




COOMET-22/08.2 (1)

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|    | <b>COOMET Document</b>               | <b>COOMET<br/>D9/2012</b><br><i>(November 2011)</i> |
|   | <b>COOMET Program of comparisons</b> |   |
| <i>Approved at the 16<sup>th</sup> meeting of COOMET President's Council (Rostov-on-Don, Russia, 16–17 November 2011)</i> |                                      |   |

**APPROVED**

**Vladimir Krutikov**  
Acting COOMET President  
16 November 2011

## COOMET PROGRAMM OF COMPARISONS

*(as of November 05, 2011)*

## PLANNED COMPARISONS

| № | Name   | Subject field | Type          | COOMET project No | KCDB reference | CMCs supported   | Date of start | NMI- pilot, contact person  | Participants   |
|---|--|---------------|---------------|-------------------|----------------|------------------|---------------|---|--|
| 1 | 2  | 3             | 4             | 5                 | 6              | 7                | 8             | 9   | 10   |
| 1 | Comparison of measurements of velocity of longitudinal ultrasonic wave propagation in solid media by impulse method      | AUV           | Pilot         | 482/BY/09         | -              | -                | 2010          | BelGIM<br>Pozdeeva V.<br>93, Starovilensky trakt, Minsk, 220053,<br>Belarus<br>phone. +375 17 288 07 35<br>fax: . +375 17 288 09 38<br><a href="mailto:vpozdeeva@belgim.belpak.minsk.by">vpozdeeva@belgim.belpak.minsk.by</a> | BelGIM, Belarus<br>Ukrmetrteststandard<br>Ukraine  |
| 2 | Comparisons of free-field hydrophone calibrations in a lab water tank at low sound frequencies<br>(from 250 Hz to 8 kHz) | AUV           |               | 531/RU/11         |                | 11.1.1<br>12.1.1 | 2012          | A.Isaev<br>VNIIFTRI<br>Moscow region 141570<br>Russia<br>Phone: +7 (495) 535-93-13<br>Fax : +7 (495) 535-93-13<br><a href="mailto:enyakov@vniiftri.ru">enyakov@vniiftri.ru</a>  | VNIIFTRI, Russia<br><br>HAARI, China   |
| 3 | Comparison of national standards of ultrasonic power unit in the frequency range of 2 to 15 MHz                          | AUV           |               | 535 UA/11         |                | 13.1.1           | 2012          | V.Chaliy<br>Systema<br>79008, Lvov, Krivonos st., 6 Ukraine<br>Phone: +38 032 239 92 23<br>Fax: +38 032 274 21 49<br><a href="mailto:v-chalyy@dndi-systema.lviv.ua">v-chalyy@dndi-systema.lviv.ua</a>                         | VNIIFTRI, Russia<br><br>Systema, Ukraine   |
| 4 | AC power measurements  | EM            | Supplementary | 344/UA/05         | COOMET.EM-S2   |                  | 2009          | Ukrmetrteststandast<br>O.Akhmadov<br>03143, Kiev<br>Metrologicheskaya st., 4<br>Ukraine<br>Phone: +38 0 44 526 55 68<br>Fax: +38 0 44 526 55 68<br><a href="mailto:ermatec@ukrcsm.kiev.ua">ermatec@ukrcsm.kiev.ua</a>         | Ukrmetrteststandard<br>Ukraine<br>BelGIM Belarus<br>BIM Bulgaria<br>KazInMetr Kazakhstan |
| 5 | Comparison of AC voltage ratio standards   | EM            | Supplementary | 396/UA/07         | COOMET.EM-S5   |                  | 2009          | Ukrmetrteststandard<br>V.Kikalo<br>4, Metrologicheskaja str., 03143, Kyiv,<br>Ukraine<br>Phone: +380(44) 526-34-85<br>Fax : +380(044) 526-36-69<br><a href="mailto:hivolt@ukrcsm.kiev.ua">hivolt@ukrcsm.kiev.ua</a>           | Ukrmetrteststandard<br>Ukraine<br>VNIIMS Russia<br>BelGIM Belarus<br>GEOSTM Georgia      |

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|----|--|---------------|---------------|-------------------|----------------|----------------|---------------|--|--|
| 1  | 2  | 3             | 4             | 5                 | 6              | 7              | 8             | 9  | 10   |
| 6  | Comparison of Standards the units of electromagnetic power flux density (W/m <sup>2</sup> ) at frequencies of 2,45 GHz and 10,0 GHz                              | EM            | Supplementary | 267/RU/02         |                |                | 2009          | VNIIFTRI<br>S.Kolotygin.<br>Mendeleevo,<br>Moscow region 141570<br>Russia<br>Phone: +7 495 535 91 65<br>Fax: +7 495 535 93 34<br><a href="mailto:lab202@vniiftri.ru">lab202@vniiftri.ru</a>  | VNIIFTRI Russia<br>BelGIM Belarus  |
| 7  | Comparisons Standards of amplitude modulation depth HF oscillations at carrier frequency   | EM            | Supplementary | 468/RU/09         | -              | -              | 2009          | VNIIFTRI<br>Mylnikov A.V<br>Mendeleevo,<br>Moscow region 141570<br>Russia<br>Phone: +7 495 535 91 65<br>Fax: +7 495 535 93 34<br><a href="mailto:lab202@vniiftri.ru">lab202@vniiftri.ru</a>  | VNIIFTRI Russia<br>BelGIM Belarus<br>NSC IM Ukraine<br>NMI Slovenia<br>SCL China         |
| 8  | Comparisons of the inductance standards for the working frequencies up to 10 MHz   | EM            | Supplementary | 469/RU/09         | COOMET.EM-S8   |                | 2009          | SNIIM<br>Matveichuk V.F.<br>prospect Dimitrova 4,<br>Novosibirsk 630004, Russia<br>Phone +7 383 2100814<br>Fax: +7 383 2101360<br><a href="mailto:director@sniiim.siberia.net">director@sniiim.siberia.net</a>   | SNIIM Russia<br>CMI Czech Republic<br>CNEUZ Uzbekistan<br>Ukrmetrteststandard<br>Ukraine |
| 9  | Comparisons of national standards in the field of measuring the ratio and angle scaling conversion of sinusoidal current (MPST) in the range 1 ... 10000A/5A(1A) | EM            | Pilot         | 470/RU-a/09       |                |                | 2009          | UNIIM<br>Zaharov B.V.<br>4, Krasnoarmeiskaya ul., Ekaterinburg,<br>620000, Russia<br>Phone +7 8.343 350 20 65<br>Fax: +7 8.343 3502313<br><a href="mailto:lemma@uniim.ru">lemma@uniim.ru</a>   | UNIIM Russia<br>Ukrmetrteststandard<br>Ukraine<br>GNASTRM Georgia                        |
| 10 | Comparisons of volume of liquids   | F             | Supplementary |                   |                | 9.5.1          | 2010          | INIMET<br>National Research Institute of Metrology<br>Cuba<br>Jose Franco,<br>Calle E №.261 entre 11 y 13 Vadelo, LA<br>HABANA 10400, CUBA<br>Тел.: (53-7) 8623041-44<br>Факс: (53-7) 86769-66<br>E-mail: <a href="mailto:franco@inimet.cu">franco@inimet.cu</a> | INIMET Cuba<br>NISM Moldova<br>NSC IM Ukraine  |

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|----|---|---------------|---------------|-------------------|----------------|----------------|---------------|---|---|
| 1  | 2   | 3             | 4             | 5                 | 6              | 7              | 8             | 9   | 10  |
| 11 | Comparison of standards in field of hot water flow measurement            | F             | Supplementary | 532/UA/11         |                |                | 2011          | PTB<br>Gudrun Wendt<br>Bundesallee 100, D-38116 Braunschweig,<br>GERMANY<br>Тел.: +49 531 592 1500<br>Факс: +49 531 592 140534 47<br><a href="mailto:Gudrun.Wendt@ptb.de">Gudrun.Wendt@ptb.de</a>       | Ukrmetrteststandast<br>Ukraine<br>SMU Slovakia<br>PTB Germany                                       |
| 12 | Comparison of 24-sided polygon  | L             | Supplementary | 460/SK/09         |                |                | 2009          | SMU<br>Mokros,<br>Karloveská 63,<br>842 55 Bratislava, SLOVAKIA,<br>Тел.: + 421 2 60294 253<br>Факс: +421 2 65429 592<br><a href="mailto:mokros@smu.gov.sk">mokros@smu.gov.sk</a>                       | SMU Slovakia<br>KazInMetr Kazakhstan  |
| 13 | The comparison of the flatness standards                                  | L             | Supplementary | 313/UA/08         | COOMET.L-S10   | 2.3.7          | 2009          | NSC IM<br>Kupko V..<br>61002, Kharkov,<br>Mironositskaya St.,<br>Phone: 38 057 704 98 54<br>Fax:38 057 700 34 47<br><a href="mailto:kupko@metrology.Kharkov.ua">kupko@metrology.Kharkov.ua</a>          | NSC IM Ukraine<br>VNIIMS Russia   |
| 14 | Pilot comparisons in the field of measuring the aqueous glucose solutions | QM            | Pilot         | 362/RU/06         | -              | 10.1           | 2010          | VNIIM<br>Konopelko L.A.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>phone:(7-812) 315 11 45<br>fax: (7-812) 327 97 76<br><a href="mailto:lkonop@b10.vniim.ru">lkonop@b10.vniim.ru</a> | VNIIM Russia<br>VNIIFTRI Russia<br>Ukrmetrteststandast<br>Ukraine<br>BelGIM Belarus<br>SMU Slovakia |

