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**PROVISION OF SERVICES FOR CUSTOMS AGENTS TRAINING ON
DETECTION, IDENTIFICATION AND ILLEGAL TRAFFIC OF OZONE LAYER
DEPLETING SUBSTANCES**

UNIDO Project No. MP/MEX/04/031

P.O. No. 16000916

Final technical report: Training courses on detection, identification and illegal traffic of
ozone layer depleting substances conducted at the cities of Tijuana, Nuevo Laredo,
Manzanillo and Veracruz, Mexico

Prepared for the United Nations Industrial Development Organization, Vienna

By Realidades Consultoría Empresarial S. A.

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ACRONYMS

CD: Compact disc

CFC: Chlorofluorocarbon

DGGCARETC: Dirección General de Gestión de Calidad del Aire y Registro de Emisiones y Transferencia de Contaminantes (Office for the Quality of Air and Record of Emissions and Transfer of Contaminants).

EIA: Environmental Investigation Agency.

UNIDO: United Nations Industrial Development Organization.

PROFEPA: Procuraduría Federal de Protección al Ambiente (Federal Procurator's Office for the Protection of the Environment)

ODS: Ozone Depleting Substance.

SAT: Servicio de Administración Tributaria (Taxation System Service).

SEMARNAT: Secretaría de Medio Ambiente y Recursos Naturales (Secretariat of the Environment and Natural Resources).

SISSAO: Sistema de información y seguimiento de sustancias agotadoras de la capa de ozono (Information and Follow up System of Substances depleting the Ozone Layer).

UNEP: United Nations Environment Programme

UPO: Unidad de Protección a la Capa de Ozono (Ozone Layer Protection Unit).

EXECUTIVE SUMMARY

In order to meet commitments made in relation with different schedules to reduce and eliminate consumption of ozone layer depleting substances (ODS), particularly the total elimination of CFC by year 2010, Mexico's national strategy for elimination considers as a very important element the training of staff working at national offices in the prevention and identification of illegal traffic of ozone layer depleting substances. To that end, a training program has been developed, consisting of four courses to be conducted in the Mexican cities of Tijuana (September 13-14, 2005), Nuevo Laredo (September 19-20, 2005), Manzanillo (September 22-23, 2005) and Veracruz (September 27-28, 2005) under the title "DETECTION, IDENTIFICATION AND ILLEGAL TRAFFIC OF OZONE LAYER DEPLETING SUBSTANCES".

The objective of this report is to provide information about the training courses conducted by our firm, Realidades Consultoría Empresarial S.A., and about all the activities related to such courses, according to the Terms of Reference under UNIDO (United Nations Industrial Development Organization) for the provision of services to train Customs agents in the detection, identification and illegal traffic of ozone layer depleting substances (UNIDO Project No. MP/MEX/04/031, P.O. No. 16000916, Contract No. 05/087).

The main objective of the training program is to provide senior government officials (Mexico's Customs and Federal Procurator's Office for the Protection of the Environment - PROFEPA) with the necessary skills to monitor and control international traffic of ODS, especially CFC. Prevention and detection of illegal traffic are central elements of this major objective. In order to meet these general objectives, 12 working sessions were planned and divided into two-day courses.

All the courses were positively assessed by participants, with a total of 68 officers trained according to the following detail:

	Course at Tijuana	Course at Nuevo Laredo	Course at Manzanillo	Course at Veracruz	Total number of officers trained by the entity
Customs	9	10	11	8	38
PROFEPA	9	4	8	8	29
UNIDO	0	1	0	0	1
Total per course	18	15	19	16	

Table 1: Officers trained

INTRODUCTION

The objective of this report is to provide information about the training courses on “DETECTION, IDENTIFICATION AND ILLEGAL TRAFFIC OF OZONE LAYER DEPLETING SUBSTANCES” conducted in the Mexican cities of Tijuana, Nuevo Laredo, Manzanillo and Veracruz by our firm, Realidades Consultoría Empresarial S.A., on September 13-14, 19-20, 22-23 and 27-28, 2005, respectively, and about all the activities performed in relation with these courses, according to the Terms of Reference under UNIDO for the provision of services to train Customs agents in the detection, identification and illegal traffic of ozone layer depleting substances. This report is the third of three reports requested in the above mentioned terms of reference.

After the introduction, and in order to provide a brief frame of reference for the courses, we will elaborate on the immediate background justifying the delivery of the courses, and will list main participants to the training. Following, we will refer to the objectives set for the four courses. Further in the report, we will examine the contents and structure of the courses, and will describe the training sessions, the material provided to participants, the material displayed during the courses, the material prepared and used, and the methodology applied. This will give us a broader view of the resources used to reach the objectives previously identified. Next, we will display date and time to conduct the courses and the list of participants. Main results of assessment forms completed by the participants on the courses will follow. The next item will be the results achieved and the total number of officers trained. Also, we will present relevant opinions collected at workshops showing useful information to improve control on ozone depleting substances. Finally, we will describe the main activities carried out in connection with these courses.

I. BACKGROUND

Mexico endorsed the Vienna Convention in 1987, the Montreal Protocol in 1988, the London Amendment in 1991 and the Copenhagen Amendment in 1994.

In order to meet commitments made in relation with different schedules to reduce and eliminate consumption of substances depleting the ozone layer (ODS) by 2010, especially CFC, the Mexican national policy considers as a very important element the training of staff working at national agencies in the prevention and identification of illegal traffic of ODS. To that end, a training program has been planned, consisting of four courses to be conducted in the Mexican cities of Tijuana, Nuevo Laredo, Manzanillo and Veracruz.

The state agencies involved in the training program are:

1. Mexico's Customs Agency (*Administración General de Aduanas*), federal body reporting to Taxation Administration Service (*Servicio de Administración Tributaria - SAT*). There are 48 Customs offices in Mexico whose main function is to supervise, inspect and control goods entering and leaving the country to ensure that laws and regulations concerning international trade are observed; and,
2. Federal Procurator's Office for the Protection of the Environment (*Procuraduría Federal de Protección al Ambiente -PROFEPA*), a decentralized body from the Secretariat of the Environment and Natural Resources (*Secretaría de Medio Ambiente y Recursos Naturales -SEMARNAT*), whose main mission is to ensure compliance with laws and regulations concerning the environment and natural resources in Mexico.

The training program is organized with the support of the United Nations Industrial Development Organization (UNIDO) as implementation agency, in coordination with the Office for the Quality of Air and Record of Emissions and Transfer of Contaminants (DGGCARETC and UPO - Ozone Layer Protection Unit) from the SEMARNAT (Secretariat of the Environment and Natural Resources) and Customs.

II. OBJECTIVES

The main objective of the training program is to provide senior government officials with the necessary skills to monitor and control international traffic of substances depleting the ozone layer, especially CFC. Prevention and detection of illegal traffic are central elements of this major objective. In line with these general objectives, the aims of this course were planned as follows:

- 1) Improve sensitivity to issues related to depletion of the ozone layer.
- 2) Introduce the different types of ODS and applications to be given to each.
- 3) Introduce provisions and elimination schedules stated in the Montreal Protocol and its Amendments.
- 4) Introduce other international treaties related to the environment issue.
- 5) Provide understanding of the national policy to eliminate refrigerants and national responsibility to reduce/eliminate ODS.
- 6) Provide a general description of the ODS license system and all implications for Customs officers and other directly related bodies.
- 7) Instruct about Customs officers expected interaction with ODS information and follow up system (SISSAO).
- 8) Present different ways to identify ODS and ODS containing products and equipment.
- 9) Show ODS different presentations (packaging).
- 10) Provide general understanding of the global and regional context for ODS consumption and production.

- 11) Provide usual schemes used in illegal traffic of ODS.
- 12) Provide criteria to develop ODS document control and physical recognition.
- 13) Show the importance of international cooperation and exchange of information in the fight against ODS illegal traffic.
- 14) Introduce safety standards associated with ODS handling.
- 15) Instruct in the use of refrigerants identification equipment.
- 16) Improve interaction between participants and allow the use of acquired learning.

III. CONTENT AND STRUCTURE

A. Working Sessions

The course was structured in 12 working sessions, according to the following detail:

Session 1: Depletion of the ozone layer.

Session 2: International Response.

Session 3: National Response.

Session 4: Import/Export License National System.

Session 5: ODS and ODS-containing products identification (names, labels, packaging).

Session 6: Global and regional context.

Session 7: ODS and ODS-containing products illegal traffic

Session 8: ODS safe handling, transportation and storage.

Session 9: Refrigerant identifier operation (theory)

Session 10: Refrigerant identifier operation (practice).

Session 11: Study of general practical cases for Customs inspectors (group work).

Session 12: Practical course on follow up and control system for ozone layer depleting substances (SISSAO).

Besides, an introductory session was scheduled, previous to Session 1, in which 1) participants introduced themselves, b) materials to be distributed among participants were detailed and commented, c) refrigerant identifiers to be used were exhibited, d) course general work practices were established, and e) the objectives of the course were established.

After Session 12, two periods of time were allocated, one for attendants to assess the course and the other for a formal closing.

Annex I of this report shows time distribution for the working sessions, and a detail of the subjects covered.

B. Materials handed to participants

The material handed to participants during the course was:

- 1) "Training Manual for Customs Officers" (*Manual de Capacitación de Oficiales de Aduana*), elaborated by UNEP.
- 2) "Quick tool to identify ODS" (*Herramienta rápida para detectar SAO*), elaborated by Compliance Assistance Programme, Regional Office for West Asia..
- 3) Course Schedule (Please see Annex 1 of this report).
- 4) *Acción Ozono* Bulletin N° 49 dated April 2005.
- 5) Information leaflet from the Ozone Layer Protection Unit.
- 6) Information poster from the Ozone Layer Protection Unit.
- 7) SISSAO Operating Handbook – Module for the Customs.
- 8) Questionnaire for course assessment.

- 9) Paper block
- 10) Pen.

Members of the Ozone Layer Protection Unit told participants that they will prepare a CD containing all the presentations delivered at the course, videos used and the images of the following courses, effective regulations in Mexico and the special issue of the bulletin *AccionOzono* titled "Illegal traffic of ozone depleting substances: A hole in the Montreal Protocol?". These CDs will be delivered to the participants by the Ozone Layer Protection Unit, once all the courses finish.

C. Material shown during the course

During the development of the course, all refrigerant identifier equipment and refrigerants packaging were revealed, as shown below:

Tijuana Course

- 1) TA400A refrigerant identifier.
- 2) ULTIMA ID refrigerant identifier.
- 3) Safety glasses.
- 4) Leather gloves.
- 5) R-12, 30 lbs disposable cylinder.
- 6) R-22, 30 lbs disposable cylinder.
- 7) R-404A, 30 lbs disposable cylinder.
- 8) R-134a, 30 lbs disposable cylinder.
- 9) R-12, 1 kg disposable cylinder.
- 10) R-22, 1 kg disposable cylinder.
- 11) R-134a, 0.340 kg disposable cylinder.

