1	MINUTES
2 3	of IEEE Dynamic Spectrum Access Networks Standards Committee (DySPAN-SC)
4	21-23 March 2011
5	Singapore
6	
7	
8	Monday 21 st Mar, 2011 13:45 local time
9	1. Opening business
10	 IEEE DySPAN-SC started the meeting at 1:45 pm local time, Singapore, on
11	March 21, 2011.
12	 Chair Hiroshi Harada presided and Secretary Yohannes Alemseged presented.
13	 Chair Hiroshi Harada made a brief welcome message. As the meeting was the
14	first meeting of IEEE DySPAN-SC, everyone attending the meeting was entitled
15	to have voting right to make decisions during the meeting and until the P&P of
16	the DySPAN-SC establishes.
17	 Attendance of the participants was taken (Addendum A)
18	 Approval of the Ft. Lauderdale meeting agenda was requested
19	 Motion: Approve the 1st general meeting agenda of DySPAN-SC included
20	in Addendum B
21	 Moved by: Yohannes Alemseged
22	 Seconded by: Stefan Aust
23	Motion result: The motion passed by unanimous consent.
24	 Approval of the minutes of the 11th general meeting of SCC41 held in Fort
25	Lauderdale, Florida, was requested
26	 Motion: Approve the minutes of the 11th general meeting of SCC41 held in
27	Delft, The Netherlands Dec 13-15, 2010. The minutes are available at,
28	http://grouper.ieee.org/groups/scc41/files/minutes/SCC%2041%20Minutes
29	/SCC41Minutes-2010_12_13-FortLauderdale-DRAFT.pdf
30	 Moved by: Yohannes Alemseged
31	 Seconded by: Venkatesha Prasad
32	 Motion result: The motion passed by unanimous consent
33	
34	

1 2. Reports of officers 2 Chair Hiroshi Harada gave a brief introduction and requested the Secretary and the Treasurer to proceed with the secretary and treasurer reports respectively. 3 2.1 Yohannes Alemseged gave the Secretary's report (included in **Addendum C.1**). 4 Current officers and review of electronic ballots since the SCC41 F2F 5 meeting held in Fort Lauderdale. 6 2.2 Oliver Holland gave the Treasurer's report (Addendum C.2). 7 o Included items are annual and year to date report, meeting financials, 8 and WG finance availabilities. 9 3. Status of Working Group Items 10 Chair Hiroshi Harada invited IEEE DySPAN-SC WG chairs to present 11 status of their respective WGs. 12 o With regard to 1900.1, Chair Hiroshi Harada briefly restated the leadership 13 status of 1900.1. Since the former chair, Jim Hoffmeyer, requested for 14 15 resignation, appointing a chair is needed to start the WG activity. He indicated that there was a call for nomination and so far only one 16 nomination (Bernd Bochow) was received prior to the Singapore meeting 17 and he has communicated with the nominee to confirm his willingness to 18 19 take the position. Berned Bochow was invited to the floor to introduce himself to the meeting 20 participants. After the introduction, chair Hiroshi Harada expressed his 21 22 support for Bernd Bochow in terms of active involvement in the DySPAN-23 SC activities and he would like to appoint him as chair of 1900.1. He requested the meeting participants if they have any objection on that. No 24 objection was heard and hence Berned Bochow was appointed as chair of 25 the 1900.1 WG. 26 Chair of 1900.4 WG, Masayuki Ariyoshi, presented the current status of 27 1900.4 WG activities. Presentation slides are available at, 28 29 http://grouper.ieee.org/groups/scc41/files/presentations/March2011Si 30 ngapore/P1900.4_plenary_opening_closing_2011_03_21.pdf Secretary of 1900.5 WG, Yuriy Posherstnik, delegated by the 1900.5 31

