Food Aid Quality Review Phase II: Technical Report No.10

January 2014- March 2014

This report was produced for the United States Agency for International Development. It was prepared by Tufts University, under the terms of contract AFP-C-00-09-00016-00 awarded to the Friedman School of Nutrition Science and Policy.
### Acronyms

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
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<tbody>
<tr>
<td>BCC</td>
<td>Behavioral Change Communication</td>
</tr>
<tr>
<td>CHV</td>
<td>Community Health Volunteer</td>
</tr>
<tr>
<td>CSB</td>
<td>Corn Soy Blend</td>
</tr>
<tr>
<td>CSB+</td>
<td>Corn Soy Blend Plus/Supercereal</td>
</tr>
<tr>
<td>CSB++</td>
<td>Corn Soy Blend Plus Plus/Supercereal Plus</td>
</tr>
<tr>
<td>CSWB/CSB14</td>
<td>Corn Soy Whey Blend/Corn Soy Blend 14</td>
</tr>
<tr>
<td>FAQR</td>
<td>Food Aid Quality Review</td>
</tr>
<tr>
<td>FBF</td>
<td>Fortified Blended Food</td>
</tr>
<tr>
<td>FDPs</td>
<td>Food Distribution Points</td>
</tr>
<tr>
<td>FFP</td>
<td>Office of Food for Peace (USAID)</td>
</tr>
<tr>
<td>GF&amp;N</td>
<td>Global Food &amp; Nutrition, Inc.</td>
</tr>
<tr>
<td>HNP</td>
<td>Health and Nutrition Promoter</td>
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<tr>
<td>LNS</td>
<td>Lipid-based Nutrition Supplement</td>
</tr>
<tr>
<td>NGO</td>
<td>Non-Governmental Organization</td>
</tr>
<tr>
<td>PI</td>
<td>Principal Investigator</td>
</tr>
<tr>
<td>PPB</td>
<td>Project Peanut Butter</td>
</tr>
<tr>
<td>PIHDC</td>
<td>Pakachere Institute of Health and Development Communication</td>
</tr>
<tr>
<td>PL 480</td>
<td>Public Law 480 (Agricultural Trade Development and Assistance Act)</td>
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<tr>
<td>PLW</td>
<td>Pregnant or Lactating Women</td>
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<tr>
<td>PM2A</td>
<td>Preventing Malnutrition in Children Under 2 Approach</td>
</tr>
<tr>
<td>PVO</td>
<td>Private Voluntary Organization</td>
</tr>
<tr>
<td>RA</td>
<td>Research Assistant</td>
</tr>
<tr>
<td>REFINE</td>
<td>Research Engagement on Food Innovation for Nutritional Effectiveness</td>
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<tr>
<td>RUSF</td>
<td>Ready to Use Supplementary Food</td>
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<tr>
<td>SBC</td>
<td>Social Behavior Change</td>
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<tr>
<td>SOW</td>
<td>Statement of Work</td>
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<tr>
<td>TOPS</td>
<td>Technical and Operational Performance Support</td>
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<tr>
<td>USAID</td>
<td>United States Agency for International Development</td>
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<td>USDA</td>
<td>United States Department of Agriculture</td>
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<td>WFP</td>
<td>World Food Programme (United Nations)</td>
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<td>WHO</td>
<td>World Health Organization</td>
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Background Information

The United States Agency for International Development’s (USAID) Office of Food for Peace awarded a two-year extension contract (FAQR Phase II) to Tufts University’s Friedman School of Nutrition Science and Policy in October 2011. FAQR Phase I, conducted from 2009 to 2011, examined the nutritional needs of beneficiary populations across the developing world and the nutritional quality of commodities currently available to meet those needs, with the objective of improving the quality of Title II food aid commodities and programming. The findings of FAQR Phase I were published as a report, *Delivering Improved Nutrition: Recommendations for Changes to U.S. Food Aid Products and Programs* (USAID, April 2011), which is available at www.foodaidquality.org and at [http://www.usaid.gov/what-we-do/agriculture-and-food-security/food-assistance/resources/research-and-policy-papers](http://www.usaid.gov/what-we-do/agriculture-and-food-security/food-assistance/resources/research-and-policy-papers).