Thirty-pound cylinders were presented with their cardboard packages.

Nuevo Laredo Course

- 1) TA400A refrigerant identifier.
- 2) ULTIMA ID refrigerant identifier.
- 3) Safety glasses.
- 4) Leather gloves.
- 5) R-12, 30 lbs disposable cylinder.
- 6) R-22, 15 lbs disposable cylinder.
- 7) R-134a, 15 lbs disposable cylinder.
- 8) R-12, 1 kg disposable cylinder.
- 9) R-22, 1 kg disposable cylinder.
- 10) R-134a, 0.340 kg disposable cylinder.
- 11) R-401A, 1 kg disposable cylinder.
- 12) R-401A, 0.340 Kg disposable cylinder.

Manzanillo Course

- 1) TA400A refrigerant identifier.
- 2) ULTIMA ID refrigerant identifier.
- 3) Safety glasses.
- 4) Leather gloves.
- 5) R-12, 30 lbs disposable cylinder.
- 6) R-22, 15 lbs disposable cylinder.
- 7) R-134a, 15 lbs disposable cylinder.
- 8) R-12, 1 kg disposable cylinder.
- 9) R-22, 1 kg disposable cylinder.

Veracruz Course

- 1) TA400A refrigerant identifier.
- 2) ULTIMA ID refrigerant identifier.
- 3) Safety glasses.
- 4) Leather gloves.
- 5) R-12, 30 lbs disposable cylinder.
- 6) R-22, 30 lbs disposable cylinder.
- 7) R-134a, 30 lbs disposable cylinder.
- 8) R-12, 0,340 kg disposable cylinder.
- 9) R-22, 1 kg disposable cylinder.
- 10) R-134a, 0.340 kg disposable cylinder.
- 11) R-401A, 0,340 kg disposable cylinder.

Thirty-pound cylinders were presented with their cardboard packages.

D. Material prepared and used in the sessions

For the sessions "Introduction", 1, 2, 5, 6, 7, and 9, our consultancy prepared power point presentations which were used in the different deliveries. Several sources were considered at the time of preparation, especially the "Training Manual for Customs Officers", some reports from the EIA and information provided by Ozone National Units. Besides these presentations, much work was done during the development of the courses with the "Training Manual for Customs Officers" for participants to become familiar with it. Especially, during session 5, we used the "Quick tool to detect SAO", besides the previous resources mentioned.

Session 8 was developed with the "Training Manual for Customs Officers" and the refrigerant gas cylinders on display.

Several videos were used as well. For Session 1 "The Ozone Layer in a Test Tube" and for Session 7 "Nothing to declare: Good Customs to save the ozone layer" and "Contraband Cool" (first part, approx. 10 minutes).

Session 10 was conducted with refrigerants identifiers and refrigerants packaging, and safety elements (safety glasses and gloves).

Session 11 was based on the cases introduced in the "Training Manual for Customs Officers" on page 161 and was a group work session.

Presentations files and videos were submitted to UNIDO (México) and SEMARNAT before the course was delivered.

Sessions 3 and 4 were conducted by DGGCARETC-UPO from SEMARNAT with power point presentations and an institutional video.

Session 12 was conducted by members of the company Quadrantix (developers of the license system) who also used power point presentations and SISSAO Operations Manual for the Customs which was handed to the participants. Participants could access through Internet to a practical demonstration of connection and interaction with SISSAO.

E. Methodology

Different educational resources were used in the sessions, among others,

- 1) Theoretical concepts.
- 2) Presentation of examples.

- 3) Question making.
- 4) Debate.
- 5) Real cases analysis.
- 6) Simulation.
- 7) Group work.
- 8) Demos (operation of the refrigerant identifier equipment and connection and interaction with SISSAO).
- 9) Practice (with the refrigerant identifier equipment).

It is important to point out that we used computers in the different sessions (except in sessions 8, 10 and 11). In the design and preparation of the presentations, special care was paid to including resources that favored incorporation of knowledge and information (figures, photos, diagrams, use of color, animations, etc). In some cases, a video towards the end of the session helped recall knowledge previously taught (Sessions 1, 3, and 7).

Session 10, devoted to practice with refrigerant identifier equipment after the theoretical introduction made on Session 9, dealt with a complete measuring cycle (operation demonstration) before participants could prepared their practices, which were then supervised and attended to by the trainer

Session 11 devoted to simulation of real cases in groups. Groups were organized according to the composition of the audience (Customs officers and PROFEPA), and rules were established (period of time for group discussion, identification of group speaker, presentation scheme). When the discussion period finished in each group, the session opened for each group to deliver its findings while the rest of the audience articulated related comments and questions. The material used in this group session was taken from the "Training Manual for Customs Officers" (p. 161).

IV. PLACE AND DATE OF THE COURSES

Courses developed at:

Grand Hotel Tijuana, City of Tijuana, State of Baja California, Mexico, September 13 and 14, 2005.

Fiesta Inn Nuevo Laredo, City of Nuevo Laredo, State of Tamaulipas, Mexico, September 19 and 20, 2005.

Club Maeva, City of Manzanillo, State of Colima, Mexico, September 22 and 23, 2005.
Part of Session 10 was held at Manzanillo Customs facilities.

Crowne Plaza - Torremar, City of Veracruz, State of Veracruz, Mexico, September 27 and 28, 2005.

V. PARTICIPANTS

A total of 18 officers attended the course in Tijuana, 9 of them from the Customs and 9 from PROFEPA.

A total of 15 officers attended the course in Nuevo Laredo, 10 of them from the Customs, 4 from PROFEPA and 1 from UNIDO.

A total of 19 officers attended the course in Manzanillo, 11 of them from the Customs and 8 from PROFEPA.

A total of 16 officers attended the course in Veracruz, 8 of them from the Customs and 8 from PROFEPA.

Annex 2 of this report contains the complete list of participants trained with contact details.

Trainers for the courses conducted were Eng. Gustavo A. Torres (International Consultant with Realidades Consultoría Empresarial S. A.), Lic. Agustín Sánchez Guevara (Ozone Layer Protection Unit Coordinator), Eng. Martín Salas (Ozone Layer Protection Unit), Eng. Francisco Flores Aguilar (IT Development Director with Quadrantix S.A. de C.V.) and Mr. Hugo Flores Aguilar (Commercial Director with Quadrantix S.A. de C.V.). Annex 3 of this report provides complete information about the trainers together with contact and position information.

Active participants to the courses, providing opinions and answering consultations regarding their specific jobs were Lic. Marcela Nolazco from UNIDO and Eng David Murillo Herrera from the technical service of the company Quimobásicos S.A. de C.V. At Nuevo Laredo, the UNIDO National Coordinator, Lic. Ramiro Magaña was also present.

VI. PARTICIPANTS ASSESSMENT

In order to evaluate the courses, a questionnaire included in the "Training Manual for Customs Officers" was used. Annex 4 of this report show the questionnaire used.

The four courses received a very positive assessment (question No. 1 of the assessment questionnaire). Seventy-seven per cent of the participants assigned them the highest grade ("5" or "Excellent"), 22 % thought the courses were "Very Good" ("4"), and the remaining 1 % qualified them as "Good" ("3").

Annex 4 of this report includes a graphical analysis of the general assessment for the four courses and for each individual course.

VII. RESULTS AND LESSONS LEARNT

The number of officers trained in all the courses can be summarized in the following table:

	Course at Tijuana	Course at Nuevo Laredo	Course at Manzanillo	Course at Veracruz	Total number of officers trained by the entity
Customs	9	10	11	8	38
PROFEPA	9	4	8	8	29
UNIDO	0	1	0	0	1
Total per course	18	15	19	16	

Table 1: Officers trained

In the four courses, 68 officers were trained. Annex 2 of this report lists the officers trained.

At the Tijuana course, it was not possible to give the certificates to the trained officers since they had not been signed by the corresponding authorities. At Nuevo Laredo, certificates were given to participants with the only exception of Lic. Patricia Eugenia Moreno Cazares from PROFEPA (Procuraduría Federal de Protección al Ambiente -

Federal Procurator's Office for the Protection of the Environment) because she was not included on the original list that was used to make the certificates (she attended the course on behalf of another participant who was included on the original list and could not be present). At Manzanillo, certificates were given to participants with the exception of Marta Laurraquio (from Lázaro Cárdenas Customs Agency) and Oscar Chávez Nolazquez (Manzanillo's PROFEPA representative) as they were not included on the original list that was used to complete the certificates (they attended the course on behalf of other participants who were included on the list but could not attend). At Veracruz, certificates were given to participants with the exception of Eng. Mario Enrique Morales Garcia (Tabasco's PROFEPA representative) and Biol. José Juan R. Martinez Ramos (from PROFEPA Metropolitan Office). In all these cases, Eng. Martín Salas from the Ozone Layer Protection Unit explained to the relevant officials the reasons why it was not possible to give them their certificates, and committed to deliver the certificates in the short term.

Annex 5 of this report includes a model of the certificate given to participants attending the courses. It is important to note that our firm prepared the certificates according to a list given by the Ozone Layer Protection Unit before the training. Eighteen other certificates without names were given in order to cover for participants that were not listed, as indicated above.

Objectives of each course (detailed in item 2 of this report) were achieved thanks to a proper design of the Schedule (included in Annex 1), that helped developed the contents (please see 12 sessions detailed in item 4 of this report) during the two days of the course. Following, we include a table which shows the results obtained (objectives pursued and ultimately reached) and which were the resources used to obtain them.

Results obtained:	Through:
1. Improve sensitivity to issues related to depletion of the ozone layer.	Session 1 (with the video "The Ozone layer in a test tube").
2. Introduce the different types of ODS and applications to be given to each.	Session 1.
3. Introduce provisions and elimination schedules stated in the Montreal Protocol and its Amendments.	Session 2.
4. Introduce other international treaties related to the environment issue.	Session 2.
5. Provide understanding of national policy to eliminate refrigerants and national responsibilities to reduce/eliminate ODS	Session 3 (included the institutional video from DGGCARETC-UPO, SEMARNAT).
6. Provide a general description of the ODS license system and implications for Customs officers and other directly related bodies.	Sessions 4 and 12.
7. Instruct about Customs officers expected interaction with ODS information and follow up system (SISSAO).	Session 12.
8. Present different ways to identify ODS and ODS containing products and equipment.	Session 5.
9. Show ODS different presentations (packaging).	Session 5.
10. Provide general understanding of the global and regional context for ODS consumption and production.	Session 6.
11. Provide usual schemes used in illegal traffic of ODS.	Session 7.

12. Provide criteria to develop ODS document control and physical recognition.	Session 7.
13. Show the importance of international cooperation and Exchange of information the fight against ODS illegal traffic.	Session 7 (included the video "Nothing to declare: Good Customs to save the Ozone Layer" and "Contraband Cool")
14. Introduce safety standards associated with ODS handling.	Session 8.
15. Instruct in the use of refrigerants identifier equipment.	Sessions 9 and 10.
16. Improve interaction between participants and allow the use of acquired learning.	Session 11.