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| 1  | 2   | 3             | 4             | 5                 | 6              | 7              | 8             | 9   | 10  |
| 15 | Pilot comparison in the field of blood elements studies   | QM            | Pilot         | 367/RU/06         | -              | 10.1           | 2010          | VNIIM<br>Konopelko L.A.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>phone:(7-812) 315 11 45<br>fax: (7-812) 327 97 76<br><a href="mailto:lkonop@b10.vniim.ru">lkonop@b10.vniim.ru</a> | VNIIM Russia<br>VNIIFTRI Russia<br>Ukrmetrteststandast<br>Ukraine<br>BelGIM Belarus<br>(List in progress)   |
| 16 | Key/PilotComparisons of the low electrical conductivity of solutions  | QM            | key           | In progress       | -              | 7              | 2009          | VNIIM<br>Konopelko L.A.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>phone:(7-812) 315 11 45<br>fax: (7-812) 327 97 76<br><a href="mailto:lkonop@b10.vniim.ru">lkonop@b10.vniim.ru</a> | VNIIM Russia<br>VNIIFTRI Russia<br>SMU Slovakia<br>Ukrmetrteststandast<br>Ukraine<br>BelGIM Belarus<br>KazInMetr Kazakhstan<br>(List in progress)             |
| 17 | Supplementary comparisons in the field of moisture mass fraction measurements in cereal grain and cereal products | QM            | Supplementary | 479/RU/09         | -              | 11.4           | 2009          | UNIIM<br>V.I.Koryakov<br>620000, Yekaterinburg<br>Krasnoarmeiskaya ul.4<br>Russia<br>Phone (8-343) 350 16 98<br>Fax (8-343) 350 25 43<br><a href="mailto:korukov@uniim.ru">korukov@uniim.ru</a>         | UNIIM, Russia<br>Ukrmetrteststandast<br>Ukraine<br>BelGIM Belarus<br>PTB Germany<br>SM Chemistry and<br>Material technology<br>Sweden<br>KazInMetr Kazakhstan |
| 18 | Electrolytic conductivity 0,5 S/m   | QM            | key           | 540/UA/11         | COOMET.QM-K36  |                | 2011          | SMU<br>Karloveská 63,<br>842 55 Bratislava, SLOVAKIA,<br>Тел.: + 421 2 60294 202<br>Факс: +421 2 65429 592  | Ukrmetrteststandast<br>BelGIM Belarus<br>VNIIM Russia<br>VNIIFTRI Russia<br>GEOSTM Georgia<br>INDECOPi Peru<br>SMU Slovakia<br>KazInMetr Kazakhstan           |

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| 1  | 2  | 3             | 4             | 5                 | 6              | 7              | 8             | 9   | 10   |
| 19 | Comparison of the national standards of air kerma for Cs-137 at protection level | RI            | Key           | 445/DE/08         |                | 1.6.8          | 2009          | PTB,<br>L.Bueermann<br>PTB, 19Lab 1.41 Bundesallee 100 D-38116<br>Braunschweig, Germany<br>Phone: +49 531 592 6620<br>FAX: +49 531 592 6015<br><a href="mailto:ludwig.bueermann@ptb.de">ludwig.bueermann@ptb.de</a> | PTB Germany<br>BelGIM Belarus<br>CHPR Cuba<br>NISM Moldova<br>GEOSTM Georgia |
| 20 | Comparison of the national standards of air kerma for low-energy x-rays          | RI            | Key           | 446/DE/08         |                | 1.6.4          | 2009          | PTB,<br>L.Bueermann<br>PTB, 19Lab 1.41 Bundesallee 100 D-38116<br>Braunschweig, Germany<br>Phone: +49 531 592 6620<br>FAX: +49 531 592 6015<br><a href="mailto:ludwig.bueermann@ptb.de">ludwig.bueermann@ptb.de</a> | PTB Germany<br>BelGIM Belarus<br>CHPR Cuba<br>NISM Moldova<br>GEOSTM Georgia |
| 21 | Comparison of the national standards of air kerma for medium-energy x-rays       | RI            | Key           | 447/DE/08         |                | 1.6.5          | 2009          | PTB,<br>L.Bueermann<br>PTB, 19Lab 1.41 Bundesallee 100 D-38116<br>Braunschweig, Germany<br>Phone: +49 531 592 6620<br>FAX: +49 531 592 6015<br><a href="mailto:ludwig.bueermann@ptb.de">ludwig.bueermann@ptb.de</a> | PTB Germany<br>BelGIM Belarus<br>CHPR Cuba                                   |
| 22 | Comparisons of national standards of the unit of combustion energy               | T             | Supplementary | 228/UA-a/01       |                |                | 2009          | VNIIM<br>E.Korchagina<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>Phone + 812 3239639<br>Fax +7 812 7130114<br><a href="mailto:n.e.korchagina@vniim.ru">n.e.korchagina@vniim.ru</a>               | VNIIM Russia<br>NSC IM Ukraine   |

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| 1  | 2  | 3             | 4             | 5                 | 6              | 7              | 8             | 9   | 10  |
| 23 | Regional comparisons of national standards for temperature measurements in the range from the triple point of mercury to the zinc freezing point | T             | Key           | 285/RU-a/03       | -              | 2.1.1          | 2009          | VNIIM<br>Pokhodun A.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>Phone/Fax 107 812 315 5207<br><a href="mailto:A.I.Pokhodun@vniim.ru">A.I.Pokhodun@vniim.ru</a>   | VNIIM Russia<br>NSC IM Ukraine<br>BelGIM Belarus<br>SMU Slovakia<br>INIMET Cuba |
| 24 | Comparison of national standards of the unit of temperature at the fixed points of silver, gold and copper freezing                              | T             | Key           | 387/UA/07         | COOMET.T-K5    |                | 2009          | NSC IM<br>R.Sergienko<br>61002, Kharkov,<br>Mironositskaya St.,<br>Ukraine<br>Phone.: +38 057 7049806<br>Fax: +38 057 7003447<br><a href="mailto:rymma.sergiyenko@metrology.kharkov.ua">rymma.sergiyenko@metrology.kharkov.ua</a> | VNIIM Russia<br>NSC IM Ukraine  |
| 25 | Regional comparisons of national measurement standards of the triple point of water for temperature measurements                                 | T             | Key           | 395/BY/07         | COOMET.T-K7    |                | 2008          | BelGIM<br>T.Dikun<br>93, Starovilensky trakt, Minsk, 220053<br>Belarus<br>тел. + 375 17 233 04 21<br>факс: + 375 17 288 09 38<br><a href="mailto:dikun@belgim.by">dikun@belgim.by</a>   | BelGIM Belarus  |
| 26 | Comparisons of national standards of the unit of temperature at the fixed points of gallium melting, indium, tin and zinc freezing.              | T             | Supplementary | 417/UA-a/08       | COOMET.T-S1    |                | 2008          | VNIIM<br>Pokhodun A.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>Phone/Fax 107 812 315 5207<br><a href="mailto:A.I.Pokhodun@vniim.ru">A.I.Pokhodun@vniim.ru</a>   | VNIIM Russia<br>NSC IM Ukraine  |
| 27 | Comparison of National time and frequency standards with help of RF scale UTC(SU)  | TF            | Key           | 398/RU/07         |                | 1.1<br>1.2     | 2008          | VNIIFTRI<br>V.Palchikov<br>Mendeleevo, Moscow region 141570<br>Russia<br>Phone:+7 495 5359291<br>Fax: +7 495 5359334<br><a href="mailto:ir@vniiftri.ru">ir@vniiftri.ru</a>  | VNIIFTRI Russia<br>NSC IM Ukraine<br>BelGIM Belarus                             |