The FAQR is part of a series USAID and United States Department of Agriculture (USDA) activities aimed at enhancing product choice under Title II of Public Law 480 (PL480), improving quality control and assurance (of both processes and products), and updating technical guidance and the evidence base for programming approaches. The present contract builds on work performed under the original FAQR and will focus on implementing recommendations made in Phase I for changes in food aid products, programming, and processes.

FAQR Phase II activities include advancing the evidence base through production and testing of improved food products, their packaging and delivery methods, and comparative studies of products’ nutritional effectiveness and cost-effectiveness, implementation research and pilot projects, and facilitation of interagency and multi-sectoral coordination. FAQR Phase II continues its consultative process to interact with and solicit input from a wide range of stakeholders.

The work of the FAQR Phase II continues to address three areas of focus: products (development and testing of new or modified nutritionally enhanced food aid commodities); programs (the uses of such foods to meet nutritional goals in the context of Title II programs); and processes (e.g., safety and quality assurance in the supply chain, harmonization of processes among donor agencies, and coordination among agencies within the US Government). Specific areas of concentration include the following.

**Products**

Phase II is focusing on: the development of specifications of the updated Fortified Blended Foods (FBF) including Corn Soy Blend 14 (CSB14), as well as milled flours, enhanced vegetable oil, and the micronutrient premix(es); CSB laboratory and pilot production testing; acceptability trials; assessments and recommendations for supply chain and related issues.
Programs
Activities include strengthening the evidence base for food assistance programming through expert consultations and workshops on key topics and issues with representatives of the various Title II implementing agencies and other stakeholders. Multiple activities are being undertaken which include the review of food programming guidance provided to Title II implementing agencies and a review of the data collected from Title II implementing agencies as part of required reporting, and how the data are used and could be better used to inform programming. Several field studies are also underway. In Malawi, an ongoing study seeks to assess the feasibility of ensuring that when CSB is programmed with oil, beneficiaries use the oil as instructed to prepare CSB porridge for beneficiary children. The study will also assess the impact of package changes (providing CSB in 2-kg packages rather than in bulk), in conjunction with appropriate behavior change messages, on correct use, and other aspects such as intrahousehold sharing. Field studies are in the preparation phase in Sierra Leone and Burkina Faso. The study in Burkina Faso will assess the effectiveness and cost effectiveness of the new CSB14, delivered with oil, as compared with alternatives such as lipid-based nutrition supplement (LNS) products and other fortified blended foods, in the prevention of moderate wasting (moderate acute malnutrition or MAM), the prevention of stunting, and the promotion of adequate growth in children 6-23 months. The study in Sierra Leone will assess the effectiveness and cost-effectiveness of these foods in the treatment of MAM in children under age five.

Processes
FAQR II focuses on the formation of an Interagency Food Aid Technical Committee as well as implementing regular meetings with major food aid agencies (WFP, UNICEF, USAID, USDA, and others) to address the need for harmonization of food products and related procurement and quality assurance processes used in Title II food aid.
Implementation of Phase II
During this quarter, the following activities were undertaken.

A. Products
Overview: Assisting USAID in documenting supply chain and product rollout issues; revising commodity specifications; backstopping supply chain and quality assurance issues; and carrying out the expanded FAQR shelf life and stability studies.

1. Product Roll-out and Supply Chain Quality Assurance
This quarter, FAQR team members visited the producer of the RUSF for Burkina Faso with the USAID Food Technologist. The FAQR Food Technologist and the USAID Food Technologist made another visit to a CSB producer in December (More information on these meetings is in the Meetings section below). The team completed the first draft of the product rollout and supply chain report.

2. Accelerated Shelf Life Study
FAQR team members continued to monitor results from accelerated shelf life and stability studies of CSWB (CSB14), SC+, CSB+ and RUSF. The team received 17 Certificates of Analyses with test results for the products, which were entered into the tracking database for monitoring and reporting graphically. The 26-week analysis (representing 26 months under field conditions) of one of the CSWBs is completed; the other products are at various stages of completion depending on when they were procured from suppliers and testing initiated.

Also during this quarter, it was determined that WFP products would be dropped from the studies. Instead, results from WFP’s own shelf-life studies would be shared with USAID and FAQR once they were completed. End line analysis of three minerals and vitamin C, as well as the inclusion of fortified vegetable oil, were added to the protocol and will be initiated next quarter (in April 2014).