Table 2: Results obtained (objectives pursued and ultimately reached) and the resources used to obtain them

During the course of the workshops, participants expressed their opinions and points of view in relation with different issues (both verbally and by completing the assessment form). Following, the main lessons learnt during the workshops:

- 1) In general, participants agreed to the audience mix at the courses with officers from Customs and from PROFEPA, since both offices should work together from now on in order to prevent and identify illegal traffic of ODS. This kind of courses can become the starting point of an informal network of contacts that can favor coordination of actions.
- 2) Several comments arose when the normative framework was being explained in relation with special situations regarding control on international traffic of goods on road boundaries with the United States. The participants suggested that these situations should be considered at the moment of passing specific regulations on prohibition of imports for equipment containing CFC. Considering the suggestions,

we understand that this kind of courses can be very useful to achieve or improve existing standards or bills to be passed.

- 3) Many participants showed great interest in receiving information about news related to ozone layer and ODS control. At the same time, they wanted that training could expand to a greater number of officers. In other words, it would be very important to consider the resources to allow updates of officers trained and extend training to other officers.
- 4) For forthcoming courses, it will be important to consider the country's experience in detection and identification of illegal traffic of all types of goods, since all methods used could also be used for ODS illegal traffic.
- 5) A brochure (average 8 to 16 pages) could be useful to quickly identify main ODS-related issues, as well as controls government officials should develop to deal with them.

VIII. ACTIVITIES CARRIED OUT IN RELATION WITH THE COURSES

A. Preparation of the Preliminary Meeting

During this stage, a tentative scheme of subjects for the courses was organized, as well as the schedule to carry them out. Work was also devoted to the pedagogical resources that would be used, with special emphasis on the electronic format of presentations. In addition, the specific agenda of subjects to be treated in the preliminary meeting was prepared. Annex 7 of this report includes the agenda of subjects to deal with in the preliminary meeting as well as the agenda proposed for each course.

B. Preliminary Meeting

It was held on August 23 and 24, 2005. On the first day, the meeting was held at UPO (Unidad de Protección de la Capa de Ozono – Ozone Layer Protection Unit) offices in the SEMARNAT (Secretaría de Medio Ambiente y Recursos Naturales – Secretariat of the Environment and Natural Resources) building in Mexico D.F., with the participation of Lic. Agustín Sánchez-Guevara, Coordinator of the UPO, Eng. Martín Salas Martínez, National Coordinator of Programs (UPO) and Eng. Gustavo A. Torres from Realidades Consultoría Empresarial S.A. Subjects from the prepared agenda (see Annex 7, item A of this report) were discussed, the following topics being highlighted:

Subjects and Agenda of the courses. A proposed agenda was presented (see Annex 7, item B of this report) with a brief explanation about the relationship of factors taken into account to prepare it, and with special emphasis on the presentation devoted to prevention of ODS illegal traffic. As regards the presented agenda, Eng. Salas informed that they wished to include a session devoted to giving participants practical knowledge on the use of SISSAO (Sistema de Información y Seguimiento de Sustancias Agotadoras de la Capa de Ozono – Ozone Layer Depleting Substances Information and Follow-up System), a task to be assumed by an assigned consultant. For this reason, it was mutually agreed that original session 12 (devoted to work group) would be replaced by a session called “Practical course on ozone layer depleting substances follow-up and control system”. Besides, since the original time assigned to session 12 was not considered to be enough to develop the new subject, it was decided that this session developed between 3:30 pm and 5:00 pm of day #2 of the course, and consequently the “Course Assessment by Participants” and the closing session and certificate ceremony was changed to 5:00 pm and 5:15 pm, respectively. It was also agreed that sessions 3 and 4 (“National Response” and “Import/Export License National System”) would be in charge of UPO as suggested in the proposal timely presented. As regards the suggested timetables, and taking into account Mexican culture, it was decided that lunch break would be postponed to 1:30 pm.

Teaching material and presentations to be used. A cross-reference with the sessions proposed in the agenda and the teaching material to be used was presented. Likewise, core

presentations to be used, as well as the videos proposed, "The Ozone Layer in a Test Tube" and "Nothing to Declare", were presented in electronic format. As regards the presentations (PowerPoint format), it was informed that they could be slightly modified since they would adapt to the specific length of the course. UPO members requested that the logos or the identification of the organizations participating in the course (Customs, SEMARNAT and UNIDO) were shown on the initial screens, and committed themselves to email the logos. Regarding the videos, Eng. Martín Salas informed that the videos (VHS format) suggested in the UNEP (United Nations Environment Program – PNUMA: Programa de las Naciones Unidas para el Medio Ambiente) Training Manual ("Saving the Ozone Layer: Every Action Counts", "Ozone Layer Protection and CFC Illegal Import" and "Contraband Cool") had been purchased, but had not been delivered so far. However, after watching the videos suggested by our consulting firm, it was agreed to work with them and that, once the videos were available, their projection would be considered if time was enough.

Eng. Salas informed that each participant would receive a paper block, a pen, a copy of the "Training Manual for Customs Officers", prepared by the UNEP, and an issue of the magazine titled "Illegal traffic of ozone layer depleting substances: A hole in the Montreal Protocol?". In this regard, our consulting firm suggested that participants should also be given (i) copy of national legislation related to ODS control, (ii) a CD with all the material in electronic format, (iii) the "Quick tool to identify ODS" prepared by the ROLAC/CAP team (available at the UPO in electronic format and shown during the visit), and (iv) a course assessment sheet to be completed by participants and which is included in the "Training Manual for Customs Officers", prepared by the UNEP. All suggestions were favorably considered and implemented by the UPO.

At the same time, the UPO was requested to make available the refrigerant identifiers and gas cylinders (special emphasis was placed on having at least R-12, R-22 and R-134a) on the day previous to the courses, and at the places where they would be conducted. Eng. Salas pointed out that they would contact local distributors to get the cylinders and that, to the extent of their possibilities, they would try that the greatest number and variety of containers could be displayed.

As regards the identifiers, Eng. Salas handed a copy of the TA400A operation manual that could not be downloaded from the Internet before our visit to Mexico. It was informed that, based on the data of this manual, a PowerPoint presentation would be prepared for the theoretical session related to the use of the identifiers. (A theory session prepared for another model of refrigerant identifier was handed over as an example of the presentation we would perform).

Logistics of the meeting. Eng. Salas presented the forms with the information on the hotels where the courses would be carried out. He added that hotel managers knew we would get in touch with them to set the length of our stay and that we would have the same fares agreed for the rest of the participants. Regarding the equipment required, he informed that there would be PCs, sound equipment, projector, TV set and videocassette player.

Participants' profile. Eng. Salas handed over the forms with the details the people attending each course; although he emphasized that there could be minor changes on such lists at the last moment. Apart from the Customs' personnel, PROFEPA staff would be present. Most participants invited had a career in chemistry.

Certificate of approval. Eng. Salas would coordinate the format of the certificate with the rest of the related organizations and send it in electronic format via email.

On the second day (August 24, 2005), two meetings were held; first at the UNIDO head office and then at the Customs' Central Laboratory.

The first meeting had the participation of Eng. Martín Salas, Lic. Ramiro Magaña, UNIDO National Coordinator, Lic. Marcela González Nolazco, Project Official for the Montreal Protocol (UNIDO) and Eng. Gustavo A. Torres from Realidades Consultoría Empresarial S.A. Basically, topics dealt with on the previous day were reviewed, and it was decided that a cocktail would be organized for all participants after the official closing of the event

to encourage participants' closer relationships. Marcela González Nolzco proposed to film the courses in order to make a video later and hand it over to the Customs, a suggestion that was favorably received by the people present. It remained to be decided whether all courses would be filmed or only some of them. In case the last alternative were chosen, our consulting firm suggested that some of the two final courses were filmed, as all mechanisms and lectures would surely be more developed than in the first courses.

The second meeting took place at the Customs' Central Laboratory head office and it had the participation of Eng. Martín Salas, Lic. Marcela González Nolzco, Lic. Luis Lara from the Customs, Enrique Jimenez from the Customs, Francisco Serrano Aramoni, Customs' Central Laboratory Administrator, and Eng. Gustavo A. Torres. Customs officers were informed about the agenda and they made TA400A identifier available. They were informed that, in order for the equipment to work properly (according to the instruction manual), a hose allowing the gas sample to drain from the equipment should be acquired. As for the other identifier model, equipment had not been cleared from Customs at the moment but was expected to be available in the short term.

C. Course Program General Preparation

This activity took place between the end of the preliminary meeting and the specific preparations for the first course (Tijuana). It was oriented in two directions. On the one hand, to give a final shape to electronic format presentations that would be used as agreed in the preliminary meeting (see item B above). On the other hand, to complete the certificates that would be given to participants. In this regard, the certificate format was received via email and a certificate was made for each participant included on the list provided by the UPO. In addition, 18 certificates without identification were made in order to use them in special cases, as for example the attendance of people who were not included on the original list provided by the UPO.

D. Specific Preparation for Each Course

It was carried out on the day previous to each course. It mainly consisted of:

- 1) Ensuring that audiovisual electronic devices worked properly;
- 2) Preparing furniture and decoration elements for each course;
- 3) Preparing material to be handed over to each participant; and,
- 4) Testing refrigerant identifying equipment in order to check correct operation.

In particular, the day before the first course (Tijuana), videos acquired by the UPO which were not available when the preliminary meeting was held (August 23 and 24, 2005; see item B above) were analyzed. It was decided that the course would include the first part (approximately 10 minutes) of the video "Contraband Cool", about the illegal traffic of ODS on the frontier between the United States of America and Mexico in the 1990s.

E. Course Program End Meeting

The meeting was held on September 30, 2005 in the UPO offices at the SEMARNAT building in México D.F. It had the participation of Lic. Agustín Sánchez-Guevara, UPO Coordinator, Eng. Martín Salas Martínez, National Coordinator of Programs (UPO), Lic. Marcela González Nolasco, Project Official for the Montreal Protocol (UNIDO), Lic. Luis Lara from the Customs and Eng. Gustavo A. Torres from Realidades Consultoría Empresaria S.A.

Subjects discussed were:

- 1) Course assessment by participants. Information collected from assessment questionnaires was graphically presented, both for each course and for the program as a whole.
- 2) List of officials trained and officials who could not receive the certificate corresponding to the respective course. As far as this point is concerned, the UPO committed to deliver the certificates owed to the respective participants.

- 3) Main opinions gathered from participants.
- 4) Preparation of the different reports.

People who took part in the meeting were given the files containing the graphical information of assessments, the list of officials trained and the list of officials who were not given the certificate. Besides, a file was provided with the Spanish version of the first technical report on the Tijuana and Nuevo Laredo courses.