## CURRENT COMPARISONS

| № | Name  | Subject field | Type          | COOMET project No | KCDB reference      | CMCs supported                    | Date of start | NMI- pilot, contact person  | Participants  |
|---|---|---------------|---------------|-------------------|---------------------|-----------------------------------|---------------|---|---|
| 1 | 2   | 3             | 4             | 5                 | 6                   | 7                                 | 8             | 9   | 10  |
| 1 | Key Comparison of the National Measurement Standards of the vibration parameters units (in regard to the vibration acceleration) in the frequency range from 20 Hz to 5 kHz | AUV           | Key           | 308/UA/04         | COOMET.<br>AUV.V-K1 | 21.1.1; 21.2.1;<br>21.3.1; 21.4.1 | 2006          | VNIIM<br>Smirnov V.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>Phone: (812) 3239629,<br>4220159<br>Fax: (812) 1130114<br><a href="mailto:smirnov.2520@vniim.ru">smirnov.2520@vniim.ru</a>                            | VNIIM Russia<br>BelGIM Belarus<br>GUM Poland<br>Systema Ukraine<br>VNIIFTRI Russia<br>INM Romania                               |
| 2 | Comparison of national standards for sound pressure (Pa) in air using calibration of working standard microphones   | AUV           | Supplementary | 434/BY/08         | COOMET.AUV.<br>A-S1 | 1.1.1<br>2.1.1<br>3.1.1           | 2009          | BelGIM<br>Pozdeeva V.<br>93, Starovilensky trakt, Minsk,<br>220053, Belarus<br>phone. +375 17 288 07 35<br>fax: . +375 17 288 09 38<br><a href="mailto:vpozdeeva@belgim.belpak.minsk.by">vpozdeeva@belgim.belpak.minsk.by</a>           | BelGIM Belarus<br>Systema, Ukraine<br>SMU, Slovakia,<br>VNIIFTRI Russia   |
| 3 | Comparison of measurements of velocity of longitudinal ultrasonic wave propagation in solid media by impulse method.  | AUV           | Pilot         | 482/BY/09         | -                   | -                                 | 2010          | BelGIM<br>Pozdeeva V. Dobrov A.<br>93, Starovilensky trakt, Minsk,<br>220053, Belarus<br>phone. +375 17 288 07 35<br>fax: . +375 17 288 09 38<br><a href="mailto:vpozdeeva@belgim.belpak.minsk.by">vpozdeeva@belgim.belpak.minsk.by</a> | BelGIM Belarus<br>Ukrmetrteststandar<br>Ukraine<br>Dneprstandartmetrologia<br>Ukraine   |
| 4 | International comparisons of the State Standards of electrical capacitance and tangent of losses  | EM            | Key           | 345/UA/05         | COOMET.EM-<br>K4    | 4.2.1                             | 2006          | Ukrmetrteststandast<br>O.Akhmadov<br>03143, Kiev<br>Metrologicheskaya st., 4<br>Ukraine<br>Phone: +38 0 44 526 55 68<br>Fax: +38 0 44 526 55 68<br><a href="mailto:ermatec@ukrcsm.kiev.ua">ermatec@ukrcsm.kiev.ua</a>                   | Ukrmetrteststandast Ukraine<br>BelGIM Belarus<br>PTB Germany<br>SMU Slovakia<br>VNIIM Russia<br>NCM Bulgaria<br>INM(Ro) Romania |



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| 1 | 2  | 3             | 4             | 5                 | 6                | 7              | 8             | 9   | 10   |
| 5 | Comparison of AC/DC voltage transfer standards   | EM            | Supplementary | 273/RU-a/03       | COOMET.EM-S1     | 5.1.2          | 2004          | VNIIM<br>Telitchenko G.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>Phone: +7-812-323-96-20<br>Fax: +7-812-143-01-14<br><a href="mailto:G.P.Telitchenko@vniim.ru">G.P.Telitchenko@vniim.ru</a>      | VNIIM Russia<br>Ukrmetrteststandast<br>Ukraine   |
| 6 | International comparisons of the State Standards of electrical capacitance and tangent of losses | EM            | Supplementary | 345/UA/05         | COOMET.EM-S4     | 4.2.1          | 2006          | Ukrmetrteststandast<br>O.Akhmadov<br>03143, Kiev<br>Metrologicheskaya st., 4<br>Ukraine<br>Phone: +38 0 44 526 55 68<br>Fax: +38 0 44 526 55 68<br><a href="mailto:ermatec@ukrcsm.kiev.ua">ermatec@ukrcsm.kiev.ua</a> | Ukrmetrteststandast<br>Ukraine<br>BelGIM Belarus<br>PTB Germany<br>SMU Slovakia<br>VNIIM Russia<br>NCM Bulgaria<br>INM(Ro) Romania                             |
| 7 | Comparisons of reference instruments measuring high voltage alternating current                  | EM            | Supplementary | 411/RU-a/07       | COOMET.<br>EM-S6 |                | 2008          | VNIIMS<br>Kiselev D.B.<br>46, Ozernaya str.,<br>119361 Moscow,<br>Russia<br>Phone: +7 4954306920<br>Fax: +7 495 4306920<br><a href="mailto:kiseliev@vniims.ru">kiseliev@vniims.ru</a>                                 | VNIIMS Russia<br>HUT - Helsinki University of<br>Technology Finland<br>SP - Technical Research<br>Institute of Sweden Sweden<br>Ukrmetrteststandast<br>Ukraine |
| 8 | Comparisons of DC high voltage measuring reference instruments                                   | EM            | Supplementary | 449/RU/08         | COOMET.EM-S7     |                | 2009          | VNIIMS<br>T.Dubrovinskaya<br>46, Ozernaya str.,<br>119361 Moscow,<br>Russia<br>Phone: +7 (495)4306920<br>Fax: +7 (495)4306920<br><a href="mailto:tatiana_d@vniims.ru">tatiana_d@vniims.ru</a>                         | VNIIMS Russia<br>Ukrmetrteststandast<br>Ukraine<br>LCOE Spain  |

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| 1  | 2  | 3             | 4             | 5                 | 6               | 7              | 8             | 9  | 10  |
| 9  | Comparison of Standards the units of electromagnetic power flux density (W/m <sup>2</sup> ) at frequencies of 2,45 GHz and 10,0 GHz                | EM            | Supplementary | 267/RU/02         | COOMET.EM.RF-S1 |                | 2009          | VNIIFTRI<br>S.Kolotygin,<br>Mendeleev,<br>Moscow region 141570<br>Russia<br>Phone: +7 495 535 91 65<br>Fax: +7 495 535 93 34<br><a href="mailto:lab202@vniiftri.ru">lab202@vniiftri.ru</a>                                     | VNIIFTRI Russia<br>BelGIM Belarus<br>Ukrmetrteststandart<br>Ukraine   |
| 10 | Comparisons of mass and volume units national standards in the flowrate range from 60 to 10 <sup>5</sup> kg/h (from 0,06 to 100 m <sup>3</sup> /h) | F             | Supplementary | 406/UA/07         | COOMET.M.FF-S2  | 9.1.1<br>9.3.1 | 2009          | PTB<br>Gudrun Wendt<br>Bundesallee 100, D-38116<br>Braunschweig, GERMANY<br>Тел.: +49 531 592 1500<br>Факс: +49 531 592 140534 47<br><a href="mailto:Gudrun.Wendt@ptb.de">Gudrun.Wendt@ptb.de</a>                              | PTB Germany<br>NSC IM Ukraine<br>SMU Slovakia<br>VMT/LEI Lithuania<br>BelGIM Belarus<br>VNIIR Russia<br>UZSTANDART Uzbekistan |
| 11 | Realization of reference gas flow meter's test rigs comparisons in flow range: (4-160) m <sup>3</sup> /h.  | F             | Supplementary | 412/UA/07         | COOMET.M.FF-S3  | 9.2.1          | 2009          | Ivano-Frankovsk<br>standardmetrology<br>T.Kepeschuk<br>76007, rIvano-Frankovsk,<br>Vovchynets'ka str., 127<br>Phone: +38 03422 6 89 89<br>Fax: +38 03422 3 02 00<br><a href="mailto:dcsm@if.ukrtel.net">dcsm@if.ukrtel.net</a> | Ivano-Frankovsk<br>standardmetrology<br>Ukraine<br>VNIIR Russia<br>SMU Slovakia<br>LEI Lithuania                              |
| 12 | Comparison of cold water flow calibration laboratories in a range of flow rates (3 - 20) m <sup>3</sup> /h   | F             | Key           | 452/Sk/09         | COOMET.M.FF-S4  | 9.1.1          | 2009          | SMU<br>Mirislava Benkova,<br>Karloveská 63,<br>842 55 Bratislava, SLOVAKIA,<br>Тел.: + 421 2 60294 202<br>Факс: +421 2 65429 592<br><a href="mailto:benkova@smu.gov.sk">benkova@smu.gov.sk</a>                                 | SMU Slovakia<br>INIMET Cuba<br>CENAM Mexico<br>LEI Lithuania<br>NISM Moldova<br>Ukrmetrteststandart<br>Ukraine                |

| №  | Name  | Subject field | Type          | COOMET project No        | KCDB reference | CMCs supported | Date of start | NMI- pilot, contact person   | Participants  |
|----|---|---------------|---------------|--------------------------|----------------|----------------|---------------|--|---|
| 1  | 2   | 3             | 4             | 5                        | 6              | 7              | 8             | 9  | 10  |
| 13 | Comparison of comparators with photoelectric microscopes      | L             | Supplementary | 277/Ua/03                | COOMET.L-S1    | 2.3.1          | 2006          | NSC IM<br>Zimokosov G.<br>61002, Kharkov,<br>Mironositskaya St.,<br>Ukraine<br>Phone:+380 572 403352<br>Fax: +380 57 7003447<br><a href="mailto:solovyov@metrology.Kharkov.ua">solovyov@metrology.Kharkov.ua</a> | NSC IM Ukraine<br>PTB Germany<br>SMU Slovakia<br>VNIIM Russia   |
| 14 | Gearing parameter initial measurement means comparison.       | L             | Supplementary | 109/ UA/92<br>314/ UA/04 | COOMET.L-S2    | 5.3.1-5.3.5    | 2005          | NSC IM<br>Kupko V..<br>61002, Kharkov,<br>Mironositskaya St.,<br>Ukraine<br>Phone: 38 057 704 98 54<br>Fax:38 057 700 34 47<br><a href="mailto:kupko@metrology.Kharkov.ua">kupko@metrology.Kharkov.ua</a>        | NSC IM Ukraine<br>VNIIMS Russia<br>ВНИИМС Россия<br>PTB Germany |
| 15 | Comparison of interferometers<br>End standard Length: 100 mm  | L             | Supplementary | 265/Ua/02                | COOMET.L-S3    | 2.2.1          | 2006          | NSC IM<br>Zimokosov G.<br>61002, Kharkov,<br>Mironositskaya St.,<br>Ukraine<br>Phone:+380 572 403352<br>Fax: +380 57 7003447<br><a href="mailto:solovyov@metrology.Kharkov.ua">solovyov@metrology.Kharkov.ua</a> | NSC IM Ukraine<br>VNIIM Russia<br>BelGIM Belarus                |
| 16 | Comparison of interferometers<br>End standard Length: 1000 mm | L             | Supplementary | 278/Ua/03                | COOMET.L-S4    | 2.2.2          | 2006          | NSC IM<br>Zimokosov G.<br>61002, Kharkov,<br>Mironositskaya St.,<br>Ukraine<br>Phone:+380 572 403352<br>Fax: +380 57 7003447<br><a href="mailto:solovyov@metrology.Kharkov.ua">solovyov@metrology.Kharkov.ua</a> | NSC IM Ukraine<br>PTB Germany<br>SMU Slovakia<br>VNIIM Russia   |

