



TC/40/5

ORIGINAL: English

DATE: January 27, 2004

INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

GENEVA

TECHNICAL COMMITTEE**Fortieth Session****Geneva, March 29 to 31, 2004**

TGP DOCUMENTS

Document prepared by the Chairman and the Office of the Union

1. The purpose of this document is to report on the progress in the development of TGP documents and to provide background information concerning document TGP/7 Draft 5, which is proposed as the basis for the Technical Committee (TC) to adopt TGP/7 "Development of Test Guidelines."

TGP/7 "Development of Test Guidelines"

2. At its thirty-ninth session, held in Geneva from April 7 to 9, 2003, the TC considered document TGP/7 Draft 2. It confirmed that TGP/7 "Development of Test Guidelines" should continue to receive highest priority and that all Technical Working Parties (TWPs) should be invited to consider TGP/7 at their sessions in 2003. All TWPs considered document TGP/7 Draft 3 and their comments were incorporated in document TGP/7 Draft 4, which was presented to the Enlarged Editorial Committee (TC-EDC) at its meeting on January 14, 2004. Document TGP/7 Draft 5 reflects the comments made by the TWPs and the TC-EDC. The following paragraphs provide a general explanation of the development of the document.

3. When the TC considered document TGP/7 Draft 2, it did not examine Section 4, GN18 to GN30 in Annex 3 and Annex 4 of that document, and agreed that the highlighted text in those sections should remain highlighted in the later drafts of the document. That text remained highlighted in TGP/7 Draft 3, which incorporated all the changes agreed by the TC and was considered by the TWPs during their sessions in 2003, and remained highlighted in

TGP/7 Draft 4, which was presented to the TC-EDC, and also in TGP/7 Draft 5, which is now to be considered by the TC. Additional parts of the text of TGP/7 Draft 5 have been highlighted where amendments have been proposed in relation to TGP/7 Draft 2. Where text proposed to be deleted from TGP/7 Draft 2 is considered to be of particular significance, that text has been shown as “~~striketrough~~.” The endnotes provided at the end of document TGP/7 Draft 5 provide background notes to the proposed amendments mentioned above and/or indicate the source of the proposal.

4. There has also been some restructuring of the document to present the document in a more logical sequence for users who may wish to read the document in its entirety, rather than using it as a series of notes to accompany the TG Template. In particular, Section 4 “Presentation of characteristics according to their type of expression” of TGP/7 Draft 2 has been incorporated into Annex 3 “Guidance Notes (GN) for the TG template” in Draft 5. Furthermore, all aspects concerning the presentation of characteristics have been placed together, in GN 17 to GN 20, resulting in some consolidation of the text. The text has been highlighted where the restructuring of the text has resulted in amendments to the substance of the text, but not where the text has simply been relocated. Renumbering of sections and subsections has not been highlighted in the document.

5. In order to facilitate the consideration of TGP/7 Draft 5, the Chairman of the TC has identified the following elements which should, in particular, be considered by the TC:

(a) “Chapters” in the Test Guidelines

The current draft of TGP/7 reverts to the approach of referring to the ten sections of the Test Guidelines as “Chapters,” rather than “Sections.”

(b) Botanical name

The term “Latin” name has been replaced by “botanical” name, throughout the document. (See endnote “p”)

(c) Testing place (Annex 1: TG Template: Chapter 3.2)

The revised text has been developed by the TC-EDC to clarify that it is not necessary for more than one location to be used for DUS testing but at the same time indicating that more than one location can also be appropriate. (See endnote “y”)

(d) Consistency of differences (Annex 1: TG Template: Chapter 4.1.2)

The wording of this chapter has been amended to avoid the presumption that two growing cycles are required. (See endnote “z”)

(e) Confidential information (Annex 1: TG Template: Chapters 10.4 and 10.7 (TQ))

Two options concerning the possibility of treating information in the Technical Questionnaire (TQ) as confidential have been proposed. Option 1 has been developed by the TC-EDC and Option 2 has been proposed by the International Seed Federation (ISF). (See endnote “cc”)

(f) COYD and COYU (Annex 2: ASW)

Proposals for ASW concerning the Combined Over Years Distinctness (COYD) and Combined Over Years Uniformity (COYU) methods have been omitted. (See endnote “aa”)

(g) Asterisked, Grouping and TQ characteristics (Annex 3: GN 13)

The guidance notes for Asterisked, Grouping and TQ characteristics have been combined in GN 13 and a new section (GN 13.4) created to explain their roles and relationship to each other. (See endnote “ww”)

(h) Quantitative characteristics: “Limited” and “Condensed” ranges (Annex 3: GN 20.3)

