Twenty-eighth MEVA Technical Management Group (MEVA/TMG/28)
Miami, United States, 26 to 30 May 2014

Agenda Item 10   **MEVA III Implementation: Implementation Schedule**

MEVA III IMPLEMENTATION SCHEDULE

(Presented by Comsoft: Markus Siefert/Victor Pabon)

EXECUTIVE SUMMARY
According to the request of MEVA III TF, COMSOFT prepared a tentative Implementation Schedule for the MEVA TMG/28 to get an overview of timelines related to the overall MEVA III network implementation. The main focus is related to the transition from MEVA II to MEVA III, in order to coordinate the necessary actions with the MEVA II Service Provider.
References: • Project Schedule Plan (PSP)

1.   Introduction

1.1   With reference to COMSOFT´s response on ICAO´s Tender ST-22501390, COMSOFT prepared a dedicated Project Schedule Plan (PSP) in order to handle the overall Project Implementation within the required time frame – within 6 months from the date of contract signature.

2.   Project Implementation

2.1   As a reasonable implementation time approx. 6 months can be considered after the initial start of contract. This time plan is based on the fact, that COMSOFT has long time experience in carrying out large projects.

2.2   The installation schedule can be broken down as follows:

- **Pre-Installation Preparations**
    o   Procurement of equipment
    o   Planning of installation
    o   Final design and implementation documentation
    o   Installation process planning together with MEVA III Member States

- **Installation**
  - o Installation of new components on-site
  - o Initial system testing
  - o Documentation

- **Post-Installation Tests**
  - o Final system tests
  - o Parameter and system tuning
  - o Final Documentation

- **Handover/Acceptance**

3.   Tentative Start Date

3.1   According to the requirements of the Sealed Tender ST-22501390, the Project Schedule Plan becomes valid after contract signature with all involved MEVA III Member States. Based on the request of MEVA III TF to identify the time frame for the transition from MEVA II to MEVA III, COMSOFT and MEVA III TF agreed a possible tentative start date, based on the fact that all contracts will be signed by 31 July 2014.

3.2   This results into the following tentative Project Schedule Plan, which identifies the overall Project Implementation and each individual phase.

