

## Annex to Organization Chart of PTB

# Internal Structure of the Department Presidential Staff Office

Department PSt Presidential Staff  Dr. R. Wynands phone 1009	WG PSt 1 Research Programs, Strategic Controlling, special Tasks  Dr. R. Wynands phone 1009	WG PSt 2 Central Quality Management  Dr. A. Odin phone 8330	SeSc PSt 4 Theory of Metrologically Relevant Many-Body-Systems  Dr. W. Apel phone 8122	SeSc PSt 5 Theory of Transport in Quantum Systems  Dr. L. Schweitzer phone 8124	WG PSt 6 Theory of Interacting Quantum Systems  Dr. M. Weyrauch phone 8125
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# Internal Structure of the Department Technical-scientific Infrastructure in Berlin

Department IB.T Technical-scientific Infrastructure in Berlin  Dr. F. Melchert phone (Ch) 7446	WG IB.TD Technical Services, Berlin  H. Stötzer phone (Ch) 7466	WG IB.TG Instrument Construction, Berlin  A. Kuhn phone (Ch) 7556	WG IB.TI Data Networks and Servers, Berlin  Dr. K. Oppitz phone (Ch) 7534	WG IB.TP PC Hardware and Operating Systems, Berlin  M. Wagner phone (Ch) 7223
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# Annex to Organization Chart of PTB

## Internal Structure of the Departments of Division 1

SeSc 1.01  
Thermal Transport  
  
Dr. U. Hammerschmidt  
phone 3211

Division 1  
Mechanics and Acoustics  
  
Dr. R. Schwartz  
phone 1010

Department 1.1 Mass  *Dr. R. Schwartz phone 1010	WG 1.11 Realization of Mass  Dr. M. Borys phone 1110	WG 1.12 Weighing Instruments  Dr. O. Mack phone 1143	WG 1.13 Dynamic Weighing  K. Schulz phone 1144	WG 1.14 IT Weighing Technology  M. Link phone 1146
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Department 1.2 Solid Mechanics  Dr. R. Kumme phone 1200	WG 1.21 Realization of Force  Dr. R. Kumme phone 1200	WG 1.22 Realization of Torque  Dr. D. Röske phone 1131	WG 1.23 Periodic Forces  Dr. C. Schlegel phone 1230
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Department 1.3 Velocity  Prof. Dr. F. M. Jäger phone 1300	WG 1.31 Speed Measuring Instruments  Dr. F. Märtens phone 1633	WG 1.32 IT Measuring Instruments for Traffic Enforcement  Prof. Dr. F. M. Jäger phone 1300	WG 1.33 Dynamic Pressure Measurement  Dr. H. C. Schönekeß phone 1615
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Department 1.4 Gas Flow  Dr. H. Többen phone 1400	WG 1.41 Fluid Flow Measuring Techniques  Dr. H. Müller phone 1310	WG 1.42 Gas Meters  Dr. R. Kramer phone 1330	WG 1.43 High Pressure Gas  Dr. B. Mickan phone 1331
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Department 1.5 Liquid Flow  Dr. G. Wendt phone 1500	WG 1.51 Liquid Meters  Dr. M. Rinker phone 1380	WG 1.52 Liquid Test Facilities  Dr. G. Wendt phone 1500	WG 1.53 Traceability of Liquid Flow Measurement  Dr. R. M. Engel phone 1321
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Department 1.6 Sound  Dr. C. Koch phone 1600	SeSc 1.60 Ultrasound  Dr. K. Beißner phone 1431	WG 1.61 Sound in Air  Dr. T. Fedtke phone 1511	WG 1.62 Ultrasound  Dr. V. Wilkens phone 1423	WG 1.62 Noise Measuring Technology  Dr. I. Bork phone 1531
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Department 1.7 Acoustics and Dynamics  Prof. Dr. W. Scholl phone 1700	WG 1.71 Realization of Acceleration  Dr. T. Bruns phone 1220	WG 1.72 Applied Acoustics  Dr. V. Wittstock phone 1549	WG 1.73 Impact Dynamics  Dr. T. Bruns phone 1220
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## Internal Structure of the Departments of Division 2

Division 2  
Electricity

Dr. U. Siegner  
phone 2010

Department 2.1 Direct Current and Low Frequency	WG 2.11 Direct Current Measuring Techniques	WG 2.12 Ratio and Sampling Techniques	WG 2.13 AC/DC Transfer, Impedance
	Dr. J. Melcher phone 2100	Dr. B. H. Schumacher phone 2122	Dr. G. Ramm phone 2190