ANNEXES

ANNEX 1. SCHEDULE

Schedule:

	First day, September 13	
08:30	Opening session	UPO/SEMARNAT UNIDO
08:45	Introduction	Intern. Consultant
	<ul style="list-style-type: none"> - Expected results from the training programs for Customs officers - Display of materials to be used in the training. 	
09:00	Session 1: Depletion of the Ozone Layer	
	<ul style="list-style-type: none"> - Science of the ozone layer. - Consequences of ozone layer depletion on the environment and on the health of human beings - Video "The Ozone Layer in a Test Tube" (approx. 10'). - Debate. 	Intern. Consultant
09:45	Session 2: International Response	Intern. Consultant
	<ul style="list-style-type: none"> - International response; the Montreal Protocol and its Amendments. - Elimination schedule and strategies for countries operating under Art. 2 and for countries operating under Art. 5 - Similar international agreements. - Debate. 	
10:30	Break (15').	

10:45	Session 3: National Response	UPO/SEMARNAT
	<ul style="list-style-type: none"> - General overview of ODS national consumption - ODS import/exports profile in Mexico. - Elimination national responsibilities. - National response: Refrigerants Management Plan - Debate. 	
11:30	Session 4: Import/export license national system	UPO/SEMARNAT
	<ul style="list-style-type: none"> - Institutional framework - ODS related national regulations. - Imports/Exports license national system structure. - Institutional organization and procedures to manage the system. - Import quotas, permission requests and authorized quantities - SAO monitoring and control system (SISSAO) - Debate. 	
12:15	Break	
12:30	Session 5: ODS and ODS containing products (names, labels and packages)	Intern. Consultant
	<ul style="list-style-type: none"> - Different ways to identify ODS: trade names, chemical names, formulae. - CAS, ASHRAE and NU numbers. - Risk classification. - Harmonized System codes for pure ODS and for ODS containing blends. - Identification of equipment and products containing ODS. Harmonized System code. - Identification of refrigerants: analyzers and pressure-temperature method. - ODS packaging types 	

	<ul style="list-style-type: none"> - Color code for ODS containing packages. - Examples of ODS packages and labels. - Debate. 	
13:30	Lunch	
15:30	Session 6: Global and regional context	Intern. Consultant
	<ul style="list-style-type: none"> - Production and trade of ODS and ODS containing products worldwide. - Transfer ports, production, elimination, regeneration facilities in the region. - Debate 	
15:45	Session 7: ODS and ODS containing products illegal traffic	Intern. Consultant
	<ul style="list-style-type: none"> - Illegal traffic world context; causes and tendencies - Detection of illegal traffic at local, regional and international level. - Smuggling categories. - Prevention of illegal traffic. - Tips for document control and physical recognition. - Role of international cooperation and intelligence in prevention and detection of ODS illegal traffic - Video "Nothing to declare" - Debate 	
17:00	END OF THE FIRST DAY	
	Second day, September 14	
09:00	Session 8: ODS safe handling, transportation and storage.	Intern. Consultant
	<ul style="list-style-type: none"> - Chemical information about ODS for Customs officers. - Safe handling of ODS and ODS containing 	

	<p>products.</p> <ul style="list-style-type: none"> - Safe transportation and handling of ODS and ODS containing products. - ODS safe sampling; people authorized to take samples and to use refrigerants identifiers. - Debate. 	
09:30	Session 9: Operation of refrigerants identifier (theory)	Intern. Consultant
	<ul style="list-style-type: none"> - General overview - Operating warnings - Pre-operation procedure - Operation - Post-operation procedure - Service and maintenance 	
10:30	Break	
10:45	Session 10: Operation of refrigerants identifier (practice)	Intern. Consultant
	<ul style="list-style-type: none"> - Example of refrigerants identifier use by the international consultant - Participants practice with the refrigerants identifier equipment. 	
12:15	Break	
12:30	Session 11 (group work): General practical cases for Customs inspectors	Intern. Consultant
	<ul style="list-style-type: none"> - Guidelines for the work. - Organization of study groups. - Group work. - Presentation of each group findings. - Debate. 	
13:45	Lunch	
15:30	Session 12: Practical course about the system to control and follow up ozone depleting substances.	Consultant from QUADRANTIX

17.00	Course assessment by participants	
17.15	Closing session and certificate ceremony	UPO/SEMARNAT UNIDO
18.00	Closing cocktail	

ANNEX 2. LIST OF TRAINED GOVERNMENT OFFICIALS

A. Tijuana course

Name	Telephone	E-mail	Customs/ PROFEPA	Address
Jose Orlando Medivil Gil	633- 1020641	orlandomendivil@hotmail.com	Aduana Agua Prieta, Son. (Customs)	Av Panamericana s/n Calle Primera
Martin Jorge Cuevas Garibay	646- 1788327	martin_cuevas@hotmail.com	Aduana Ensenada (Customs)	Interior Recinto Portuario s/n Zona Centro CP 22800 Ensenada BC
Iban de Jesus Carranza Espinoza	662- 1485971	ibann28@hotmail.com	Aduana Guaymas (Customs)	Av. Serdan Guaymas, Son
Francisco Javier Contreras Esquer	633- 3340098	javier_esquere@yahoo.com	Naco, Sonora (Customs)	Fco. I Madero # 5 Col Centro C.P 84180 Naco, Sonora
Juan Arturo Monquia Bravo	631- 3110301	juan1003@hotmail.com	Aduana Nogales (Customs)	Corredor Fiscal Km 125 Puerto Fronterizo Nog. III Plataforma Importación Nogales, Son
Jorge Ramirez Flores	53-62958	jorgeramirez12345@hotmail.com	Aduana San Luis Rio Colorado (Customs)	Av Carlos G Calles entre 2da y 3ra plataforma Col Centro CP 83400

Anguel Díaz González	651-5123027		Sonayta, Sonora (Customs)	Garita Sn. Euterio s/n Km 27.5 Carretera Sonoyta, Sonora
Alicia Nelly Alzina Peñalosa	665-4-99-15		Aduana Tecate, B.C. (Customs)	Calle Cardenas y Callejon Madero 201 Zona Centro Tecate, B.C. CP21400
Blanca Escalante Lizardo	664-624-2258	eau366bi@sat.gob.mx	Aduana Tijuana, B.C. (Customs)	Garita de Otay s/n Mesa de Otay Tijuana B.C. CP 22500
C.P Maria Luisa Rivera Cervantes	686-5515223		Mexicali (PROFEPA)	Av. Abelardo L. Rodriguez s/n Col. Alamitos CP 21210 Mexicali, B California
Ing. Amanda Cortéz Morales	686-5689290	mandy_cortez@hotmail.com	Mexicali (PROFEPA)	Av. Lic. Alfonso García González # 555 Col. Profesores Federales, Mexicali B.C CP 21370
Ing. Antonio González Cervantes	686-5689260	antonioogocer@hotmail.com	Mexicali (PROFEPA)	Av. Lic. Alfonso García González # 555 Col. Profesores Federales, Mexicali B.C CP 21370
Ing. Barbara Ochoa Sanchez	686-5689260	barbaraochoasanchez@hotmail.com	Mexicali (PROFEPA)	Av. Lic. Alfonso García González # 555 Col. Profesores Federales, Mexicali B.C CP 21370
Ing. Irma Yanire Castro Guerrero	686-5689260	yanire_catillo@hotmail.com	Mexicali (PROFEPA)	Av. Lic. Alfonso García González # 555 Col. Profesores Federales, Mexicali B.C CP 21370
Quim. Jesus Jiménez Payón	686-5689260	jipayan1949@yahoo.com.mx	Mexicali (PROFEPA)	Av. Lic. Alfonso García González # 555 Col. Profesores Federales, Mexicali B.C CP 21370

Ing. Héctor Gpe. Duarte Guzmán	662-2175453	auditoria_son@correo.profeпа.gob.mx	Sonora (PROFEPA)	Escobedo # 80 Cd Centro Hermosillo, Sonora
I.Q. Jorge Alberto Velázquez Bacasegua	664-6347334	gavb78@hotmail.com	Tijuana (PROFEPA)	C. David Alfonso Siqueiros # 2789 Int. 201 Zona Rio, Tijuana, B.C.
Q.F.B. Enrique Rosales Reynaga	664-6347334	charlesr@hotmail.com	Tijuana (PROFEPA)	C. David Alfonso Siqueiros # 2789 Int. 201 Zona Rio, Tijuana, B.C.

B. Nuevo Laredo Course

Name	Telephone	E-mail	Customs/ PROFEPA.	Address
Luis Antonio González Arias	(01877) 772-5066	garluis@hotmail.com	Cd. Acuña (Customs)	Miguel Hidalgo y Nicolás Bravo S/N, Edificio Puerto de México, C.P. 26200, Ciudad Acuña, Coahuila
Nora Isela Trejo Rodríguez	(01981) 974-3551 Ext. 28115		Cd. Camargo (Customs)	Carretera Puente Internacional Km. 6, C.P. 88440, Ciudad Camargo, Tamaulipas
Felipe Ángel Zamora Álvarez	(01656) 8920-301 y 8920-350	rodolfo.torres@sat.gob.mx	Ciudad Juárez (Customs)	Puente Libre de Córdoba S/N, Área Chamizal, C.P. 32310, Ciudad Juárez, Chihuahua

Mauricio Castañeda Aguilar				Matamoros (Customs)	Acción Cívica y División del Norte S/N, Col. Doctores, C.P. 87460, Matamoros, Tamaulipas
Carlos Medellín Castelló	(01897) 972-1018			Miguel Alemán (Customs)	Av. Hidalgo y Calle 1 S/N, Col. Centro, C.P. 88300, Miguel Alemán, Tamaulipas.
Luis Miguel López López	(01867) 724-2027 y 711-3224			Nuevo Laredo (Customs)	Ocampo No. 101, esquina 15 de Junio, Plataforma Fiscal Sector Centro, C.P. 88000, Nuevo Laredo, Tamaulipas
Mario Humberto Romo Uribe	(01626) 453-2482		mario.romo@sat.gob.mx	Ojinaga (Customs)	Calle Zaragoza y Bolívar S/N, Sector Centro, C.P. 32881, Ojinaga, Chihuahua
Diana Isabel Flores Sánchez	(01878) 782-6551			Piedras Negras (Customs)	Zaragoza y Fuentes S/N, Edif. Aduanas, Col. Centro, C.P. 26000, Piedras Negras, Coahuila
Jesús Ramón Astorga Barrera	(01656) 227-1201 ext. 28308			Puerto Palomas (Customs)	Av. Internacional y 5 de Mayo S/N, Col. Centro, C.P. 31830, Puerto Palomas, Chihuahua
Verónica Alemán Luna	(018999) 21-1983 y 21-0219		veronica_aleman@hotmail.com	Reynosa (Customs)	Blvd. Luis Donaldo Colosio S/N, Cruce de Puente Internacional, C.P. 88577, Ciudad Reynosa, Tamaulipas
Biol. Laura Olivia De La Rosa Mosqueda	(01656) 611-0220 Ext. 22; Fax: (01656) 611-0198		liliagonzalezb@prodigy.net.mx; dictamen_chib@correo.profepa.gob. mx	Chihuahua (PROFEPA)	Blvd. Fuente Mares No. 9401, Primer Piso, Col. Avalos, C.P. 9401, Chihuahua, Chihuahua.