Chair to Chair the 1900.5 sessions, presented the current status of 1900.5

WG activities. Presentation slides are available at,

32

1		http://grouper.ieee.org/groups/scc41/files/presentations/March2011Si
2		ngapore/P1900.5_plenary_opening_closing_2011_03_21.pdf
3		
4		o Yohannes Alemseged, delegated by the 1900.6 WG chair to Chair the
5		1900.6WG sessions, presented the current status of 1900.6 WG activities.
6		Presentation slides are available at,
7 8		http://grouper.ieee.org/groups/scc41/files/presentations/March2011Singapore/P1900.6_plenary_opening_2011_03_21.pdf
9		5apozo, 12700.00_pzonaz, _oponzen_00_5z.paz
10		o Chair of White Space Radio Ad Hoc, Stanislav Filin, presented the current
11		status of White Space Radio Ad Hoc. Presentation slides are available at,
12		http://grouper.ieee.org/groups/scc41/files/presentations/March2011Si
13		ngapore/WSR_adhoc_plenary_opening_2011_03_21.pdf
14		
15		 Stanislav Filin, mentioned that during the previous week during the
16		802 plenary session the white space radio ad hoc has received
17		around 100 comments to be considered with regard to its PAR and
18		5c document.
19		The PAR is on the agenda of the IEEE SA NesCom for
20		consideration during the March meeting. The ad hoc chair
21		reminded that two telephone conferences are planned in order to
22		consider and resolve the comments. The updated PAR and the 5c
23		document will be subject to the DySPAN-SC approval during the
24		closing plenary as indicated on the agenda. There was no objection
25		heard on the plan.
26		 DySPAN-SC Chair Hiroshi Harada, appreciated the hard work that
27		the ad hoc is going through and he encouraged all the interested
28		parties present in the F2F meeting to attend the telephone
29		conferences
30		
31	4.	Administrative Issues
32		Chair Hiroshi Harada gave a brief introduction and requested the secretary to
33		proceed with the administrative issues.

1	4.1 As the occasion is the 1 st DySPAN-SC general meeting, the following resolu	ıtions
2	passed by the ComSoc standards board (CSSB) on its February 2011 meeti	ng
3	was shared to the participants,	
4	o Accept the DySPAN projects formerly under SCC41 to ComSoc	
5	Standards Board sponsorship	
6	 P1900.1, P1900.2, P1900.3, P1900.4, P1900.5, P1900.6 and a 	all
7	PARs that were in the process of development (prior to 16	
8	December 2010) by any of the above Working Groups and/or	
9	undergoing the current cycle as part of the IEEE-SA approval	
10	process.	
11	 Establish a sponsor sub-group under the name of IEEE DySPAN 	I
12	Standards Committee (SC) with the following technical scope:	
13	 Dynamic spectrum access radio systems and networks with the 	е
14	focus on improved use of spectrum,	
15	 New techniques and methods of dynamic spectrum access 	
16	including the management of radio transmission interference, a	and
17	 Coordination of wireless technologies including network 	
18	management and information sharing amongst different dynam	nic
19	spectrum access radio networks.	
20	 Authorize, effective immediately, operation of the DYSPAN SC 	
21	under ComSoc Standards Board P&Ps until new DYSPAN SC	
22	P&Ps are prepared and approved by ComSoc Standards Boar	d
23	and the IEEE-SA AudCom.	
24	 Appoint Hiroshi Harada as DYSPAN SC Chair for a term of two years 	and
25	reporting to ComSoc Standards Board, effective the beginning of this	year
26	2011.	
27	 Authorize the DYSPAN Standards Committee within its technical score 	oe to
28	handle pre-standardization activities, including forming and disbanding	g of
29	Research Groups and Study Groups,	
30	 Handle complete life cycle of the standards, from PAR submission/ 	
31	approval to the sponsor ballot, IEEE-SASB approval, and publication	of
32	the standard.	
33	 Handle post approval activities including standards maintenance and 	
3/1	compliance testing	