New proposals have been developed in GN 20.3.4 for a “Limited” range (1-5 scale) and in GN 20.3.5.3 for a “1-4” scale for the “Condensed” range. (See endnotes “jjj” and “mmm”)

(i) Pseudo-qualitative characteristics: Qualifying adjectives for colors and shapes (Annex 3: GN 20.4.2.3)

GN 20.4.2.3 has been reworded to require qualifying adjectives for colors and shapes, e.g. “medium green,” rather than “green,” and “medium elliptic,” rather than “elliptic.” (See endnote “nnn”)

(j) Example varieties: names (Annex 3: GN 29)

A new section has been introduced to provide guidance on the presentation of variety names and synonyms. (See endnotes “oo” and “aaa”)

(k) Literature (Annex 3: GN 30)

A new section has been introduced to provide guidance on the inclusion of literature in the Test Guidelines. (See endnotes “oo” and “aaa”)

6. Subject to approval of TGP/7, a drafters “kit” will be produced and placed on the restricted area of the UPOV Website. This will comprise three parts. The first part will be a Word document containing the TG Template (TGP/7 Annex 1) with all the additional standard wording (ASW) options included and a blank Table of Characteristics in the correct format (TGP/7 Annex 2). Drafters will be encouraged to use this Word document as their starting point and to delete the ASW which is not appropriate. The second part will be Annex 3 “Guidance notes for the TG Template,” which will provide general guidance. The third part will be a Word document containing the collection of approved characteristics (TGP/7 Annex 4), which the Office will start to compile after approval of TGP/7. It is further intended that the Office will provide a practical demonstration of how to use this “kit” to draft Test Guidelines at the TWP sessions in 2004.

Development of TGP Documents

7. At its thirty-ninth session, the TC confirmed that TGP/4 “Management of Variety Collections,” TGP/9 “Examining Distinctness” and TGP/10 “Examining Uniformity” should continue to receive the next highest priority after TGP/7. However, it considered that TGP/7 would take a substantial amount of time to be discussed and agreed that the TWPs should not be requested to consider TGP/4, TGP/9 or TGP/10 at their sessions in 2003. Nevertheless, it agreed that the flow diagram, in Annex I of document TC/39/6, showing the proposed restructuring of TGP/3, TGP/4 and TGP/9 should be elaborated and presented to the TWPs at their sessions in 2003. Furthermore, it agreed that TGP/3 should not be discussed further in the TC and should be a matter for the Administrative and Legal Committee (CAJ).

8. The TC also agreed that, during 2003, the Office should produce full drafts of TGP/4 and TGP/9, based on the existing information in the individual sections and the restructuring set out in Annex I of document TC/39/6, to ease the consideration of these documents by the TWPs at their sessions in 2004. With regard to other TGP documents, the TC agreed that the TWP should continue to discuss drafts of those documents for which they were responsible as far as time allowed.

9. The TC further agreed with the proposal in document TC/39/6 that drafts of TGP/5 “Experience and Cooperation in DUS Testing,” TGP/6 “Arrangements for DUS Testing” and TGP/12.2.1 “Chemical Constituents: Protein Electrophoresis” could be submitted to the TC, at its session in Spring 2005, without discussion in the TWPs.

10. The following sections summarize developments arising from the TWPs with regard to the structure of TGP/3, TGP/4 and TGP/9 and the program for the development of TGP documents.

Structure of TGP/3, TGP/4 and TGP/9

11. On the basis of the recommendations made by the TC and the TWPs, the proposed structure of TGP/3, TGP/4 and TGP/9 is presented as Annex I to this document. Background information and explanations of amendments are provided in the form of endnotes.

Program for the Development of TGP Documents

12. On the basis of the recommendations made by the TC and the TWPs and on the basis that TGP/7 is approved by the TC at its fortieth session, the proposed program for the development of TGP documents is presented in Annex II to this document. The following section explains the background to the proposed program.

(a) Documents to Be Considered for Adoption in 2005

13. TGP/0 “List of TGP Documents and Latest Issue Dates” and TGP/2 “List of Test Guidelines Adopted by UPOV” can be approved in 2005 since these are administrative in their content. TGP/3 “Varieties of Common Knowledge” will now consist only of document C(Extr.)/19/2 Rev. “The Notion of Breeder and Common Knowledge” and is, therefore, complete. As explained above, the TC has agreed that TGP/5 and TGP/6 can be submitted directly to the TC in 2005 for approval.

(b) Other TGP Documents

14. With regard to other TGP documents, the proposed program is on the basis that, in 2004, the TWPs will give priority to TGP/4, TGP/9 and TGP/10 and thereafter each TWP will discuss drafts of those documents for which they are responsible, as far as time allows.