<p>Biol. Pablo González Valadez</p>	<p>(01844) 485-0981 ext. 13; Fax: (01844) 4850981 al 84</p>	<p>delegado_coah@correo.profepa.gob.mx</p>	<p>Coahuila (PROFEPA)</p>	<p>Dr. Lázaro Benavides No. 835 Nte. Entre calle Canadá y Blvd. Nazarios Ortiz Garza</p>
<p>Lic. Patricia Eugenia Moreno Cazares</p>	<p>(0181) 8355-1102; (0181) 8354-9806 ext. 12; Fax (0181) 8355-1094</p>	<p>delegado_nl@correo.profepa.gob.mx</p>	<p>Nuevo León (PROFEPA)</p>	<p>Av. Benito Juárez y Corregidora, Palacio Federal, 2°. Piso, Col. Zona Centro, C.P. 67100, Guadalupe, Nuevo León.</p>
<p>Biol. Elia Carrera Hernández</p>	<p>(01834) 3128-663 ext. 105; Fax: (01834) 3153-830</p>	<p>eliacarrera_hdz@hotmail.com</p>	<p>Tamaulipas (PROFEPA)</p>	<p>Calle Hidalgo Esq. Con F. Legorreta No. 426 Pte., Col. Zona Centro, Cd. Victoria, Tamaulipas</p>
<p>Ing. Mauricio Trejo</p>	<p>5520-5301</p>	<p>mauricio.trejo@onudi.org.mx</p>	<p>UNIDO</p>	<p>Puente de Tecamachalco # 26. México D.F.</p>

C. Manzanillo course

Nombre	Telefono	Correo electronico	Aduana/ Delegación PROFEPA	Domicilio
Constantino Uruñuela Fey	(01744) 3434- 0503	Constantino.urunuela@sat.gob.mx	Acapulco (Customs)	Av. Costera Miguel Alemán S/N, Malecón Fiscal, Col. Centro, C.P. 39300, Acapulco, Guerrero
Eduardo Morales Ramírez	(0155) 9157 4152		ACLSC (Customs)	Calzada Legaría No. 608, Col. Irrigación, Delegación Miguel Hidalgo, C.P. 11500, México, D.F.
Jesús Soto Blanco	(0155) 9157 4151		ACLSC (Customs)	Calzada Legaría No. 608, Col. Irrigación, Delegación Miguel Hidalgo, C.P. 11500, México, D.F.
Luis Miguel Lara Ángeles	(0155) 91574114 y 91574164	luis.lara@sat.gob.mx	ACLSC (Customs)	Calzada Legaría No. 608, Col. Irrigación, Delegación Miguel Hidalgo, C.P. 11500, México, D.F.
Samuel Sierra Galván	(0155) 9157 4107		ACLSC (Customs)	Calzada Legaría No. 608, Col. Irrigación, Delegación Miguel Hidalgo, C.P. 11500, México, D.F.

Guadalupe del Rocío Sánchez Ramírez	(01612) 123-0371		La Paz (Customs)	Álvaro Obregón esq. Ignacio Bañuelos Cabezud S/N, Edificio de la SHCP, 2° Piso, Col. Centro, C.P. 23000, La Paz, B.C.S.
Marta Laurrabaquio	(01753) 533-3201		Lázaro Cárdenas (Customs)	Melchor Ocampo No. 32, Edificio Curacreto, 2° Piso, Col. Segundo Sector de Fideicomiso, C.P. 60950, Lázaro Cárdenas, Michoacán
Manuel Dávila Arreola	(01314) 331-1562	manuel.davila@sat.gob.mx	Manzanillo (Customs)	Av. Teniente Azueta S/N, Edificio Federal, Primer Piso, Col. Burócrata, C.P. 28250, Manzanillo, Colima.
Eduardo Silva Ontiveros	(01669) 981-1570 y 982-0160		Mazatlán (Customs)	Venustiano Carranza No. 107 Sur, Col. Centro, C.P. 82000, Mazatlán, Sinaloa
Roberto Ibarra Torres	(0155) 9158-3719 Ext. 88335	roberto.ibarra@sat.gob.mx	Pantaco (Customs)	Av. Cuitláhuac y F.F. C.C. S/N, Col. Cosmopolita, Delegación Azcapotzalco, C.P. 02670, México, D.F.
José Gregorio Carmona León	(01971) 714-1291 y 714-1239		Salina Cruz (Customs)	Calle Miramar S/N entre Manuel Ávila Camacho y 5 de Mayo, Col. Canta Ranas, C.P. 70680, Salina Cruz, Oaxaca

Ing. Daniel Muñoz Vega	(01612) 125-5884 ext. 103 y 104 y (01612) 123-0502	subdelegacion_bcs@correo.profepa.gob.mx, mdaniel_1209@hotmail.com	Baja Cal. Sur (PROFEPA)	Colima No. 320 entre Guillermo Prieto y Aquiles Serdán, Col. Pueblo Nuevo, C.P. 23060, La Paz, Baja California Sur
Ing. Javier Martínez Rivera	(01312) 312-7473 ext. 11, Fax: (01312) 313-3874	delegado_col@correo.profepa.gob.mx	Colima (PROFEPA)	Manuel Acuña 493 (Esq. J. Jesús Ponce), Col. Lomas de Circunvalación, C.P. 28010, Colima, Colima.
Ing. Rebeca Rolón Llamas	(01312) 312-7473 ext. 11, Fax: (01312) 313-3874	delegado_col@correo.profepa.gob.mx	Colima (PROFEPA)	Manuel Acuña 493 (Esq. J. Jesús Ponce), Col. Lomas de Circunvalación, C.P. 28010, Colima, Colima.
Ing. Zully Nayeli Magallanes Telumbre	(01744) 4482-1651 ext. 101, Fax: (01744) 4482-1690	delegado_gro@correo.profepa.gob.mx	Guerrero (PROFEPA)	Dr. Gabriel Leyva Alarcón S/N Esq. Rufo Figueroa, Col. Burócratas, C.P. 39090, Chilpancingo de los Bravo, Guerrero
Oscar Chavez Nolazquez	(01312) 312-7473 ext. 11, Fax: (01312) 313-3874	delegado_col@correo.profepa.gob.mx	Manzanillo (PROFEPA)	Manuel Acuña 493 (Esq. J. Jesús Ponce), Col. Lomas de Circunvalación, C.P. 28010, Colima, Colima.
Ing. Efraín Márquez Duarte	(01443) 312-9763 ext. 22, Fax: (01443) 312-4586	delegado_mich@correo.profepa.gob.mx	Michoacán (PROFEPA)	Aquiles Serdán No. 324, Col. Centro, C.P. 58000,

Lic. Isaac Jonathan García Perede	(016677) 134-640 ext. 16731, Fax: (016677) 165-106	delegado_sin@correo.profepa.gob.mx	Sinaloa (PROFEPA)	Prolongación Ángel Flores No. 1248-201 Poniente, Col. Centro, C.P. 80000, Culiacán, Sinaloa
Roberto Remes Tello de Meneses	5589-8550, 54900900 Ext. 1501	delegado_zmvm@correo.profepa.gob.mx	ZMVM (PROFEPA)	Blvd. El Pipila No. 1, Col. Tecamachalco, C.P. 53950, Nautcalpan de Juárez, Estado de México

D. Veracruz Course

Nombre	Telefono	Correo electronico	Aduana/ Delegación PROFEPA	Domicilio
Gerardo Martínez Delgado	(01833) 260-2402 Ext. 28019		Altamira (Customs)	Puerto Industrial de Altamira, Recinto Fiscal, C.P. 89600, Altamira, Tamaulipas
Maria Eugenia Avenidaño Silva	(01962) 620 2015		Cd. Hidalgo (Customs)	Puerto Fronterizo Suchiate II, Carretera Federal 200, C.P. 30840, Ciudad Hidalgo, Municipio de Suchiate, Chiapas

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Luis Armando Domínguez Sosa	(01921) 211-0149		Coatzacoalcos (Customs)	Interior del Recinto Fiscal S/N, Zona Franca, Col. Centro, C.P. 96400, Coatzacoalcos, Veracruz
William Ariel Sánchez Villacís	(01969) 934-3002		Progreso (Customs)	Calle 25 y 32 S/N, Entrada Viaducto, Muelle Fiscal, C.P. 97320, Progreso, Yucatán
Alejandro de Jesús Ramírez Portilla			Subte. López (Customs)	Av. México No. 51, Poblado de Subteniente López, C.P. 77900, Subteniente López, Quintana Roo
Lilia Lucero Ibarra Román	(01833) 229-0238		Tampico (Customs)	Av. Express S/N, Interior del Recinto Fiscal, Zona Centro, C.P. 89000, Tampico, Tamaulipas
Pablo Mejía Nájera			Veracruz (Customs)	Carretera a la Barra Sur Km. 8, C.P. 92800, Tuxpan, Veracruz
Salvador Sánchez Martínez			Veracruz (Customs)	Interior Recinto Fiscal Km. 3 ½ Carretera San Juan de Ulua, C.P. 91700, Veracruz, Veracruz
Gilbert Rodríguez Duarte	(01981) 815-2392, (01981) 815-2391 ext. 102, Fax: (01981) 815-2392	delegado_camp@correo.profepa.gob.mx	Campeche (PROFEPA)	Av. de las Palmas S/N Planta Alta, Col. San Francisco ó La Ermita, C.P. 24010, Campeche, Campeche.

Ing. Luis Alberto Ballinas Hernández	(01961) 1403020, (01961) 1403032, (01961) 1403034	delegado_chis@correo.profepa.gob.mx	Chiapas (PROFEPA)	Av. Central Oriente No. 725, Col. Centro, C.P. 29000, Tuxtla Gutiérrez, Chiapas.
Biol. José Juan R. Martínez Ramos	5589-8550, 54900900 Ext. 1501	delegado_zmvm@correo.profepa.gob.mx	Delegación Metropolitana (PROFEPA)	Blvd. El Pipila No. 1, Col. Tecamachalco, C.P. 53950, Naucalpan de Juárez, Estado de México
Ing. Felipe Sánchez Valdovinos	(01983) 832-2865, Fax: (01983) 832- 2865, Red 16715 y 16720	delegado_qroo@correo.profepa.gob.mx, admon_qroo1@yahoo.com.mx	Quintana Roo (PROFEPA)	Calle Génova No. 210 Esq. Roma, Col. Nueva Italia, C.P. 77035, Othon P. Blanco, Quintana Roo
Ing. Mario Enrique Morales García	(01993) 351-2948, (01993) 351-1363, Fax: (01993) 351- 1373	auditoria_tab@correo.profepa.gob.mx	Tabasco (PROFEPA)	Calle Ejido Esq. Hidalgo, Col. Tamulte de las Barrancas, C.P. 86150, Centro, Tabasco

Ing. José Antonio Segura Vázquez	(01228) 812-2383, (01228) 818-5668 ext. 23	jesuscastellanos70@hotmail.com, delegado_ver@correo.profepa.gob.mx	Veracruz (PROFEPA)	5 de Febrero No. 11, Col. Zona Centro, C.P. 91000, Xalapa, Veracruz-Llave
Ing. José de Jesús Castellanos Yépez	(01228) 812-2383, (01228) 818-5668 ext. 23	delegado_ver@correo.profepa.gob.mx, jesuscastellanos70@hotmail.com	Veracruz (PROFEPA)	5 de Febrero No. 11, Col. Zona Centro, C.P. 91000, Xalapa, Veracruz-Llave
QBB. Miguel Angel Amaya Alejos	(01999) 923-3118, (01999) 928-2249 ext. 101, Fax: (01999) 923-3128	delegado_yuc@correo.profepa.gob.mx	Yucatán (PROFEPA)	Calle 60 No. 408 entre 45 y 43, Col. Centro, C.P. 97000, Mérida, Yucatán.