1	 Handle financial and non-financial arrangement of committee meetings,
2	promotion of the committee, and activities including workshops and
3	conferences.
4	 Appoint Hiroshi Harada a non-voting member of the ComSoc Standards
5	Board.
6	The above resolutions were shared to the participants for information purpose.
7	4.2 The following items with regard to the IEEE DySPAN-SC P&P approval was
8	presented,
9	 As part of the CSSB resolution, it was authorized, effective
10	immediately, operation of the DYSPAN-SC under CSSB P&Ps until
11	new DYSPAN-SC P&Ps are prepared and approved by ComSoc
12	Standards Board and the IEEE-SA AudCom.
13	 P&P should be drafted and approved soon to facilitate the standard
14	development activity in DySPAN-SC.
15	 Initiative has been taken by Chair Hiroshi Harada and Yohannes
16	Alemseged to prepare draft P&P.
17	 The P&P was distributed to DySPAN-SC members and comments
18	were received accordingly.
19	 It was indicated that membership rules in the draft P&P was the major change
20	introduced compared to previous P&P of SCC41. The proposed draft P&P,
21	introduces membership of the committee limited to active WG chairs, active
22	task group (TG) chairs, and the committee officers and such as secretary and
23	treasurer under a name of DySPAN-SC executive committee voting members.
24	The following rational were presented as support of having limited
25	membership as opposed to membership of the entire participants that meet
26	requirements of meeting attendance.
27	 Difficulty of achieving quorum during F2F meetings and not able to
28	make timely decisions
29	 DySPAN-SC participants are expected to be affiliated to at least in one
30	of the WGs and their voice is represented by their respective WGs
31	 DySPAN-SC participants attached to particular WGs might not
32	continue to attend plenary meetings once their WG projects are
33	finalized

1		 Matters relevant to particular WGs can be nandled with in WGs and
2		decisions can be reconfirmed with in DySPAN-SC Eexecutive
3		Committee
4	0	Some participants objected strongly to such approach of membership as it
5		greatly affect the role of individuals in the decision making process.
6		Furthermore, individual participants will lose interest and they will have no
7		incentive for attending plenary meetings. DySPAN-SC needs to attract more
8		and more participants and opening the membership to all interested
9		participants is a better approach to achieve that.
10	0	Given that the membership issue has impact on the comment resolution of
11		the comments presented against the draft P&P, Chair Hiroshi Harada
12		requested the opinion of the meeting participants to indicate their preference
13		according to the following strawpoll
14		Strawpoll
15		A. Should voting membership be limited to WG chairs and officers?
16		B. Should voting membership comprise all interested participants (as was
17		in the previous SCC41 P&P)?
18		Result, Yes to option A, =8, Yes to option B, =6, Abstain =3
19	0	Chair Hiroshi Harada suggested that, the individuals working on the comment
20		resolution of the draft P&P, should take into account the strawpoll result to
21		work on the comment resolution proposal.
22	As tin	ne allocated for the day was over, Chair Hiroshi Harada suggested continuing
23	discus	ssion on the comment resolution of the DySPAN-SC P&P during the closing
24	plena	ry. Meeting was recessed at 18:30 pm local time
25	<u>Wednesday</u>	23 March, 2011 8:30 local time
26	0	Chair Hiroshi Harada welcomed everybody and informed that the discussion
27		on the draft P&P of DySPAN-SC will continue.
28	0	Yohannes Alemseged; presented a ppt, that proposes to include all the WG
29		officers in addition to the WG chair to the proposed DySPAN-SC EC
30		membership. He elaborated that, this would enhance the diversity of views
31		and better representation of WGs within the DySPAN-SC EC membership
32		while maintaining a manageable number of voting members. The proposal