| №  | Name   | Subject field | Type          | COOMET project No | KCDB reference | CMCs supported | Date of start | NMI- pilot, contact person  | Participants  |
|----|--|---------------|---------------|-------------------|----------------|----------------|---------------|---|---|
| 1  | 2  | 3             | 4             | 5                 | 6              | 7              | 8             | 9   | 10  |
| 17 | Comparison of range-finder equipment of higher precision   | L             | Supplementary | 283/UA/03         | COOMET.L-S5    |                | 2004          | NSC IM<br>Kupko V..<br>61002, Kharkov,<br>Mironositskaya St.,<br>Phone: 38 057 704 98 54<br>Fax:38 057 700 34 47<br><a href="mailto:kupko@metrology.kharkov.ua">kupko@metrology.kharkov.ua</a>          | NSC IM Ukraine<br>BelGIM Belarus                        |
| 18 | The comparison of the evolvement surface standards   | L             | Supplementary | 314/Ua/03         | COOMET.L-S6    | 5.3.4          | 2004          | NSC IM<br>Kupko V..<br>61002, Kharkov,<br>Mironositskaya St.,<br>Phone: 38 057 704 98 54<br>Fax:38 057 700 34 47<br><a href="mailto:kupko@metrology.kharkov.ua">kupko@metrology.kharkov.ua</a>          | NSC IM Ukraine<br>PTB Germany                           |
| 19 | Comparison of length standards in the range measurement of gauge blocks  | L             | Supplementary | 390/BY/07         | COOMET.L- S7   |                | 2007          | BelGIM<br>Makarevich V.<br>93, Starovilensky trakt, Minsk,<br>220053, Belarus<br>Phone. + 375 17 233 35 82<br>Fax: + 375 17 288 09 38<br><a href="mailto:Makarevich@belgim.by">Makarevich@belgim.by</a> | BelGIM Belarus<br>GUM Poland                            |
| 20 | International Comparisons of the National Standards in the Field of Deviations from Straightness and Flatness with measuring range of deviations from straightness from 0 to 50 mm, with length of surface from 0,4 to 5 m | L             | Supplementary | 382/RU/07         | COOMET.L- S8   |                | 2007          | UNIIM<br>Leonov V.<br>620000, Yekaterinburg,<br>Krasnoarmeyskaya Str., 4, Russia<br>Phone. (343) 3502618<br>Fax: (343) 3502039<br><a href="mailto:uniim@uniim.ru">uniim@uniim.ru</a>                    | UNIIM, Russia<br>BelGIM Belarus<br>KazInMetr Kazakhstan |

| №  | Name  | Subject field | Type          | COOMET project No | KCDB reference | CMCs supported | Date of start | NMI- pilot, contact person  | Participants  |
|----|---|---------------|---------------|-------------------|----------------|----------------|---------------|---|---|
| 1  | 2   | 3             | 4             | 5                 | 6              | 7              | 8             | 9   | 10  |
| 21 | Comparisons of the external diameter (plug gages) standards   | L             | Key           | 332/Ru/05         | COOMET.L-K4.b  | 2.4.1          | 2006          | VNIIM<br>Abramova L.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>Phone/Fax 323-96-69<br><a href="mailto:L.Ju.Abramova@vniim.ru">L.Ju.Abramova@vniim.ru</a>  | VNIIM Russia<br>NSC IM Ukraine<br>BelGIM Belarus<br>INM(RO) Romania |
| 22 | Comparisons of national standards in the area of measuring surface density of coatings within the range of (0,001-1,000) kg/m2 and coating thickness within the range of (1-100) mm | L             | Key           | 443/RU/08         | -              | -              | 2008          | UNIIM<br>V.Kazansev<br>Россия,<br>Leonov V.<br>620000, Yekaterinburg,<br>Krasnoarmeyskaya Str., 4, Russia<br>Phone. (8-343) 355 48 85<br>Fax: (8-343) 355 48 85<br>E-mail<br><a href="mailto:kazantsev@uniim.ru">kazantsev@uniim.ru</a> | UNIIM Russia<br>PTB Germany   |
| 23 | Bilateral comparisons of the units of luminous intensity and illumination   | PR            | Key           | 368/BY/06         | COOMET.PR-K3.a | 1.1.1          | 2009          | BelGIM<br>Tarasova O.<br>93, Starovilensky trakt, Minsk,<br>220053, Belarus<br>phone. 234-98-20<br>fax: 2880938<br><a href="mailto:optic@belgim.belpak.minsk.by">optic@belgim.belpak.minsk.by</a>                                       | BelGIM Belarus<br>SMU Slovakia<br>VNIIOFI Russia                    |
| 24 | Comparison of whiteness samples using the secondary standard of the units of colour coordinates and the coloration coordinates  | PR            | Supplementary | 366/RU/06         | COOMET.PR-S1   | 6.12.0         | 2009          | ВНИИОФИ<br>Хлевой Б.<br>Россия, 119361 Москва<br>ул. Озерная, 46<br>Phone: +7 495 437 29 88<br>Fax: +7 495 437 29 88<br>E-mail: <a href="mailto:khlevnoy-m4@vniiofi.ru">khlevnoy-m4@vniiofi.ru</a>                                      | VNIIOFI Russia<br>BelGIM Belarus<br>NSC IM Ukraine                  |

| №  | Name  | Subject field | Type          | COOMET project No | KCDB reference | CMCs supported | Date of start | NMI- pilot, contact person   | Participants  |
|----|---|---------------|---------------|-------------------|----------------|----------------|---------------|--|---|
| 1  | 2   | 3             | 4             | 5                 | 6              | 7              | 8             | 9  | 10  |
| 25 | International comparisons of national measurement standards of the unit of an angle of rotation of a plane of polarization  | PR            | Supplementary | 439/RU/08         | COOMET.PR-S2   | 4.8            | 2010          | ВНИИОФИ<br>Хлевой Б.<br>Россия, 119361 Москва<br>ул. Озерная, 46<br>Phone: +7 495 437 29 88<br>Fax: +7 495 437 29 88<br>E-mail: <a href="mailto:khlevnoy-m4@vniiofi.ru">khlevnoy-m4@vniiofi.ru</a> | VNIOFI Russia<br>PTB Germany<br>SMU Slovakia<br>Укрметртестстандарт   |
| 26 | International comparisons of national measurement standards of the unit of refractive index                                 | PR            | Supplementary | 438/RU/08         | COOMET.PR-S3   | L 6.7.1        | 2010          | ВНИИОФИ<br>Хлевой Б.<br>Россия, 119361 Москва<br>ул. Озерная, 46<br>Phone: +7 495 437 29 88<br>Fax: +7 495 437 29 88<br>E-mail: <a href="mailto:khlevnoy-m4@vniiofi.ru">khlevnoy-m4@vniiofi.ru</a> | VNIOFI Russia<br>PTB Germany<br>KazInMetr Kazakhstan<br>SMU Slovakia<br>Ukrmetrteststandard<br>Ukraine<br>INRIM Italy<br>AIST Japan |
| 27 | Comparisons of measurement standards of the unit of laser power (0.532, 10,6 microns)                                       | PR            | Supplementary | 461/RU/09         | COOMET.PR-S4   | 2.4.0          | 2009          | ВНИИОФИ<br>Либерман А<br>Россия, 119361 Москва<br>ул. Озерная, 46<br>Phone: +7 495 437 34 47<br>Fax: +7 495 437 34 47<br>E-mail: <a href="mailto:liber-f2@vniiofi.ru">liber-f2@vniiofi.ru</a>      | VNIOFI Russia<br>PTB Germany  |
| 28 | Comparisons of measurement standards of the units of spectral regular transmittance in the (250 to 900) nm wavelength range | PR            | Supplementary | 429/CU-a/08       | COOMET.PR-S5   | 4.1.1          | 2009          | INIMET<br>С.Вальдес<br>ул. Консуладо 206, Гавана, Куба<br>Тел. 537 8639063<br>Факс: 537 8676966<br><a href="mailto:sandra@inimet.cu">sandra@inimet.cu</a>  | INIMET Куба<br>VNIOFI Russia<br>INIMETRO Бразилия   |

