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A UNIT nuclear convoy, stranded on the shores of Lake Vortigern, becomes the focus of an incursion by knights from a parallel reality. In this other world, technology and magic exist side by side, and the legends of King Arthur are fact. Close to the lake, the sinister Mordred battles against his enemy Ancelyn and summons his mother, the powerful witch Morgaine. Is the Doctor really Merlin? And will he discover what actually happened to King Arthur? But time is running out for everyone as Morgaine takes control of the nuclear weapons and summons the Destroyer – Lord of Darkness and Eater of Worlds... This novel is based on a Doctor Who story which was originally broadcast from 6–27 September 1989. Featuring the Seventh Doctor as played by Sylvester McCoy with his companion Ace

Twelve extraordinary Doctor Who stories, each featuring a monstrous villain from the Doctor Who world. On every planet that has existed or will exist, there is a winter . . . Many of the peoples of Old Earth celebrated a winter festival. A time to huddle together against the cold; a time to celebrate being half-way out of the dark. But shadows are everywhere, and there are some corners of the universe which have bred the most terrible things, lurking in the cold between the stars.

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Here are twelve stories - one for each of the Twelve Days of Christmas - to remind you that to come out of the darkness we need to go into it in the first place. We are not alone. We are not safe. And, whatever you do: don't blink. Written by popular children's author, and lifelong Doctor Who fan, Dave Rudden. Over the past half-century Doctor Who has defined science fiction television. The women in the series--from orphans and heroic mothers to seductresses and clever teachers--flourish in their roles yet rarely surmount them. Some companions rescue the Doctor and charm viewers with their technical brilliance, while others only scream for rescue. The villainesses dazzle with their cruelty, from the Rani to Cassandra and Missy. Covering all of the series--classic and new--along with Class, K9, Torchwood, The Sarah Jane Adventures, novels, comics and Big Finish Audio adventures, this book examines the women archetypes in Doctor Who.

Doctor Who is now officially the most popular drama on television, From humble beginnings on 23rd November 1963 and eventual resurrection in 2005, the show has always been a quintessential element of British popular culture. Eleven Doctors, a multitude of companions, and a veritable cornucopia of monsters and villains: Doctor Who has it all. The Brief Guide to Doctor Who puts all the first Eleven Doctors under the microscope with facts, figures and opinions on every

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Doctor Who story televised. There are sections on TV, radio, cinema, stage and internet spin-offs, novels and audio adventures, missing episodes, and an extensive website listing and bibliography. It is the essential guide for all completists and fans.

Please note that the content of this book primarily consists of articles available from Wikipedia or other free sources online. Pages: 48. Chapters: Head Games, Love and War, The Also People, Set Piece, Damaged Goods, Timewyrm: Revelation, Timewyrm: Exodus, Transit, Timewyrm: Genesys, Timewyrm: Apocalypse, Cat's Cradle: Time's Crucible, Lungbarrow, Cat's Cradle: Witch Mark, Cat's Cradle: Warhead, Birthright, Oh No It Isn't!, The Dying Days, Just War, Walking to Babylon, Human Nature, All-Consuming Fire, Blood Heat, Beyond the Sun, Dragons' Wrath, The Highest Science, The Left-Handed Hummingbird, Original Sin, So Vile a Sin, Conundrum, Happy Endings, Blood Harvest, Dead Romance, Iceberg, Deadfall, Twilight of the Gods, Deceit, Nightshade, Sanctuary, Theatre of War, Warlock, The Room with No Doors, No Future, Warchild, White Darkness, SLEEPY, Ghost Devices, The Pit, Tragedy Day, Falls the Shadow, Where Angels Fear, The Sword of Forever, Eternity Weeps, The Dimension Riders, Tears of the Oracle, First Frontier, The Mary-Sue Extrusion, Lucifer Rising, Christmas on a Rational Planet, Down, Legacy, Sky

Pirates!, Tempest, Zamper, Toy Soldiers, Another Girl, Another Planet, Return of the Living Dad, The Death of Art, St Anthony's Fire, Infinite Requiem, Death and Diplomacy, Shadowmind, Strange England, Parasite, Ship of Fools, Dry Pilgrimage, Beige Planet Mars, Mean Streets, Return to the Fractured Planet, Bad Therapy, GodEngine, The Medusa Effect, The Joy Device, Oblivion.