15. In addition to comments on the program for the development of TGP documents, the TWPs also made recommendations with regard to the content and organization of certain TGP documents, which are reflected in Annex II. In particular, the following aspects have been considered:

TGP/8 "Use of Statistical Procedures in DUS Testing"

16. The order of sections 2, 3 and 4 has been changed at the suggestion of the Technical Working Party on Automation and Computer Programs (TWC).

TGP/10 "Examining Uniformity"

17. The title of TGP/10.3 has been changed from "Recommended Statistical Methods" to "Statistical Methods," at the request of the TWC.

18. Sub-section TGP/10.3.4 "Relative Tolerances in the Number of Off-types" has been deleted and will be incorporated into sub-section TGP/10.3.2 "Off-types."

TGP/12 "Special Characteristics"

19. At the request of the Technical Working Party for Agricultural Crops (TWA), an introductory section including an explanation that the uniformity standards for special characteristics will be the same as for other characteristics, has been introduced in TGP/12.1 "Characteristics Expressed in Response to External Factors."

20. Discussions which took place in the Technical Working Party for Vegetables (TWV) on the possible inclusion of states of expression for partial disease resistance in Test Guidelines, indicated that this might be a subject which the TC would want to discuss in the near future. Therefore, a draft of TGP/12.1.1 "Characteristics Expressed in Response to External Factors: Disease Resistance" has been scheduled for presentation to the TC in 2005.

21. With regard to the development of TGP/12.1.3 "Characteristics Expressed in Response to External Factors: Insect Resistance," the TWA proposed that the TWV should be invited to propose information on insect resistance which had not been introduced by genetic modification.

TGP/13 "Guidance Notes for New Types and Species"

22. The Technical Working Party for Ornamental Plants and Forest Trees (TWO) noted that TGP/13 "Guidance Notes for New Types and Species" was of particular relevance for the TWO and, with the agreement of the other drafters, proposed to take over the responsibility for the development of the document.

TGP/14 “Glossary of Technical, Botanical and Statistical Terms Used in UPOV Documents”

23. Sub-sections for plant shape, hair types and color have been developed within TGP/14.2 “Glossary of Technical, Botanical and Statistical Terms Used in UPOV Documents: Botanical Terms.”

24. *The TC is invited to:*

(a) agree a text for adoption as TGP/7 “Development of Test Guidelines” on the basis of TGP/7 Draft 5;

(b) approve the structure of TGP/3 “Varieties of Common Knowledge,” TGP/4 “Management of Variety Collections” and TGP/9 “Examining Distinctness,” as presented in Annex I to this document; and

(c) approve the content, organization and program of development for TGP documents as presented in Annex II to this document.

[Annex I follows]

STRUCTURE OF TGP/3, TGP/4 AND TGP/9

TGP/3: VARIETIES OF COMMON KNOWLEDGE¹

The Notion of Breeder and Common Knowledge²

TGP/4: [MANAGEMENT] [CONSTITUTION] OF VARIETY COLLECTIONS³

4.1. Criteria to Address Varieties of Common Knowledge

4.1.1 Introduction (relationship between varieties of common knowledge and variety collections)

4.1.2 The notion of risk in the establishment of variety collections⁴

4.1.3 Factors to be considered when establishing variety collections

- Types of variety (adaptation to growing conditions)

- Availability (plant material, data)

- Feasibility (annual or perennial varieties, type of propagation)

4.2. Maintenance of Variety Collections³

4.2.1. General

4.2.1.1 Collections of plant material (obtaining, verifying, maintaining, updating/renewing samples)

4.2.1.2 Data management

4.2.1.3 Access to plant material and data (e.g. restrictions on use, transfer agreement⁵)

4.2.2 Variety Collections of Perennial Species⁶

4.2.3 Cooperation in the Maintenance of Variety Collections

TGP 9: EXAMINING DISTINCTNESS

9.1 Introduction (overview of TGP/9 and relationship with TGP/3 and TGP/4)

9.2. Selecting Varieties for the Trial and Organizing the Trial

9.2.1. Grouping Characteristics⁷

9.2.1.1 Selecting grouping characteristics

9.2.1.2 Using grouping characteristics

9.2.2. The Use of “Phenotypic distance”

9.2.2.1 The notion of “Phenotypic distance”

9.2.2.2 The notion of “Distinctness plus”

9.2.2.3 Using phenotypic distance

9.2.2.4. Methodologies for using phenotypic distance⁸

9.2.2.4.1 The GAÏA software

9.2.2.4.2 (Others)