Department 2.2 High Frequency & Electromagnetic Fields	WG 2.21 Electromagnetic Fields and Antenna Measuring Techniques	WG 2.22 High-frequency Measuring Techniques	WG 2.23 Fundamentals of Scattering Parameter Measurements
	Dr. T. Schrader phone 2200	Dr. T. Kleine-Ostmann phone 2210	Dr. R. Judaschke phone 2229

Department 2.3 Electrical Energy Measuring Techniques	WG 2.31 Foundations of Electrical Energy Measuring Techniques	WG 2.32 High-voltage Metrology	WG 2.33 Power and Energy, Test Centre System	WG 2.34 Conformity Assessment of Measuring Instruments for Electricity	WG 2.35 Instrument Transformers
	Dr. M. Kahmann phone 2300	Dr. W. G. Kürten Ihlenfeld phone 2310	Dr. W. Lucas phone 2323	Dr. M. Kahmann phone 2300	E. Mohns phone 2350

Department 2.4 Quantum Electronics	WG 2.41 Logistics and Operation of Clean-room Facility	WG 2.42 Single-charge and Single-flux- quanta Circuits	WG 2.43 Circuits for Josephson Voltage Standards	WG 2.44 Nanostructures for Technical Applications	WG 2.45 Macroscopic Quantum Objects
	Dr. A. Zorin phone 2400	C. Cognolato phone 2207	Dr. A. Zorin phone 2400	Dr. J. Kohlmann phone 2133	Dr. T. Weimann phone 2281

Department 2.5 Semiconductor Physics and Magnetism	WG 2.51 Magnetic Measurements	WG 2.52 Nanomagnetism	WG 2.53 Low-dimensional Electron Systems	WG 2.54 Terahertz-Optics
	Dr. H. W. Schumacher phone 2500	Dr. M. Albrecht phone 2250	Dr. H. W. Schumacher phone 2414	Dr. F. Hohls phone 2410

Department 2.6 Electrical Quantum Metrology	WG 2.61 SET, Current and Charge	WG 2.62 Quantum Hall Effect, Resistance	WG 2.63 Josephson Effect, Voltage
	Dr. F. J. Ahlers phone 2600	Dr. H. Scherer phone 2139	Dr. J. Schurr phone 2114

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## Internal Structure of the Departments of Division 3

Division 3  
Chemical Physics and  
Explosion Protection

Prof. Dr. K.-D. Sommer  
phone 3010

Department 3.1 Metrology in Chemistry  Dr. B. Güttler phone 3100	WG 3.11 Inorganic Analysis	WG 3.12 Bio-organic Analysis	WG 3.13 Electrochemistry
	Dr. D. Schiel phone 3110	Dr. A. Henrion phone 3120	P. Spitzer phone 3130

Department 3.2 Analytics and Thermodynamic State Behaviour of Gases Prof. Dr. V. Ebert phone 3200	WG 3.21 Humidity	WG 3.22 Metrology in Molecular Spectroscopy	WG 3.23 Thermal State Behaviour and Density	WG 3.24 Avogadro Constant
	Dr. N. Böse phone 3231	Prof. Dr. V. Ebert phone 3200	Dr. H. Bettin phone 3330	Dr. H. Bettin phone 3330

Department 3.3 Substance Properties and Pressure  *Prof. Dr. K.-D. Sommer phone 3010	WG 3.31 Caloric Quantities	WG 3.32 Properties of Liquids	WG 3.33 Pressure
	Dr. S. Sarge phone 3310	Dr. H. Wolf phone 3320	Dr. W. Sabuga phone 3230

Department 3.4 Fundamentals of Explosion Protection  Dr. H. Bothe phone 3400	WG 3.41 Safety Characteristics	WG 3.42 Gas Dispersion and Explosion Processes	WG 3.43 Explosion Protection Advice and Databases
	Dr. E. Brandes phone 3410	Dr. D.-H. Frobese phone 3420	Dr. W. Möller phone 3430

Department 3.5 Flame Transmission Processes  Dr. U. Klausmeyer phone 3500	WG 3.51 Flameproof Enclosure	WG 3.52 Modelling of Flame Transmission	WG 3.54 International Harmonization in Explosion Protection
	Dr. M. Thedens phone 3510	Dr. D. Markus phone 3520	Dr. U. Klausmeyer phone 3500