1 2	also introduces to limit the number of voting members in the DySPAN-SC EC having the same affiliation to 3. The presentation slide is found at
3	http://grouper.ieee.org/groups/scc41/files/presentations/March2011Singapore/DySP AN-SC_EC.pdf
5 6 7 8 9	 Some participants voiced their objection that, in the above proposal if the number of the WGs and TGs grow, still the quorum issue might become a concern. There was a suggestion from the floor to limit the voting membership only to WG chairs and WG vice-chairs. Accordingly the was requested to entertain the following strawpoll
10	Strawpoll
11	If the DySPAN-SC voting membership is limited,
12 13 14 15	A. Should voting membership limited to DySPAN-SC officers, active WG officers and active TG officers?B. Should voting membership limited to DySPAN-SC officers, active WG chairs, active WG vice-chairs, active TG chairs, active TG vice-chairs?
16	Result; Yes for option A, = 5, Yes for option B,=8, Abstain = 5
17 18 19	 The presented ppt proposal on the DySPAN-SC EC structure was updated according to the outcome of the strawpoll. The following motion was on the floor;
20 21 22	Motion: Approve the document DySPAN-SC EC-ver2 found at the URL http://grouper.ieee.org/groups/scc41/files/presentations/March2011Singapore/DySPAN-SC_EC-ver2.pdf to implement the draft P&P of the IEEE DySPAN-SC
23	Moved by: Liru Lu
 24	 Seconded by: Yuri Posherstnik
25	Result Yes= 13, No=2, Abstain=2
26 27	 The remaining received comments against the draft P&P and proposed resolutions provided in the spreadsheet found at

1	http://grouper.ieee.org/groups/scc41/files/presentations/March2011Singapore/Co
2	mment%20Form-DySPAN-SC-PandP-ver4.xls
3	 Helpful inputs have been given from the participants and the spreadsheet
4	was updated accordingly. Finally the following motion was executed,
5	Motion: Approve the spreadsheet Comment Form-DySPAN-SC-PandP-ver4.xls
6	found at the URL
7	http://grouper.ieee.org/groups/scc41/files/presentations/March2011Singapore/Co
8	mment Form-DySPAN-SC-PandP-ver4.xls as comment resolution to implement
9	the draft P&P of the IEEE DySPAN-SC
10	Moved by: Bernd Bochow
11	Seconded by: Oliver Holland
12	Result; Yes=14, No=1, Abstain=2
13	 Chair Hiroshi Harada gave his appreciation to the participants, the
14	DySPAN-SC leadership and the individuals working on the draft P&P. He
15	further informed that the revised P&P based on the inputs from the F2F
16 17	meeting will be distributed to the participants of the meeting for electronic voting.
18	4.3 The Chair reminded that the next agenda item is the approval of the White Space
19	Radio ad hoc PAR. He requested Chair of the White Space Radio ad hoc to report to
20	the participants on the status of the PAR and 5c.
21	 Stanislav Filin, Chair of the White Space Radio ad hoc, briefed to the
22	participants on the process the ad hoc followed to resolve the comments.
23	He stated that all the comments were addressed during two
24	teleconferences. He further added that the WS Radio ad hoc has
25	approved updated PAR and 5C, as well as comment resolution file. These
26	documents are available at the following URLs
27	http://grouper.ieee.org/groups/scc41/adhoc-wsr/contrib/dyspan-ws-radio-
28	11-0017-04-Proposed-Resolutions.xlsx
29	http://grouper.ieee.org/groups/scc41/adhoc-wsr/contrib/dyspan-ws-radio-
30	11-0021-00-PAR.doc

