

Appendix 1 - Job Sequence

Name	Thomas Noel Todd
Nationality	British
Qualifications	BSc Hons in Physics, 1st Class (Imperial College, London) 7 A-Levels (Physics, Logic and various types of Mathematics)
Membership	Fellow of the Institute of Mechanical Engineers
Current role	Fusion Technology Consultant
Last UKAEA Role	Chief Technologist, Culham Centre for Fusion Energy, United Kingdom Atomic Energy Authority (UKAEA)

2014	Retired from UKAEA
2011-2014	Chief Technologist, Culham Centre for Fusion Energy, UKAEA
2004-2011	Chief Engineer, Culham Science Centre, UKAEA Fusion
2000-2003	Manager, Standards Application and Interpretation Department (Engineering Group, UKAEA Major Projects and Engineering Division, corporate but based at Dounreay)
1999-2000	Manager, Design Services Department (Engineering Group, UKAEA Dounreay)

Previous posts and roles were all in UKAEA, Fusion (Culham):

1998-1999	Department Manager for Fusion and Industry Department, Fusion Programme Area Manager for Fusion and Industry, and for External Sales
1997-1999	Chair, MAST Advisory Committee
1995-1998	Area Safety Manager for all Fusion areas
1992-1998	Diagnostics Department Manager, Work Package Manager for Diagnostics and Data Acquisition, Commercial Area Manager for Diagnostics and Particle Beams
1984-1992	Compass tokamak - engineering liaison officer during design and construction phases, Group Leader, later Department Manager
1983-1986	CLEO tokamak - Group leader
1982	Doublet III tokamak, General Atomic - visiting experimentalist

1980-1981 CLEO stellarator/RFP/tokamak, physicist-in-charge

1975-1980 Levitron superconducting multipole - diagnostician and experimentalist

University attendance:

1972-1975 Honours degree course at Imperial College, London

Appendix 2 - Significant Technical Committees and Projects

Euratom Ad Hoc Groups and similar:

- TCV tokamak AHG Phase I
- TCV tokamak AHG Phase II
- TJ-II stellarator AHG Phase I
- TJ-II stellarator AHG Phase II
- TJ-II stellarator Neutral Beam Injection AHG Phase I
- European cryogenic Pellet Injector Development Strategy meeting
- W7X superconducting stellarator AHG Phase I
- W7X superconducting stellarator AHG Phase II
- Tore Supra tokamak CIEL divertor AHG Phases I/II combined
- JET Assessment Group - Long-term Reliability (including remote handling)
- JET Assessment Group - 4 Tesla Operation
- NSTX tokamak Physics Review (equivalent to AHG Phase I)
- NSTX tokamak Engineering and Costs Review (ditto Phase II)
- KSTAR superconducting tokamak Engineering and Costs Review (ditto Phase II)
- KSTAR tokamak Auxiliary Systems Engineering Review (ditto Phase II)
- HL-2M tokamak Engineering Design Review
- CFETR superconducting DT reactor Engineering Design Review (x3)

Compass Steering Committee (CCFE), for physics-engineering liaison.

START design project (Chair)
START Steering Committee

MAST & MAST-U:

- MAST Advisory Committee (Chair)
- Steering Committee
- Project Board
- Value Engineering Meetings (Chair)
- Design reviews (load assembly, power supplies, cryoplant, in-vessel components)

Original (Rebut-Aymar) ITER design reviews:

- CDA (mostly load assembly engineering aspects)
- IDR (mechanical engineering, particularly in-vessel components)
- DDR (mechanical engineering, particularly in-vessel components)
- FDR (mechanical engineering, particularly in-vessel components)

ITER (“-FEAT”) design reviews:

- 2007, EU Assessment of ITER Design Review: In-Vessel Components (WG08) & Vacuum Vessel and Interfaces (WG05)
- 2009 Vacuum Leak Brainstorming Meeting (Chair of Sub-working group #1)
- 2009 Technical Integration Review, (Sub-Group of the ITER MAC)
- 2010 Central Interlock System CDR
- 2012 Tritium Plant Automated Control System CDR
- 2012 Central Interlock System PDR
- 2012 Continuous External Rogowski PDR
- 2013 External Magnetic Diagnostics – Flux Loops PDR
- 2013 Tungsten Divertor FDR
- 2014 Central Interlock System pFDR
- 2014 Fibre Optic Current Sensors PDR (Chair)
- 2015 Internal Magnetic Diagnostics PDR (Chair)
- 2016 Plasma Control System PDR (Chair)
- 2017 Roughing Pumps System CDR (Chair)
- 2014 -2019 Machine Protection Panel (Chair until December 2018)

JT60SA design reviews:

2005 (original design review, when known as “NCT”)
2007 CDR
2008 Rebaselining
2008 Remote Handling Systems
2009 Divertor and Remote Handling Systems

Project Management:

CLEO-OHTE (helically-assisted reversed field pinch, conversion from stellarator)
Conversion of COMPASS-C to -D
Commercial provision of Diagnostic Neutral Beam for CHS at NIFS
JET PFX Operated-Early Trials (sponsor)
ITER First Wall Studies (sponsor)

OGC Project Gateway Reviews:

ARCHER high end computing facility (Chair)
Babraham Campus Development (Chair; plus follow-up meeting, solo)
Easter Bush Research Centre
Future Surface Combatant (the new Navy frigate)
High End Computing Terascale Resource (three stages)
Institute of Animal Health site development
Prototype Fast Reactor Decommissioning Size-Reduction Facility (Chair)
Waste Encapsulation and Treatment Plant (Chair)

ISO standards development:

ISO 17873:2004, “Nuclear facilities -- Criteria for the design and operation of ventilation systems for nuclear installations other than nuclear reactors”
ISO 17874 (all five parts), “Remote handling devices for radioactive materials”,
TC85/SC2/WG24, “Telerobotics for nuclear Installations”.

JET:

Design & Assembly Coordination Meeting (Chair)
Commissioning & Operation Meeting
Machine Protection Working Group (Chair)
JET Operating Contract Supervisory Board
JET Coordination Meeting
JET Operations Meeting
JET Risk Assessment

EP2 Project Boards:

Neutral Beam Enhancements
ITER-Like Wall
Protection of the ITER-like Wall

Dounreay ILW Shaft and Silo waste recovery option studies
Dounreay and Corporate Engineering Design Procedures Working Group (Chair)

UKAEA Remote Handling Working Group (Chair)

PPPL:

NSTX-U Design Verification and Validation Reviews (all aspects of the machine)
Extent of Condition Review Committee (Chair)
Director's Review Committee for the NSTX-U Recovery Project

IPP-Prague:

Compass-U Conceptual Design Review (Chair)