B. Programs
Overview: Phase I data collection in Malawi; data collection preparation in Burkina Faso; data collection preparation in Sierra Leone.

1. FAQR Field Studies

a. Feasibility and Acceptability Study-Malawi
1. Baseline Results Dissemination
This quarter, activities in Malawi focused on sharing the baseline results with field partners and beginning the Phase 1 round of data collection. Phase 1 data will
now include control Food Distribution Sites (FDPs) receiving no additional oil and the intervention group which is now receiving Behavior Change Communication (BCC) and additional oil.

2. Phase I data collection
The majority of Phase I data collection occurred from February – March 2014.

3. Behavior Change Communication
The refresher training for the Community Health Workers on the BCC messages and new CSB packets also occurred this quarter. The stickers printed with BCC are for the 2Kg bags. A picture of these stickers is presented in Annex I. The full report on the BCC component completed by our specialist firm, Pakachere, is attached as Appendix I.

4. Preparations for Phase II data collection
In preparation for rollout of the Phase 2 intervention (the distribution of CSB in 2Kg bags with appropriate behavior change messages and instructions), this quarter included contracting and having the CSB repackaged. The 2Kg bags are plain white micro polythene bags. Moisture-resistant stickers designed by the BCC firm are placed on these bags for instruction. The 8Kg rations were repackaged into the new bags and then the full ration put into the “master bag” in order to help the woman carry her entire ration home. Photos of the bags are in Annex II.

b. Effectiveness and Cost-Effectiveness Study – Prevention - Burkina Faso
1. Ethics Committees Approval
The team submitted all necessary documents for approval from the Tufts University Health Science Institutional Review Board late this quarter. Approval is expected early next quarter in time for pre-testing to continue as scheduled.

2. Study Commodities
All four study foods are in country and are being prepared for distribution early next quarter. Preparations for the pre-positioning of food in the rainy season have also been underway. This includes making sure the next shipment of food is in country in time and preparing warehouses at the FDPs to store the extra supply of food.

3. Recipe Development
This quarter, FAQR consultant Nadira Saleh led the recipe development for all four study foods. She worked with the local Save the Children staff to determine
the ideal viscosity and cooking times. They also adapted daily rations into local measures in order for the beneficiaries to understand more easily the Social Behavior Change (SBC) portion. The team developed varied recipes for the pregnant and lactating women who receive the ration.

4. Training for Health and Nutrition Promoters
This quarter included training for the Health and Nutrition Promoters (HNPs) with an updated module that explained the study and the new foods. Their training also focused on how to pass on the information to all of the different groups that the HNPs train. The HNPs must train the food distribution committees who hand out the food, the care group mothers who lead food preparation demonstrations at the FDPs. The care group mothers use the community education sessions in order to inform community leaders of the program changes.

5. Social Behavior Change
The SBC portion of the study evolved this quarter. FAQR consultant Nadira Saleh worked with the ViM staff to complete educational materials for each food product. The team created banners to hang at each FDP as well as flip charts for each care group lead mother to use. The CSB example is in Annex III.

6. Final Taste Test Report
The final report from the taste tests completed last quarter is presented as Appendix II.

c. Effectiveness and Cost-Effectiveness Study – Treatment - Sierra Leone

1. Commodity Distribution
In January 2014, the distribution of study foods began. The distributions will occur every two weeks at the 20 selected Peripheral Health Units (PHUs). From January to March 2014, 600 new beneficiaries received food.

2. Education Materials
This quarter included developing recipes, demonstrations and materials to educate the mothers at the clinic. Mothers receive a health talk during the clinic visit in which they receive the first ration. The topics of these health talks include purpose of the food, preparation, consumption, usage, hygiene, and storage. The team also had to create recipes for each food based on local measurements and utensils. After the development of these materials, the Community Health Volunteers (CHVs) were trained to reinforce these messages in the communities.
3. Final Data Collection Preparation
This quarter included a two-week training for the survey team. The training involved an orientation to the study, data collection techniques, use and purpose of the instruments and consent forms. The field team organized logistics and managed material needs for successful data collection. The team spent time piloting all instruments and learning about the realities of the field. Each research assistant (RA) was assigned a PHU catchment area to work in and used this quarter to scope out their communities and familiarize themselves with community members.

