Another Winter’s Tale

The chart positions of those that link to the Lyrical Christmas cards spell HEDGE BY BOX

## Lyrical Christmas Cards

The first bit of writing matches the song lyric, and the PS is a non-lyric connection. The date is the week that the song appeared in the UK Christmas Singles chart. Some of these match the 70 years of Christmas Card Designs on page 11.

p13. Hugo Montenegro - "The Good, The Bad and the Ugly Theme" \#8 Wed 25 Dec 1968 Ooey ooey oo-wa-wa-wa Ooey ooey oo-wa-wa-wa Ooey ooh Wa-wa-wa-wa Ooey ooey oo wa-wa reprsents the rhythm of the music. The PS indicates that this card has the earliest date and gives the first letter of a message.
p9. The Wombles - "Wombling Merry Christmas"\#5 22 Dec 1974
Весела Коледа от България translates to: Vesela Koleda ot Bŭlgariya $=$ Merry Christmas from Bulgaria etc. One of the Wombles is Uncle Bulgaria.

p4. Dana - "It's Going To Be A Cold, Cold Christmas" \#4 21 Dec 1975
"The log fire's burning bright, oh darling If only you were here, to make it right"
In Wayne's World, Wayne and Garth frequently say "We're not worthy". Garth smokes a pipe Alice Cooper is also the subject of the "We're not worthy" meme, which was popularized during his cameo in Wayne's World with Mike Myers and Dana Carvey in 1992. The PS "It's here!" indicates that the treasure is hidden at Cold Christmas.
p12. Sarah Brightman - "I Lost My Heart to a Starship Trooper" \#7 24 Dec 1978
"Encounters one and two are not enough forme, what my body needs is close encounter three"
Close Encounters:
1 When a person sees a UFO within 150 metres
2 When an encounter with a UFO in the sky or on the ground leaves evidence such as scorch marks
3 visible occupants of a UFO
4 being taken and experimented on by aliens


5 direct communication between humans and aliens
Close encounter three would be actually seeing a UFO. 'lost my heart' is the 'anatomically speaking' bit

p9. Aled Jones - "Walking in the Air" \#5 22 Dec 1985
"Suddenly swooping low on an ocean deep Arousing of a mighty monster from it's sleep"
In the animated film The Snowman by Raymond Briggs, the Snowman and the boy fly down to the south coast then on to Norway. At one point they swoop down and wake up a "mighty monster from it's sleep' - the whale.
The PS is about the satsuma that the boy used to make the nose for his Snowman, the day before it woke up at midnight. The reverse R is from Toys ' $Я$ ' Us. They used
 the song 'Walking in the Air' in their 1985 advert, and as Peter Auty's voice had broken, they got Aled Jones to sing the song for the advert. This led to the Aled Jones version being released as a single. Also in the same chart at \#42 on 22 Dec 1985 is the Peter Auty version (He sung the original song in the film)

## p12. The Pogues - "Fairy Tale of New York" \#2 20 Dec 1987

"Got on a lucky one Came in eighteen to one"
1 to 18 probability: There is a 5.26 percent probability of a particular outcome and 94.74 percent probability of another outcome.
Shane MacGowan was born 25 December 1957.

"Hello, hello, hello" "Here we are now, entertain us"

p4. Nirvana - "Smells Like Teen Spirit" \#25 22 Dec 1991
p12. Mariah Carey - "All I want for Christmas is you" \#2 25 Dec 1994
"I won't even stay awake to hear those magic reindeer click". Santa's reindeer are supernatural. (East 17 were \#1 with "Stay another Day").

p4. Pulp - "Disco 2000" \#15 24 Dec 1995
"Your house was very small, with woodchip on the wall" Deborah Louise Bone MBE was a British mental health nurse who became the subject of the Pulp song "Disco 2000", written by her close friend Jarvis Cocker.
p4. Jennifer Lopez - "Jenny From The Block" \#24 22 Dec 2002
Jennifer Lopez starred as Miss Marquez in "Jack" in 1996 and as Selena Quintanilla-Pérez in Selena in 1997. In 1991, she began appearing as a Fly Girl dancer on "In Living Color", where she remained a regular until she decided to pursue an acting career in 1993. This was an American sketch comedy series which also starred several previously unknown comedians and actors, including Jamie Foxx, Jim Carrey, Tommy Davidson, David Alan Grier, and T'Keyah Crystal Keymáh. The 'In living Colour' show is named in the lyrics:

"From In Living Color and movie scripts To On the 6 to J. Lo to this headline clips"
Also in the same lyrics is "Don't be fooled by the rocks that I got, I'm still, I'm still Jenny from the block"
Those above can be matched to the pictures on Page 11. In date order, their chart positio ns spell HEDGE BY BOX

| Hugo Montenegro | The Good The Bad and The Ugly | Wednesday 25 December 1968 | 8 | H |
| :--- | :--- | :--- | :--- | :--- |
| The Wombles | Wombling Merry Christmas | 22 December 1974 | 5 | E |
| Dana | It's Gonna to be a Cold, Cold christmas 21 December 1975 | 4 | D |  |
| Sarah Brightman | I Lost My Heart to a Starship Trooper | 24 December 1978 | 7 | G |
| Aled Jones | Walking in the Air | 22 December 1985 | 5 | E |
| The Pogues | Fairytale of New York | 20 December 1987 | 2 | B |
| Nirvana | Smells Like Teen Spirit | 22 December 1991 | 25 | Y |
| Mariah Carey | All I want for Christmas is you | 25 December 1994 | 2 | B |
| Pulp | Disco 2000 | 24 December 1995 | 15 | O |
| Jennifer Lopez | Jenny From the Block | 22 December 2002 | 24 | X |


| 21. December |
| :--- |
| Dear Dad (you dirty |
| dog) |
| Wishing you a very |
| Lyrical Christmas |
| From not Bill or George |
| or Frank |

p2. Johnny Cash - A Boy Named Sue \#36 21 Dec 1969
"There at a table, dealing stud, Sat the dirty, mangy dog that named me Sue"
"And if I ever have a boy, I'll name him Bill or George or Frank, anything but Sue"

## NB Both the cards on page 2 were position 36 thus fitting its 36 theme

p2. Rod Stewart - "Maggie May" \#36 19 Dec 1976
"It's late September" It was the B side of the single Reason to Believe, released in July 1971. Both tracks were on side 2 of the album Every Picture Tells a Story.

| P.S. It is my girlfriend's birthday tomorrow | 24 December |
| :---: | :---: |
|  | Dear Clyde, |
|  | Further to my last |
|  | letter, 1 am awaiting |
|  | your call |
|  | Wishing you a very lyzical ehristmas |
|  | 1 provided you with my contact details below |

p4. Eminem - "Stan" \#3 24 Dec 2000
'If I have a daughter, guess what I'm a call her? I'ma name her Bonnie' (Bonnie and Clyde) 'I know you got my last two letters, I wrote the addresses on 'em perfect'. Dido birthday is $\mathbf{2 5 t h}$
December, her lyrics are used in the song (Girlfriend, as in friend that's a girl)
p4. Tom Odell - cover of John Lennon's 'Real Love' \#3821
Dec 2014
Also at \#16 in this week is another cover of the same song 'Real Love' by Clean Bandit, \#16. So, the PPS is about John Lennon, and the BID is the abbreviation 'bis in die', meaning two times a day on medical prescriptions.
Each day of the this week there were two versions of the song, two times a day.

p9. Vanilla Ice - Ice Ice Baby \#2 23 Dec 1990
"Rollin' in my 5.0, With my ragtop down so my hair can blow". This is a reference to Vanilla Ice's 5.0 litre Ford Mustang, and his signature hairstyle known as The Beak. The PS refers to his being at the \#1 spot the previous week. He released a "Too Cold for Christmas Mix" album


|  |  |
| :---: | :---: |
|  | 1 will take on the role |
|  | of the Ant Hill Mob |
|  | Wishing you a very yzrical Christmas |
|  | And prevent Harmony <br> and Spike from crossing <br> the threshold |
|  |  |

## p13. Frankie Goes to Hollywood - "The Power of Love" \#6 23 Dec 1984 <br> "I'll protect you from the hooded claw Keep the vampires from your door"

In Wacky Races Sylvester Sneekly is the guardian of Penelope Pitstop, yet he desires her vast fortune she is entitled to. He intends to have her dead so he will become the only remaining claimant of the fortune. Of course to protect his identity, he carries out his plans and traps as a sadistic, sneeky, foul, master of disguise villain known as the Hooded Claw. He has a foul, childish temper, especially shown when his plans are foiled by Penelope, The Ant Hill Mob or even his own blundering henchmen, the Bully Brothers. Harmony and Spike were both vampires in Buffy the Vampire Slayer. If vampires are uninvited then they can't cross a threshold. Their official video made by Godley and Cream has a Nativity theme. The lead singer of Frankie goes to HOLLYwood is HOLLY Johnson.
(The chart positions of the last 6 equate to AMSRIT which are 2/3 CHRISTMAS)