| №  | Name  | Subject field | Type | COOMET project No | KCDB reference                     | CMCs supported | Date of start | NMI- pilot, contact person   | Participants  |
|----|---|---------------|------|-------------------|------------------------------------|----------------|---------------|--|---|
| 1  | 2   | 3             | 4    | 5                 | 6                                  | 7              | 8             | 9  | 10  |
| 29 | Comparisons in the field of the multiples and submultiples of the kilogram measurements | M             | Key  | 258/RU/02         | COOMET.M.M-K5                      |                | 2009          | VNIIM<br>V.Snegov<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>phone. +7 812 323 96 71<br>fax. +7 812 323 96 71<br><a href="mailto:n.g.domostroeve@vniim.ru">n.g.domostroeve@vniim.ru</a> | NSC IM Ukraine<br>BelGIM Belarus<br>KazInMetr Kazakhstan                    |
| 30 | Comparisons of Vickers Hardness Scales  | M             | Key  | 303/DE/04         | COOMET.M.H-K1.b<br>COOMET.M.H-K1.c | 7.1.1          | 2004          | PTB<br>K.Hermann<br>Bundesallee 100<br>D-38116 Braunschweig, Germany<br>Phone: +49 (0) 531 592 5140<br>Fax: +49 (0) 531 592 5105<br><a href="mailto:konrad.hermann@ptb.de">konrad.hermann@ptb.de</a>       | PTB Germany<br>VNIIFTRI Russia  |
| 31 | Key comparison of Vickers hardness scales   | M             | Key  | 341/RU/05         | COOMET.M.H-K1                      | 7.1.1          | 2006          | VNIIFTRI<br>E.Aslyan<br>Mendeleev, Moscow region<br>141570<br>Russia<br>Phone: +7 495 7448181<br>Fax: +7 495 7448181<br><a href="mailto:Edward.alanyan@vniiftri.ru">Edward.alanyan@vniiftri.ru</a>         | VNIIFTRI Russia<br>BelGIM Belarus<br>NSC IM Ukraine<br>KazInMetr Kazakhstan |
| 32 | Key comparison of Brinell hardness scales   | M             | Key  | 341/RU/05         | COOMET.M.H-K2                      | 7.1.1          | 2006          | VNIIFTRI<br>E.Aslyan<br>Mendeleev, Moscow region<br>141570<br>Russia<br>Phone: +7 495 7448181<br>Fax: +7 495 7448181<br><a href="mailto:Edward.alanyan@vniiftri.ru">Edward.alanyan@vniiftri.ru</a>         | VNIIFTRI Russia<br>BelGIM Belarus<br>NSC IM Ukraine<br>KazInMetr Kazakhstan |

| №  | Name  | Subject field | Type                      | COOMET project No | KCDB reference     | CMCs supported | Date of start | NMI- pilot, contact person  | Participants   |
|----|---|---------------|---------------------------|-------------------|--------------------|----------------|---------------|---|--|
| 1  | 2   | 3             | 4                         | 5                 | 6                  | 7              | 8             | 9   | 10   |
| 33 | International Comparisons of the National Pressure Standards in the Field of Gauge Pressure in the range (10 - 100) MPa | M             | Key                       | 331/LT/05         | COOMET.<br>M.P-K2  | 3.2.1          | 2006          | VMC<br>K.Dapkeviciene<br>S.Darius and S.Gireno, 23,<br>LT-02189,<br>Lithuania<br>Phone. +370 5 230 6276<br>Fax +370 5 230 63 64<br><a href="mailto:pressure@vmc.lt">pressure@vmc.lt</a>                 | VNIIM Russia<br>BelGIM Belarus<br>PTB Germany<br>VMT Lithuania<br>SMU Slovakia<br>NSC IM Ukraine<br>NPL UK |
| 34 | Comparison of national pressure standards in the range 100 Pa to 5 kPa of gauge pressure                                | M             | Key                       | 444/DE/08         | COOMET.M.P-<br>K14 | 3.2.1          | 2008          | PTB<br>Hrendt H.<br>Bundesallee 100<br>D-38116 Braunschweig, Germany<br>Тел.: +49 531 592 3170<br>Факс: +49 531 592 3209<br><a href="mailto:helga.ahrendt@ptb.de">helga.ahrendt@ptb.de</a>              | PTB Germany<br>VNIIM Russia<br>VMT Lithuania<br>CMI Check Republic   |
| 35 | Comparisons in the field of force measurements  | M             | Supplementary             | 259/RU/02         | COOMET.M.F-<br>S1  |                | 2009          | VNIIM<br>S.Semenov<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>Phone. + 812) 323 96 28<br>Fax. +7 812 323 96 28<br><a href="mailto:A.F.Ostrivnoy@vniim.ru">A.F.Ostrivnoy@vniim.ru</a> | VNIIM Russia<br>Ukrmetrteststandard<br>Ukraine   |
| 36 | COOMET comparisons in force measurements  | M             | subsequent<br>(bilateral) | 515/RU/11         |                    |                | 2011          | PTB,<br>Falk.L.Tegtmeier,<br><a href="mailto:Falk.L.Tegtmeier@ptb.de">Falk.L.Tegtmeier@ptb.de</a>   | SE "Ukrmetrtest standart"<br>Ukraine   |



| №  | Name  | Subject field | Type  | COOMET project No | KCDB reference | CMCs supported | Date of start | NMI- pilot, contact person  | Participants  |
|----|---|---------------|-------|-------------------|----------------|----------------|---------------|---|---|
| 1  | 2   | 3             | 4     | 5                 | 6              | 7              | 8             | 9   | 10  |
| 37 | Comparisons in the field of electrical conductivity measurements  | QM            | Pilot | 361/RU/06         | -              | -              | 2007          | VNIIM<br>Konopelko L.A.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>phone:(7-812) 315 11 45<br>fax: (7-812) 327 97 76<br><a href="mailto:lkonop@b10.vniim.ru">lkonop@b10.vniim.ru</a> | VNIIM Russia<br>VNIIFTRI Russia<br>Ukrmetrteststandast<br>Ukraine<br>BelGIM Belarus<br>SMU Slovakia |
| 38 | Pilot comparisons "Determination of gene-modified objects in food"  | QM            | Pilot | 375/RU/06         | -              | -              | January2007   | VNIIM<br>Konopelko L.A.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>phone:(7-812) 315 11 45<br>fax: (7-812) 327 97 76<br><a href="mailto:lkonop@b10.vniim.ru">lkonop@b10.vniim.ru</a> | VNIIM Russia<br>RAS Institute of Cytology<br>Russia   |
| 39 | Pilot comparisons in the field of aerosol particles mass concentration measurements                                       | QM            | Pilot | 435/RU/08         | -              | 4.6            | 2010          | VNIIM<br>Konopelko L.A.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>phone:(7-812) 315 11 45<br>fax: (7-812) 327 97 76<br><a href="mailto:lkonop@b10.vniim.ru">lkonop@b10.vniim.ru</a> | VNIIM Russia<br>VNIIFTRI Russia   |
| 40 | Key comparisons of primary standards of concentration of components in gas media - NO in Nitrogen (100 and 1000 µmol/mol) | QM            | Key   | 483/RU/09         | -              | 4.2,<br>4.6    | 2010          | VNIIM<br>Konopelko L.A.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>phone:(7-812) 315 11 45<br>fax: (7-812) 327 97 76<br><a href="mailto:lkonop@b10.vniim.ru">lkonop@b10.vniim.ru</a> | VNIIM Russia<br>Ukrmetrteststandast<br>Ukraine<br>BelGIM Belarus<br>(the list is being formed)      |

| №  | Name   | Subject field | Type          | COOMET project No | KCDB reference                   | CMCs supported                     | Date of start | NMI- pilot, contact person  | Participants   |
|----|--|---------------|---------------|-------------------|----------------------------------|------------------------------------|---------------|---|--|
| 1  | 2  | 3             | 4             | 5                 | 6                                | 7                                  | 8             | 9   | 10   |
| 41 | Key comparisons of primary standards of concentration of components in gas media - SO <sub>2</sub> in Nitrogen (100 and 1000 µmol/mol) | QM            | Key           | 484/RU/09         | -                                | 4.2,<br>4.6                        | 2010          | VNIIM<br>Konopelko L.A.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>phone:(7-812) 315 11 45<br>fax: (7-812) 327 97 76<br><a href="mailto:lkonop@b10.vniim.ru">lkonop@b10.vniim.ru</a> | VNIIM Russia<br>Ukrmetrteststandast<br>Ukraine<br>BelGIM Belarus<br>(the list is being formed) |
| 42 | Bilateral comparison: Determination of fullerenes C60 and C70 mass fraction in fullerene concentrate                                   | QM            | Pilot         | 493/RU/10         | -                                | 15.2                               | 2010          | VNIIM<br>Konopelko L.A.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>phone:(7-812) 315 11 45<br>fax: (7-812) 327 97 76<br><a href="mailto:lkonop@b10.vniim.ru">lkonop@b10.vniim.ru</a> | VNIIM Russia<br>BAM Germany  |
| 43 | Comparison measurements of radionuclide volume sources (Sr/Y-90)   | RI            | Supplementary | 319/Ru/04         | COOMET.<br>RI(II)-S2.<br>Sr/Y-90 | 2.2.4.1-Sr/Y-90<br>2.2.4.2-Sr/Y-90 | 2005          | VNIIFTRI<br>Korostin S.<br>Mendeleevo, Moscow region<br>141570<br>Russia<br>Phone: (095) 535 93 05<br>Fax: (095) 744 81 75<br><a href="mailto:ir@vniiftri.ru">ir@vniiftri.ru</a>                        | VNIIFTRI Russia<br>NSC IM Ukraine<br>PTB Germany<br>MoE-ISR Israel                             |
| 44 | Standardization of Eu-152 radionuclide solution  | RI            | Key           | 423/RU/08         | COOMET.RI(II)-<br>K2.Eu-152      | 2.2.3.1-Eu-152                     | 2009          | VNIIM<br>I.Kharitonov<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>Phone. +7 812 323 96 11<br>Fax. +7 812 323 96 17<br><a href="mailto:khia@vniim.ru">khia@vniim.ru</a>                | VNIIM Russia<br>BelGIM Belarus<br>CENTIS-DMR Cuba  |