The data management plan was set in place this quarter. The team trained data entry clerks, tested and finalized data entry procedures.

The field team consulted with organizations with the capacity to analyze porridge samples. The research team identified the Sierra Leone Standard Bureau in Freetown as the most qualified.

2. Cost Effectiveness
This quarter FAQR Team member Steve Vosti continued updating this tool. The FAQR team as a whole will review this at the team meeting planned for early next quarter.

C. Processes
1. Harmonization process with WFP and USAID
The FAQR team attended a harmonization meeting with partners from USAID, WFP, and UNICEF that was held at the WFP Headquarters in Rome, Italy. This productive meeting concluded with a large shift toward the harmonization of LNS products. The agenda from this meeting is in Annex IV. A follow up meeting has been scheduled for next quarter at Tufts University in Boston, MA.
Meetings, Consultations and Events during the period January 1– March 31, 2014

1.1 Stakeholder Consultation
Consultation with:
  - WFP, UNICEF, USAID, USDA in Harmonization Process
  - Site visit to USDA in Kansas City
  - WFP Kenema office and the Ministry of Health in Kenema, Sierra Leone
  - USAID Burkina Faso

1.2 Meetings and Events
The team continued to hold working group meetings throughout the quarter to plan FAQR Phase II activities. Selected specific meetings included the following.

Programs
  - **Ilana Cliffer and Nadira Saleh in Boston, MA**
    **January 4-January 10, 2014**
    Nadira Saleh, the acting interim Research Coordinator, and Ilana Cliffer, the permanent Research Coordinator, met with the team in Boston to debrief on their two weeks together in Burkina Faso last quarter and to continue study preparations with the team.

  - **Shelley Marcus to Malawi**
    **January 10-January 21, 2014**
    Shelley Marcus traveled to Malawi to assist with the training of enumerators for Phase I data collection. The two-week training included a review and pilot of all instruments and consent forms to ensure clarity. This also included training on using GPS units and measuring tools for the cooking demonstration portion of the interview.

  - **Shelley Marcus to Sierra Leone**
    **January 21- February 3, 2014**
    Shelley Marcus also traveled to Sierra Leone to assist with training there. This training also included a review and pilot of all instruments and consent forms to ensure clarity. This also included training on using GPS units and measuring tools for the cooking demonstration portion of the interview. This visit included a meeting with the head of the WFP Kenema office to discuss study logistics and the commodity storage and a meeting with the WFP Kenema office nutritionist.

  - **Shelley Marcus to Sierra Leone**
    **March 22-April 6, 2014**
    Due to administrative circumstances, the Sierra Leone field research coordinator had
to leave the study mid-quarter. Therefore, Shelley Marcus traveled back to Sierra Leone to ensure continued progress for the study. This trip included all final study logistics, including training the data entry clerks, the creation of a weekly work plan template, and ensuring all administrative logistics (such as transportation and printing) were in place. An interim field research coordinator will travel to the field early next quarter to continue management of the study (see below).

**Administration and Budget**

2.1 **Budget**
This quarter the FAQR team reviewed the full FAQR budget and worked with team members in order to update and make cuts where possible without affecting the quality of the research.

2.2 **Staffing**
The FAQR team hired Jamie Green as interim consultant for the position of Senior Researcher in Sierra Leone. She will be heading to the field early next quarter. The team also hired Simone Passarelli, a Tufts graduate student, as the data analyst for the Malawi study.
Plans for the coming quarter (April-June 2014)

April-June 2014 represents the eleventh quarter of implementation for FAQR Phase II.

Products

a. Product Rollout and Quality Assurance:
   - Continue documentation and compilation of product rollout issues (supply chain, quality assurance and food safety) and drafting of rollout report;
   - Hold meetings with USAID to clarify priorities and initiate stakeholder consultations on product rollout issues and harmonization with WFP specifications.

b. Shelf Life and Stability Studies
   - Continue with accelerated shelf life studies, and monitor updates received from Covance Labs.
   - Write up results for products that complete testing, in preparation for drafting of the final report.