1 Kylie Hooked Boomerang
6 Whaam! by Roy Lichtenstein, Tate Modern, London (vid 5:50)
9 Poem with rhyming scheme ABBA
11 Justine Chase (Earth 616) - X-Factor magazine
14 Cambridge Women's Boat Club Blondie crew Tideway Week
16 The Winter's Tale - Judi Dench and Kenneth Branagh (vid at 0:25)

Kylie Minogue
Wham - Last Christmas
ABBA (Swedes !)
X-Factor Christmas?
Blondie - We three Kings2009

David Essex - Just Another Winter’s Tale 1983

Page 12

## Christmas Pie (Cornell Recipe)

The "pie" contains the letter frequencies from the Cornell University.

## HUNT ELSEWHERE

Christmas Pie was the location on Decmber 4 of the Advent Calendar, so this message is stating that the treasure is not hidden there.


## ATH Christmas Holiday Departures

ATH is the IATA airport code for Athens, Greece. There are codes for each of the airports in the list

| Airport | IATA | Country |  | Airport |  | IATA | Country |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Tripoli | TIP | Libya |  | Brussels |  | BRU | Belgium |
| Tirana | TIA | Albania | Nicosia |  | NIC | Cyprus | $23: 16$ |
| Antananarivo | TNR | Madagascar | Sarajevo | SJJ | Bosnia and Herzegovina | $11: 20$ |  |
| Gaborone | GBE | Botswana | Moscow | DME | Russia | $15: 19$ |  |
| Copenhagen | CPH | Denmark | Lilongwe | LLW | Malawi | $17: 19$ |  |
| Kabul | KBL | Afghanistan | Asmara | ASM | Eritrea | $08: 23$ |  |
| Djibouti City | JIB | Djibouti | Kuwait City | KWI | Kuwait | 20.04 |  |
| Cairo | CAI | Egypt | Lome | LIS | Togo | $00: 10$ |  |
| Riga | RIX | Latvia | Rabat | RUH | Morocco | $00: 23$ |  |
| Ankara | ANK | Turkey |  | Windhoek | DYU | Namibia | $14: 15$ |
|  |  |  |  |  |  |  |  |
| Vienna | VIE | Austria | Monrovia | MLW | Liberia | $20: 29$ |  |
| Buenos Aires | BUE | Argentina | Kingston | KIN | Jamaica | $11: 09$ |  |
| Seoul | ICN | South Korea | Ulaanbaatar | ULN | Mongolia | $00: 19$ |  |
| Roseau | DOM/DCF | Dominica | Havana | HAV | Cuba | $18: 28$ |  |
| Malabo | SSG | Equatorial Guinea | Lisbon | LIS | Portugal | $17: 30$ |  |
| Zagreb | ZAG | Croatia | Riyadh | RUH | Saudi Arabia | $09: 20$ |  |
| New Delhi | DEL | India | Dushanbe | DYU | Tajikistan | $13: 03$ |  |
| Kuala Lumpur | KUL | Malaysia | Beijing | PEK | China | $05: 19$ |  |
| Algiers | ALG | Algeria | Athens | ATH | Greece | $10: 28$ |  |
| Vientiane | VIE | Laos | Muscat | MCT | Oman | $01: 34$ |  |

Reading countries on left side first letters: LAMBDA DELTA AS DECIMAL

- In Ionic Greek Numerals Lambda Delta $(\Lambda \Delta)=34$
- Lambda and Delta are the $11^{\text {th }}$ and $4^{\text {th }}$ Greek letters
- LD is not a valid Roman numeral (450 is CDL)

Page 13 - Cold
lyrical Christmas cards
Hugo Montenegro
Frankie Goes To Hollywood

The Good The Bad and The Ugly
The Power of Love

Wednesday 25 December 1968 \#8
23 December 1984 \#6

## AC's Weather Briefs

December 25 1741-Anders Celsius develops his own thermometer scale, Centigrade, the predecessor of the Celsius scale.
Decoded by adding 25 to numbers < 96 then converting resulting set to ASCII characters
AC FIRST USED HIS HOT AND COLD SCALE ON CHRISTMAS DAX (last number should be 96 to give Y)
Numbers that don't need 25 added are underlined and spell COLD CHRISTMAS. (haven't quite worked out why the last letter isn't Y. 97 converts to $A ; 97+25$ converts to $Z$ therefore last number should have been 96)