http://grouper.ieee.org/groups/scc41/adhoc-wsr/contrib/dyspan-ws-radio-1 11-0020-00-5C.doc 2 As was indicated in the agenda, the following motion took place 3 4 Motion: to approve comment resolutions as in dyspan-ws-radio-11-0017-04, 5c as in dyspan-ws-radio-11-0020-00, and PAR as in dyspan-ws-radio-11-0021-00, 5 and to recommend IEEE SASB approval of the White Space Radio PAR 6 and establish the associated working group 7 Moved by: Filin Stanislav 8 Seconded by: Mikio Hasegawa 9 Discussion; 10 Max Reigel voiced his objection on the motion. He indicated that the 11 12 time provided to go through the comment resolution was not sufficient enough to run the motion. He proposed to run separate motion on PAR 13 and 5C, but delay motion on comment resolution file. 14 Yuriy Posherstnik asked why it is important to also approve the 15 comment resolution file. 16 Stanislav Filin responded that this file shows that WS Radio ad hoc 17 has carefully considered all received comments and provided 18 resolution to all comments. It will be used as feedback to the groups in 19 802 that have submitted the comments. But to do so, first it needs to 20 be approved by DySPAN-SC. 21 o Bernd Bochow spoke against the motion. He asked Stanislav Filin 22 whether the group considered to withdraw the PAR and 5C. 23 Stanislav Filin answered that there was such motion during the last 24 teleconference. That motion failed. This is opinion of the WS Radio ad 25 26 hoc group. o Chair Hiroshi Harada requested Stanislav Filin to explain participants 27 from how many entities in the WS Radio ad hoc voted in support of 28 29 PAR and 5C, and from how many entities – against. 30 Stanislav Filin, stated that participants from four entities, two from Europe and two from Asia, voted in support of the PAR and 5c while 31 participants from two entities from Europe voted against PAR and 5C. 32

1	Minutes are publically available on the WS Radio ad hoc contributions
2	server. o Max Reigel moved to postpone the main motion
3	o wax reiger moved to postpone the main motion
4	Motion to postpone:
5	moved by: Max Reigel
6	seconded: Venkatesha Prasad
7	Yes=7, No=10, Abstain=1
8 9	Finally after the motion to postpone failed, Chair Hiroshi Harada proceeded to conduct the main motion with the following result;
10	Result Yes=10, No=5, Abstain=3
l1 l2	With above result, Chair Hiroshi Harada requested the Ad Hoc group to proceed submitting the document to IEEE SA NesCom.
13 14	4.4 The following information with regard to an IEEE DySPAN-SC Workshop planned to be conducted by September was presented
15 16	 DySPAN workshop is planned to be held on September 16 (to be further confirmed) in Washington DC
17 18 19	 The idea is to bring together the DySPAN standards people along with the technical people from the ComSoc Technical Committee on Cognitive Networks
20	 It will be one day standalone workshop constituting mostly panel sessions.
21	o Workshop Co-Chairs
22 23	Prof. Rajarathnam Chandramouli, Stevens Institute of Technology, USA
24	Jim Hoffmeyer, Western Telecom Consultants, Inc., USA
25	Dr. Hiroshi Harada, NICT, Japan
26	Dr. Oliver Holland, King's College London, UK

1	4.5 The following information with regard to the migration of the IEEE SCC41			
2	website from www.scc41.org to www.dyspan-sc.org was shared to the			
3	participants.			
4	Some participants indicated that a note should provided as foot not in the			
5	website to indicate the content of the website is for information purpose.			
6	6. Wrap-up report from WG chairs			
7	 Chair Hiroshi Harada requested for wrap-up reports from WG chairs 			
8	 Chair of 1900.1 WG, Bernd Bochow, presented wrap-up report of 1900.1 			
9	WG activities. Presentation slides are available at,			
10	http://grouper.ieee.org/groups/scc41/files/presentations/March2011Si			
11	ngapore/P1900.1_plenary_closing_2011_03_23.pdf			
12	 Chair of 1900.4 WG, Masayuki Ariyoshi, presented wrap-up report of 			
13	1900.4 WG activities. Presentation slides are available at,			
14	http://grouper.ieee.org/groups/scc41/files/presentations/March2011Si			
15	ngapore/P1900.4_plenary_opening_closing_2011_03_21.pdf			
16	 Secretary of 1900.5 WG, Yuriy Posherstnik, presented wrap-up report of 			
17	1900.5 WG activities. Presentation slides are available at,			
18	http://grouper.ieee.org/groups/scc41/files/presentations/March2011Si			
19	ngapore/P1900.5_plenary_opening_closing_2011_03_21.pdf			
20				
21	 Yohannes Alemseged presented wrap-up report of 1900.6 WG activities. 			
22	Presentation slides are available at,			
23	http://grouper.ieee.org/groups/scc41/files/presentations/March2011Si			
24	ngapore/P1900.6_plenary_closing_2011_03_23.pdf			
25				
26	6. Meeting planning			
27	 Yohannes Alemseged presented meeting planning for future F2F meetings 			
28	(Addendum D)			
29	7. AOB			
30	 Chair Hiroshi Harada requested if there are any other businesses to be 			
31	discussed.			
32	 Venkatesha Prasad suggested that DySPAN-SC should be assign few 			
33	individuals as liaison to the other technical committees of ComSoc to facilitate			