Programs

a. Feasibility/Acceptability Study (Malawi)
   - Begin Phase II data collection
   - Begin analysis of Phase I data

b. Effectiveness Studies (Sierra Leone and Burkina Faso)
   - Begin data collection (Sierra Leone)
   - Complete pretesting instruments (Burkina Faso)
   - Begin training enumerators and finalizing data collection plans (Burkina Faso)

c. Cost Analysis
   - Continue to edit costing model for all effectiveness study products and product comparisons based on feedback from FAQR team
   - Develop and field test instruments for data collection needed to estimate costs associated with the delivery and use of the products

Process

a. REFINE
   - Hire RA to assist with database updating and website maintenance

b. Harmonization Meeting
   - Host Harmonization meeting between USAID and WFP in Boston, MA in May 2014

c. Interagency Work
   - Organize and plan meeting between USAID/USDA in Washington, DC for this quarter
Annex I. BCC Stickers on 2Kg bags in Malawi
Annex II. Repackaged CSB

2 KG bag

Master bag with full ration
Annex III. CSB Flip Chart for Burkina Faso
Annex IV. Agenda for Harmonization meeting in Rome, Italy

WFP/USAID Specialty Food Aid Harmonization Meeting
January 27-29, 2014
Rome, Italy

Main Objectives:

In order to strengthen our continuous effort in improving the LNS specifications, a harmonization process is underway between USAID and WFP, with collaboration of UNICEF and other relevant institutions.

Among other topics, the main areas to be discussed during the FFP/USAID and Tufts University visit in Rome are the following:

- **Product properties:**
  - Harmonization with WHO benchmark (for managing MAM);
  - Harmonization with Codex Alimentarius;
  - Shelf life (introduction of the organizations’ expectations);
  - Thermo processing
  - Harmonization of color coding, product name, message, etc.

- **Other:** Codex Establishment;
### Day 1 Monday, January 27th

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Coordination</th>
<th>Annotations/ Evidence Contributors</th>
<th>Room</th>
</tr>
</thead>
</table>
| 9:30-10:15am | Procurement discussion            | WFP: Corinne Fleisher, Mary-Ellen McGroarty, Snjezana Leovac, Shane Prigge,  | • WFP Director or Representative  
                                                          Alison Norman, Jaime Vallaure  
                                                          USAID/FFP: Judy Canahuati, Rufino Perez, Melanie Thurber, Hang K Nguyen,  
                                                          Tufts: Quentin Johnson, Irwin Rosenberg, Patrick Webb  
                                                          | 6R00 |
| 10:15-10:30am | Coffee/Tea Break                 |                                                                               |                                                                                                      | 6R00 |
| 10:30-12:30pm | Emergency Food Products          | WFP: Mary-Ellen McGroarty, Snjezana Leovac, David Kaatrud, Francis Nixon,  | Emergency food products & meal replacement  
                                                          FFP: Judy Canahuati, Rufino Perez, Melanie Thurber, Greg Olson (On the Phone)  
                                                          Tufts: Quentin Johnson, Patrick Webb  
                                                          | 6R00 |
| 12:30-1:30pm  | Lunch Break                       |                                                                               |                                                                                                      | 6R00 |
| 1:30-3:30pm   | Nutrition Programming             | WFP: Lynnda Kiess, FFP: Judy Canahuati, Melanie Thurber,  
                                                          Tufts: Patrick Webb, Irwin Rosenberg  
                                                          | WFP nutrition programming  
                                                          FFP/TUFS: Briefing on papers under production. Other research subjects to be discussed on Day 2.  
                                                          | 6R00 |
| 1:30-5:30pm   | Quality Assurance:               | WFP: Shane Prigge, Stephane Meaux, Ina Haydoutov, Charlotte Bienfait, Eleni  | Food Safety and Quality unit objectives  
                                                          Pantiorea, Charles Jelensperger Hanane Bouzambou  
                                                          FFP: Rufino Perez  
                                                          Tufts: Quentin Johnson  
                                                          | 4G98 |

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Day 1 Monday, January 27th

9:30-10:15am Procurement discussion

WFP: Corinne Fleisher, Mary-Ellen McGroarty, Snjezana Leovac, Shane Prigge, Alison Norman, Jaime Vallaure

USAID/FFP: Judy Canahuati, Rufino Perez, Melanie Thurber, Hang K Nguyen

Tufts: Quentin Johnson, Irwin Rosenberg, Patrick Webb

10:15-10:30am Coffee/Tea Break

10:30-12:30pm Emergency Food Products

WFP: Mary-Ellen McGroarty, Snjezana Leovac, David Kaatrud, Francis Nixon

FFP: Judy Canahuati, Rufino Perez, Melanie Thurber, Greg Olson (On the Phone)