Appendix 3 - Publications

- 1) Vondracek, P et al, "Preliminary design of the Compass Upgrade Tokamak", Proceedings of the 31st SOFT, 2020, virtual but organised by the Ruđer Bošković Institute, Zagreb, Croatia; submitted for review November 2020.
- 2) Zheng, S et al, "Fusion reactor start-up without an external tritium source", FEDC **103**, pp 16-20 (2016)
- 3) Webster, A et al, "Resonant-Like Behaviour During ELM Cycles in the Joint European Torus", Physics of Plasmas, **22**, 082501 (2015)
- 4) Chapman, S et al, "The global build-up to intrinsic ELM bursts seen in divertor full flux loops in JET", Physics of Plasmas, **22**, 072506 (2015)
- 5) Webster, A et al, "Plasma-control system interactions in magnetically confined fusion experiments", EFDA-JET-PR(14)33
- 6) Webster, A et al, "Relationship of edge localised mode burst times with divertor flux loop signal phase in JET", Physics of Plasmas **21** 062302 (2014)
- 7) Webster A et al, "Time-resonant tokamak plasma edge instabilities?", Plasma Phys. & Controlled Fusion **56** (2014) 075017
- 8) Zheng, S & Todd T N, "Study of impacts on tritium self-sufficiency in a fusion DEMO reactor", Proceedings of the 28th SOFT, 2014, San Sebastian, in review process May 2015
- 9) Chapman S et al, "Relationship of ELM burst times with divertor flux loop signal phase in JET", Phys. Plasmas, **21**, 062302 (2014)
- 10) Webster, A et al, "The statistics of edge localised plasma instabilities", Proceedings of the 40th EPS Conference on Plasma Physics, Helsinki, Finland (2013)
- 11) Todd, TN, "Diagnostic systems in DEMO: engineering design issues", International Conference on Fusion Reactor Diagnostics, Villa Monastero, Varenna, Italy, September 9-13, 2013
- 12) Todd T N, "Pulsed DEMO Design Assessment Studies" Keynote and Plenary - I , Proceedings of the Twentieth Topical Meeting on the Technology of Fusion Energy (TOFE-2012) (Part 1), Nashville, Tennessee, August 27-31, 2012; Fusion Science and Technology, Volume 64, Number 2, August 2013, p. 76-85
- 13) Orsitto F P, & Todd T N, "Steady State versus Pulsed Tokamak DEMO", Proceedings of the 24th IAEA Fusion Energy Conference, San Diego, 2012
- 14) Han W E, Knight P J, Todd T N, Ward D J, "Start-up requirements and current-drive issues for a pulsed DEMO, and potential implications for power output to the grid", Fusion Engineering and Design, 2013
- 15) Benton M G Sr., Bamford R A, Todd T, Bingham R, Silva L, and Alves P, "Concept for Human Exploration of NEO Asteroids using MPCV, Deep Space Vehicle, Artificial Gravity Module, and Mini-Magnetosphere Radiation Shield", Proceedings of the 49th AIAA Aerospace Sciences Meeting, Orlando, 2011 (*There are another two papers like this.*)
- 16) Zatz I J, Baker R, Brooks A, Cole M, Neilson G H, Lowry C, Mardenfeld C M, Omran H, Thompson V, Todd T; "Design of JET ELM Control Coils for Operation at 350°C", Proceedings of the 26th SOFT, Porto, 2010