## COMPLETED COMPARISONS

| № | Name   | Subject field | Type  | COOMET project No | KCDB reference      | CMCs supported                                 | Date of start | NMI- pilot, contact person   | Participants   | Comments          |
|---|--|---------------|-------|-------------------|---------------------|--|---------------|--|--|-------------------|
| 1 | 2  | 3             | 4     | 5                 | 6                   | 7  | 8             | 9  | 10   | 11                |
| 1 | Comparison for the primary method of pressure calibration laboratory standard microphones in the range of frequencies from 20 Hz to 20 kHz | AUV           | key   | 323/UA/04         | COOMET.<br>AUV.A-K3 | 1.1.1; 2.1.1;<br>2.2.1; 3.1.1;<br>3.1.2; 4.1.1 | 2005          | DPLA<br>K. Rasmussen<br>Department of Acoustic Technology<br>Oersted's Plads<br>Bldg. 352, DTU<br>DK-2800 Kgs. Lyngby, Denmark<br>Phone: + 45 45 25 39 37<br>Fax: + 45 45 88 05 77<br>E-mail: <a href="mailto:kr@oersted.dtu.dk">kr@oersted.dtu.dk</a> | DPLA Denmark<br>Systema Ukraine<br>GUMPoland<br>VNIIFTRI Russia<br>INM Romania | Completed<br>2007 |
| 2 | Bilateral comparison by method of pressure calibration of microphones type WS1 and WS2 using electrostatic actuator method                 | AUV           | Pilot | 337/BY/05         | -                   | 1.1.1  | 2005          | BelGIM<br>Pozdeeva V.<br>93, Starovilensky trakt, Minsk,<br>220053, Belarus<br>phone. +375 17 288 07 35<br>fax: . +375 17 288 09 38<br><a href="mailto:vpozdeeva@belgim.belpak.minsk.by">vpozdeeva@belgim.belpak.minsk.by</a>                          | VNIIFTRI Russia<br>BelGIM Belarus  | Completed<br>2006 |
| 3 | Bilateral comparison of the air pressure National standards by method voltage  | AUV           | Pilot | 369/BY/05         | -                   | 1.1.1  | 2005          | BelGIM<br>Pozdeeva V.<br>93, Starovilensky trakt, Minsk,<br>220053, Belarus<br>phone. +375 17 288 07 35<br>fax: . +375 17 288 09 38<br><a href="mailto:vpozdeeva@belgim.belpak.minsk.by">vpozdeeva@belgim.belpak.minsk.by</a>                          | VNIIFTRI Russia<br>BelGIM Belarus  | Completed<br>2006 |
| 4 | Comparisons of the sound pressure standards in water in the low frequency and infrasound range (2 kHz to 4 kHz)                            | AUV           | Pilot | 405/RU/07         |                     | Is absent in the classifier                    | 2007          | VNIIFTRI<br>A.Isaev<br>Moscow region 141570<br>Russia<br>Phone: +7 (495) 535-93-13<br>Fax : +7 (495) 535-93-13<br><a href="mailto:enyakov@vniiftri.ru">enyakov@vniiftri.ru</a>   | VNIIFTRI Russia<br>Systema Ukraine   | Completed<br>2008 |
| 5 | Comparison of the National standards of air acoustic pressure in low-frequency range 2 Hz to 125 Hz  | AUV           | Pilot | 392/UA/07         |                     | 1.1.1, 3.1.1,<br>3.1.1                         | 2007          | Systema<br>V.Chaliy<br>79008, Lvov, Krivonos st., 6 Ukraine<br>Phone: +38 032 239 92 23<br>Fax: +38 032 274 21 49<br><a href="mailto:v-chalyy@dndi-systema.lviv.ua">v-chalyy@dndi-systema.lviv.ua</a>  | Systema Ukraine<br>VNIIFTRI Russia   | Completed<br>2008 |

| №  | Name  | Subject field | Type  | COOMET project No | KCDB reference        | CMCs supported   | Date of start | NMI- pilot, contact person  | Participants  | Comments  |
|----|---|---------------|-------|-------------------|-----------------------|--|---------------|---|---|---|
| 1  | 2   | 3             | 4     | 5                 | 6                     | 7  | 8             | 9   | 10  | 11  |
| 6  | Comparison of primary calibrations of microphones according to in the frequency range from 63 Hz to 10 kHz                  | AUV           | Key   | 226/DE/01         | COOMET.<br>AUV.A-K1   | 1.1.1; 2.1.1;<br>3.1.1; 2.2.1;<br>3.1.2; 4.1.1;<br>6.1.1 | 2002          | PTB,<br>T.Fedtke<br>PTB, 19Lab 1.41 Bundesallee 100<br>D-38116 Braunschweig, Germany<br>Phone: +49 (0) 531 592 1511<br>Fax: +49 (0) 531 592 69 1511<br><a href="mailto:thomas.fedtke@ptb.de">thomas.fedtke@ptb.de</a>                       | PTB Germany<br>GUM Poland<br>VNIIFTRI Russia<br>SMU Slovakia<br>UME Turkey<br>Systema Ukraine | Completed<br>2009<br>Metrologia,<br>2009, <b>46</b> ,<br>Tech. Suppl.,<br>09004 |
| 7  | Bilateral Comparison of primary calibrations of microphones according to in the frequency range from 63 Hz to 10 kHz        | AUV           | Key   | 316/UA/04         | COOMET.<br>AUV.A-K1.1 | 1.1.1; 2.1.1;<br>3.1.1; 2.2.1;<br>3.1.2; 4.1.1;<br>6.1.1 | 2004          | PTB,<br>T.Fedtke<br>PTB, 19Lab 1.41 Bundesallee 100<br>D-38116 Braunschweig, Germany<br>Phone: +49 (0) 531 592 1511<br>Fax: +49 (0) 531 592 69 1511 E-mail:<br><a href="mailto:thomas.fedtke@ptb.de">thomas.fedtke@ptb.de</a>               | PTB Germany<br>Systema Ukraine<br>INM Romania   | Completed<br>2009<br>Metrologia,<br>2009, <b>46</b> ,<br>Tech. Suppl.,<br>09005 |
| 8  | Comparison of longitudinal ultrasonic wave propagation velocity in solid media  | AUV           | Pilot | 448/RU/08         | -                     | Отсутствуют в кодификаторе                               | 2008          | Far East Dep. of VNIIFTRI<br>Lugovoy V. A.<br>65, Karl-Marx st., Khabarovsk, 680<br>000, Russia<br>phone: +7 4212 30 17 62,<br>+7 (4212) 32-92-66 ,<br>fax: 8 (4212) 32-92-66<br><a href="mailto:lugovoy@dst.khv.ru">lugovoy@dst.khv.ru</a> | VNIIFTRI Russia<br>BelGIM Belarus   |   |
| 9  | The comparison of the measurement standards of the pressure unit in air at low frequency range                              | AUV           | Key   | 431/UA-a/08       | COOMET.<br>AUV.A.K-2  | 1.1.1  | 2009          | Systema<br>V.Chaliy<br>79008, Lvov, Krivonos st., 6 Ukraine<br>Phone: +38 032 239 92 23<br>Fax: +38 032 274 21 49<br><a href="mailto:v-chalyy@dndi-systema.lviv.ua">v-chalyy@dndi-systema.lviv.ua</a>                                       | Systema Ukraine<br>VNIIFTRI Russia  |   |
| 10 | Pilot study of the sound pressure standards in water (for free-field calibration) in the frequency range 250 Hz to 200 kHz. | AUV           | Pilot | 473/RU-a/09       | -                     | 12.1.1   | 2009          | Hangzhou Applied Acoustics<br>Research Institute (HAARI)<br>Wang Yuebing<br>г. Фуянь, Китай<br>Тел. +86 5716 333 24 74<br><a href="mailto:wang.yuebing@163.com">wang.yuebing@163.com</a>  | VNIIFTRI Russia<br>HAARI China  |   |