Department 3.6 Intrinsic Safety and Safety of Systems  Dr. U. Johannsmeyer phone 3600	WG 3.61 Intrinsic Safety	WG 3.62 Ignition Hazards of Modern Energy Supply Systems	WG 3.63 Business Office „Conformity Assessment in Explosion Protection“
	Dr. U. Johannsmeyer phone 3600	Dr. U. Gerlach phone 3620	Dr. U. Johannsmeyer phone 3600

Department 3.7 Prevention on Ignition Sources  Dr. M. Beyer phone 3700	WG 3.71 QM System Assessments in Explosion Protection	WG 3.72 Explosion-protected Electrical Drive Systems	WG 3.73 Physical Ignition Processes
	M. Graube phone 3710	Dr. F. Lienesch phone 3720	Dr. M. Beyer phone 3700

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## Internal Structure of the Departments of Division 4

Division 4  
Optics  
Prof. Dr. F. Riehle  
phone 4010

Department 4.1 Photometry and Applied Radiometry  Dr. K. Stock phone 4100	WG 4.11 Source-based Spectroradiometry  Dr. S. Nevas phone 4115	WG 4.12 Photometry  Dr. A. Sperling phone 4120	WG 4.14 Solar Cells  Dr. S. Winter phone 4140	WG 4.15 Goniophotometry  M. Lindemann phone 4125
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Department 4.2 Imaging and Wave Optics  Dr. E. Buhr phone 4200	WG 4.21 Form and Wavefront Metrology  Dr. M. Schulz phone 4210	WG 4.22 Quantitative Microscopy  Dr. E. Buhr phone 4200	WG 4.23 Ultra-high Resolution Microscopy  Dr. B. Bodermann phone 4222
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Department 4.3 Quantum Optics and Unit of Length  Dr. H. Schnatz phone 4300	WG 4.31 Unit of Length  Dr. H. Schnatz phone 4311	WG 4.32 Quantum Optics with Cold Atoms  Dr. U. Sterr phone 4312	WG 4.33 X-ray Optics  Dr. U. Kuetgens phone 4330
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Department 4.4 Time and Frequency  Dr. E. Peik phone 4400	SeSc 4.40 Optical frequency standards  Dr. C. Tamm phone 4415	WG 4.41 Unit of Time  Dr. S. Weyers phone 4416	WG 4.42 Dissemination of Time  Dr. A. Bauch phone 4420	WG 4.43 Optical Clocks with Trapped Ions  Dr. E. Peik phone 4400
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Department 4.5 Optical Technologies  Prof. Dr. S. Kück phone 4500	WG 4.51 Spectrometry and Microoptical Metrology  Dr. A. Schirmacher phone 4510	WG 4.52 Reflectometry  Dr. A. Höpe phone 4520	WG 4.53 Optical Femtosecond- Metrology  Dr. H. Telle phone 4530	WG 4.54 Laser Radiometry  Prof. Dr. S. Kück phone 4502
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## Internal Structure of the Departments of Division 5