ANNEX 3. LIST OF TRAINERS

A. Tijuana Course

Eng. Gustavo Adolfo Torres

International Consultant

Realidades Consultoría Empresaria S.A.

Address: Uruguay 772, 6° 61°. C1015ABP

Buenos Aires – Argentina

Tel: (54-11) 4374-6700

E-mail: gtorres@realidades-consult.com.ar

Lic. Agustín Sánchez Guevara

Ozone Layer Protection Unit Coordinator

SEMARNAT

Address: Av. Revolución 1425 – Nivel 39

Col. Tlacopac San Ángel. C.P. 01040.

Mexico D.F. – Mexico

Tel: (5255) 5624-3552

E-mail: agustin.sanchez@semarnat.gob.mx

Hugo Flores Aguilar

Commercial Director

Quadrantix, S.A. de C.V.

Address: Plaza Necaxa N° 6 Int. 604

Col. Cuauhtémoc, C.P. 06500.

Mexico D.F. – Mexico

Tel.: (5255) 5207-1777

E-mail: hflores@quadrantix.com

Other active participants to the course were:

Lic. Marcela Nolazco from UNIDO.

Eng. Martín Salas from the Ozone Layer Protection Unit (SEMARNAT)

Eng. David Murillo Herrera from the technical service at the company Quimobásicos, S.A. de C.V.

B. Nuevo Laredo Course

Eng. Gustavo Adolfo Torres

International Consultant

Realidades Consultoría Empresaria S.A.

Address: Uruguay 772, 6° 61°. C1015ABP

Buenos Aires – Argentina

Tel: (54-11) 4374-6700

E-mail: gtorres@realidades-consult.com.ar

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Col. Tlacopac San Ángel. C.P. 01040.

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Tel: (5255) 5624-3552

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Col. Cuauhtémoc, C.P. 06500.

Mexico D.F. – Mexico

Tel.: (5255) 5207-1777

E-mail: hflores@quadrantix.com

Other active participants to the course were:

Lic. Ramiro Magaña, UNIDO National Coordinator.

Lic. Marcela Nolzco from UNIDO.

Eng. Martín Salas from the Ozone Layer Protection Unit (SEMARNAT)

Eng. David Murillo Herrera from the technical service at the company Quimobásicos, S.A. de C.V.

C. Manzanillo Course

Eng. Gustavo Adolfo Torres

International Consultant

Realidades Consultoría Empresaria S.A.

Address: Uruguay 772, 6° 61°. C1015ABP

Buenos Aires – Argentina

Tel: (54-11) 4374-6700

E-mail: gtorres@realidades-consult.com.ar

Eng. Martín Salas

Ozone Layer Protection Unit

SEMARNAT

Address: Av. Revolución 1425 – Nivel 39

Col. Tlacopac San Ángel. C.P. 01040.

Mexico D.F. – Mexico

Tel: (5255) 5624-3552

E-mail: martin.salas@semarnat.gob.mx

Eng. Francisco Flores Aguilar

IT Development Director

Quadrantix, S.A. de C.V.

Address: Plaza Necaxa N° 6 Int. 604

Col. Cuauhtémoc, C.P. 06500.

Mexico D.F. – Mexico

Tel.: (5255) 5207-1777

E-mail: fflores@quadrantix.com

Other active participants to the course were:

Lic. Marcela Nolazco from UNIDO.

Lic. Agustín Sánchez Guevara from the Ozone Layer Protection Unit (SEMARNAT).

Eng. David Murillo Herrera from the technical service at the company Quimobásicos, S.A. de C.V.

D. Veracruz Course

Eng. Gustavo Adolfo Torres

International Consultant

Realidades Consultoría Empresaria S.A.

Address: Uruguay 772, 6° 61°. C1015ABP

Buenos Aires – Argentina

Tel: (54-11) 4374-6700

E-mail: gtorres@realidades-consult.com.ar

Eng. Martín Salas

Ozone Layer Protection Unit

SEMARNAT

Address: Av. Revolución 1425 – Nivel 39

Col. Tlacopac San Ángel. C.P. 01040.

Mexico D.F. – Mexico

Tel: (5255) 5624-3552

E-mail: martin.salas@semarnat.gob.mx

Eng. Francisco Flores Aguilar

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Address: Plaza Necaxa N° 6 Int. 604

Col. Cuauhtémoc, C.P. 06500.

Mexico D.F. – Mexico

Tel.: (5255) 5207-1777

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Eng. David Murillo Herrera from the technical service at the company Quimobásicos, S.A. de C.V.

ANNEX 4. ASSESSMENT BY COURSE PARTICIPANTS

The following questionnaire, which can be found on pages 157 and 158 of the *Handbook to Train Customs Officers*, was answered by participants to the workshops. The results to this questionnaire can be seen on the charts that follow. The grade "1" means unsatisfactory and "5" excellent.

A. Assessment Questionnaire

1. What is your overall evaluation the course?

1 2 3 4 5

2. Did the course provide the information you expected?

1 2 3 4 5

3. Was communication between participants possible and useful?

1 2 3 4 5

4. Was the composition of the audience adequate?

1 2 3 4 5

5. As far as the content of the presentation are concerned, did you find them adequate in explaining the following issues?:

a) Environmental and human health consequences of ozone layer depletion?

1 2 3 4 5

b) International response to ozone layer depletion (Montreal Protocol)?

1 2 3 4 5

c) National obligations and phase out strategy (RMP)?

1 2 3 4 5

d) Regulatory framework for the national import/export license system?

1 2 3 4 5

e) Prevention of illegal trade of ODS?

1 2 3 4 5

f) Role of customs officers in enforcing the import/export license system?

1 2 3 4 5

g) Role of other stakeholders in implementing the import/export license system?

1 2 3 4 5

h) How to identify ODS and equipment containing SAO and the use of ODS identifying equipment?

1 2 3 4 5

i) Issues relating to safe storage and handling of ODS?

1 2 3 4 5

j) Data reporting requirements and procedures?

1 2 3 4 5

k) Enforcement, penalties and prevention of illegal traffic?