Top Photo's (synonyms for COLD)

1 Michael Parkinson - Tommy Cooper Interview parky
2 Rhianna - nose piercing through septum piercing
3 Luis Suarez biting Branislav Ivanovic

4 Arctic Monkeys - My Propeller
arctic
5 Elsa - Frozen Snow Queen
6 De Ranke XXX Bitter
frozen
bitter

## SANTA'S WORKSHOP

ACHTUNG! ELF WARNING! LOOK UP ONCE. GRACIAS - hints for columnar decode ELF is German for 11, ONCE is Spanish for 11. Decoded using columnar transposition: Write in 5 rows of 11 letters (last row 9), then read columns in order 11,2, $4,6,8,10,1,3,5,7,9$

MY TRUE LOVE COUNTS THE TOP ROW ITEMS BASED ON THE VERSIONS BELOW

## Photo Grid

3 Old trash cans
1 Rainbow Lorikeet Parrot
2 bowls of Parmesan cheese finely shredded \& chunky shreds
2 Studded Black Pyramid Metal Belts
1 Skiing Snowman Christmas Jumper (co. ceased trading)
7 Stimpy and the Magic Nose Goblins
5 bottles of Budweiser beer

Humphrey from Sesame Street
Christmas Bush, Royal Botanic Gardens, Sydney, Australia actor from Italian film "La Dolce Vita"
The Nun - film
Blue Lorry/HGV/Truck - stock image
(double height)
Redneck Island CMT - reality programme

In alphabetic position the quantities spell CABBAGE
These represent alternate lyrics of " 12 Days of Christmas". The pictures above are gifts from those lyrics

Sesame Street - 7 rusty trashcans Australian - 12 parrots prattling Italian - and a bowl full of parmesan cheese (1) Heavy Metal Christmas by Twisted Sister - 3 studded belts In alphabetic position these numbers spell GLACIAL

Eddie Stobart truckers - 9 knitted jumpers
Ren and Stimpy - and a nose goblin stuck on a chair! (1)
Redneck by JeffFoxworthy - 12 pack a bud

GLACIAL CABBAGE $=$ ICEBERG LETTUCE (although lettuce and cabbage are different families)
Numbers below have factors which are powers of prime numbers. These ordered by the powers, and the first 26 prime numbers given a letter $(\mathrm{A}=2, \mathrm{~B}=3, \mathrm{C}=5, \mathrm{D}=7 \ldots . . \mathrm{Z}=101)$
$116365000=17 \times 37^{2} \times 2^{3} \times 5^{4}=$ GLAC
$4660076=23 \times 2^{2} \times 37^{3}=$ IAL
GLACIAL
Thermometer (made in Durham)
The coldestever recorded Christmas Day in England was - 18.3 Celsius, near Durham.
The numbers alongside the thermometer work as for the ones above. Subtract 18.3 from each then convert prime factors to letters.
$311852377=71 \times 19^{2} \times 23^{3}=$ THI
THIRTEEN STEPS
$409283831=61 \times 71^{2} \times 11^{3}=$ RTE
$20339=11 \times 43^{2}=\mathrm{EN}$
$449541257=67 \times 71^{2} \times 11^{3}=$ STE
$237917=53 \times 67^{2}=\mathrm{PS}$
Picture of 13 steps by post box leading South off Cold Christmas Lane. Holly and Ivy by box.


## Page 14 - Prime Meridian

The pictures are all markers on the Prime Meridian. The Meridian Line in Greenwich represents the Prime Meridian of the world, with a Longitude of Zero. Every place on Earth is measured in terms of its angle east or west from this line. On its path from pole to pole the Meridian passes through England, France, Spain, Algeria, Mali, Burkina Faso, Togo, Ghana and Antarctica.