MEVA III - Project Plan

ID	Task Name	Duration	Start	Finish	Resource Names
1	**Project MEVA III**	**137 dys**	**31 Jul '14**	**06 Feb '15**	
2	Signiture of Contract	1 dy	31 Jul '14	31 Jul '14	CSS/TMG
3	Preparation of System Design Document (SDD)	30 dys	01 Aug '14	11 Sep '14	CSS/TMG
4	Preparation of Transition Plan	30 dys	01 Aug '14	11 Sep '14	CSS
5	Document Approval by TMG	5 dys	12 Sep '14	18 Sep '14	TMG
6	**Site Surveys**	**14 dys**	**31 Jul '14**	**20 Aug '14**	**CSS**
7	**Already done during Tender process**	**0 dys**	**31 Jul '14**	**31 Jul '14**	
8	Altanta (Master)	0 dys	31 Jul '14	31 Jul '14	Team #1
9	Aruba	0 dys	31 Jul '14	31 Jul '14	Team #2
10	Curaçao	0 dys	31 Jul '14	31 Jul '14	Team #2
11	Cuba	0 dys	31 Jul '14	31 Jul '14	Team #1
12	Miami	0 dys	31 Jul '14	31 Jul '14	Team #3
13	Bogota	0 dys	31 Jul '14	31 Jul '14	Team #4
14	COCESNA (Honduras/Tegucigalpa)	0 dys	31 Jul '14	31 Jul '14	Team #5
15	**Site Survey Remain**	**8 dys**	**11 Aug '14**	**20 Aug '14**	
16	Bahamas (Nassau)	2 dys	11 Aug '14	12 Aug '14	Team #1
17	Bahamas (Freeport)	2 dys	13 Aug '14	14 Aug '14	Team #1
18	Dominican Republic (Santo Domingo)	2 dys	15 Aug '14	18 Aug '14	Team #1
19	Haiti (Port au Prince)	2 dys	19 Aug '14	20 Aug '14	Team #1
20	Jamaica (Kingston)	2 dys	11 Aug '14	12 Aug '14	Team #2
21	St. Maarten (Philipsburg)	2 dys	13 Aug '14	14 Aug '14	Team #2
22	Caiman Islands (Georgetown)	2 dys	15 Aug '14	18 Aug '14	Team #2
23	Mexico (Merida)	1 dy	11 Aug '14	11 Aug '14	Team #3
24	Panama (Panama City)	1 dy	11 Aug '14	11 Aug '14	Team #4
25	Puerto Rico (San Juan)	1 dy	11 Aug '14	11 Aug '14	Team #5
26	Venezuela (Caracas)	1 dy	11 Aug '14	11 Aug '14	Team #6
27	Placement of Equipment Orders	5 dys	01 Aug '14	07 Aug '14	CSS
28	Lead Time for Equipment Delivery	50 dys	08 Aug '14	16 Oct '14	CSS
29	**System Engineering**	**19 dys**	**19 Sep '14**	**15 Oct '14**	
30	System Design	3 dys	19 Sep '14	23 Sep '14	CSS
31	Preparation Equipment Config.	3 dys	24 Sep '14	26 Sep '14	CSS
32	Preparation of SAT Procedures	3 dys	29 Sep '14	01 Oct '14	CSS
33	Preparation of FAT Procedures	3 dys	29 Sep '14	01 Oct '14	CSS
34	Approval of SAT & FAT documents	10 dys	02 Oct '14	15 Oct '14	TMG
35	**FAT**	**10 dys**	**17 Oct '14**	**30 Oct '14**	
36	FAT, (preparation & executions)	10 dys	17 Oct '14	30 Oct '14	
37	**Delivery**	**22 dys**	**31 Oct '14**	**01 Dec '14**	