Tufts: Quentin Johnson, Patrick Webb

12:30-1:30pm Lunch Break

1:30-3:30pm Nutrition Programming

WFP: Lynnda Kiess, FFP: Judy Canahuati, Melanie Thurber

Tufts: Patrick Webb, Irwin Rosenberg

1:30-5:30pm Quality Assurance:

- FSQMS (20 min)
- Quality unit Objectives (30min)
- FOQUS-QA Software (30 min)
- Food Incident Management – FIM (30 min)
- Premix Harmonization (30 min)
- QA RUSF (30 min)

WFP: Shane Prigge, Stephane Meaux, Ina Haydoutov, Charlotte Bienfait, Eleni Pantiorea, Charles Jelensperger Hanane Bouzambou

FFP: Rufino Perez

Tufts: Quentin Johnson

Food Safety and Quality unit objectives

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<tr>
<th>Day 2 Tuesday, January 28th</th>
<th>Activity</th>
<th>Coordination</th>
<th>Annotations/ Evidence Contributors</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>9:00-9:20am</td>
<td>Introduction of participants Discussion of the agenda</td>
<td>WFP: Shane Prigge, Lynnda Kiess, Martin Bloem, Snjezana Leovac</td>
<td></td>
<td>6R00</td>
</tr>
<tr>
<td>9:20-10:05am</td>
<td>Presentation of LNS harmonization framework</td>
<td>Saskia De Pee, Hanane Bouzambou FFP: Judy Canahuati, Rufino Perez, Melanie Thurber Tufts: Quentin Johnson, Patrick Webb, Elizabeth Ignowski, Irwin Rosenberg UNICEF: Alison Fleet</td>
<td>Establishment of meeting expectations and procedures</td>
<td>6R00</td>
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<tr>
<td>10:05-10:15am</td>
<td>Coffee/Tea Break</td>
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<tr>
<td>10:15 -11:00am</td>
<td>Product Properties: WHO/Codex Standards (Lipids range, energy)</td>
<td>WFP: Shane Prigge, Lynnda Kiess, Martin Bloem, Saskia De Pee, Charles Jelensperger Hanane Bouzambou</td>
<td>Specific contributors? Particular evidence in each of these topics? (A specialist from FAO/WHO?)</td>
<td>6R00</td>
</tr>
<tr>
<td>11:00-12:00pm</td>
<td>Product Properties: WHO/Codex Standards (Protein, Micronutrients, Water activity) 15 min presentation (Charles J.)</td>
<td>FFP: Judy Canahuati, Rufino Perez, Melanie Thurber Tufts: Quentin Johnson, Patrick Webb, Irwin Rosenberg, Elizabeth Ignowski, UNICEF: Alison Fleet</td>
<td>Charles Jelensperger (Presentation-to be confirmed) Irwin Rosenberg on protein and energy Quentin Johnson on Codex and micronutrients</td>
<td>6R00</td>
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<tr>
<td>12:00-1:00pm</td>
<td>Lunch Break</td>
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<td>1:00-1:30pm</td>
<td>Product Properties: WHO/Codex Standards (Emulsifier, Stabilizers, granularity)</td>
<td>WFP: Shane Prigge, Hanane Bouzambou, Charles Jelensperger, Snjezana Leovac</td>
<td>Rufino Perez and Judy Canahuati on Emulsifiers and granularity</td>
<td>6R00</td>
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<tr>
<td>1:30-2:00pm</td>
<td>Product Properties: WHO/Codex Standards (Thermo Processing, shelf life)</td>
<td>FFP: Rufino Perez, Judy Canahuati</td>
<td>Rufino Perez and Judy Canahuati on Thermo processing</td>
<td>6R00</td>
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<td>2:00-2:20pm</td>
<td>Joint Audit UNICEF/MSF/WFP/USAID</td>
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<td>Richard Boyds from AMS, on the phone</td>
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<th>Time</th>
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<th>Organizers</th>
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<tbody>
<tr>
<td>2:20-3:00 pm</td>
<td>The Omega 6/Omega 3 Case, antioxidants, Lipids source</td>
<td>WFP: Saskia De Pee FFP: Judy Canahuati, Tufts: Quentin Johnson, Irwin Rosenberg, Melanie Thurber</td>
<td>4G98</td>
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<tr>
<td></td>
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<td>Irwin Rosenberg on Omega 6/Omega 3 Case</td>
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<td>3:00-3:10pm</td>
<td>Coffee/Tea Break</td>