SeSc 5.01 Mathematical Methods in Precision Engineering Dr. M. Krystek phone 5016	Division 5 Precision Engineering Dr. H. Bosse phone 5010
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<b>Department 5.1</b> Surface Metrology  Dr. L. Koenders phone 5100	<b>WG 5.11</b> Nano Force Metrology for Tactile Sensors  Dr. U. Brand phone 5111	<b>WG 5.12</b> Hardness and Layer Thickness Measurement Technique Dr. U. Brand phone 5111	<b>WG 5.13</b> Surface Metrology on Nanostructures  Dr. L. Koenders phone 5100	<b>WG 5.14</b> Roughness Measuring Methods  Dr. R. Krüger-Sehm phone 5121	<b>WG 5.15</b> Calibration of Roughness Parameters  L. Jung-Albrecht phone 5124
<b>Department 5.2</b> Dimensional Nanometrology  Dr. J. Flügge phone 5200	<b>WG 5.21</b> Length Graduation  Dr. J. Flügge phone 5200	<b>WG 5.22</b> Mask Metrology  Dr. G. Dai phone 5127	<b>WG 5.23</b> Angle Metrology  Dr. R. Geckeler phone 5220	<b>WG 5.24</b> Modelling Scanning Microscopy  Dr. C. G. Frase phone 5186	<b>WG 5.25</b> Scanning Probe Metrology  Dr. H.-U. Danzebrink phone 5136
<b>Department 5.3</b> Coordinate Metrology  Dr. F. Härtig phone 5300	<b>WG 5.31</b> Geometrical Standards  Dr. O. Jusko phone 5310	<b>WG 5.32</b> Coordinate Measuring Machines  Dr. K. Wendt phone 5323	<b>WG 5.33</b> Gear and Thread  Dr. K. Kniel phone 5388	<b>WG 5.34</b> Multisensor Coordinate Metrology  Dr. U. Neuschaefer-Rube phone 5311	<b>WG 5.35</b> Metrological Services for Coordinate Metrology  J. Hirsch phone 5325
<b>Department 5.4</b> Interferometry on Material Measures  Dr. R. Schödel phone 5400	<b>WG 5.41</b> Interferometry on Spheres  Dr. A. Nicolaus phone 5410	<b>WG 5.42</b> Multiwavelength Interferometry for Geodetic Lengths  Dr. F. Pollinger phone 5420	<b>WG 5.43</b> Interferometric Calibration of Gauge Blocks  P. Franke phone 5430	<b>WG 5.44</b> Interferometry on Prismatic Bodies  Dr. R. Schödel phone 5440	<b>WG 5.45</b> Certification of Length Measuring Machines  I. Lohse phone 5450
<b>Department 5.5</b> Scientific Instrumentation  Prof. Dr. F. Löffler phone 5500	<b>WG 5.51</b> Design  H. Lüllmann phone 5510	<b>WG 5.52</b> Fabrication of Measuring Instruments  P. Wagner phone 5520	<b>WG 5.53</b> Manufacturing of Components  J. Rother phone 5530	<b>WG 5.54</b> Surface Technology  Dr. D. Hagedorn phone 5540	<b>WG 5.55</b> Training  Prof. Dr. F. Löffler phone 5500
	<b>WG 5.56</b> Manufacturing Technology  Dr. R. Meeß phone 5560				

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## Internal Structure of the Departments of Division 6

Division 6  
Ionizing Radiation  
Dr. H. Janßen  
phone 6010

Department 6.1 Radioactivity  Dr. D. Arnold phone 6100	WG 6.11 Unit of Activity	WG 6.12 Environmental Radioactivity	WG 6.13 Radon Measuring Technique
	Dr. K. Kossert phone 6110	Dr. H. Wershofen phone 6120	Dr. A. Röttger phone 6130

Department 6.2 Dosimetry for Radiation Therapy and Diagnostic Radiology Dr. U. Ankerhold phone 6200	WG 6.21 High-energy Photon and Electron Radiation	WG 6.22 Brachytherapy	WG 6.23 Unit of Absorbed Dose to Water	WG 6.24 Alanine Dosimetry	WG 6.25 Dosimetry for Diagnostic Radiology
	Dr. R.-P. Kapsch phone 6210	Dr. H.-J. Selbach phone 6220	Dr. A. Krauss phone 6230	Dr. M. Anton phone 6240	Dr. L. Büermann phone 6250

Department 6.3 Radiation Protection Dosimetry  Dr. P. Ambrosi phone 6300	WG 6.31 Photon Dosimetry	WG 6.32 Dosimetry at Low Dose Rates	WG 6.34 Beta Dosimetry	WG 6.35 Measuring Stations for Radiation Protection
	Dr. O. Hupe phone 6310	Dr. S. Neumaier phone 6320	Dr. R. Behrens phone 6340	G. Buchholz phone 6350

Department 6.4 Ion Accelerators & Ref. Radiation Fields  Dr. F. Wissmann phone 6400	WG 6.41 Micro-ion Beam and Ion Dosimetry	WG 6.42 Neutron Metrology	WG 6.43 Ion Accelerators	WG 6.44 Dosimetry of Complex Radiation Fields
	Dr. U. Giesen phone 6410	Dr. R. Nolte phone 6420	Dr. R. Böttger phone 6430	Dr. F. Wissmann phone 6400

Department 6.5 Neutron Radiation  Dr. H. Schuhmacher phone 6500	WG 6.51 Detector Development	WG 6.52 Neutron Dosimetry	WG 6.53 Neutron Spectrometry and Neutron Sources
	Dr. V. Dangendorf phone 6510	Dr. M. Luszik-Bhadra phone 6520	Dr. A. Zimbal phone 6530

