

RTCA SC-186, WG-1, Subgroup: CDTI

CONSOLIDATED ACTION ITEM LIST

Last updated: July 28, 2005

[This is a cumulative list - no removals are permitted from this document, only dispositions]

CELL COLOR CODE:
Past due
Due now (by next telecon/meeting)
Not due yet
Continuous/open item
closed/done

Number	Assigned	Description	Assignee	Due Date	Comment	Complete?
1		Collect set of documents for CDTI Library	Kaliardos,Livack,Rathinam	8/6/2004	List is complete, but documents collection is still in progress.	Done - Sethu will e-mail list to group. File dated 5/14/04
2		Get a copy of Lessons Learned from Capstone on CDTI and distribute to group	Kaliardos, Bone	1/1/2005	11-04 update: Bill found that there are some Capstone Phase II studies in the works. This will	keep open
3		Compile a LIST of current CDTI designs and products (pilot manuals if available) and distribute to CDTI group.	Livack	4/14/2005	80% completion date. More displays are always being developed.	closed
4		Final draft of the outline of the CDTI section to fit into the ASAS MOPS	Rathinam,Morgan,Gannon	4/30/2004	Reviewed first draft in DC	Done
5		Present to the group list of potential customers for the MOPS	Kaliardos	5/25/2004		Done
6		Survey CDTI research material in existance	Abbott/Rathinam	4/14/2005	Sethu claims that this has been sent out. It should be re-sent.	Done
7		Where the CDTI Requirements come from - create "big picture"	Rathinam	4/30/2004	come from ASA MASPS	Done
8		CDTI MOPS Timeline (project plan)	Rathinam	5/24/2005	Mature draft should be available in Summer 2006.	Done
9		Review DO-257A for what part of the moving map display is covered	Rathinam,Livack	4/30/2004		Done
10		Distribute the issue paper template	Petri	4/30/2004	Randy will e-mail to group	Done
12		Add Al Mattox to CDTI sg mailing list	Bone	6/15/2004	Done	Done
13		Mail Seagull report on TCAS for distribution	Abbott	6/15/2004	Done	Done

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14		RA Symbol directionality to be studied	Helleberg, Kaliardos, Newman	9/10/2005	Should be submitted as an issue paper. Discussion in Nov 2004 suggests proposing this for study, but that the CDTI MOPS will not make a specific recommendation. (see minutes)	closed
15		Provide comments on Surface Vehicle Tracking AC draft	Group			Done
16		Baro and Geo altitude not matching - need response	Group	NT	ASSAP processing should provide CDTI with altitude. Not our concern.	Closed
17		Put the reference documents on a website	Petri/Kaliardos	NT	Kaliardos volunteered to place this on the FAA's KSN website	Continuous
18		Summarize important documents	Rathinam	8/15/2004	Identify documents to be summarized. Sethu provided the list to the group, and asked for volunteers to provide display requirements summaries of each. E-mailed on 11/17/04	Done
19		Send out document list from Terry Abbotts survey	Rathinam			Done
20		Explanation needed on "traffic symbol variations"	Shafaat/Helleberg	8/27/2004	Make it as part of Taji's issue paper. 11/17/04 Paper is prepared and will be sent out to mailing list.	Done
21		WG-1 position on STP group questions	Bone	8/20/2004	CDTI SG has made some recommendations. Completed at October telecon	Done
22		Position and direction accuracy - how to use: Needs issues paper	Shafaat	see #20		Done
23		Is own ship ground speed required required for enhanced visual approach application? (Issue paper needed)	Bone via Helleberg	7/27/2004	may be error in MASPS. Where would this be displayed? It should preferably be in the forward field of view. (7/7/05)	
24		Information quality how it relates to and symbols: Write issue paper	Shafaat	see #20		Done
25		MASPS figure 2-4 doesn't include STP (write memo)	Petri	7/27/2004	Include in future MASPS correction list	