38	Equipment Shipping	15 dys	31 Oct '14	20 Nov '14	CSS
39	Customs Clearing	5 dys	21 Nov '14	27 Nov '14	CSS
40	Equipment Shipping to Sites	2 dys	28 Nov '14	01 Dec '14	CSS
41	**Installation**	**29 dys**	**02 Dec '14**	**09 Jan '15**	**CSS**
42	**Altanta (Master)**	**3,5 dys**	**02 Dec '14**	**05 Dec '14**	**Team #1**
43	Onsite Installation	2 dys	02 Dec '14	03 Dec '14	Team #1
44	OJT On the Job Training for Customer	1 dy	04 Dec '14	04 Dec '14	Team #1/TMG
45	SAT	0,5 dys	05 Dec '14	05 Dec '14	Team #1/TMG
46	**Cuba**	**5,5 dys**	**05 Dec '14**	**12 Dec '14**	**Team #1**
47	Onsite Installation	2 dys	05 Dec '14	09 Dec '14	Team #1
48	OJT On the Job Training for Customer	1 dy	09 Dec '14	10 Dec '14	Team #1/TMG
49	SAT	0,5 dys	10 Dec '14	10 Dec '14	Team #1/TMG
50	Travelling	2 dys	11 Dec '14	12 Dec '14	Team #1
51	**Bahamas (Nassau)**	**5,5 dys**	**15 Dec '14**	**22 Dec '14**	**Team #1**
52	Onsite Installation	2 dys	15 Dec '14	16 Dec '14	Team #1
53	OJT On the Job Training for Customer	1 dy	17 Dec '14	17 Dec '14	Team #1/TMG
54	SAT	0,5 dys	18 Dec '14	18 Dec '14	Team #1/TMG
55	Travelling	2 dys	18 Dec '14	22 Dec '14	Team #1
56	**Bahamas (Freeport)**	**5,5 dys**	**22 Dec '14**	**29 Dec '14**	**Team #1**
57	Onsite Installation	2 dys	22 Dec '14	24 Dec '14	Team #1
58	OJT On the Job Training for Customer	1 dy	24 Dec '14	25 Dec '14	Team #1/TMG
59	SAT	0,5 dys	25 Dec '14	25 Dec '14	Team #1/TMG
60	Travelling	2 dys	26 Dec '14	29 Dec '14	Team #1
61	**Dominican Republic (Santo Domingo)**	**5,5 dys**	**30 Dec '14**	**06 Jan '15**	**Team #1**
62	Onsite Installation	2 dys	30 Dec '14	31 Dec '14	Team #1
63	OJT On the Job Training for Customer	1 dy	01 Jan '15	01 Jan '15	Team #1/TMG
64	SAT	0,5 dys	02 Jan '15	02 Jan '15	Team #1/TMG
65	Travelling	2 dys	02 Jan '15	06 Jan '15	Team #1
66	**Haiti (Port au Prince)**	**3,5 dys**	**06 Jan '15**	**09 Jan '15**	**Team #1**
67	Onsite Installation	2 dys	06 Jan '15	08 Jan '15	Team #1
68	OJT On the Job Training for Customer	1 dy	08 Jan '15	09 Jan '15	Team #1/TMG
69	SAT	0,5 dys	09 Jan '15	09 Jan '15	Team #1/TMG
70	**Aruba**	**5,5 dys**	**05 Dec '14**	**12 Dec '14**	**Team #2**
71	Onsite Installation	2 dys	05 Dec '14	09 Dec '14	Team #2
72	OJT On the Job Training for Customer	1 dy	09 Dec '14	10 Dec '14	Team #2/TMG
73	SAT	0,5 dys	10 Dec '14	10 Dec '14	Team #2/TMG