Excerpt: The Virgin New Adventures (NA series, or NAs) were a series of novels from Virgin Publishing based on the British science-fiction television series Doctor Who. They continued the story of the Doctor from the point at which the television programme went into hiatus from television (in 1989). From 1991 to 1997 all books (except the final one) involved the Seventh Doctor, played on television by Sylvester McCoy; in further books published between 1997 and 1999, the New Adventures series...

Throughout the long-running BBC series Doctor Who, the Doctor has rarely been alone--his companions are essential. Male or (mostly) female, alien or (mostly) human, young or old (none as old as he), the dozens of companions who have travelled with him over the past 50 years have served as sympathetic proxies for the audience. Through their adventures the companions are perfected, facing danger and thus discovering their strengths and weaknesses. Yet they all pay a price, losing their innocence and sometimes their lives. This collection of new

essays examines the role of the companion as an intermediate between viewers and the Doctor. The contributors discuss who travels with the Doctor and why, how they interact, how the companions influence the narrative and how their journeys change them.

A UNIT nuclear convoy, stranded on the shores of Lake Vortigern, becomes the focus of an incursion by knights from a parallel reality. In this other world, technology and magic exist side by side, and the legends of King Arthur are fact. Close to the lake, the sinister Mordred battles against his enemy Ancelyn and summons his mother, the powerful witch Morgaine. Is the Doctor really Merlin? And will he discover what actually happened to King Arthur? But time is running out for everyone as Morgaine takes control of the nuclear weapons and summons the Destroyer - Lord of Darkness and Eater of Worlds... This novel is based on a Doctor Who story which was originally broadcast from 6-27 September 1989. Featuring the Seventh Doctor as played by Sylvester McCoy with his companion Ace

Premiering the day after the JFK assassination, Doctor Who humbly launched one of the entertainment world's first super-brands. We begin with a look at TV programming of the day and the original pitch documents before delving into the Daleks, which almost didn't make the cut but inspired many monsters to follow. After three years, First Doctor William Hartnell left,

prompting the BBC to recast their hit rather than end it, giving us the first “regeneration” and making TV history. We follow the succession of Doctors—including Third Doctor Jon Pertwee, exiled to Earth and targeted by the Master—and see how the program reflected the feminism of the 1970s while gaining mainstream popularity with Fourth Doctor Tom Baker . . . until declining support from the BBC eventually led to cancelation. Fan outcry saved the series only for it to suffer a repeat cancelation. Yet many continued to enjoy the Whoniverse in syndication, novels, audio dramas, and Doctor Who Magazine. Paul McGann impressed many as the Eighth Doctor in a 1996 TV movie, but it failed to reignite the series. A new age dawned in 2005 with Ninth Doctor Christopher Eccleston and a serious special effects budget before Tenth Doctor David Tennant helped rocket the series to international popularity and a new era of spinoffs. With Eleventh Doctor Matt Smith, the show became a bona fide success here in America. Following the program’s fiftieth anniversary, Whovians will meet the Twelfth Doctor, ushering in yet another era for the unstoppable Time Lord. Featuring discussions of concepts and characters, with insights from producers, writers, and actors from across the years, here is a rich, behind-the-camera investigation into the dazzling multiverse of Doctor Who.

'Doctor Who' has always thrived on multiplicity, unpredictability and transformation, it's worlds and characters kaleidoscopic and shifting, and 'Doctor Who's complexity has grown. With its triumphant return to TV in 2005, it was made up of four different fictional forms, across three different media, with five actors simultaneously playing the eponymous hero. 'TARDISbound' is the first book to deal both with the TV series and with the 'audio adventures', original novels, and short story anthologies produced since the 1990s, engaging with the common elements of these different texts and with distinctive features of each. 'TARDISbound' places 'Doctor Who'

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under a variety of lenses, from examining the leading characteristics of these 'Doctor Who' texts, to issues of class, ethnicity and gender in relation to the Doctor(s), other TARDIS crew-members, and the non-human/inhuman beings they encounter. 'TARDISbound' also addresses major questions about the aesthetics and ethical implications of 'Doctor Who'.

This fascinating book takes the reader on a rich and varied study of one of the greatest television programmes of all time: Doctor Who. Combining essays from academics in Screen Studies with practitioners who have contributed to the ongoing narrative of Doctor Who, this collection is the first to study the Doctor's adventures in all their forms.

Paul Berry explores the collectible nature of one of Britain's most iconic heroes.