| №  | Name   | Subject field | Type          | COOMET project No | KCDB reference           | CMCs supported | Date of start | NMI- pilot, contact person  | Participants   | Comments  |
|----|--|---------------|---------------|-------------------|--------------------------|----------------|---------------|---|--|---|
| 1  | 2  | 3             | 4             | 5                 | 6                        | 7              | 8             | 9   | 10   | 11  |
| 11 | Comparison of national measurement standards of Volt of Russia and Belarus on stabiltrons (voltage-reference diode) by using transfer standards  | EM            | Key           | 342/BY/05         | COOMET.EM.<br>BIPM-K11.a |                | 2006          | VNIIM<br>A.Katkov<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>Phone +7 812 3239619<br>Fax +7 812 1130114<br><a href="mailto:a.s.katkov@vniim.ru">a.s.katkov@vniim.ru</a>              | VNIIM Russia<br>BelGIM Belarus   | Completed<br>2006   |
| 12 | Performance of comparison measurements of testing standard equipment working in the gas flowrate range:<br>A) (0,06 - 10) m <sup>3</sup> .h <sup>-1</sup><br>B) (100 - 1000) m <sup>3</sup> .h <sup>-1</sup> | F             | Supplementary | 219/SK-a/00       | COOMET.M.F<br>F-S1       | 9.2.1          | 2006          | SMU<br>Makovník Štefan,<br>Karloveská 63,<br>842 55 Bratislava, SLOVAKIA,<br>Tel: + 421 2 6029 4337,<br>Fax: + 421 2 6029 4332,<br>E-mail: <a href="mailto:makovnik@smu.gov.sk">makovnik@smu.gov.sk</a> | SMU Slovakia<br>PTB Germany<br>LEI, Lithuania<br>BelGIM Belarus<br>VNIIR Russia<br>Ivano-Frankovsk<br>standardmetrology<br>Ukraine<br>NISM Moldova | Draft B in<br>progress  |
| 13 | Comparisons of the internal ring diameters standards   | L             | Supplementary | 181/RU-a/99       | -                        | 2.4.2          | 2000          | VNIIM<br>Abramova L.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>Phone/Fax 323-96-69<br><a href="mailto:L.Ju.Abramova@vniim.ru">L.Ju.Abramova@vniim.ru</a>                            | VNIIM Russia<br>NSC IM Ukraine<br>BelGIM Belarus<br>Ukrmetteststandast<br>Ukraine  | Completed<br>2006<br>Measurement<br>Technique,<br>1, 2006, p.65 |
| 14 | Pressure measurements in gas (gauge mode)  | M             | Key           | 294/RU/03         | COOMET.M.P-<br>K1        | 3.2.1          | 2004          | VNIIM<br>Kiselev Yu.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>Phone/fax +7 812 323 96 29<br><a href="mailto:v.n.gorobey@vniim.ru">v.n.gorobey@vniim.ru</a>                         | VNIIM Russia<br>SMU Slovakia<br>PTB Germany<br>VMT Lithuania<br>BelGIM Belarus<br>INM(RO) Romania  | Completed<br>2008   |

| №  | Name  | Subject field | Type          | COOMET project No | KCDB reference    | CMCs supported          | Date of start | NMI- pilot, contact person  | Participants  | Comments          |
|----|---|---------------|---------------|-------------------|-------------------|-------------------------|---------------|---|---|-------------------|
| 1  | 2   | 3             | 4             | 5                 | 6                 | 7                       | 8             | 9   | 10  | 11                |
| 15 | Viscosity measurements of standard liquids                                  | M             | Key           | 333/RU/05         | COOMET.M.V<br>-K1 | 6.1.1<br>6.2.1<br>6.3.1 | 2005          | VNIIM<br>N.Domostroeve<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>phone. +7 812 323 96 71<br>fax. +7 812 323 96 71<br><a href="mailto:n.g.domostroeve@vniim.ru">n.g.domostroeve@vniim.ru</a> | VNIIM Russia<br>BelGIM Belarus<br>NSC IM Ukraine<br>NCM Bulgaria  | Completed<br>2008 |
| 16 | Intercomparison in the field of Rockwell and Super-Rockwell hardness scales | M             | Supplementary | 371/KZ/06         | COOMET.M.H<br>-S1 | 7.1.1                   | 2007          | PTB<br>K.Herrmann<br>Bundesallee 100<br>D-38116 Braunschweig, Germany<br>Phone: +49 (0) 531 592 5140<br>Fax: +49 (0) 531 592 5105<br><a href="mailto:konrad.herrmann@ptb.de">konrad.herrmann@ptb.de</a>         | PTB Germany<br>KazInMetr Kazakhstan   | Completed<br>2009 |
| 17 | Comparison of mass standards (1 kg)   | M             | Key           | 257/SK/02         | COOMET.M.M<br>-K1 | 1.1.1                   | 2002          | SMU<br>R. R.Spurny<br>Karlovská 63<br>842 55 Bratislava, Slovakia (Slovak<br>Republic)<br>Phone: +421 260 294 350<br>Fax: +421 265 429 592<br><a href="mailto:spurny@smu.gov.sk">spurny@smu.gov.sk</a>          | SMU Slovakia<br>PTB Germany<br>GUM Poland<br>VNIIM Russia<br>VMT Lithuania<br>NSC IM Ukraine<br>PTB Germany | Completed<br>2010 |

| №  | Name   | Subject field | Type          | COOMET project No | KCDB reference | CMCs supported | Date of start | NMI- pilot, contact person  | Participants   | Comments  |
|----|--|---------------|---------------|-------------------|----------------|----------------|---------------|---|--|---|
| 1  | 2  | 3             | 4             | 5                 | 6              | 7              | 8             | 9   | 10   | 11  |
| 18 | Comparisons of national standards of the units of luminous intensity and illumination  | PR            | Supplementary | 291/BY/03         | -              | 1.4.1          | 2003          | BelGIM<br>Tarasova O.<br>93, Starovilensky trakt, Minsk,<br>220053, Belarus<br>phone. 234-98-20<br>fax: 2880938<br><a href="mailto:optic@belgim.belpak.minsk.by">optic@belgim.belpak.minsk.by</a> | BelGIM Belarus<br>NSC IM Ukraine                                   | Completed<br>2004<br><br>References<br>“Metrologia<br>and device<br>design”<br>BelGIM<br>proceedings,<br>Abstracts of<br>14<br>conference<br>“Photometry<br>and its<br>metrology<br>supporting) |
| 19 | Comparisons of Reference materials of paper against whiteness characteristic   | PR            | Pilot         | 296/BY/03         | -              | no             | 2004          | BelGIM<br>Tarasova O.<br>93, Starovilensky trakt, Minsk,<br>220053, Belarus<br>phone. 234-98-20<br>fax: 2880938<br><a href="mailto:optic@belgim.belpak.minsk.by">optic@belgim.belpak.minsk.by</a> | BelGIM Belarus<br>VNIIOFI Russia<br>Ukrmetrteststandast<br>Ukraine |   |
| 20 | Comparisons of standards of spectral coefficients of directional transmission in ultra-violet (UV) and visible (VIS) spectrum range. | PR            | Supplementary | 269/BY/03         | -              | 4.1.1          | 2003          | BelGIM<br>Tarasova O.<br>93, Starovilensky trakt, Minsk,<br>220053, Belarus<br>phone. 234-98-20<br>fax: 2880938<br><a href="mailto:optic@belgim.belpak.minsk.by">optic@belgim.belpak.minsk.by</a> | BelGIM Belarus<br>VNIIOFI Russia<br>Ukrmetrteststandast<br>Ukraine |   |

| №  | Name  | Subject field | Type  | COOMET project No | KCDB reference | CMCs supported | Date of start | NMI- pilot, contact person  | Participants   | Comments          |
|----|---|---------------|-------|-------------------|----------------|----------------|---------------|---|--|-------------------|
| 1  | 2   | 3             | 4     | 5                 | 6              | 7              | 8             | 9   | 10   | 11                |
| 21 | International comparisons of standards reference materials - gas mixtures, containing CO <sub>2</sub> , CO, C <sub>3</sub> H <sub>8</sub> in nitrogen (automobile gases)                                | QM            | Key   | 312/Ru/04         | COOMET. QM-K3  | 4.2            | 2004          | VNIIM<br>Konopelko L.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>phone:(7-812) 315 11 45<br>fax: (7-812) 327 97 76<br><a href="mailto:lkonop@mail.rcom.ru">lkonop@mail.rcom.ru</a> | VNIIM Russia<br>Ukrmetrteststandast<br>Ukraine<br>BelGIM Belarus<br>PTB Germany  | Completed<br>2007 |
| 22 | Pilot comparisons in the field of humidity mass fraction measurements in cereal grain and cereal products   | QM            | Pilot | 379/RU/06         | -              | 11.4           | May<br>2007   | UNIIM<br>V.I.Koryakov<br>4, Krasnoarmeiskaya ul.,<br>Ekaterinburg, 620000, Russia<br>phone: +7 8.343 350 16 98<br>fax: +7.343 350 25 43<br><a href="mailto:korukov@uniim.ru">korukov@uniim.ru</a>     | UNIIM Russia<br>Ukrmetrteststandast<br>Ukraine<br>BelGIM Belarus<br>PTB Germany  | Completed<br>2008 |
| 23 | Pilot comparisons in the field of moisture mass fraction measurements in barley cereal grain  | QM            | Pilot | 436/RU/08         | -              | 11.4           | 2009          | UNIIM<br>V.I.Koryakov<br>4, Krasnoarmeiskaya ul.,<br>Ekaterinburg, 620000, Russia<br>phone: +7 8.343 350 16 98<br>fax: +7.343 350 25 43<br><a href="mailto:korukov@uniim.ru">korukov@uniim.ru</a>     | UNIIM Russia<br>Ukrmetrteststandast<br>Ukraine<br>BelGIM Belarus<br>PTB Germany<br>SM Chemistry and<br>Material technology<br>Sweden<br>KazInMetr Kazakhstan | Completed<br>2009 |
| 24 | Comparisons of phosphate potassium (KH <sub>2</sub> PO <sub>4</sub> ) and phosphate sodium (Na <sub>2</sub> HPO <sub>4</sub> )reference buffer aqua solutions at the temperatures 15°C, 25°C, and 37°C. | QM            | Pilot | 322/Ru/04         | -              | 6              | 2005          | VNIIFTRI<br>Karpov O.<br>Mendeleevo, Moscow region<br>141570<br>Russia<br>Phone: (095) 535 08 62<br>Fax: (095) 534 00 84<br><a href="mailto:mera@vniiftri.ru">mera@vniiftri.ru</a>                    | VNIIFTRI Russia<br>BelGIM Belarus<br>SMU Slovakia  | Completed<br>2007 |