1. Beacon, Gilwell Park, Essex
2. Poplar Tree, Easneye Wood, Ware, Hertfordshire
3. Compass Rose, 84 Hainault Road, Waltham Forest, Leytonstone
4. Sundial Meridian High School, New Addington, London
5. Pillar, Promenade, Peacehaven, East Sussex
6. Flamsteed House, Greenwich, Royal Observatory, London
7. Abbey Mill, West Ham, London
8. Mosaic, Waltham Abbey Gardens, Essex
9. Wall Plaque, Paydens Pharmacy, 22 Station Road, Oxted
10. Arch, Hither Green, Lewisham, London
11. Pillar, Chailey, East Sussex, Lane End Common, Newick Hill
12. Sculpture, Greenwich, London, Thames Path
13. Pavement Slab 16/18 Bromley Hill, Lewisham, London
14. Oak Tree, Cold Christmas, Hertfordshire
15. Sign, Sheffield Park Station, East Sussex
16. Giant Redwood Tree, Forest Row, East Sussex
51.648574, -0.001908
51.803910, -0.001487
51.570001,-0.001632
51.334291,-0.001592
50.789694, -0.001610
51.478015, -0.002127
51.5288, 0.0001
51.688855, -0.001596
51.257401, -0.001560
51.452467, -0.001617
50.983090, -0.001523
51.503050, -0.001566
51.421092, -0.001662
51.834701,-0.001590
50.995549, -0.001173
51.075792,-0.001457

* 

no longer visible
derelict
Horsham Avenue junction

**
***
Dry Cleaners \& Turkish restaurant S side of Cold Christmas Lane

Plaw Hatch Lane \& Legsheath Lane

Notes:

* The monument carries the following inscription:

Peacehaven George V Memorial - erected by the inhabitants in the year 1936 to commemorate the beneficent and illustrious reign of their beloved sovereign 1910-1936 and to mark Peacehaven's position on the prime meridian of Greenwich.
** The words carved on the plinth read:
[1953 This stone has been erected on Lane End Common in the parish of Chailey near the centre of Sussex, 159 feet above sea level to mark the point where the Greenwich Meridian crosses the manor of Balneth.
*** Signpost art Greenwich (SE10) Thames Path
Conceived in 2011 by Jon Thompson and Alison Craighead as a virtual image for The Mini Museum of XXI Century Arts, an online digital media platform, the work is titled Here. This physical version was created in 2013. According to the sign accompanying it, 'the concept was to mark the distance of the work from itself along a North/South axis'. The distance shown on the sign, 24,859 miles, is the average polar circumference of the Earth.

The words with the pictures makes a sentence containing the Meridian countries. (Burkina Faso and Antarctica missing)

OFF RAN.....CEDRIC THE IDEAL.....GERIATRIC TO...... GO \& PLOUGH.....AN ACRE BUT HIS.....PAIN \& ASTHMA.....LIMITED HIM

The degrees on pictures are locations of historic Prime Meridians. Ordered South to North (Peacehaven to Cold Christmas):

| -18 | El Hierro (Canary Is) | E |
| :--- | :--- | :--- |
| 29 | Alexandria | A |
| 30 | St Petersburg | S |
| -16 | Tenerife | T |
| 11 | Florence | F |
| -43 | Rio de Janeiro | R |
| 10 | Oslo/Pisa | O |
| 39 | Mecca | M |
| -6 | Cadiz | C |
| 12 | Copenhagen/Rome | C |
| -9 | Lisbon | L |
| 31 | Great Pyramid of Giza | G |
| -3 | Madrid | M |
| 10 | Oslo/Pisa | O |
| 4 | Antwerp/Amsterdam/Brussels | A |
| 136 | Kyoto | K |

Initial letters spell EAST FROM CCL GM OAK
= East from Cold Christmas Lane Greenwich Meridian Oak


## EXTRA CLUES

Christmas Airlines
$33.2475,-119.4997$ is San Nicolas Island off the coast of California.
23.5333, -75.7667 is Stocking Island in the Bahamas.

## SANTA STOCKING

Barcode originally appeared to be clueing a Cryptogram, but was changed to simply be 1234567890

On surface the pass appears to be a hint to ATH Holiday
 Departures (page 12), but seem to relate more to the Christmas
Party pages:
Seat 44 R is the 44 th person on the ATH Party seating plans on pages $7 \& 8$. There are 35 seats on page 7 , then the BLAND table makes it 40 . Next is the THORNS table and no $44=$ R
This is where Alan Turing has been seated, and gets replaced by Ross.
ABC 235 hints that prime numbers are used in the hunt (page 13). I.e. $\mathrm{A}=2, \mathrm{~B}=3, \mathrm{C}=5, \mathrm{D}=7, \ldots \ldots$. The Eratosthenes prime number sieve is an image on page 8 .