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<td>3:10-4:00pm</td>
<td>Safety specification Codex Establishment</td>
<td>FAO: Sarah Cahill WFP: Shane Prigge, Martin Bloem, Saskia De Pee, Lynnda Kiess, Hanane Bouzambou, Snjezana Leovac FFP: Judy Canahuati, Rufino Perez, Melanie Thurber, Tufts: Quentin Johnson, Irwin Rosenberg, Patrick Webb</td>
<td>6R00</td>
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<td>FAO introduction</td>
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<td>4:00-5:30pm</td>
<td>Product Delivery: Field Data collection, Storage, distribution, food safety concerns in the field</td>
<td>WFP: Shane Prigge, Lynnda Kiess, Martin Bloem, Snjezana Leovac, Saskia De Pee, Santiago Rodas, Hanane Bouzambou FFP: Judy Canahuati, Rufino Perez, Melanie Thurber Tufts: Quentin Johnson, UNICEF: Alison Fleet</td>
<td>6R00</td>
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<td>Research, and updates on Vienna IAEA meeting on MAM and CMAM Forum MAM briefing papers under production Tufts University Field Studies (Sierra Leone, Malawi) Joint study in Sierra Leone A28/29 Bars Syria Agree on data collection instruments WFP tracking system</td>
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<td>5:30-6:00pm</td>
<td>Summary and Main Agreements</td>
<td>WFP: Shane Prigge, Snjezana Leovac, Hanane Bouzambou, Saskia De Pee FFP: Judy Canahuati, Rufino Perez, Melanie Thurber, Tufts: Quentin Johnson, Irwin, Rosenberg Patrick Webb UNICEF: Alison Fleet</td>
<td>6R00</td>
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<td>Agreements on Next Steps</td>
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<td>Evening: Diner in Rome- Location to be communicated later</td>
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Version: 17/01/2014
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<th>Day 3</th>
<th>Activity</th>
<th>Coordination</th>
<th>Annotations/ Evidence</th>
<th>Room</th>
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<td>Wednesday, January 29th</td>
<td>Expectation/goals of the day</td>
<td>WFP: Shane Prigge, Lynnda Kiess, Martin Bloem, Snjezana Leovac, Saskia De Pee, Hanane Bouzambou, Emmanuel Drouhin, Communication unit (to be confirmed) Nutrition/Programming</td>
<td>Introduction by Shane Prigge</td>
<td>6R00</td>
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<tr>
<td></td>
<td>Labeling, color-coding, code-dating, messaging and safety</td>
<td></td>
<td>Present literature/evidence available (Weight/pouch and IP, benefits) - Judy</td>
<td>6R00</td>
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<td></td>
<td>Primary Packaging (Net weight/pouch)</td>
<td>FFP: Judy Canahuati, Rufino Perez, Melanie Thurber Tufts: Quentin Johnson UNICEF: Alison Fleet</td>
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<td>Coffee/Tea Break</td>
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<td>3B14</td>
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<td>Gender</td>
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<td>Primary packaging (Film characteristics, performance, import</td>
<td>WFP: Shane Prigge, Snjezana Leovac, Hanane Bouzambou, Emmanuel Drouhin</td>
<td>Expertise needed: TOR to be developed</td>
<td>6R00</td>
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<td>Further suggestions: Melamine, Heavy metals, Aflatoxin</td>
<td>WFP: Shane Prigge, Snjezana Leovac, Hanane Bouzambou, Emmanuel Drouhin FFP: Rufino Perez Tufts: Quentin Johnson, Patrick Webb</td>
<td>Present literature/evidence available Judy Canahuati on Melamine, Heavy Metals and Aflatoxin (to be confirmed)</td>
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<td>Lunch Break</td>
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<td>Adjourn</td>
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Appendices

Please see appendices I and II attached separately.

Appendix I: Malawi- BCC Report

Appendix II: Burkina Faso Taste Test Report