'Every story ever told really happened...' (The Doctor, 'Hell Bent', 2015) Stories are, fundamentally what Doctor Who is all about. In *Once Upon a Time Lord*, Ivan Phillips explores a wide range of perspectives on these stories and presents a lively and richly-varied analysis of the accumulated tales that constitute this popular modern mythology. Concerned equally with 'classic' and 'new' Who, Phillips looks at how aspects of the Time Lord's story have been developed on television and beyond, tracing lines of connection and divergence across various media. He discusses Doctor Who as a mythology that has drawn on its own past in often complex ways, at the same time reworking elements from many other sources, whether literary, cinematic, televisual or historical. *Once Upon A Time Lord* offers an original take on this singular hero's journey, reading the unsettled enigma of the Doctor in relation to the characters, narratives and locations that he has encountered across more than half a century. Stone tools are the most durable and, in some cases, the only category of material evidence that students of prehistory have at their disposal. Exploring the changing character and context

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of stone tools in Neolithic and Bronze Age Britain, Mark Edmonds examines the varied ways in which these artefacts were caught up in the fabric of past social life. Key themes include: stone tool procurement and production * the nature of technological traditions * stone tools and social identity * the nature of exchange and the significance of depositional practices. As well as contributing to current debate about the interpretation of material culture, Dr. Edmonds uses the evidence of stone tools to reconsider some of the major horizons of change in later British prehistory. From the production of tools at spectacularly located quarries to their ceremonial burial or destruction at ritual monuments, this well-illustrated study demonstrates that our understanding of these varied and sometimes enigmatic artefacts requires a concern with their social, as well as their practical dimensions.

Travel through space and time with this guide to 50 years of Doctor Who Doctor Who has been a television phenomenon since it began 50 years ago on November 23, 1963. But of all the hundreds of televised stories, which are the ones you must watch? Featuring 50 stories from all eleven Doctors, Who's 50 is full of behind-the-scenes details, exhilarating moments, connections to Who lore, goofs, interesting trivia and much, much more. Who's 50 tells the story of this global sensation: its successes, its tribulations and its triumphant return.

Fully updated in November 2011 to include Season 32. Now officially the most popular drama on television, Doctor Who has seen many ups and downs in its long and colourful history. From humble beginnings on 23 November 1963 to its cancellation in 1989 and eventual resurrection in 2005, the show has always been a quintessential element of British popular culture. The spine-chilling theme music, the multi-dimensional Tardis, the evil metallic Daleks and the ever-changing face of the Doctor himself have become trademarks of the programme's

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witty, eclectic house style. Over the years Doctor Who has embraced such diverse genres as science fiction, horror, westerns, history, romance, adventure and comedy - but has never strayed from its first and most important remit: telling damn good stories. Eleven Doctors, a multitude of companions, and a veritable cornucopia of monsters and villains: Doctor Who has it all. 'The children's own programme which adults adore,' said Gerard Garrett in The Daily Sketch newspaper back in the early 1970s - and it's still the perfect summation of the programme's unique charm. This new, updated edition of the best-selling Pocket Essential guide includes Season 32 first aired in September and October 2011, puts all the Doctors under the microscope with facts, figures and opinions on every Doctor Who story televised. There are sections on TV, radio, cinema, stage and internet spin-offs, novels and audio adventures, missing episodes, and an extensive website listing and bibliography.

Companions: Fifty Years of Doctor Who Assistants is an unofficial guide to the travels and experiences of the companions of each of the eleven incarnations of the Doctor. Written by a true fan, Andy Frankham-Allen provides an in-depth account of each character's struggles, experiences and relationships as he outlines their significance in the TV series as well as other Doctor Who media. The book also features a foreword by Gary Russell and afterword by David J Howe.

I have bipolar disorder, two teenaged daughters and a long-term relationship with the Arts that is borderline abusive on both sides. Over the course of human history, there have been countless tomes composed on the subject of mental health, and an equally daunting number on the joys and perils of raising children. If you factor in the mysterious nature of twins and the long-term ramifications of being raised in a cult, however, then it's basically this one and Harry

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Potter. If it helps, our story is shorter and contains fewer owls. Bisection is the story of one man, two children and bipolar disorder. Equal parts comedy, tragedy, absurdity and philosophy, it is a unique look at mental health, parenting and everything in between. All is not well on Gallifrey. The House of Lungbarrow, where the Doctor left his family 673 years ago, has disappeared. In the seventh Doctor's final New Adventure, he faces a threat that could uncover the greatest secret of them all.