## Festive Poem

The poem is based on the one written by Bilbo Baggins about Aragorn/ Strider in The Lord of the Rings.

All that is cold is not coldest
Not all cards that are shown have a twin;
The primes, Ptolemy's was the oldest, Answers can be found from within.

From the themes an idea shall be woken, And words from the puzzles shall spring; Renewed shall be spirits that were broken, A letter may look like a ring.

All that is gold does not glitter, Not all those who wander are lost; The old that is strong does not wither, Deep roots are not reached by the frost.

From the ashes a fire shall be woken, A light from the shadows shall spring; Renewed shall be blade that was broken, The crownless again shall be king

All that is cold is not coldest,
Not all cards that are shown have a twin; The primes, Ptolemy's was the oldest, Answers can be found from within.

From the themes an idea shall be woken, And words from the puzzles shall spring; Renewed shall be spirits that were broken, A letter may look like a ring.

Thermometers
Page 11, not all the Christmas card fronts have a matching lyrical inside Page 14, historic primes used to solve degrees E and W

Page 10 themes in questions
route messages derived from various puzzles

Page 3, Crossword, letter Os placed in the gold hexagons to make 5 Gold Rings

The Fellowship of the Ring departs Rivendell on the Quest to destroy the Ring at dusk on Christmas Day (TA3018)


## MISCELLANEOUS

## Route instructions

pg 6 SECOND TREE (Day 11)
pg 14 EAST FROM CCL GM OAK
pg 11 HEDGE BY BOX
pg 13 THIRTEEN STEPS
pg 9 could give ANO or ATO, as the alternative names for the Naked Neck is Transylvanian Naked Neck or Turken. ATO could be read as AT ZERO, ie at the meridian line.

## Cold Christmas

- December 7 of Advent Calendar is at Cold Christmas
- Page 14: Oak tree on South side of Cold Christmas Lane
- AC\#s Weather Briefs: converting resulting set to ASCII characters ac first used his hot and cold scale on Christmas Dax
- The Pogue's "Fairy Tale of New York" "When you first took my hand On a cold Christmas Eve"
- Dana "It's going to be a cold, cold Christmas"
- Nigel Hawthorne who played Sir Humphrey Appleby, lived at a house called Fabdens (Park) in Cold Christmas. He had bought the house off Chris Lowe, member of the Pet Shop Boys.
- House number 16 on Cold Christmas Lane in Thundridge has a monkey puzzle tree in the front garden.
- "Fairy Tale of New York" contains lyric "On a cold Christmas Eve"
- Dana - "It's Going to be a Cold, Cold Christmas"

- page 10 Cold and Christmas themes


## Christmas Day

- December 7 Advent Calendar. Newton born
- Humphrey Bogart born
- Emperor Guangwu reunited China
- Lyrical Christmas - Dido born
- Page 10 list of events
- Page 13 coldest ever temperature recorded
- Festive Poem - Fellowship of the Ring set out to destroy it on Christmas Day
- Lady Ogilvy born 25 December 1936
- Elvis Presley single "I Can Help" \#36 in 1983


## Codes used

Poster - Substitution (Little Orphan Annie radio show decoder ring)
p 2 - Playfair, ADFGVX, Base 36
p 4 - Mary Stuart cipher
p 5 - Pig Pen, T9 plus a hint at Pig Pen to Bacon
p 10-Beaufort, Caesar
p 12, Letter frequency in English Cornell University
p 13, Columnar Transposition, ASCII, Prime Numbers (prime factorisation)
There is a Rip van Winkle cipher. Vanilla Ice's real name is Robert Matthew Van Winkle.

## Humphreys

Page 1 - Humphrey Bogart
Page 2 - Hubert Horatio Humphrey Jr., Vice President under Lyndon B. Johnson
Page 5 - Tina Humphrey
Page 6 - Sir Humphrey Appleby 'Yes Minister' played by Nigel
Hawthorne
Page 10 - Humphrey de Bohun
Page 10 - Humphrey Lyttleton
Page 13 - Humphrey from Sesame Street
Nigel Hawthorne who played Sir Humphrey Appleby, lived at a house called Fabdens (Park) in Cold Christmas. He had bought the house off Chris Lowe, member of the Pet Shop Boys.