the information flow in both directions so that the WGs of DySPAN-SC benefit from the technical input of these committees. Chair Hiroshi Harada accepted the suggestion and he will be explore the viable options of establishing the liaisons.

Chair Hiroshi Harada adjourned the meeting on Wednesday 23, 2011 13:00 local time

7 Annex

8 A. Attendance

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Voting participants at the time of the meeting

	Last Name	First name	Affiliation	Attend.
1	Ariyoshi	Masayuki	NEC	X
2	Aust	Stefan	NEC	X
3	Demessie	Yohannes	NICT	X
4	Filin	Stanislav	NICT	X
5	Harada	Hiroshi	NICT	X
6	Holland	Oliver	King's College London	X
7	Ishizu	Kentaro	NICT	X
8	Nguyen	Tran Ha	NICT	X
9	Sato	Naotaka (Bill)	Sony	Х
10	Takayoshi	Hiroto	Worldpicom	X
11	Watanabe	Jun	Bitmeister	X
12	Bochow	Bernd	Fraunhofer FOKUS	X
13	Riegel	Max	Nokia Siemens Networks	Х
14	Posherstnik	Yuriy	CERDEC	Х
15	Prasad	Venkatesha	TU Delft	X
16	Hasegawa	Mikio	Tokyo University of Science	Х
17	Mouton	Christian	NEC	Х
18	Xin	Zhang	NICT	X
19	Gundlach	Michael	Nokia Siemens Networks	X
20	Liru	Lu	NICT	Х

Observers

	21	Jim	Hoffmeyer	IEEE ComSoc Standards Board	Χ	
ĺ	22	Rosdahl	Jon	IEEE SA NesCom	Χ	

1	
2	Total participants = 22
3	
4	B. Agenda
5	Monday March 21, 2011 (opening)
6	1. Opening Business
7	1.1 Attendance
8	1.2 Approval of the agenda
9	1.3 Approval of minutes for Dec 13-15, 2010 meeting held at Ft Lauderdale
10	2. Reports of Officers
11	2.1 Secretary
12	2.1.1 Current DySPAN-SC officers
13	2.1.3 Review of electronic ballots since the last meeting
14	2.2 Treasurer
15	2.2.1 Annual and year to date report
16	2.2.2 Meeting financials
17	2.2.3 WG Finance Availabilities
18	3. Status reports from WG chairs
19	3.1 P1900.1
20	3.2 P1900.4
21	3.3 P1900.5
22	3.4 P1900.6
23	3.5 White Space Radio Ad Hoc
24	4. Administrative Issues
25	4.1 ComSoc standards board resolutions
26	4.2 IEEE DySPAN-SC P&P approval
27	Wednesday March 23, 2011 (closing)
28	4.3 IEEE DySPAN-SC White Space Radio Ad Hoc PAR approval