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26		Figure 2-6: We need to add a statement (in the equipment installation section) that the same display used by CDTI can be used by TCAS (e.g., in case of ASSAP failure) at which time TCAS requirements will have to be followed.	Rathinam	5/3/2005		
27		Sec 3.3.2.2. on Latency (400ms from output of receive subsystem to actual display): Is this consistent with the 1 second display update requirement? The group decided to revisit this requirement later (to make sure the numbers are consistent)	Group	5/24/2005		
28		Remove the requirements in the Basic, basic+CD and Basic+ASSA/FAROA columns for the CDTI "Application Selection" row. (Issue paper)	Bone	7/20/2004	Randy will e-mail to group for discussion	Done
29		Write MOPS sections corresponding to MASPS 3.3.3 and later (with exceptions to be specified later)	Gannon, Morgan	9/9/2005		
30		Write response to Gary Livack's questions (in email dated 6/28/2004)	Rathinam	7/20/2004	Done, sent to group	Done
31		MASPS section 3.3.3.1.1.3.2 Does the CDTI need to support the extended runway centerline/final approach path (one if the other is not available)? Get clarification. (Talk to Joel Wichgers / Randy Bone)	Rathinam, Walton	8/6/2004	Only one needs to be supported (it may be application dependent.)	Done
32		Need both full rose and compass modes on display (or some method to see traffic on the backside)	Rathinam	7/1/2005	To be addressed in MOPS	
33		If no flight id is available some indication should be shown to denote that fact	Rathinam	7/1/2005	To be addresses in the MOPS	
34	7/22/2004	Display of up/down arrow on CDTI. TCAS uses 500 fpm threshold. Should CDTI use the same? Different? What is the rationale? (TCAS may have used to determine positive information on climb/descent with 100 feet resolution altitude information).	group	7/15/2005	Additional information shows that it varies significantly with different versions of TCAS	The group decided to stick with 500 fpm, constant with the TCAS MOPS and SAE CDTI recommendations.
35	7/22/2004	Post issue papers on the website (other website related issues)	Petri	TBD	To be done as available	continuous
36	7/22/2004	Prepare issue paper on the TCAS vertical rate indicator. What does TCAS use? What is the use of the indication? Is there a good reason to use the same rate as TCAS?	Morgan	8/31/2004	Same as 34	Done
37	7/22/2004	Update CDTI subgroup on status of Surveillance AC appendix H at next teleconference	Kaliardos	8/11/2004	Version going out for public comment on 8/11 does not address many comments made within the past few months. These comments are still logged. Additional comments are welcome.	Done

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38	7/22/2004	Prepare a one to three page summary of relevant items from a GAMA specification on human factor design guidelines for integrated multifunction displays.	Livack	8/18/2004	Bill K. did remind Gary of this item (7/7/05)	Done
39	7/22/2004	Submit an issue paper on the use of horizontal velocity vectors vs. trend noodles	Shafaat	8/21/2004	Submitted 11/04	Done
40	7/22/2004	Make sure that term "highlight" is defined (and used as "distinguished") in MASPS	Petri		12/04 included in ASA MASPS issue list.	Done
41	7/22/2004	Figure out topics for discussion by full working group 1	All	8/11/2004		OBE
42	7/22/2004	Look for source of 30 aircrafts displayed requirement (R.3.270) in MASPS section 3.3.3.2	Petri	9/30/2004	We think it is from the TCAS MOPS	Done
43	7/22/2004	Discern whether Chilton 3D displays for Capstone include traffic. If so, invite them to make a presentation to the group on this display. If traffic is not part of the 3D display, drop the action.	Rathinam	8/31/2004	No traffic on 3-D displays	Done
44	7/30/2004	Write issue paper on RFG, Spectrum (and others) coordination of STP question on whether turning off the ADS-B broadcast is a required capability	ASSAP (Mariano/Castle)	8/31/2004	recommendations provided to STP group	done
45	7/30/2004	Coordinate whether notification to the pilot in case of ADS-B OUT failure is required	Rathinam/Stayton	8/31/2004	optional - is up to manufacturer. Will not be a minimum requirement	Done
46	7/30/2004	Distribute writing template (MOPS drafting template in WORD)	Searight	8/31/2004		OBE
47	7/30/2004	Write sections 1.1 through 1.4 of the ASAS MOPS	Petri	TBD	(some of it is outside CDTI scope)	
48	7/30/2004	Write/review section 1.6 of the MOPS	Mariano	TBD	(some of it is outside CDTI scope)	
49	7/30/2004	Write/update environmental test section	Stayton	TBD	(some of it is outside CDTI scope)	
50	7/30/2004	Write issue paper on mandating a standard CDTI symbol set.	Livack	9/10/2004	OBE	
51		Duplicate item deleted				Duplicate
52	8/11/2004	Own ship info missing from ASSAP to CDTI interface? ACM indication?	Petri	TBD	an error in the MASPS?	
53	8/11/2003	Read ALL application descriptions in ASA MASPS (appendices B through J)	all	9/30/2004	Summaries presented at the 11/04 meeting.	Done
54	8/11/2004	discuss CD alerting times. 120 seconds too long?	WG1 / ACM group		ACM wanted alert times to be much larger than TCAS	Done
55	11/3/2004	Revisit requirements for horizontal velocity vectors in ASA applications (EVApp and probing applications)	Randy Bone via Helleberg	12/2/2004	check with Randy for answer	
56	11/3/2004	Coordinate directional symbol use during TCAS TA/RA with SC-147	Rathinam/SC-147		in progress. Sethu will provide continuous updates.	