- 17) Kemp, R, Keeling D, Todd T: "Increasing Current Drive Efficiency in DEMO by Induction of Counter-Rotation", Proceedings of the 26th SOFT, Porto, 2010
- 18) Todd T, "The Aerodynamics of Carved Stone Balls", Proceedings of the Society of Antiquaries of Scotland 136, 61-74, 2006
- 19) Todd T, Kaye A, Pamela J, Murari A, Rolfe A, Riccardo V, Brennan D; "JET Engineering: Progress and Plans", Proceedings of the 23rd SOFT, Venice, 2004
- 20) Lioure A, Kaye A, Murari A, Sanchez J, Todd T, Damiani C, Pamela J; "The JET Enhanced Performance Program: More Heating Power and Diagnostic Capabilities in Preparation for ITER", Proceedings of the 23rd SOFT, Venice, 2004
- 21) Andrade M C R, Todd T N, Ferreira J G, Ludwig G O; "Trapped Particle Fraction in the Presence of the Inductive Toroidal Electric Field in Tokamaks" INPE (Brazil) Internal Report NT(LAP) 19/02, 2002
- 22) Andrade M C R, Todd T N, Ferreira J G, Ludwig G O; "Trapped Regions for Different Launch Points in the Presence of the Inductive Toroidal Electric Field in Tokamaks" INPE (Brazil) Internal Report NT(LAP) 20/02, 2002
- 23) Andrade M C R, Todd T N, Ferreira J G; "Approximated Form for Launch Point Averaging of Trapped Particle Fraction in the Presence of the Inductive Toroidal Electric Field in Tokamaks" INPE (Brazil) Internal Report NT(LAP) 21/02, 2002
- 24) Todd T N, "Fusion R&D Spin-off", Proceedings of the KRCF and KBSI Fusion Forum, COEX Conference Centre, Soeul, May 2002
- 25) Cooper W A Todd T N Allfrey S Hender T C Robinson D C EURATOM/UKAEA Fusion, Culham Science Centre "Effect of helical coils on the magnetic field and the stability of a compact toroidal plasma" LRP 675/00 Centre de Recherches en Physique des Plasmas (CRPP), August 2000, 24p. Accepted for publication in Plasma Physics & Controlled Fusion Report
- 26) Szego K Todd T N Zoletnik S (Editors) 27th European Physical Society Conference on Controlled Fusion and Plasma Physics, Recreation and Cultural Centre of the Hungarian Army, Budapest, Hungary, 12-16 June 2000 Volume 24B Contributed Papers with CD-ROM Conference Proceedings
- 27) Todd T N Zoletnik S (Guest Editors), Invited Papers from the 27th European Physical Society Conference on Controlled Fusion and Plasma Physics, Budapest, Hungary, 12-16 June 2000, Special Issue: Plasma Physics and Controlled Fusion, Vol.42, Supplement 12B, December 2000, Pp B1-396 Conference Proceedings
- 28) Cooper W A Todd T N Allfrey S Hender T C Robinson D C, "Effect of helical coils on the magnetic field and the stability of a compact toroidal plasma" Plasma Physics and Controlled Fusion, Vol.42, No.10, October 2000, p.1105-1121
- 29) Cooper W A Ferrando S Margael I Allfrey S J Isaev M Yu Mikhailov M I Shafranov V D Subbotin A A Narushima Y Okamura S Suzuki C Yamazaki K Fu G Y Ku L P Monticello D A Redi M H Reiman A H Zarnstorff M C Nuhrenberg J *Todd T N *UKAEA Dounreay, Caithness, Scotland, UK "Bootstrap current destabilization of ideal MHD modes in three-dimensional reactor configurations" Plasma Physics and Controlled Fusion, Vol.44, No.12B, December 2002, p.B357-B373. Special issue: Invited papers from the 29th European Physical Society Conference on Plasma Physics and Controlled Fusion, Montreux, Switzerland, 17-21 June 2002 Conference Proceedings
- 30) Cooper W A, Margael F I, Allfrey S J, Isaev M Yu, Mikhailov M I, Shafranov V C, Subbotin A A, Narushima Y, Okamura S, Suzuki C, Yamazaki K, Fu G Y, Ku L P, Monticello D A, Redi M, Reiman A, Zarnstorff M, Nuhrenberg J, *Todd T N UKAEA Dounreay, Caithness, Scotland

“Bootstrap current destabilisation of Ideal MHD Modes in 3D reactor configurations” LRP 728/02, Centre de Recherches en Physique des Plasmas, August 2002, p.1-24. Paper presented at the 29th EPS Conference on Controlled Fusion and Plasma Physics, Montreux, Switzerland, 17th-21st June 2002 Report