The long-running BBC science fiction program Doctor Who has garnered an intense and extremely loyal fan base since its 1963 debut. This work examines the influences of psychology, literature, pop culture, and the social sciences on Doctor Who storylines and characters. Topics explored include how such issues as class, gender, and sexual attraction factor into the relationships between the Doctor and his companions; whether the Doctor suffers from multiple personality disorder or other psychological afflictions; and the role of the Doctor's native culture in shaping his sense of identity.

(FAQ). Doctor Who is indisputably the most successful and beloved series on UK TV, and the most watched series in the history of BBC America. Doctor Who FAQ tells the complete story of its American success, from its first airings on PBS in the 1970s, through to the massive Doctor Who fan conventions that are a staple of the modern-day science fiction circuit. Combining a wealth of information and numerous illustrations, Doctor Who FAQ also includes a comprehensive episode guide. From the Doctor's most impressive alien foes and the companions who have fought alongside him to unimagined planets and unexpected points in history, from some of the greatest minds ever to have walked the Earth, to the most evil beings ever to haunt the universe, it's all covered here, including the Tardis, the none-too-reliable

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"bigger on the inside than the out" blue box in which the Doctor travels.

Since its premiere in November 1963, the classic British television program Doctor Who has been a cornerstone of popular culture for half a century. From the earliest “Exterminate!” to the recent “Allons-y!,” from the white-haired grandfather to the wide-grinned youth, the show has depicted the adventures of a time-traveling, dual-hearted, quick-witted, and multi-faced hero as he battles Daleks, Cybermen, Sontarans, and all manner of nasties. And, like its main character, who can regenerate his body and change his appearance, Doctor Who fandom has developed and changed significantly in the fifty years since its inception. In this engaging and insightful collection, fans and scholars from around the globe explore fan fiction, fan videos, and fan knitting, as well as the creation of new languages. As multifaceted as the character himself, Doctor Who fans come in many forms, and this book investigates thoroughly the multitude of fandoms, fan works, and fan discussions about this always-surprising and energetic program. Featuring full color images of fan work and discussions of both classic and New Who fandom, this book takes reader on a journey of discovery into one of the largest worldwide fan audiences that has ever existed. Thoughtful, insightful, and readable, this is one of only a few—and certainly one of the best—guides to Doctor Who fan culture and is certain to appeal to the show's many ardent fans across the globe.

In Time, Unincorporated, the best essays and commentary from a range of Doctor Who fanzines are collected and here made available to a wider audience. In spirit, this series picks up the torch from Virgin's Licence Denied collection (1997), concentrating some of the most delightful, insightful and strange writings on Doctor Who into a single

source. Volume 1 of this series collects 15 years of Doctor Who-related essays and articles by Lance Parkin, one of the highest-regarded Doctor Who novelists. The cornerstone of this edition is a year-by-year survey and analysis of Doctor Who that Parkin wrote for the 40th Anniversary of Doctor Who (updated to the present), as well as a myriad of Parkin's articles and columns from the fanzines Enlightenment and Matrix. Also included: Parkin's original pitch for the celebrated Doctor Who novel *The Infinity Doctors* (1998), his extensive advice on the art of writing and more.

For over fifty years, the BBC's Doctor Who has taken viewers on adventures across time and space. At the same time, the programme has crossed genres and styles. From science fiction to action, horror to comedy and back again. *Regeneration: The Changing Style of Doctor Who* offers a penetrating look at the way different showrunners, producers and script editors shaped the Time Lord's adventures. Analysing each era in sequence, it looks at story styles, the character of the Doctor and his intrepid companions, and the nature of the villains and monsters they faced, as well as the portrayal of the Time Lords. An essential guide both for new fans wanting a primer on the programme's history and for longstanding enthusiasts seeking a fresh perspective on eras they thought they knew.

"A joyful celebration of fan love. Unofficial episode guides don't come much more engaging than this." —Benjamin Cook, co-author of *Doctor Who: The Writer's Tale*
Doctor Who was already the world's longest-running science fiction series when it

returned in 2005 to huge success. Enormously popular, the BBC show encompasses multiple other genres, from horror to comedy to action and historical adventure, and is loved for its uniquely British wit and clever scripting. Its hero, its monsters, and even its theme song have become pop culture icons. In this volume covering six seasons of the new series, two Doctor Who experts provide insights into everything from the history of the show, including Daleks, Cybermen, and the eight Classic Series Doctors, to a detailed episode guide. As Neil Gaiman complained to the authors, "I have just lost four hours to your blasted book. And I only meant to glance at it." Allons-y!