Department 6.6 Fundamentals of Dosimetry  Dr. H. Rabus phone 6600	WG 6.61 Electron Interaction Cross Sections of DNA Components	WG 6.62 Nanodosimetry	WG 6.63 Biological Effectiveness of Ionizing Radiation
	Dr. W. Y. Baek phone 6610	Dr. G. Hilgers phone 6620	Dr. H. Nettelbeck phone 6630

Referat 6.71 Operational Radiation Protection  Dr. R. Simmer phone 6710
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## Internal Structure of the Departments of Division 7

Division 7  
Temperature and  
Synchrotron Radiation  
Dr. G. Ulm  
phone (Ch) 7312

<p>Department 7.1 Radiometry with Synchrotron Radiation</p> <p>Prof. Dr. M. Richter phone (Ad) 7100</p>	<p>WG 7.11 X-ray Radiometry</p> <p>Dr. M. Krumrey phone (Ad) 7110</p>	<p>WG 7.12 EUV Radiometry</p> <p>Dr. F. Scholze phone (Ad) 7120</p>	<p>WG 7.13 UV and VUV Radiometry</p> <p>Dr. A. Gottwald phone (Ad) 7130</p>	<p>WG 7.14 Synchrotron Radiation Sources</p> <p>Dr. R. Klein phone (Ad) 7140</p>	<p>WG 7.15 Instrumentation Berlin-Adlershof</p> <p>R. G. Fliegau phone (Ad) 7150</p>
<p>Department 7.2 Cryophysics and Spectrometry</p> <p>Dr. T. Schurig phone (Ch) 7290</p>	<p>SeSc 7.20 Superconducting Sensors</p> <p>Dr. D. Drung phone (Ch) 7342</p>	<p>WG 7.21 Cryosensors</p> <p>Dr. J. Beyer phone (Ch) 7379</p>	<p>WG 7.22 Ultra-Low Temperatures</p> <p>Prof. Dr. P. Strehlow phone (Ch) 7429</p>	<p>WG 7.23 Cryoelectronic Measuring Systems</p> <p>Dr. T. Schurig phone (Ch) 7290</p>	<p>WG 7.24 X-ray and IR Spectrometry</p> <p>Dr. B. Beckhoff phone (Ad) 7170</p>
	<p>WG 7.25 Information Technology Berlin-Adlershof</p> <p>J. Eden phone (Ad) 7160</p>				
<p>Department 7.3 Detector Radiometry and Radiation Thermometry</p> <p>Dr. J. Hollandt phone (Ch) 7369</p>	<p>WG 7.31 High-temperature Scale</p> <p>Dr. R. D. Taubert phone (Ch) 7480</p>	<p>WG 7.32 Infrared Radiation Thermometry</p> <p>Dr. J. Hollandt phone (Ch) 7369</p>	<p>WG 7.33 Detectorradiometry</p> <p>Dr. L. Werner phone (Ch) 7325</p>	<p>WG 7.34 Terahertzradiometry</p> <p>Dr. A. Steiger phone (Ch) 7532</p>	
<p>Department 7.4 Temperature</p> <p>Dr. J. Fischer phone (Ch) 7473</p>	<p>WG 7.41 High-temperature Technology</p> <p>Dr. F. Edler phone (Ch) 7538</p>	<p>WG 7.42 Applied Thermometry</p> <p>Dr. S. Rudtsch phone (Ch) 7650</p>	<p>WG 7.43 Fundamentals of Thermometry</p> <p>Dr. B. Fellmuth phone (Ch) 7224</p>	<p>WG 7.44 Low-temperature Scale</p> <p>Dr. J. Engert phone (Ch) 7226</p>	
<p>Department 7.5 Heat and Vacuum</p> <p>Dr. T. Lederer phone (Ch) 7230</p>	<p>WG 7.51 Thermal Energy Measurement</p> <p>Dr. J. Rose phone (Ch) 7250</p>	<p>WG 7.52 New Methods for Thermal Energy Measurement</p> <p>Dr. T. Lederer phone (Ch) 7230</p>	<p>WG 7.54 Vacuum Metrology</p> <p>Dr. K. Jousten phone (Ch) 7262</p>		

**Explanations**  
Extensions:  
(Ch) Berlin-Charlottenburg  
030/3481...  
(Ad) Berlin-Adlershof  
030/3481...

# Annex to Organization Chart of PTB

## Internal Structure of the Departments of Division 8

Division 8  
 Medical Physics and  
 Metrological Information  
 Technology  
 Prof. Dr. H. Koch  
 phone (Ch) 7343