- 31) Ribeiro C, Akers R, Alladio F, Axon K, Baylor L, Counsell G F, Dowling J, Fielding S, Garzotti L, Gryaznevich M, Han W E, Innocente P, Jenkins I, deKloe J, Martin R, Nicozzi P, Sass B, Sykes A, Terranova D, Todd T N, Twynam P, Wakatani M, Walsh M J, You S, NBI Team EURATOM/UKAEA Fusion, Culham Science Centre “Pellet injection on START and MAST” Imperial College of Science, Technology and Medicine, London. Proceedings of the 21st Symposium on Fusion Technology (SOFT-21), Madrid, Spain, September 11-15, 2000, Part B. Fusion Engineering and Design, Vol.58-59 (2001) November 2001, p.319-324 Conference Proceedings
SOFT-21 Part B
- 32) Robinson D C, Willi O, Lawson J D, Little E A, Zweben S, Todd T N “Inertial-confinement fusion with fast ignition” Philosophical Transactions of the Royal Society of London Series A-Mathematical, Physical & Engineering Sciences. 357(1752):574, 1999.
- 33) Bullough R, Ehrlich K, Kelly A, Sheffield J, Vandenplas P, Windsor C, Little E A, Todd T N, Cook I, Hawryluk R J “The development of structural materials for fusion reactors” Philosophical Transactions of the Royal Society of London Series A-Mathematical, Physical & Engineering Sciences. 357(1752): 618-623, 1999.
- 34) Turnbull, A D, Lin-Liu Y R, Miller R L, Taylor T S, *Todd T N “Improved magnetohydrodynamic stability through optimization of higher order moments in cross-section shape of tokamaks” Physics of Plasmas, Vol.6, No.4, April 1999, p.1113-1116
- 35) Ribeiro C, Alladio F, Counsell G F, Carolan P G, Gryaznevich M, Jenkins I, Martin R, Nicozzi P, Nightingale M P S, Robinson D C, Sykes A, Todd T N, Walsh M J “Pellet injection, confinement, and H-mode features on START” 1998 International Congress on Plasma Physics combined with the 25th European Physical Society Conference on Controlled Fusion and Plasma Physics, Praha, Czech Republic, June 29-July 3, 1998. p.842-845
- 36) Cooper W A, Antonietti J M, Todd T N “A paramagnetic nearly isodynamic compact magnetic confinement system” Paper Presented at the 17th IAEA Fusion Energy Conference, Yokohama, Japan, 19-24 October 1998 LRP 622/98 Centre de Recherches en Physique des Plasmas (CRPP) December 1998, p.9-12
- 37) Todd T N, Windsor C G “Progress in magnetic confinement fusion research [Review] Contemporary Physics 39(4):255-282, Jul-Aug 1998
- 38) Windsor C G, Todd T N, Trotman D L, Smith M E U “Real-time electronic neural networks for ITER-like multiparameter equilibrium reconstrucion and control in COMPASS-D” Fusion Technology, vol.32 no.3 November 1997. p.416.
- 39) O'Connell R Carolan P G Bunting C A Conway N J Leahy P Todd T N “Rotation and mode locking in COMPASS-D H-mode plasmas” Controlled Fusion and Plasma Physics, 24th European Physical Society Conference, Berchtesgaden, 9th-13th June 1997. Contributed Papers, Part I. p.273.
- 40) Ribeiro C Hender T C Jenkins I Martin R Nightingale M P S Robinson D C Sykes A Todd T N Walsh M J “The density and q limits in START” Controlled Fusion and Plasma Physics, 24th European Physical Society Conference, Berchtesgaden, 9th-13th June 1997. Contributed Papers, Part I. p.249.
- 41) Todd T N Carolan P G Conway N J Melnick I M O'Connell R Peacock N J Walsh M J “High resolution diagnostics on COMPASS-D and START” Fusion Engineering and Design, vols. 34 & 35 March 1997 (Proceedings of the Seventh International Toki Conference on Plasma