| №  | Name   | Subject field | Type          | COOMET project No | KCDB reference  | CMCs supported                  | Date of start | NMI- pilot, contact person  | Participants  | Comments  |
|----|--|---------------|---------------|-------------------|-----------------|---------------------------------|---------------|---|---|---|
| 1  | 2  | 3             | 4             | 5                 | 6               | 7                               | 8             | 9   | 10  | 11  |
| 25 | Pilot comparisons in the field of measuring particle sizes                           | QM            | Pilot         | 378/RU/06         | -               | 4.6                             | May 2007      | VNIIM<br>Konopelko L.A.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>phone:(7-812) 315 11 45<br>fax: (7-812) 327 97 76<br><a href="mailto:lkonop@b10.vniim.ru">lkonop@b10.vniim.ru</a> | VNIIMRussia<br>VNIIFTRI Russia  | Completed 2007  |
| 26 | Key comparisons of standard natural gas samples                                      | QM            | Key           | 400/RU/07         | COOMET.QM-K23.b | 4.2-02, 4.2-03, 4.2-74, 4.2-76. | 2007          | VNIIM<br>Konopelko L.A.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>phone:(7-812) 315 11 45<br>fax: (7-812) 327 97 76<br><a href="mailto:lkonop@b10.vniim.ru">lkonop@b10.vniim.ru</a> | VNIIM Russia<br>Ukrmetrteststandart<br>Ukraine<br>BelGIM Belarus<br>CMI Czech Republic<br>SMU Slovakia<br>BAM Germany | Completed 2010  |
| 27 | Key comparisons of standard samples of CO gas mixtures in Nitrogen (10 and 1000 ppm) | QM            | Key           | 401/RU/07         | COOMET.QM-K1.a  | 4.3-01, 4.3-03, 4.3-04, 4.3-06. | 2007          | VNIIM<br>Konopelko L.A.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>phone:(7-812) 315 11 45<br>fax: (7-812) 327 97 76<br><a href="mailto:lkonop@b10.vniim.ru">lkonop@b10.vniim.ru</a> | VNIIM Russia<br>Ukrmetrteststandart<br>Ukraine<br>BelGIM Belarus<br>BAM Germany                                       | Completed 2010  |
| 28 | The additional comparison of pH working standards                                    | QM            | Supplementary | 421/RU/08         | ?               | 6                               | 2008          | VNIIFTRI<br>O.V. Karlov<br>Mendeleevo, Moscow region<br>141570<br>Russia<br>phone:(+7 495 744 81 77<br>fax: +7 495 744 81 77<br><a href="mailto:mera@vniiftri.ru">mera@vniiftri.ru</a>                  | VNIIFTRI Russia<br>Ukrmetrteststandart<br>Ukraine<br>BelGIM Belarus<br>KazInMetr Kazkhstan<br>НИСМ Киргизия           | Completed 2009 г.<br>Measurement technique , No1, 2010. |

| №  | Name  | Subject field | Type          | COOMET project No | KCDB reference                  | CMCs supported | Date of start | NMI- pilot, contact person  | Participants   | Comments          |
|----|---|---------------|---------------|-------------------|---------------------------------|----------------|---------------|---|--|-------------------|
| 1  | 2   | 3             | 4             | 5                 | 6                               | 7              | 8             | 9   | 10   | 11                |
| 29 | Activity concentration of the same Am-241 solution  | RI            | Key           | 359/RU/06         | COOMET.RI(II)-K2.Am-241         | 2.2.3.1-Am-241 | 2006          | VNIIM<br>I.Kharitonov<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>Phone. +7 812 323 96 11<br>Fax. +7 812 323 96 17<br><a href="mailto:khia@vniim.ru">khia@vniim.ru</a>                            | VNIIM Russia<br>BelGIM Belarus<br>CENTIS-DMR Cuba  | Completed<br>2007 |
| 30 | Standardization of Cs-137 radionuclide solution   | RI            | Key           | 386/RU/07         | COOMET.RI(II)-k2.Cs-137         | 2.2.3.1-Cs-137 | 2007          | VNIIM<br>I.Kharitonov<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>Phone. +7 812 323 96 11<br>Fax. +7 812 323 96 17<br><a href="mailto:khia@vniim.ru">khia@vniim.ru</a>                            | VNIIM Russia<br>BelGIM Belarus<br>CENTIS-DMR Cuba  | Completed<br>2008 |
| 31 | Comparisons of Rn-222 volume activity primary standard  | RI            | Supplementary | 169/UA/98         | COOMET.<br>RI(II)-S1.Rn-222     | 2.4.2.1-Rn-222 | 2005          | NSC IM<br>Sklyarov V.<br>61002, Kharkov,<br>Mironositskaya St.,<br>Phone. +38-067-970-21-31<br>Fax: +38-057-700-34-47<br><a href="mailto:svv@metrology.kharkov.ua">svv@metrology.kharkov.ua</a>                     | NSC IM Ukraine<br>VNIIFTRI Russia<br>BelGIM Belarus<br>VNIIM Russia<br>RMTC Latvia<br>PTB Germany  | Completed<br>2009 |
| 32 | Regional Key Comparison of National Measurement Standards of Air Kerma for Co-60 Gamma-Radiation Energy | RI            | Key           | 318/Ru/04         | COOMET.<br>RI(I)-K1             | 1.7.7          | 2006          | PTB,<br>L.Bueermann<br>PTB, 19Lab 1.41 Bundesallee 100<br>D-38116 Braunschweig, Germany<br>Phone: +49 531 592 6620<br>FAX: +49 531 592 6015<br><a href="mailto:ludwig.bueermann@ptb.de">ludwig.bueermann@ptb.de</a> | PTB Germany<br>VNIIM Russia<br>BelGIM Belarus<br>SMU Slovakia<br>RMTC Latvia<br>CPHR Cuba  | Completed<br>2009 |
| 33 | Comparison measurements of radionuclide volume sources (Cs-137)   | RI            | Supplementary | 319/Ru/04         | COOMET.<br>RI(II)-S2.<br>Cs-137 | 2.2.4.2-Cs-137 | 2005          | VNIIFTRI<br>Korostin S.<br>Mendeleev, Moscow region<br>141570<br>Russia<br>Phone: (095) 535 93 05<br>Fax: (095) 744 81 75<br><a href="mailto:ir@vniiftri.ru">ir@vniiftri.ru</a>                                     | VNIIFTRI Russia<br>BelGIM Belarus<br>NSC IM Ukraine<br>NCM Bulgaria<br>CENTIS-DMR Cuba<br>SMU Slovakia<br>PTB Germany<br>RMTC Latvia<br>MoE-ISR Israel | Completed<br>2010 |

| №  | Name  | Subject field | Type          | COOMET project No       | KCDB reference            | CMCs supported                         | Date of start | NMI- pilot, contact person  | Participants   | Comments       |
|----|---|---------------|---------------|-------------------------|---------------------------|--|---------------|---|--|----------------|
| 1  | 2   | 3             | 4             | 5                       | 6                         | 7                                      | 8             | 9   | 10   | 11             |
| 34 | Comparison measurements of radionuclide volume sources (Eu-152)                   | RI            | Supplementary | 319/Ru/04               | COOMET. RI(II)-S2. Eu-152 | 2.2.4.1-Eu-152                         | 2005          | VNIIFTRI<br>Korostin S.<br>Mendeleevo, Moscow region<br>141570<br>Russia<br>Phone: (095) 535 93 05<br>Fax: (095) 744 81 75<br><a href="mailto:ir@vniiftri.ru">ir@vniiftri.ru</a>                  | VNIIFTRI Russia<br>BelGIM Belarus<br>NSC IM Ukraine<br>NCM Bulgaria<br>CENTIS-DMR CUba<br>SMU Slovakia<br>PTB Germany<br>RMTC Latvia<br>MoE-ISR Israel | Completed 2010 |
| 35 | Comparison of ITS-90 realizations by partners in the range 234,3156 to 429,7485 K | T             | Key           | 227/RU/01,<br>229/UA/01 | COOMET.T.-K3              | 1.1.1,<br>1.3.1,1.3.2,<br>2.2.2, 2.3.1 | 2001          | VNIIM<br>Pokhodun A.<br>19 Moskovsky av, 190005,<br>Saint-Petersburg,<br>Russia<br>Phone/Fax 107 812 315 5207<br><a href="mailto:A.I.Pokhodun@vniim.ru">A.I.Pokhodun@vniim.ru</a>                 | VNIIM Russia<br>NSC IM Ukraine<br>BelGIM Belarus<br>SMU Slovakia<br>INIMET Cuba  | Completed 2008 |
| 36 | Comparison of the standards of solids specific heat                               | T             | Supplementary | 310/UA-a/04             |                           | No                                     | 2006          | NSC IM<br>Slipushenko V.P.<br>61002, Kharkov,<br>Mironositskaya St.,<br>Phone: 38 057 704 98 06<br>Fax:38 057 700 34 47<br><a href="mailto:vsl@metrology.Kharkov.ua">vsl@metrology.Kharkov.ua</a> | NSC IM Ukraine<br>UNNIM Russia   | Completed 2008 |