

# WCMS Steering Committee

## Minutes

11.30am, 13 April 2015

Attendees: David Pendleton, Chief Operating Officer  
Angela Clark, Director Innovation  
Kate Torney, Director News  
Michael Mason, Director Radio  
Richard Finlayson, Director TV  
Mark Woodley, Head Capital Works  
Ciaran Forde, Head Digital Architecture & Development, Innovation  
Amanda Walsh, Executive Manager Operations Group

Apologies: Lynley Marshall, Director International and Bruce Waters, Project Manager

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### Minutes of the Last Meeting

Subject to removing the phrase 'noting that some will fail', the Minutes were endorsed.

### Project Update

The project update was noted, with all dates running on schedule.

It was noted that the EPG is progressing in parallel, across a couple of releases.

The Integration project schedule remains outstanding. Cathy ask Gary Paterson to provide an update which confirms the scope of the integration project, of how rollout will occur, along with a schedule update (for migration purposes), will be provided to the Steering Committee as soon as possible, out of session.

Migration: Michael Mason will confirm that Radio National will migrate 'like for like'. The transition of News is on hold while the style guide is confirmed by the Online Executive to prevent the doubling up of work. David Pendleton will organise a meeting to consider the list of priorities, options, technical restrictions and the schedule and will follow the next Steering Committee meeting, including extra attendees as nominated by the Steering Committee. This will result in a formal project plan. The Online Executive meeting will organise a prioritise a list ahead of the next meeting.

Until the BVT requirements are finalised, it is yet to be confirmed if a change request is required.

It was agreed that the Key Risk (item 3.2, page 7) has been finalised since publication of the Update and is no longer a risk.

It was noted that staff leaving the project are part of the project plan as fewer resources are required as Core and Phase 1 work has been finalised.

Innovation are starting a list of business risks. The Risk listed on page 11 is therefore removed from the project Update. Innovation will be providing a regular update on Business Risks to the Steering Committee.

Melbourne training has been cancelled due to lack of interest.

**(David Pendleton left the room at this point)**

#### Financials

The financials were noted.

#### Core Media Support Contract

It was agreed that the technical solution is appropriate. The funding of the contract will be taken offline as a separate discussion, with David Pendleton. In the meantime, the contract could be resolved to be carried through existing capital and one yearly payment. Beyond 15/16, the Steering Committee will discuss the appropriate source of funds (Innovation does not agree that there is room in the existing capacity).

#### APIs

The API document will be re-written with more detail, especially around content APIs and how that content will move out of WCMS to mobile apps etc. There are different feature numbers to be discussed and Innovation will provide the number to Mark and Cathy.

#### BAU

Business As Usual is currently funded within the project capital costs for the next year.

The Steering Committee agreed that assumptions in the 2009 Board paper still hold today. A timeline with migration included and financial model will be brought to a separate meeting. This will include new assumptions on savings resulting from the project.

#### Other Business

UGC needs to be discussed at the next Steering Committee meeting.

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ABC BOARD - INFORMATION PAPER  
WEB CONTENT MANAGEMENT SYSTEM UPDATE

## INFORMATION PAPER

# ABC Web Content Management System Project Update

## Recommendation

That the Board:

**NOTE** the project progress to date in the implementation of the Web Content Management System (WCMS) Product Build as approved at the February 2013 Board meeting.

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Prepared by	Mark Woodley Head of Capital Works
Prepared on	29 March 2015
Endorsed by	David Pendleton Chief Operating Officer
Approved by	Mark Scott Managing Director

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## 1. Purpose

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The purpose of this paper is to provide information on the Web Content Management System (WCMS) project build approved at the February 2013 Board meeting and updated at the October 2013, May 2014 and December 2014 meetings.