Since its inception in November 1963, the British science fiction television series Doctor Who has exerted an enormous impact on the world of science fiction (over 1,500 books have been written about the show). The series follows the adventures of a mysterious "Time Lord" from the distant planet Gallifrey who travels through time and space to fight evil and injustice. Along the way, he has visited Rome under the rule of Nero, played backgammon with Kublai Khan, and participated in the mythic gunfight at the O.K. Corral. Predating the Star Trek phenomenon by three years, Doctor Who seriously dealt with continuing characters, adult genre principles and futuristic philosophies. Critical and historical examinations of the ideas, philosophies, conceits and morals put forth in the Doctor Who series, which ran for 26 seasons and 159 episodes, are provided here. Also analyzed are thematic concepts, genre antecedents, the overall cinematography and the special effects of the long-running cult favorite. The various

incarnations of Doctor Who, including television, stage, film, radio, and spin-offs are discussed. In addition, the book provides an extensive listing of print, Internet, and fan club resources for Doctor Who.

Since its premiere in November 1963, the classic British television programme Doctor Who has been a cornerstone of popular culture for half a century. From the earliest 'Exterminate!' to the recent 'Allons-y!', from the white-haired grandfather to the wide-grinned youth, the show has depicted the adventures of a time-travelling, dual-hearted, quick-witted and multi-faced hero as he battles Daleks, Cybermen, Sontarans and all manner of nasties. And, like its main character, who can regenerate his body and change his appearance, Doctor Who fandom has developed and changed significantly in the 50 years since its inception. In this engaging and insightful collection, fans and scholars from around the globe explore fan fiction, fan videos and fan knitting, as well as the creation of new languages. As multifaceted as the character himself, Doctor Who fans come in many forms, and this book investigates thoroughly the multitude of fandoms, fan works and fan discussions about this always-surprising and energetic programme. Featuring full-colour images of fan work and discussions of both classic and New Who fandom, this book takes the reader on a journey of discovery into one of the largest worldwide fan audiences that has ever existed. Thoughtful, insightful and readable, this is one of only a few – and certainly one of the best – guides to Doctor Who fan culture. It is certain to appeal to the show's many ardent fans across the

globe.

The Brigadier, mourning the loss of his wife Doris, is called to help find a nuclear weapon that's gone missing over the Wiltshire Downs. The Doctor is on his way there too, to pick up his companion Compassion, after her holiday on Earth. But when the Doctor's TARDIS explodes, he, the Brigadier, Compassion and Fitz are thrown into the other-dimensional world of Avalon. Magic faces down science, dragons duel with jet fighters. Originally published in 2000.

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Doctor Who apparve per la prima volta sui teleschermi italiani nel febbraio del 1980, ?appena? 17 anni dopo l'esordio assoluto della serie sulla BBC. Si trattava di alcune avventure con Tom Baker nella parte del protagonista e che venivano trasmesse ogni giorno sui Rai Uno. Dopo qualche mese, la Rai decise di non mandarlo pi? in onda e per molti anni cadde nel dimenticatoio. Il telefilm narra le avventure del Dottore, un alieno che appartiene alla stirpe dei Signori del Tempo. Egli ? in grado di viaggiare nello spazio e nel tempo, grazie ad un'astronave a forma di Police Box inglese. Lo scopo principale di questo libro ? quello di dare ai fan del telefilm una guida completa, per quanto possibile, a una serie considerata da molti un vero e proprio cult sul quale, in Italia, ? calato un colpevole velo di indifferenza. In questo volume trattiamo gli esordi televisivi del Primo Dottore (William Hartnell), e lo sviluppo del suo personaggio nel periodo 1963-66, fino alla sua rigenerazione nel Secondo Dottore.

When you have been wandering the cosmos from one end of eternity to another for nearly a thousand years, what's your philosophy of life, the universe, and everything? Doctor Who is 50

years' old in 2013. Through its long life on television and beyond it has inspired much debate due to the richness and complexity of the metaphysical and moral issues that it poses. This is the first in-depth philosophical investigation of Doctor Who in popular culture. From 1963's *An Unearthly Child* through the latest series, it considers continuity and change in the pictures that the programme paints of the nature of truth and knowledge, science and religion, space and time, good and evil, including the uncanny, the problem of evil, the Doctor's complex ethical motivations, questions of persisting personal identity in the Time Lord processes of regeneration, the nature of time travel through 'wibbley-wobbley, timey-wimey stuff, how quantum theory affects our understanding of time; and the nature of the mysterious and irrational in the Doctor's universe.