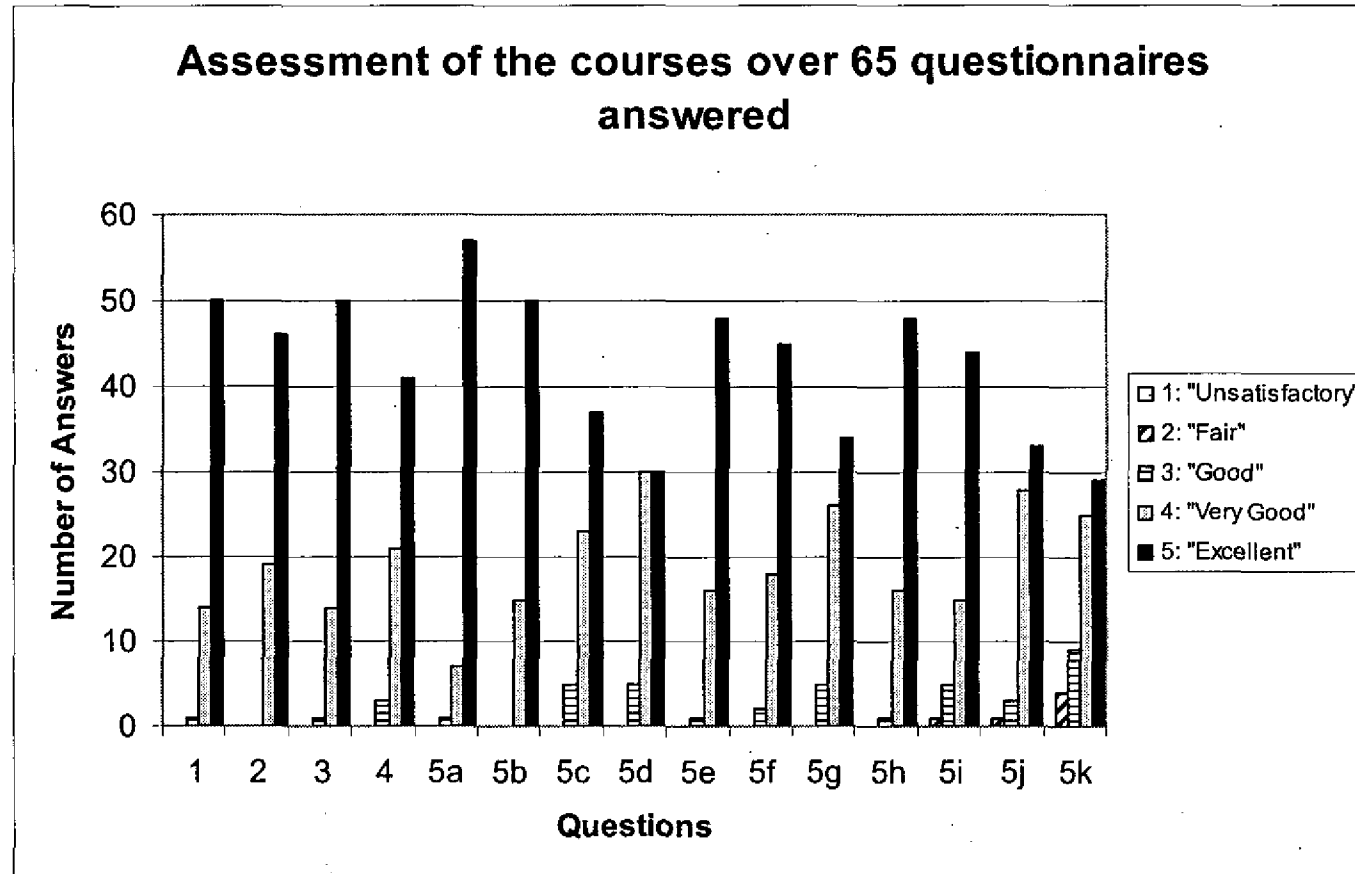
1 2 3 4 5

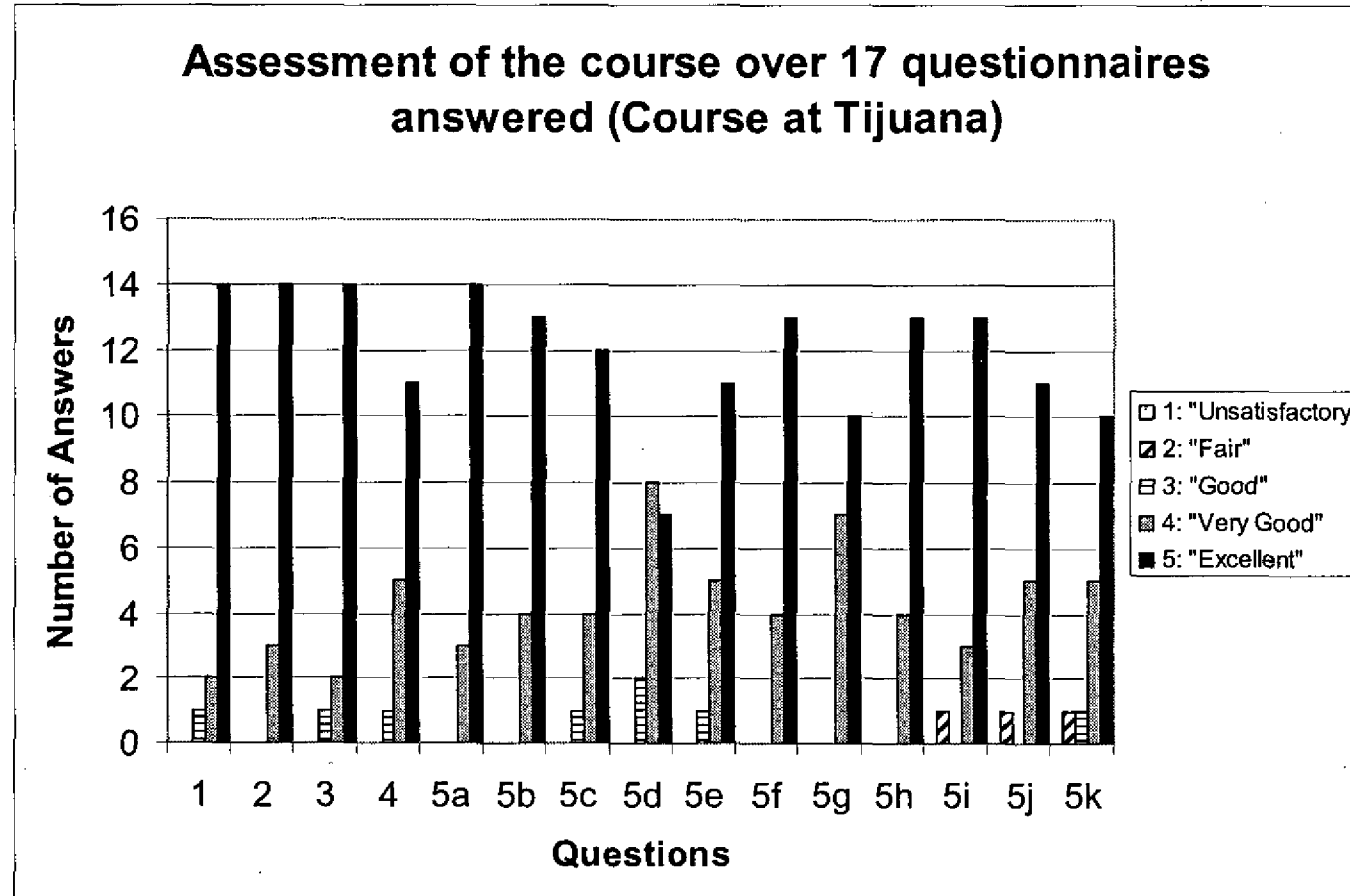
6. Can you think of any additional material that should be included in the "Training Manual for Customs Officers" to enable it to better achieve its goals?

7. Can you think of any additional material that should be included in the "Country Handbook" to enable it to better achieve its goals?

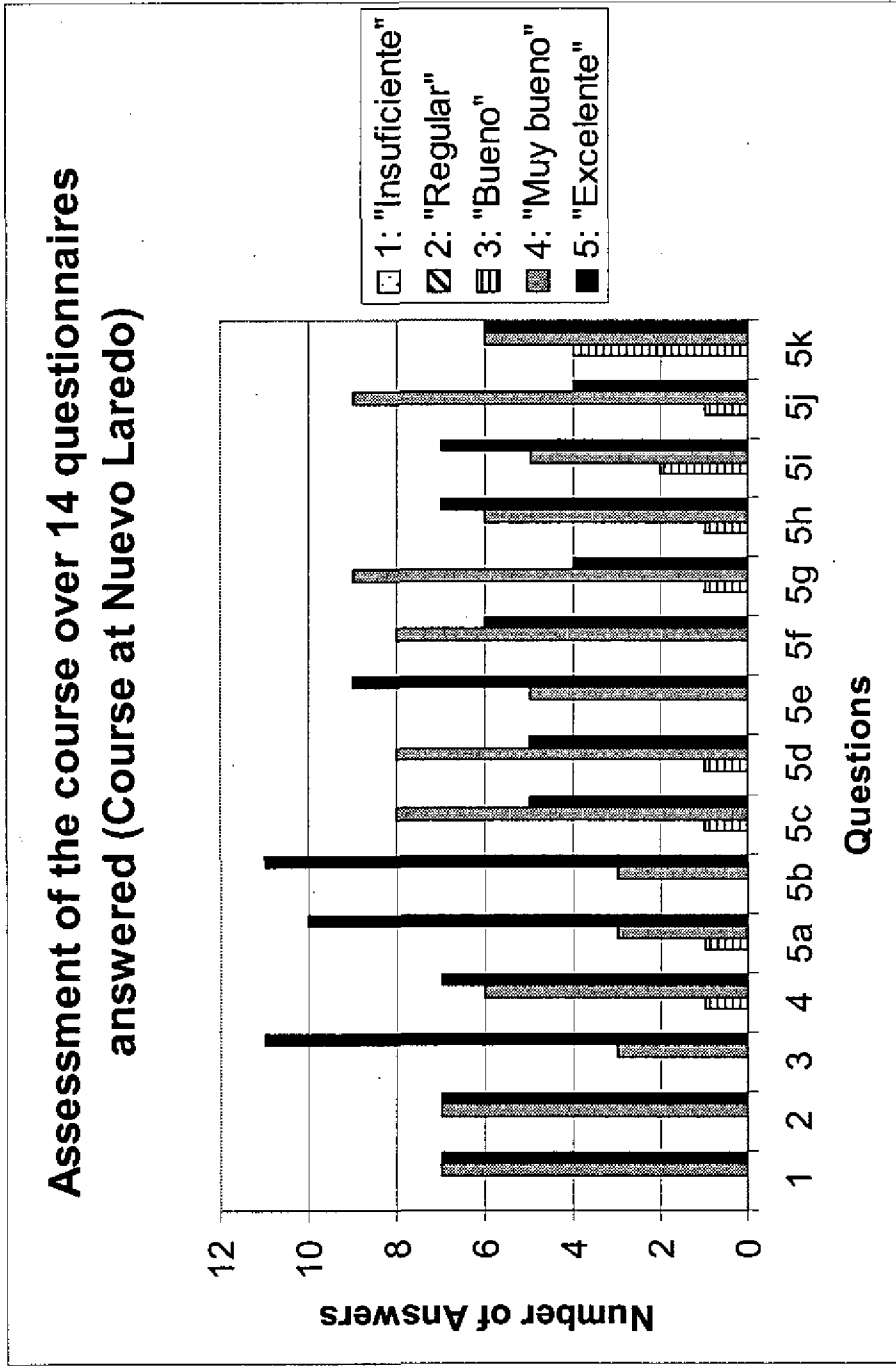
8. Please give additional comments about the quality of the course and how similar courses could be improved.