This information paper provides an update which includes:

- A summary of the current project schedule;
- The progress to date; and
- A Financial status update

## 2. Background

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### 2.1 WEB CONTENT MANAGEMENT SYSTEM (WCMS)

The web content management system (WCMS) project will provide an efficient, robust and flexible solution for development and publication of ABC content to digital platforms to meet the ABC's increasing online needs as well as community expectations for the online delivery of ABC's services.

### 2.2 PREVIOUS ADVISE

At its February 2013 meeting the Board approved capital expenditure of \$10.2 million, noting ongoing operational costs and a preferred approach to completing the project. In October 2013 the Board noted progress to date and approved a change in scope to include a "Mobile First" approach in the foundation design and features. The change approved an increase of \$1.2 million to the project budget and an extension of the project timeframe by four months. The May & December 2014 papers provided information and status on the project progress, the project reviews, the revised schedule and accessibility status.

## 3. Activity & Progress

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Since December 2014, the project has been progressing with the feature build work in the Core, Stage 1 and Stage 2 as well as the foundation, integration, testing and training in accordance with the project schedule.

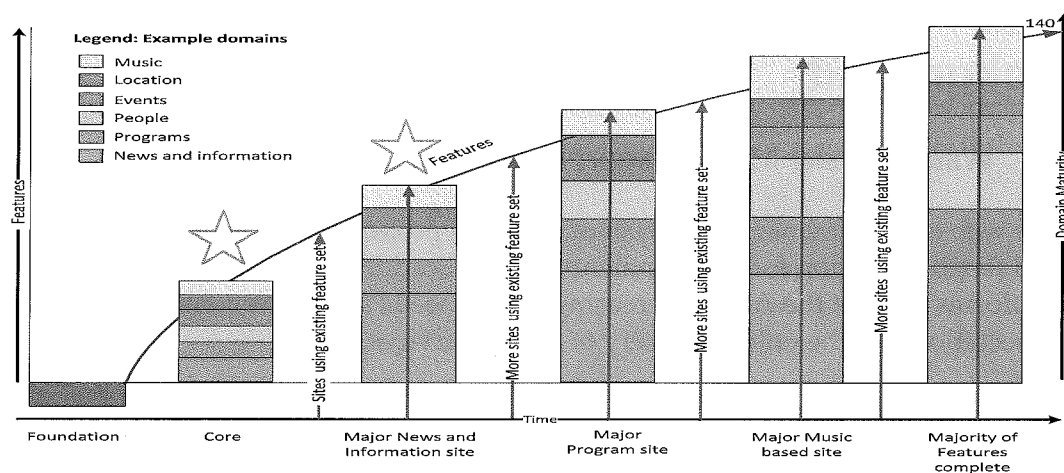
Over the final weekend of February 2015 the project reach a key milestone with the successfully deployed all features within the Core and Stage 1 into production. This delivered 107 of the total 160 features into our live production environment. Included in this deployment is the key adaptation of all features to include accessibility capability. For the first time the ABC Web capabilities include important accessibility features such as closed captioning within its standardised digital video player.

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The project team are currently undertaking the build work on stage 2 while designs are progressing on Stage 3. The project will continue with the scoping, designing, building and testing of features, together with the training, user acceptance testing and software deployment until its completion of the final feature in release 24. Once the final features and the stage 4 software is deployed, the project will then begin project closure, handing over any final ongoing operational functions of the WCMS product to Digital Networks to centrally manage under normal operating procedures, with support provided by ABC Technology in combination with the yearly support agreement with Core Media.

The diagram below presented in previous papers illustrates the features being built up over the various project stages. The first 2 columns now complete.



As reported previously, the team completed the code merge and now with the major software deployment all the Core and Stage 1 features are including in the live environment. This brings together the benefits of WCMS 1 and the shared features of WCMS 2. Joining these two systems together was a key activity and the single biggest achievement to date. The projects software team and ABC's Technology Division in collaboration with the Core Media architects in Germany developed a selection tool critical to both the old and new working together as one WCMS. The tool not only provides access to existing tenants, but an automatic selection of either the older software and features or the new features. This automatic tool allows current systems users, such as News or Radio National to continuing using the old features and when ready, a gradual transition to new pages using the new feature.