MEVA III - Project Plan

ID	Task Name	Duration	Start	Finish	Resource Names
74	Travelling	2 dys	11 Dec '14	12 Dec '14	Team #2
75	**Curaçao**	**5,5 dys**	**15 Dec '14**	**22 Dec '14**	**Team #2**
76	Onsite Installation	2 dys	15 Dec '14	16 Dec '14	Team #2
77	OJT On the Job Training for Customer	1 dy	17 Dec '14	17 Dec '14	Team #2/TMG
78	SAT	0,5 dys	18 Dec '14	18 Dec '14	Team #2/TMG
79	Travelling	2 dys	18 Dec '14	22 Dec '14	Team #2
80	**Jamaica (Kingston)**	**5,5 dys**	**22 Dec '14**	**29 Dec '14**	**Team #2**
81	Onsite Installation	2 dys	22 Dec '14	24 Dec '14	Team #2
82	OJT On the Job Training for Customer	1 dy	24 Dec '14	25 Dec '14	Team #2/TMG
83	SAT	0,5 dys	25 Dec '14	25 Dec '14	Team #2/TMG
84	Travelling	2 dys	26 Dec '14	29 Dec '14	Team #2
85	**St. Maarten (Philipsburg)**	**5,5 dys**	**30 Dec '14**	**06 Jan '15**	**Team #2**
86	Onsite Installation	2 dys	30 Dec '14	31 Dec '14	Team #2
87	OJT On the Job Training for Customer	1 dy	01 Jan '15	01 Jan '15	Team #2/TMG
88	SAT	0,5 dys	02 Jan '15	02 Jan '15	Team #2/TMG
89	Travelling	2 dys	02 Jan '15	06 Jan '15	Team #2
90	**Caiman Islands (Georgetown)**	**3,5 dys**	**06 Jan '15**	**09 Jan '15**	**Team #2**
91	Onsite Installation	2 dys	06 Jan '15	08 Jan '15	Team #2
92	OJT On the Job Training for Customer	1 dy	08 Jan '15	09 Jan '15	Team #2/TMG
93	SAT	0,5 dys	09 Jan '15	09 Jan '15	Team #2/TMG
94	**Miami**	**3,5 dys**	**05 Dec '14**	**10 Dec '14**	**Team #3**
95	Onsite Installation	2 dys	05 Dec '14	09 Dec '14	Team #3
96	OJT On the Job Training for Customer	1 dy	09 Dec '14	10 Dec '14	Team #3/TMG
97	SAT	0,5 dys	10 Dec '14	10 Dec '14	Team #3/TMG
98	**Bogota**	**3,5 dys**	**05 Dec '14**	**10 Dec '14**	**Team #4**
99	Onsite Installation	2 dys	05 Dec '14	09 Dec '14	Team #4
100	OJT On the Job Training for Customer	1 dy	09 Dec '14	10 Dec '14	Team #4/TMG
101	SAT	0,5 dys	10 Dec '14	10 Dec '14	Team #4/TMG
102	**COCESNA (Honduras/Tegucigalpa)**	**3,5 dys**	**05 Dec '14**	**10 Dec '14**	**Team #5**
103	Onsite Installation	2 dys	05 Dec '14	09 Dec '14	Team #5
104	OJT On the Job Training for Customer	1 dy	09 Dec '14	10 Dec '14	Team #6/TMG
105	SAT	0,5 dys	10 Dec '14	10 Dec '14	Team #6/TMG
106	**Mexico (Merida)**	**3,5 dys**	**05 Dec '14**	**10 Dec '14**	**Team #7**
107	Onsite Installation	2 dys	05 Dec '14	09 Dec '14	Team #7
108	OJT On the Job Training for Customer	1 dy	09 Dec '14	10 Dec '14	Team #7/TMG
109	SAT	0,5 dys	10 Dec '14	10 Dec '14	Team #7/TMG
110	**Panama (Panama City)**	**3,5 dys**	**05 Dec '14**	**10 Dec '14**	**Team #8**
111	Onsite Installation	2 dys	05 Dec '14	09 Dec '14	Team #8
112	OJT On the Job Training for Customer	1 dy	09 Dec '14	10 Dec '14	Team #8/TMG
113	SAT	0,5 dys	10 Dec '14	10 Dec '14	Team #8/TMG
114	**Puerto Rico (San Juan)**	**3,5 dys**	**05 Dec '14**	**10 Dec '14**	**Team #9**
115	Onsite Installation	2 dys	05 Dec '14	09 Dec '14	Team #9
116	OJT On the Job Training for Customer	1 dy	09 Dec '14	10 Dec '14	Team #9/TMG
117	SAT	0,5 dys	10 Dec '14	10 Dec '14	Team #9/TMG
118	**Venezuela (Caracas)**	**3,5 dys**	**05 Dec '14**	**10 Dec '14**	**Team #10**
119	Onsite Installation	2 dys	05 Dec '14	09 Dec '14	Team #10
120	OJT On the Job Training for Customer	1 dy	09 Dec '14	10 Dec '14	Team #10/TMG
121	SAT	0,5 dys	10 Dec '14	10 Dec '14	Team #10/TMG
122	**NAT (Network Acceptance Test)**	**43 dys**	**28 Nov '14**	**27 Jan '15**	**CSS/TMG**
123	Switch-over of active connections	10 dys	12 Jan '15	23 Jan '15	TMG
124	Shut down of MEVA II	1 dy	26 Jan '15	26 Jan '15	CSS/TMG
125	Switch to final modulation & coding of MEVA III	1 dy	27 Jan '15	27 Jan '15	CSS
126	Start of Space Segment Contract	1 dy	28 Nov '14	28 Nov '14	CSS
127	Start of Service Charges	1 dy	01 Dec '14	01 Dec '14	TMG
128	**General**	**10 dys**	**26 Jan '15**	**06 Feb '15**	**CSS**
129	As-built Documentation to Sites	5 dys	26 Jan '15	30 Jan '15	CSS
130	Level 2/restauration Customer Trainings / date t	5 dys	02 Feb '15	06 Feb '15	CSS/TMG

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