



TWC/31/28 Rev.
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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

1. 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).
2. 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).
3. 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.
4. *The TWC is invited to:*
 - a) *note the information provided in Annex to this document; and*
 - b) *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]

ANNEX

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 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	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	Panasonic Toughbook CF 19 Panasonic Toughbook CF U1 ITRONIX	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

* Additional or updated information from replies to Circular E_13/109 is reproduced in highlighted text.

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Members of the Union	Contact details	Hand-held data capture device used	Type of operating system	Application by user(s)
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	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

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Members of the Union	Contact details	Hand-held data capture device used	Type of operating system	Application by user(s)
	<p>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</p>	<p>LXE-MX7 Ultra sonic distance-meter used in grass measurements</p>	<p>2L field(Linx Mobile Solutions)/ Windows Mobile 6.5</p>	<p>DUS</p>
New Zealand	<p>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</p>	<p>HP iPAQ pocket PC h6300 series</p>	<p>Microsoft Windows Mobile software</p>	<p>DUS</p>
Poland	<p>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</p>	<p>PSION Workabout mx</p>	<p>EPOC OPL-programs</p>	<p>DUS / VCU</p>
		<p>Palmtop PC/ Tablet PC</p>	<p>Windows CE</p>	
Republic of Korea	<p>Mi-Hee Yang, Examiner, Senior Researcher, Korea Seed & Variety Service, MIFAFF, Republic of Korea e-mail: mh730@seed.go.kr</p>	<p>Fujitsu P Series Lifebook with wireless network system of HSDPA</p>		
Sweden	<p>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</p>	<p>Husky Fex21 (old equipment), Psion Workabout PRO, Portable Windows 7 computers like HP Elitebook 2540 etc, Windows XP Tablet PC computers</p>	<p>Windows Pocket PC 4 (old equipment), Windows Mobile 6+, Windows XP tablet PC, Windows 7</p>	<p>VCU</p>

Members of the Union	Contact details	Hand-held data capture device used	Type of operating system	Application by user(s)
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	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]