Without this tool, migration of existing users of the WCMS 1 would have found it necessary to rebuild thousands of Web pages in the new system while still maintaining their old Web pages and then in a "big bang" transition, cut across to the new build. This was a very large, costly and undesirable risk to the business which through clever design and planning has been avoided.

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An overview of various project stages and the number of feature releases within each is outlined in the following table.

Stage	Number of feature Releases
Core	9
Stage 1: (News & Information)	6 (+1 accessibility)
Stage 2: (emphasis on Radio)	3
Stage 3: (emphasis on TV)	3
Stage 4: (Other)	2
<b>Total</b>	<b>24</b>

*Table showing feature release numbers for each stage*

Over the period from November to March the project has progressed accessibility and feature releases 17 - 20. The feature build work has been completed on the releases up to 17, continues on 18 and 19 in combination with the scoping work for release 20. The accessibility work brought forward from release 23 was completed with the project team adapting all the features in releases 1 - 15 to include accessibility capability. The remainder of the features in releases 16 - 24 will include accessibility capability within the scope and first build of the features, so there will be no need to adapt any features to in the future.

The technical foundation work was initially scheduled to be finished before any of the feature stages were complete. Once the technical review was undertaken, in January 2014, the foundation work required more effort and was rescheduled to occur in parallel with the feature build stages. Initial delays were experienced in completing some of the designs and while these delays are resolved, the rapid deployment design remains a task yet to be completed. The rapid deployment design will need to be completed with the stage 2 feature build. Additional project resources are being managed from within the schedule contingencies so that this task remains off the critical path.

With the feature build of stage 2 completed in March, testing will occur and then deployment including rapid deployment will occur in May. This targeted resourcing of the foundation work will ensure that the project will be completed on schedule as outline in the following table.

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<i>Item</i>	<i>Original Schedule (Jan 13)</i>	<i>Current Schedule</i>	<i>Forecast Completion date</i>	<i>Status</i>
Project scoping	Feb-13	Complete	Complete	Complete
WCMS Team build up	Apr-13	Complete	Complete	Complete
<b>Foundation</b> - Design, external review, build and deploy	Jun-13	Aug -14	April 2015	In Progress (additional time required to finalise rapid deployment tool)
<b>Core</b> - Design, build and ready to deploy	Dec-13	Oct -14	Completed	Complete and deployed
<b>Stage 1:</b> Design, build & ready to deploy	Apr-14	Oct-14	Completed	Complete and deployed (accessibility added)
<b>Stage 2:</b> Design, build and ready to deploy	Jun-14	Feb-15	March - 15	In Progress
<b>Stage 3:</b> Design, build and ready to deploy	Oct-14	May 15	June - 15	In progress
<b>Stage 4:</b> Design, build and ready to deploy	Mar-15	July-15	July - 15	—

*Table showing project stage delivery dates*

### 3.1 USER ACCEPTANCE TESTING

The previous paper in December 2014 saw the User Acceptance Testing (UAT) in delay as a result of the project change requiring accessibility work to be brought forward and delays in the foundation work. The planned catch up of UAT has occurred and the schedule now has the features being completed, UAT being undertaken and feature by feature sign off occurring as per the original schedule model.



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Individual feature tests are completed at each release on a feature by feature basis. This is done first by the project team and then by the specialist users as assigned by each Division. Once the feature testing has been completed for each release that release is then approved as a finished deliverable.

At the completion of each project Stage, all releases and features in that stage are collectively tested against all other features built to date so as to ensure the stage has been completed and works collectively as per the agreed requirement. After this second testing has been completed the project Stage is then approved as completed and ready for deployment. This process has now occurred with all 107 features in the Core and Stage 1 and will continue for all features in stage 2, 3 and 4.

