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|  |  | E  TWC/31/28 Rev.  **ORIGINAL:**  English  DATE:  May 27, 2013 |
| INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS | | |
| Geneva | | |

Technical working party on automation and computer programs

Thirty-First Session  
Seoul, Republic of Korea, June 4 to 7, 2013

UPDATED SURVEY ON HAND-HELD DATA CAPTURE DEVICES

Document prepared by the Office of the Union

The Technical Working Party on Automation and Computer Programs (TWC), at its thirtieth session, held in Chisinau, Republic of Moldova, from June 26 to 29, 2012, noted the information provided in document TWC/30/34 “Updated Survey on Hand Held Data Capture Devices”. It recommended that the information should be revised on the basis of a new circular to be issued by the Office of the Union inviting further entries in advance of the thirty‑first session of the TWC (see document TWC/30/41, “Report”, paragraph 81).

The Technical Committee (TC), at its forty-ninth session, held in Geneva, from March 18 to 20, 2013, agreed to request the Office of Union to issue a new circular concerning hand held data capture devices, inviting further entries in advance of the thirty-first session of the TWC (see document TC/49/41 “Report on Conclusions”, paragraph 17).

On March 27, 2013, the Office of the Union issued circular E\_13/109 requesting updates on hand held data capture devices. The Annex to this document contains the information submitted in the replies to that circular.

*The TWC is invited to:*

1. *note the information provided in Annex to this document; and*
2. *consider whether a new circular should be issued by the Office of the Union inviting further entries in advance of the thirty-second session of the TWC.*

[Annex follows]