9.3. Trial Organization

9.3.1. Number of Independent Growing Cycles

9.3.1.1 The notion of “independent” growing cycles (e.g. seasons, locations)

9.3.1.2 Basis for determining the number of independent growing cycles

9.3.2. Use of Multiple Locations in the Examination of Distinctness

9.3.2.1 Reasons for using more than one location

9.3.2.2 Use of information from multiple locations

- 9.4. Factors in the Choice of Methods for the Assessment of Distinctness⁹
 - 9.4.1 Introduction
 - 9.4.2. Type of Variety^{10, 11}
 - 9.4.2.1 Introduction (variation within a variety and distinctness assessment)
 - 9.4.2.2 Self-pollinated varieties
 - 9.4.2.3 Vegetatively propagated varieties
 - 9.4.2.4 Cross-pollinated varieties
 - 9.4.2.5 Hybrids¹²
 - (a) General
 - (b) Use of the parental formula
 - 9.4.2.6 Rootstocks (two sets of characteristics)
 - 9.4.3 Type of Characteristic¹³
- 9.5. Methods for the Assessment of Distinctness
 - 9.5.1 Introduction
 - 9.5.2. Visual Assessment
 - 9.5.2.1 Introduction (direct comparisons, use of standardized scales, etc.)
 - 9.5.2.2 Visual assessment and types of varieties/characteristics/data
 - 9.5.2.3 Use of randomized “blind” testing¹⁴
 - 9.5.3 Measurements¹²
 - 9.5.4. Statistical Methods
 - 9.5.4.1 Introduction
 - 9.5.4.2 COYD
 - 9.5.4.3 Long-term LSD¹⁵
 - 9.5.4.4 Others, etc.
- 9.6. Examples of Distinctness Assessment¹⁶
 - 9.6.1 Australia
 - 9.6.2 France
 - 9.6.3 Others, etc.

[Annex II follows]

¹ The TC agreed that the development of TGP/3 was a matter for the CAJ.

² Document C(Extr.)/19/2 Rev.

³ Amendment proposed by Mr. Guiard (Coordinator of TGP/4).

⁴ TWA: to eliminate the word “acceptable.”

⁵ Under development by the CAJ (see documents CAJ/49/2 and CAJ/49/3).

⁶ New title as for the last version of TGP/4.2; TWA: title to be amended to clarify that it addresses DUS trials where the age of the plants is different; TWO+TWF: need to elaborate the terms “permanent” and “variety collection” and to cover herbaceous species.

⁷ TWA: to reduce the number of sections.

⁸ TWA: to restructure one subsection for GAÏA and keep open for future developments.

⁹ TWC: to change the title because the whole of TGP/9 concerns methods for the assessment of distinctness.

¹⁰ TWA+TWF+TWO: to keep variety types as in TG/1/3.

¹¹ TWA+TWC proposal to move Section “Examining Distinctness in Different Types of Varieties” to this place.

¹² TWA: new section proposed.

¹³ TWA: new section instead of “Criteria to decide.”

¹⁴ TWF: experts from DE, NZ and ZA will assist the Office in drafting this section.

¹⁵ TWC: new section proposed.

¹⁶ TWF+TWO: to amend the title to avoid any inference that there are different approaches.