B. Overall assessment of the courses



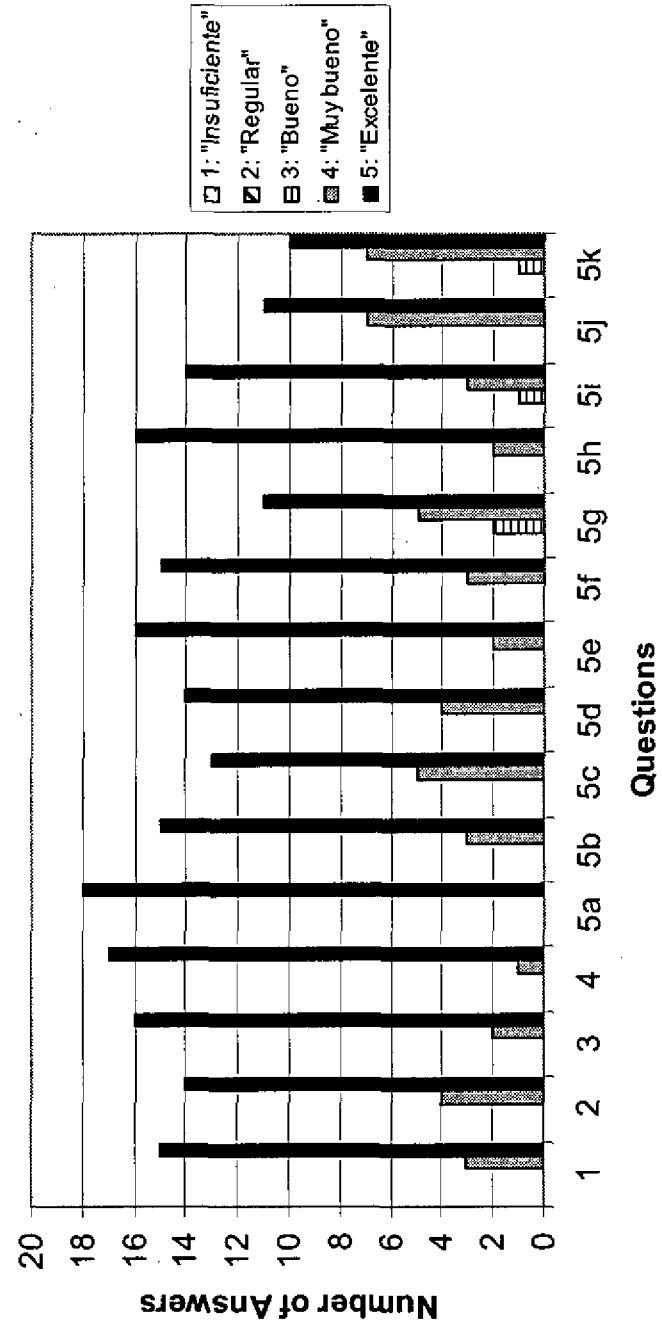
C. Assessment of the course at Tijuana

D. Assessment of the course at Nuevo Laredo

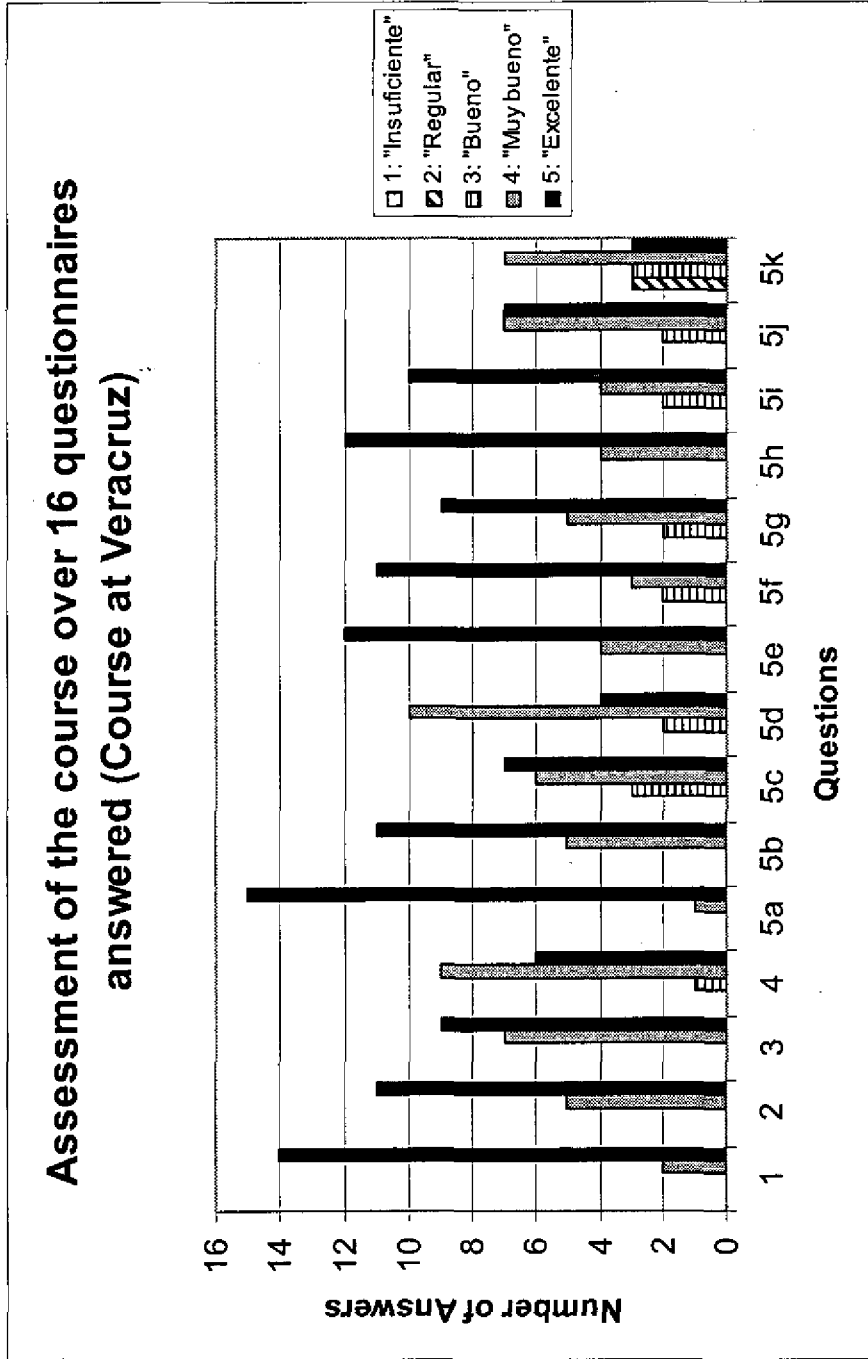


E. Assessment of the course at Manzanillo

Assessment of the course over 18 questionnaires answered (Course at Manzanillo)



F. Assessment of the course at Veracruz



ANNEX 5. CERTIFICATE GIVEN TO OFFICERS AFTER THE TRAINING



SEMARNAT, ONUDI y ADUANA MÉXICO

otorgan el presente, reconocimiento a

XXX XXX XXX

por su distinguida participación en el curso
*“Detección, Identificación y Tráfico Ilegal de Sustancias
Agotadoras de la Capa de Ozono”*

M. EN C. ANA MARÍA CONTRERAS V.
Directora General de Gestión de la
Calidad del Aire y RETC
SEMARNAT

LIC. RAMIRO MAGAÑA
Coordinador Nacional
ONUDI

LIC. FRANCISCO SERRANO ARAMONI
Administrador Central de Laboratorio
y Servicios Científicos
ADUANA MÉXICO - SAT

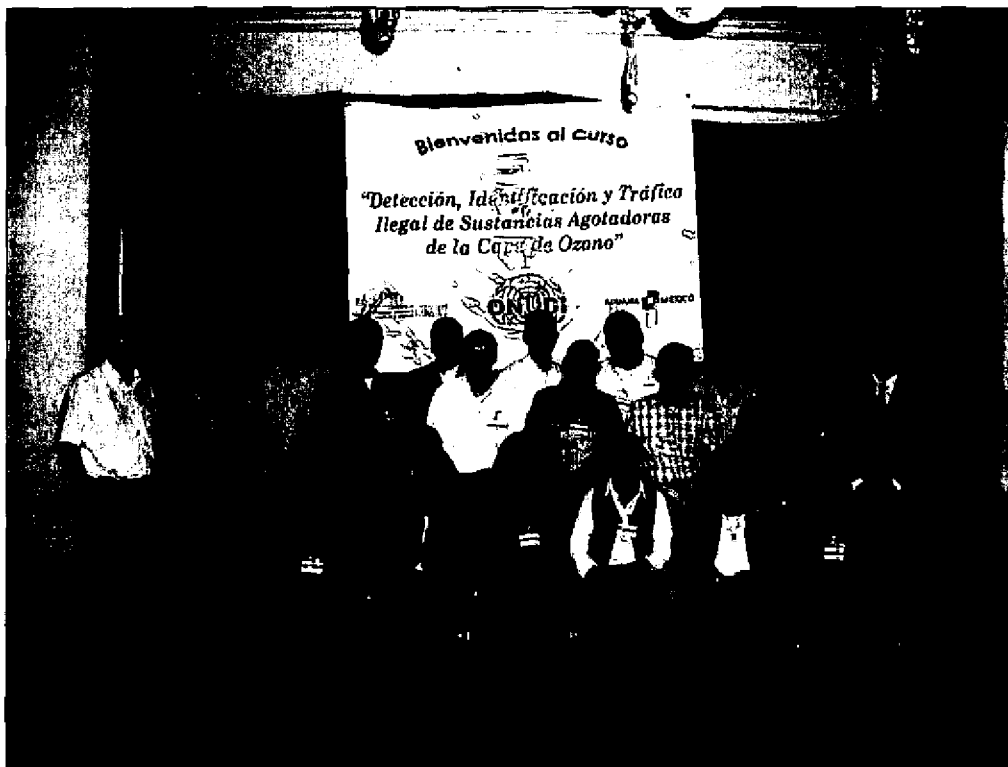
14 de Septiembre de 2005

ANNEX 6. PHOTOS OF COURSE PARTICIPANTS

A. Tijuana Course



B. Nuevo Laredo Course



C. Manzanillo Course



D. Veracruz Course



ANNEX 7. PREPARATION OF THE PRELIMINARY MEETING

A. Preliminary Meeting's Agenda

1. Subjects of the courses, Agenda (starting time, breaks, lunch) and equipment to be used in the presentation (PC with sound and video projecting equipment, blackboard and/or flip chart, identifying equipment, gas cylinders).
2. Material to be handed over to participants.
3. Definition of UPO participation in the presentation (national legislation, license system, Customs procedures eventually).
4. Participants' profile.
5. Certificate of course approval (logotypes, style, participants' names).
6. Technical literature of the identifying equipments and, as far as possible, operation tests.
7. Logistics of the courses.
8. Accommodation issues.

B. Agenda Proposed for Each Course

First day

- | | | |
|-------|--|-----------------------|
| 08:30 | Opening session | UPO/SEMARNAT
UNIDO |
| 08:45 | Introduction <ul style="list-style-type: none"> - Expected results from the training programs for Customs officers - Display of materials to be used in the training. | Intern. Consultant |
| 09:00 | Session 1: Depletion of the Ozone Layer <ul style="list-style-type: none"> - Science of the ozone layer. - Consequences of ozone layer depletion on the environment and on the health of human beings | Intern. Consultant |

13:45 **Session 5: ODS and ODS containing products (names, labels and packages)** Intern. Consultant

- Different ways to identify ODS: trade names, chemical names, formulae.
- CAS, ASHRAE and NU numbers.
- Risk classification.
- Harmonized System codes for pure ODS and for ODS containing blends.
- Identification of equipment and products containing ODS. Harmonized System code.
- Identification of refrigerants: analyzers and pressure-temperature method.
- ODS packaging types
- Color code for ODS containing packages.
- Examples of ODS packages and labels.
- Debate.

15:15 Break

15:30 **Session 6: Global and regional context** Intern. Consultant

- Production and trade of ODS and ODS containing products worldwide.
- Transfer ports, production, elimination, regeneration facilities in the region.
- Debate

15:45 **Session 7: ODS and ODS containing products illegal traffic** Intern. Consultant

- Illegal traffic world context; causes and tendencies
- Detection of illegal traffic at local, regional and international level.
- Smuggling categories.
- Prevention of illegal traffic.

- Tips for document control and physical recognition.
- Role of international cooperation and intelligence in prevention and detection of ODS illegal traffic
- Video "Nothing to declare"
- Debate

17:00 END OF THE FIRST DAY

Second day

09:00 **Session 8: ODS safe handling, transportation and storage.** Intern. Consultant

- Chemical information about ODS for Customs officers.
- Safe handling of ODS and ODS containing products.
- Safe transportation and handling of ODS and ODS containing products.
- ODS safe sampling; people authorized to take samples and to use refrigerants identifiers.
- Debate.

09:30 **Session 9: Operation of refrigerants identifier (theory)** Intern. Consultant

- General overview
- Operating warnings
- Pre-operation procedure
- Operation
- Post-operation procedure
- Service and maintenance

10:30 Break

10:45 **Session 10: Operation of refrigerants identifier (practice)** Intern. Consultant

- Example of refrigerants identifier use by the

international consultant

- Participants practice with the refrigerants identifier equipment.

12:15 Lunch

13:45 **Session 11 (group work): General practical cases for Customs inspectors** Intern. Consultant

- Guidelines for the work.
- Organization of study groups.
- Group work.
- Presentation of each group findings.
- Debate.

15:15 Break

15:30 **Session 12 (group work): Efficient operation of the import/export license system and Compliance with regulations related to ODS** Int. Consultant.

- Guidelines for the work.
- Organization of study groups.
- Group work.
- Presentation of each group's findings.
- Debate.

16:30 **Course assessment by participants**

16:45 **Closing session and certificate ceremony**