List of members appended to each volume.

A television series is tagged with the label "cult" by the media, advertisers, and network executives when it is considered edgy or offbeat, when it appeals to nostalgia, or when it is considered emblematic of a particular subculture. By these criteria, almost any series could be described as cult. Yet certain programs exert an uncanny power over their fans, encouraging them to immerse themselves within a fictional world. In *Cult Television* leading scholars examine such shows as *The X-Files*; *The Avengers*; *Doctor Who*, *Babylon Five*; *Star Trek*; *Xena, Warrior Princess*; and *Buffy the Vampire Slayer* to determine the defining characteristics of cult television and map the contours of this phenomenon within the larger scope of popular culture. Contributors: Karen Backstein; David A. Black, Seton Hall U; Mary Hammond, Open U; Nathan Hunt, U of Nottingham; Mark Jancovich; Petra Koppers, Bryant College; Philippe Le Guern, U of Angers, France; Alan McKee; Toby Miller, New York U; Jeffrey Sconce,

Northwestern U; Eva Vieth Sara Gwenllian-Jones is a lecturer in television and digital media at Cardiff University and co-editor of *Intensities: The Journal of Cult Media*. Roberta E. Pearson is a reader in media and cultural studies at Cardiff University. She is the author of the forthcoming book *Small Screen, Big Universe: Star Trek and Television*.

"Sing about the past again, and sing that same old song. Tell me what you know, so I can tell you that you're wrong." Gallifrey. The Doctor's home planet. For twenty thousand centuries the Gallifreyans have been the most powerful race in the cosmos. They have circumnavigated infinity and eternity, harnessed science and conquered death. They are the Lords of Time, and have used their powers carefully. But now a new force has been unleashed, one that is literally capable of anything. It is enough to give even the Time Lords nightmares. More than that: it is enough to destroy them. It is one of their own. Waiting for them at the end of the universe. Featuring the Eighth Doctor as played by Paul McGann, this adventure was published to mark the thirty-fifth anniversary of Doctor Who.

On-board fires can occur on submarines after events such as collision or explosion. These fires expose crew members to toxic concentrations of combustion products such as ammonia, carbon monoxide, hydrogen chloride, and hydrogen sulfide. Exposure to these substances at high concentrations may cause toxic effects to the respiratory and central nervous system; leading possible to death. To protect crew members on disabled submarines, scientists at the U.S. Navy Health Research Center's Toxicology Detachment have proposed two exposure levels, called submarine escape action level (SEAL) 1 and SEAL 2, for each substance. SEAL 1 is the maximum concentration of a gas in a disabled submarine below which healthy submariners can be exposed for up to 10 days without encountering irreversible health effects

while SEAL 2 the maximum concentration of a gas in below which healthy submariners can be exposed for up to 24 hours without experiencing irreversible health effects. SEAL 1 and SEAL 2 will not impair the functions of the respiratory system and central nervous system to the extent of impairing the ability of crew members in a disabled submarine to escape, be rescued, or perform specific tasks. Hoping to better protect the safety of submariners, the chief of the Bureau of Medicine and Surgery requested that the National Research Council (NRC) review the available toxicologic and epidemiologic data on eight gases that are likely to be produced in a disabled submarine and to evaluate independently the scientific validity of the Navy's proposed SEALs for those gases. The NRC assigned the task to the Committee on Toxicology's (COT's) Subcommittee on Submarine Escape Action Levels. The specific task of the subcommittee was to review the toxicologic, epidemiologic, and related data on ammonia, carbon monoxide, chlorine, hydrogen chloride, hydrogen cyanide, hydrogen sulfide, nitrogen dioxide, and sulfur dioxide in order to validate the Navy's proposed SEALs. The subcommittee also considered the implications of exposures at hyperbaric conditions and potential interactions between the eight gases. Review of Submarine Escape Action Levels for Selected Chemicals presents the subcommittee's findings after evaluation human data from experimental, occupational, and epidemiologic studies; data from accident reports; and experimental-animal data. The evaluations focused primarily on high-concentration inhalation exposure studies. The subcommittee's recommended SEALs are based solely on scientific data relevant to health effects. The report includes the recommendations for each gas as determined by the subcommittee as well as the Navy's original instructions for these substances.

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