TC/40/5
Annex II, page 2

Ref.	Title of document	Current approved * documents	Comments / Other relevant documents	Drafter (TWP)	Drafter (Name)	Interested Experts	Date for Draft to Office	2004						2005						2006																		
								TC	TWV	TWC	TWA	TWO	TWF	TC-EDC	TC	CAJ	TWV	TWC	TWA	TWO	TWF	TC-EDC	TC	CAJ	TWPs													
TGP/08.5	Statistical Methods for DUS Examination			TWC	Ms. Watson (GB) / Mr. Roberts (GB)		30-Apr-04	---	---	draft 3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
TGP/08.6	Examining DUS in Bulk Samples			TWC	Mr. Kristensen (DK)		30-Apr-04	---	---	draft 2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
TGP/09	Examining Distinctness <i>(Coordinator: Office (RL))</i>		TC/40/5	Office	PB/RL			---	draft 1	draft 1	draft 1	draft 1	draft 1	draft 1	draft 1	draft 2	draft 3	draft 3	draft 4	draft 4	draft 4	draft 4	draft 4	draft 4	draft 4	draft 4	draft 4	draft 4	draft 5	Adopt	Adopt	Adopt	Adopt	X				
TGP/10	Examining Uniformity <i>(Coordinator: Office (RL))</i>							---	---	---	---	---	---	---	---	draft 1	draft 2	draft 2	draft 3	draft 3	draft 3	draft 3	draft 3	draft 3	draft 3	draft 3	draft 3	draft 4	Adopt	Adopt	Adopt	Adopt	X					
TGP/10.1	Considering the Application of Statistical Methods			?		TWO		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
TGP/10.2	Assessing Uniformity According to the Features of Propagation		TWA/30/11; TWF/32/13; TWO/34/12	TWC	Ms. Rucker (DE)		23-Apr-04	---	draft 3	draft 3	draft 3	draft 3	draft 3	draft 3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
TGP/10.3.1	Statistical Methods: COYU	TC/33/7	TWC/15/7; TWC/18/10	TWC	Ms. Watson (GB) / Mr. Roberts (GB)		23-Apr-04	---	draft 3	draft 3	draft 3	draft 3	draft 3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
TGP/10.3.2	Statistical Methods: Off-Types	TC/34/5	TWC/14/4	TWC	Ms. Watson (GB) / Mr. Roberts (GB)		23-Apr-04	---	draft 3	draft 3	draft 3	draft 3	draft 3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TGP/10.3.3	Statistical Methods: Segregation Ratios			TWC	Mr. Law (GB)		30-Apr-04	---	---	draft 1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
TGP/11	Examining Stability <i>(Coordinator: Office (PB))</i>							---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
(TGP/11.1)	(The Examination of Stability and "Verification")																																					
TGP/12	Special Characteristics <i>(Coordinator: Office (PB/MT))</i>							---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TGP/12.1.0	Characteristics Expressed in Response to External Factors: Introduction (uniformity standards)							---	---	---	---	---	---	---	---	draft 1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TGP/12.1.1	Characteristics Expressed in Response to External Factors: Disease Resistance			TWV	Mr. Van Ettekovlen (NL)		23-Apr-04	---	draft 3	---	---	---	---	---	---	draft 4	draft 5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	draft 6	
TGP/12.1.2	Characteristics Expressed in Response to External Factors: Chemical Response			TWA	Mr. Hossain (AU)		14-May-04	---	---	---	draft 2	---	---	---	---	---	---	---	---	---	---	---	draft 3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	draft 4
TGP/12.1.3	Characteristics Expressed in Response to External Factors: Insect Resistance			TWA / TWV	Mr. Guiard (FR)	Mr. Hossain (AU)		---	draft 1	---	---	---	---	---	---	---	---	---	---	draft 2	---	draft 2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	draft 3	
TGP/12.2.1	Chemical Constituents: Protein Electrophoresis			TWA	Mr. Camlin (GB) / Mr. Guiard (FR)		01-Aug-04	---	---	---	---	---	---	---	---	draft 1	Approve	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
TGP/12.3	Examination of Combined Characteristics Using Image Analysis		TC/36/7/12B	? TWC				---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
(TGP/12.4)	(Examination of Scent and Flavor Characteristics)																																					
TGP/13	Guidance for New Types and Species <i>(Coordinator: Mr. Kwakkenbos (CPVO))</i>			TWO	Mr. Kwakkenbos (CPVO)	TWA: Mr. Camlin; TWF: Mr. Barnaby (NZ) / Mr. Barrientos-Priego (MX)	28-May-04	---	---	---	---	draft 1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	draft 3	
TGP/14	Glossary of Technical, Botanical and Statistical Terms Used in UPOV Documents <i>(Coordinator: Office (PB))</i>							---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
TGP/14.1	Technical Terms		TC/36/7/18A	Office	PB			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
TGP/14.2	Botanical Terms:		TC/36/5 & TWF/34/5	TWF	Ms. Buitendag (ZA)	TWF: Ms. Lean (GB); Mr. Bergamini (IT); Mr. Barnaby (NZ)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	draft 1	
	1. Plant shapes		TC/36/5 & TWF/34/5	TWF	Ms. Buitendag (ZA)	TWF: Ms. Lean (GB); Mr. Bergamini (IT); Mr. Barnaby (NZ)	04-Jun-04	---	---	---	---	---	draft 3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	2. Hair types			TWF	Mr. Barnaby (NZ)		04-Jun-04	---	---	---	---	---	draft 2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	3. Color			TWO	Ms. Menne (DE);		28-May-04	---	---	---	---	draft 2	draft 2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
TGP/14.3	Statistical Terms		TWA/29/9	TWC / TWA	Mr. Hossain (AU) / Mr. Roberts (GB)		09-May-04	---	---	draft 2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	draft 4	
TGP/15	New Types of Characteristics <i>(Coordinator: Office)</i>							---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

X - Document adopted

[End of Annex II and of document]