UPDATED SURVEY ON HAND-HELD DATA CAPTURE DEVICES\*

| Members of the Union | Contact details | Hand-held data capture device used | Type of operating system | Application by user(s) |
| --- | --- | --- | --- | --- |
| Belarus | Siamashka Tatsiana, deputy director of DUS testing, State Inspection for varieties testing and protection. Kazintsa str., 90. Minsk 220108. Minsk, Belarus. [belsort@mail.ru](mailto:belsort@mail.ru)  Tel. +375 29 1322812.  Fax +375 17 2127451/ | Handheld PC KULON TS-011 (<http://www.ts.ru/kulon.html>) | Excel / Windows Mobile 5.0 | DUS / VCU |
| China | Kun YANG, Examiner Division of DUS Testing, Development Center of Science & Technology, MOA  ROOM 707, Nongfeng Building, No. 96 Dong San Huan Na Lu, Chaoyang District, Beijing 100122, China Tel: 86-10-5919-9394 Fax: 86-10-5919-9393 Email: yangkunmails@foxmail.com | HP IPAD 4700 | Excel | DUS |
| Czech Republic | David HAMPEL, Biometrician, Central Institute for Supervising and Testing in Agriculture, (CISTA), National Plant Variety Office, Hroznova 2, 656 06 Brno., Czech Republic tel.: +420 543 548 251 fax: +420 543 212 440 e-mail: [david.hampel@ukzuz.cz](mailto:david.hampel@ukzuz.cz) | PSION Workabout mx | EPOC (Symbian) OVAL program | DUS |
| Denmark | Erik Lawaetz, DUS Scientist, The Danish Plant Directorate, Department of Variety Testing, Teglværksvej 10, DK-4230 Skælskør, Denmark | Unitech PA950  Unitech PA600  Unitech PA962 with UMTS network  Datalogic Memor | Excel / Windows Mobile 5.0  Excel / Windows Mobile 5.0  Excel / Windows Mobile 5.0  Excel / Windows Mobile 5.0 | DUS  DUS  DUS / VCU  DUS |
| France | Christophe CHEVALIER, Groupe d'étude et de contrôle des variétés et des semences (GEVES), rue G. Morel, F-49071 Beaucouze Cedex., France tel. : + 33 2 41 22 86 36 fax : +33 2 41 22 58 01 e‑mail:  [christophe.chevalier@geves.fr](mailto:christophe.chevalier@geves.fr) | Panasonic Toughbook CF 19  Panasonic Toughbook CF U1 | SIRIUS: Hand data CMP IODR developed by GEVES.  SIRIUS is used in the following crops: Sorghum, sugar beet, maize, wheat, barley, oat, oilseed rape, sunflower, triticale, peas. | DUS / VCU |
| ITRONIX |
| Germany | Thomas DROBEK, Informationstechnologie, Referat 111, Bundessortenamt, Postfach 61 04 40, 30604 Hannover, Germany tel.: +49 511 9566 5688  fax: +49 511 9566 9600 e-mail: thomas.drobek@bundessortenamt.de | PSION Workabout mx  and PSION Workabout mx PRO | EPOC (Symbian)  C- and OPL-programs  Windows Mobil 6.0  C- and Pocket Excel | DUS / VCU |
| PNT 1800  Designated replacement in 2012/2013 | WinCE  C-Easy programs | DUS |
| ACD M210 Pocket-PC | Visual Studio 2008 – Smart Device Development with Windows CE and Windows Mobile (.NET Compact Framework) | DUS |
| Israel | Ben-Zion Zaidman, DUS Examiner  Plant Breeders' Rights Unit  Ministry of Agriculture and Rural Development  P.O. Box 30, Bet-Dagan 50250, Israel  Tel: 972-3-9485833; Fax: 972-3-9485839  E-Mail: [benzionz@moag.gov.il](file:///\\Wipogvafs01\DAT1\OrgUPOV\Shared\Document\TWC\Local%20Settings\Temporary%20Internet%20Files\Content.Outlook\GDA5CUH7\benzionz@moag.gov.il) | Motorola MC55A0 Enterprise Digital Assistant | Windows Mobil 6.5 | DUS |
| Netherlands | Jan Kees Schipper, DUS expert, Naktuinbouw, Variety Testing Department, P.O. Box 20, 2370 AA Roelofarendsveen  Visiting address, Binnenhaven 1, 6709PD  Wageningen, Netherlands  Tel. +31 (0)6 46713133  Fax +31 (0)317 411721  e-mail: j.k.schipper@naktuinbouw.nl | Itronics Gobook Q.100  Getac PS535F  Leica Disto tm Plus (distance laser-meter)  used in sugar beets | Excel / Pocket PC  2L field(Linx Mobile Solutions)/  Windows Mobile 6.5 | DUS  DUS / VCU  DUS / VCU |
| Gerrit van de Wardt, DUS expert, Naktuinbouw  Variety Testing Department, P.O. Box 20,  2370 AA Roelofarendsveen  Visiting address: Sotaweg 22, 2371 GD  Roelofarendsveen, Netherlands  Tel. +31 (0)6 46713132  Fax +31 (0)71 332 63 63  e-mail: g.vd.wardt@hetnet.nl | Pidion BP 80 | 2L field (Linx mobile solutions)  Windows 7 | DUS |
| Wim van der Kooij, DUS expert, Naktuinbouw,  Variety Testing Department, P.O. Box 20,  2370 AA Roelofarendsveen  Visiting address, Johannes Postweg 1,  8309 PE, Tollebeek, Netherlands  Tel. +31 (0)6 51048483  e-mail: w.vd.kooij@naktuinbouw.nl | LXE-MX7  Ultra sonic distance-meter  used in grass measurements | 2L field(Linx Mobile Solutions)/  Windows Mobile 6.5 | DUS |
| New Zealand | Jenny Jebson, PVR examiner – Agricultural, Plant Variety Rights Office of NZ, PO Box 9241, Marion Square, Wellington 6141, New Zealand. tel: +64 4 9786322 fax: +64 4 9783691. e-mail: jennifer.jebson@pvr.govt.nz | HP iPAQ pocket PC h6300 series | Microsoft Windows Mobile software | DUS |
| Poland | Wieslaw PILARCZYK, Expert Statistician, Research Center for Cultivar Testing (COBORU), PL-63-022 Slupia Wielka, Poland tel.: +48 61 285 2341 Ext. 224 fax: +48 61 285 35 58,  e mail:  [wpilar@au.poznan.pl](mailto:wpilar@au.poznan.pl) | PSION Workabout mx | EPOC  OPL-programs | DUS / VCU |
| Palmtop PC/ Tablet PC | Windows CE |
| Republic of Korea | Mi-Hee Yang, Examiner, Senior Researcher, Korea Seed & Variety Service, MIFAFF, Republic of Korea e-mail: mh730@seed.go.kr | Fujitsu P Series Lifebook with wireless network system of HSDPA |  |  |
| Sweden | Torbjörn Leuchovius, Unit if Applied Field Research (Fältforsk), Swedish University of Agricultural Sciences (SLU), VPE Box 7043, SE-75007 Uppsala, Sweden Tel +46-18-671825 e-mail [Torbjorn.Leuchovius@slu.se](mailto:Torbjorn.Leuchovius@slu.se) | Husky Fex21 (old equipment), Psion Workabout PRO, Portable Windows 7 computers like HP Elitebook 2540 etc, Windows XP Tablet PC computers | Windows Pocket PC 4 (old equipment), Windows Mobile 6+, Windows XP tablet PC, Windows 7 | VCU |
| United Kingdom | Adrian M.I. ROBERTS, Biomathematics & Statistics Scotland (BioSS), James Clerk Maxwell Building, The King's Buildings, Edinburgh EH9 3JZ, United Kingdom tel.: +44 131 650 4893 fax: +44 131 650 4901  e-mail: [adrian@bioss.ac.uk](mailto:adrian@bioss.ac.uk) | Itronix |  | DUS |
| Sally WATSON (Mrs.), Biometrics Branch, Agri-Food & Biosciences Institute, 18a, Newforge Lane, Belfast BT9 5PX, United Kingdom tel.: +44 28902 55 292 fax: +44 28902 55 008  e-mail: sally.watson@afbini.gov.uk | Husky Fex 21 | In-house software written in GW Basic, working in DOS operating system | DUS |
| Haidee Philpott, NIAB, Huntingdon Road, Cambridge. CB3 0LE, United Kingdom tel: +44 1223 342258  e-mail: Haidee.philpott@niab.com | Psion Workabout PRO Psion vehicle mounted 8515 Motion CL900 Tablet | ‘In house’ developed system using: Microsoft® Windows® CE 5.0, Microsoft® Windows® Mobile® 6 Classic and Professional | DUS |

[End of Annex and of document]