Department 8.1 Medical Metrology  Dr. B. Ittermann phone (Ch) 7318	WG 8.11 MR Technology	WG 8.12 Standards for Medical Instrumentation	WG 8.13 In vivo MRI
	Dr. F. Seifert phone (Ch) 7377	Dr. B. Ittermann phone (Ch) 7318	Dr. F. Schubert phone (Ch) 7477

Department 8.2 Biosignals  Dr. L. Trahms phone (Ch) 7213	WG 8.21 Biomagnetism	WG 8.22 Measurement Technology for Biosignals
	Dr. L. Trahms phone (Ch) 7213	Dr. M. Burghoff phone (Ch) 7238

Department 8.3 Biomedical Optics  Prof. Dr. R. Macdonald phone (Ch) 7542	WG 8.31 Tissue Optics and Molecular Imaging	WG 8.32 Flow Cytometry and Microscopy
	Dr. D. Grosenick phone (Ch) 7302	Dr. J. Neukammer phone (Ch) 7241

Department 8.4 Mathematical Modelling and Data Analysis Dr. M. Bär phone (Ch) 7687	SeSc 8.40 Practical Measurement Uncertainty	WG 8.41 Mathematical Modelling and Simulation	WG 8.42 Data Analysis and Measurement Uncertainty
	Dr. S. Mieke phone (Ch) 7287	Dr. M. Bär phone (Ch) 7687	Dr. C. Elster phone (Ch) 7492

Department 8.5 Metrological Information Technology  Prof. Dr. D. Richter phone (Ch) 7479	WG 8.51 Metrological Software	WG 8.52 Data Communication and Security	WG 8.53 Gaming Machines
	Dr. U. Grottker phone 2020	Dr. N. Zisky phone (Ch) 7624	R. Kuschfeldt phone (Ch) 7340

# Annex to Organization Chart of PTB

## Internal Structure of the Departments of Division Q

Division Q  
 Scientific-technical Cross-sectional Tasks  
 Dr. P. Ulbig  
 phone 8010

Section Q.11  
 Academic Library  
  
 Dr. J. Meier  
 phone 8131

Department Q.2  
 Theoretical Fundamentals  
  
 \*Dr. P. Ulbig  
 phone 8010

WG Q.01  
 Translation Office  
  
 U. Baier-Blott  
 phone 9332

WG Q-Bau  
 Management of Building Projects  
  
 U. Deventer  
 phone 9210

Department Q.3 Legal Metrology and Technology Transfer Dr. D. Ratschko phone 8300	WG Q.31 Legal Metrology	WG Q.32 Certification Body	WG Q.33 Technology Transfer
	Dr. D. Ratschko phone 8300	Dr. H. Stolz phone 8320	Dr. B. Smandek phone 8303

Department Q.4 Information Technology  Dr. S. Hackel phone 8400	WG Q.41 Data Networks	WG Q.42 Server Systems and Data Management	WG Q.43 Databases and Applications	WG Q.44 User Support and Consultancy IT Management
	Dr. M. Gutbrod phone 8410	Dr. D. Sibold phone 8420	R. Ohl phone 8430	K. Hube phone 8440

Department Q.5 Technical Cooperation Dr. M. Stoldt D. Schwohnke phone 8200	WG Q.51 Europe and scientific-technical Cooperation	WG Q.52 Asia	WG Q.53 Latin America and the Caribbean	WG Q.54 Africa and the Middle East
	Dr. M. Stoldt phone 8200	U. Miesner phone 8220	Dr. A. H. Valqui phone 8230	S. Wallerath phone 8240

Section Q.61  
 Technical Service  
  
 M. Frühauf  
 phone 9170

# Annex to Organization Chart of PTB

## Structure of Division Z

Section Z.11  
Budget and Procurement

M. Wasmuß  
phone 9110

Section Z.12  
Personnel

S. Wiemann  
phone 9120

Section Z.13  
Legal Matters

M. Gahrens  
phone 9130

Section Z.14  
Organization and Controlling

Dr. J. Jaspers  
phone 9140

Section Z.15  
Berlin Administration

A. Lubinus  
phone (Ch) 7449

Section Z.16  
Internal Services

M. List  
phone 9160

Section Z.17  
Training

P. J. Dickers  
phone 9240

Division Z  
Administrative Services

C. Tampier  
phone 9010

WG Z.01  
Web Services

M. Battikh  
phone 3597