- 42) Walsh M J Akers R J Bamford R A Buttery R J Carolan P G Codling D M Conway N J Counsell G F Cox M Dowling J Edlington T Gryaznevich M Gunston T Jenkins I Manhood S J Martin R Mironov M Morel K Morris A W Nightingale M P S O'Brien M Petrov S Ya Feng Y- K M Price M N Ribeiro C Robinson D C Singleton M Smith R T C Sykes A Todd T N Tsai C C Warder S E V Whitehead A "First results of neutral beam heating in START spherical tokamak plasmas" 23rd European Physical Society Conference on Controlled Fusion and Plasma Physics, Kiev, 24-28 June 1996. European Physical Society, 1996. p.424.
- 43) Todd T N Jones T T C Moreau D Zohm H "Report of the 3rd European Fusion Physics Workshop" Plasma Physics and Controlled Fusion vol.39 no.4 April 1997. p.621.
- 44) Ribeiro C Gryaznevich M Hender T C Jenkins I Martin R Nightingale M P S Robinson D C Sykes A Todd T N Walsh M J "The density and q limits in START" Proceedings of International Workshop on Spherical Torus and US-Japan Workshop for Low Aspect Ratio Tokamaks, Culham, 4-6 December 1996. Vol.II. p.731.
- 45) Robinson D C Buttery R Cook I Cox M Gryaznevich M Hender T C Knight P Morris A W O'Brien M R Ribeiro C Sykes A Todd T N Walsh M Wilson H R "The way forward for the spherical tokamak" Fusion Technology, vol.30 no.3 December 1996, part 2A. (Proceedings of the Twelfth Topical Meeting on the Technology of Fusion Energy, Reno, Nevada, June 16-20, 1996) p.1360.
- 46) Windsor C G Todd T N Trotman D L Smith M E U "Real time electronic neural nets for ITER-like multiparameter equilibrium control in Compass-D" UKAEA Government Division, Fusion, Culham, Abingdon, Oxon, 1995. 22p. Report UKAEA FUS 307
- 47) Sykes A Del Bosco E Colchin R J Cunningham G Duck R Edlington T Goodall D H J Gryaznevich M Holt J Hugill J Li J Manhood S J Parham B J Robinson D C Todd T N Turner M F "First results from the START experiment" AEA Fusion Report, Culham, Abingdon, Oxon, 1991. 11p. Report AEA FUS 132
- 48) Todd T N* Jones T T C Moreau D Zohm H "Report of the 3rd European Fusion Physics Workshop" Segovis, 13-15 December 1995.
- 49) Ali-Arshad S Stott P E Todd T and others "Overview of magnetic diagnostics planned for ITER" UKAEA FUS 349 UKAEA FC 1318, UKAEA Fusion, November 1996
- 50) Ali-Arshad S Stott P E Todd T and others "Diagnostics for Experimental Thermonuclear Fusion Reactors" Proceedings of the International Workshop on Diagnostics for ITER, August 28 - September 1, 1995, Varenna, Plenum Press, New York, 1996. p.71.
- 51) Fielding S J Carolan P G Gates D A Hugill J Morris A W Valovic M Ashall J D Axon K B Bamford R A Barnsley R Booth M Bunting C A Colton A Conway N J Edlington T Edwards A M Ferreira J Lloyd B Manhood S J Melnick I M O'Connell R Patel A Peacock N J Robinson D C Simpson P R Singleton M Stammers K Todd T N Tomas J Compass Team ECRH Team "H-modes in ITER-like configurations on COMPASS-D tokamak" Plasma Physics and Controlled Nuclear Fusion Research 1994, 15th International Conference, Seville, 26 September-1 October 1994. Vol.2. p.29.
- 52) Morris A W Edwards A M Hender T C Scanlan J V Barnsley R Buttery R J Carolan P G Colton A Conway N J Edlington T Fielding S J Fitzpatrick R Gates D A Gimblett C G Haynes P S Lloyd B Melnick I M O'Brien M R O'Connell R Peacock N J Robinson D C Singleton M Todd T N Valovic M COMPASS TEAM ECRH TEAM "Control of error-field modes and ELMs in ITER-shaped plasmas in COMPASS-D" Plasma Physics and Controlled Nuclear Fusion Research 1994, 15th International Conference, Seville, 26 September-1 October 1994. vol.1.