- 1 4.4 IEEE DySPAN-SC Workshop
- 2 4.5 IEEE DySPAN-SC website
- Wrap-up report from WG chairs
- 4 5.1 P1900.1
- 5 5.2 P1900.4
- 6 5.3 P1900.5
- 7 5.3 P1900.6
- 8 6. Meeting planning
- 9 7. Any Other Business
- 11 C. Officers Report
- 12 C.1. Secretary

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2.1 Secretary's report 2.1.1 Current Officers of DySPAN-SC

- o Hiroshi Harada Chair
- o Yohannes Alemseged Secretary
- o Oliver Holland Treasurer

2.1.2 Review of electronic ballots since the last F2F meeting

 Approval of DySPAN SC response to FCC NOI ET Docket No. 10-237 (ballot issued on Feb 11 and closed by Feb 25)

Approve=31, Do Not Approve=0, Abstain=3

 Approval of liaison between DySPAN SC and COST IC 0902 (ballot was issued on Feb 21 and closed by March 07)

Approve=30, Do Not Approve=0, Abstain=1

 Approval of 1900.6a PAR (ballot was issued on Feb 21 and closed by March 07)

Approve=31, Do Not Approve=0, Abstain=1

 Approval of White Space Radio PAR (ballot was issued on Feb 11 and closed by Feb 25)

Approve=28, Do Not Approve=2, Abstain=3

1st IEEE DySPAN-SC General Meeting – Singapore, Mar 21-23, 2011

1 2

3 C.2. Treasurer

2.2 Treasurer's Report
2.2.1 Annual 2009, Annual 2010, and 2011 to date

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2.2.2 Treasurer's Report: Meeting Financials

Division	Location	<u>Date</u>	Revenue	Expense	Net
DySPAN	P'way	Sept/Oct 09	\$14,515.50	\$10,872.38	\$3,643.12
1900.5	Ft. Laud.	Nov 09	\$1,015.00	\$396.55	\$618.45
1900.6	Grenoble	Nov 09	\$3,912.50	\$2,583.29	\$1,329.21
1900.4	Athens	Nov 09	\$11,603.75	\$11,192.89	\$410.86
1900.4	Tokyo	Jan 10	\$11,241.60	\$8,036.69	\$3 204.91
DySPAN	San Diego	Mar 10	\$231.80*	\$0.00*	\$231.80*
1900.6	Okinawa	May 10	\$4,548.95**	\$4,906.06**	\$(357.11)**
DySPAN	Delft	Jul 10	\$10,809.30	\$8,068.88	\$2,740.42
1900.5	Ft. Mon.	Aug 10	\$1,212.67	\$754.78	\$457.89
1900.6	Cagliari	Sept 10	\$3,238.10	\$2,776.03	\$462.07
DySPAN	Ft. Laud.	Dec 10	\$10,968.30	\$7,785.18	\$3,183.12
DySPAN	Singapore	Mar 11	\$0 ***	\$0 ***	\$0 ***

^{*} Meeting financial arrangements and planning were kindly dealt with by the Wireless Innovation Forum, hence this meeting had minimal impact on the DySPAN-SC account

1st IEEE DySPAN-SC General Meeting – Singapore, Mar 21-23, 2011

2.2.3 Treasurer's Report: WG's Finance Availabilities

 Financial assistance available to WGs from the DySPAN-SC account, should they require it. Calculated to 17th March 2011 according to the

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^{**} Planning for this 1900.6 meeting disrupted by uncertainty about 1900.4 collocation due to SASB freeze on 1900.4 meetings until a new Chair was found, hence deficit

^{***} Figures incomplete (revenue and expense not fully known at this time)

1 D. Meeting Planning

6. Meeting Planning

June 20-22	Brussels, Belgium	
Dec 12- 15	cottsdale, Az, USA	

1st IEEE DySPAN-SC General Meeting – Singapore, Mar 21-23, 2011