- 53) Windsor C G Todd T N Smith M E U Trotman D L “Advances in neutral network applications for COMPASS-D and ITER” 22nd European Physical Society Conference on Controlled Fusion and Plasma Physics, Bournemouth, 3rd-7th July 1995, Contributed Papers. Part 3. p.393.
- 54) Walsh M Bamford R A Carolan P G Connor J W Ferreira J G Goodall D H J Gryaznevich M Hugill J Jenkins I Martin R Manhood S Ribeiro C Roach C Robinson D C Shevchenko V Sykes A Todd T N Tomas J Wilson H R “Confinement at tight aspect ratio in START” 22nd European Physical Society Conference on Controlled Fusion and Plasma Physics, Bournemouth, 3rd-7th July 1995, Contributed papers. Part III. p.033.
- 55) Morris A W Appel L C Ashall J D Axon K B Bamford R A Barnsley R Booth M G Buttery R Carolan P G Castle G G Colton A Conway N J Edlington T Edwards A M Fielding S J Gates D Hender T C Hugill J Hunt C Lloyd B McArdle G J Manhood S J Melnick I M O'Brien M R O'Connell R O'Mullane M Peacock N J Pinfold T Robinson D C Simpson P J Singleton M Stammers K Tomas J Todd T N Valovic M Vyas P Waterhouse J Whitehurst G A Warrick C D and the COMPASS-D and RF Teams “H-mode, beta-limit and instability studies on COMPASS-D” 22nd European Physical Society Conference on Controlled Fusion and Plasma Physics, Bournemouth, 3rd-7th July 1995, Contributed Papers. Part 2. p.001.
- 56) Darke A C Harbar J R Hay J H Hicks J B Hill J W McKenzie J S Morris A W Nightingale M P S Todd T N Voss G M Watkins J R “MAST: A mega amp spherical tokamak” Fusion Technology 1994, Proceedings of the 18th Symposium on Fusion Technology, Karlsruhe, Germany, 22-26 August 1994, vol.1. Amsterdam, Elsevier. 1995. p.799.
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- 58) Windsor C G Todd T N Trotman D L Smith M E U “Progress in advanced spherical tokamak research: START and the proposed MAST programme” UKAEA Fusion July 1995, Report UKAEA FUS 307.
- 59) Todd T N Sykes A Walsh M J, UKAEA Fusion, June 1995 Report UKAEA FUS 300 Awaiting publication in Int. Workshop on Advanced Fusion Science Research, Seoul, Korea, 21-24 June 1995. UKAEA FC 911
- 60) Fielding S J Ashall J D Axon K B Bamford R A Booth M Carolan P G Edlington T Edwards A M Ferreira J Gates D Gerasimov S Hugill J Lloyd B Manhood S J Morris A W O'Connell R Robinson D C Simpson P R Stammers K Tomas J Todd T N Valovic M “Ohmic H-mode power thresholds and recycling on COMPASS-D” Journal of Nuclear Materials, vol.220-222 April 1995 (Proceedings of the Eleventh International Conference on Plasma-Surface Interactions in Controlled Fusion Devices Mito, Ibaraki, Japan, May 23-27, 1994). p.284.
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- 62) Carolan P G Fielding S J Gerasimov S Hugill J Morris A W Robinson D C Todd T N Valovic M Ashall J Axon K B Bamford R A Bunting C A Edlington T Edwards A M Ferreira J G Manhood S J O'Connell R Singleton M A Stammers K Tomas J Trotman D L COMPASS-D Team “Characteristics of ohmic H-modes in COMPASS-D” Plasma Physics and Controlled Fusion, vol.36 no.7A July 1994 (Papers from 4th H-Mode Workshop (IAEA Technical Committee Meeting on H-Mode Physics) Naka, Ibaraki, Japan, 15-17 November 1993) p.A111.

63) Carolan P G Cunningham G Duck R Edlington T Ferreira J Fielding S J Gibson K Goodall D H Gryaznevich M Hender T C Hugill J Jenkins I Li J Manhood S J Parham B J Robinson D C Singleton M Sykes A Todd T N Turner M F Valovic M Walsh M Wilson H "Recent results from the tight aspect ratio tokamak, START" AEA Fusion, Culham. 1992. 5p. Report AEA FUS 184

64) Todd T N and the COMPASS Team "MHD control and ECCD in compass-D" AEA Technology Fusion. January 1994. 12p. Report AEA FUS 259

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