### 3.2 TRAINING

The project develops specific training targeted to train "super users". Once trained the super users will understand the new system features being delivered at this stage, the system capability and any specific tools required for using the WCMS product. Training is scheduled before and during the stage testing phases of the project. At this time a selection of the super users will undertake the user acceptance testing of the features to ensure that a good understanding of what has been developed is put into practise with the testing of the feature releases.

The following table details the number of "super users" trained from the various Divisions:

Course Date	Location	Attendees					TOTAL
		Innovation	International	News	TV	Radio	
18/19 Sept	Sydney	2	1			2	5
29/30 Sept	Sydney				4		4
16/17 Sept	Brisbane	1		6		2	9
2/3 Oct	Melbourne	2	2		4	2	10
2 Dec	Sydney				3		3
<b>TOTAL</b>		<b>5</b>	<b>3</b>	<b>6</b>	<b>8</b>	<b>6</b>	<b>31</b>

The project is currently preparing the training material framework for Stage 2 and will start on the next round of scheduled training in April 2015.

Once super users are trained, "elearning" web training sessions are made available for other WCMS users. It is planned that the super users in each Division will assist in the training of staff within their Divisions before they start using the new WCMS product.

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## 4. Operational Handover

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With both the Core and Stage 1 of the project complete and deployed, the next major deployment of software will be stage 2. At this stage it is planned that Innovation now Digital Networks will take over the operational team managing the ongoing aspects of the WCMS product. The project currently manages this team referred to as the Business as Usual team (BAU). The BAU team are responsible for bug fixes, minor enhancement and live deployment of software into the production environment, "live websites" and under Digital Networks will continue to manage these activities.

While the planning is currently underway, the exact timing of the BAU team move will depend on the logical point in the schedule to achieve a smooth transition. This transition is also being considered with the other planning activities underway in the establishment of the Digital Networks Division. It is anticipated that Digital Networks will take on the BAU role and include the WMCS product support role within their new Division. Currently this move is planned to occur after the next major software deployment, Stage 2, scheduled May 2015.

To ensure that a clear handover can take place where both the project build activities and the critical support functions are not impacted by the change, the project team has documented the current operational practises and the necessary controls required while the project continues to completion. These practises and controls have been in place with occasional refinements since the first WCMS 1 software was deployed and it is critical in the successful delivery of continued support and all future developments.

With the product handover, the transition plan to bring sites into the new WMCS will start to occur. Digital Networks Division will oversee the output Divisions in this transition and plans to undertaking a Business Verification Testing (BVT) process. The project completes the stages of technical feature testing and the user acceptance testing as outlined above to prove the system has been design and works in accordance with the requirements. The UAT forms the approval that the project deliverable has been successful. The BVT will be used as confirmation that all features and operational practises are in place to start the transition of all web sites into the WMSC 2.

While this BVT occurs in parallel with ongoing project stages, the project team is helping setup the environments required for BVT and will also provide scheduled time during the project build stage on the various test environments. As BVT is the first stage of transition it is therefore not reported on by the project within the standard project governance. The project is confident that the approved UAT testing undertaken covers all the requirements and so BVT will be successful.

Once the project build has been completed it may be opportune to review changing or evolving operational requirements and Digital Networks will be in a position to manage this with the business units. The Technology Division plays an important role in the support of the hardware and unpinning integration/s to other systems within the ABC. Technology's support role during the project build has remained constant and it is assumed that this will remain unchanged together with the yearly contracted CoreMedia support.

## 5. Financial status

Product Support - Ongoing <i>Figures in '000s</i>	FEBRUARY			YTD FEBRUARY 2015			FY 14/15			Total Product Support		
	Actuals	Budget	Variance	Actuals	Budget	Variance	Forecast	Budget	Variance	Forecast	Budget	Variance
Salaries	399	106	(293)	1,013	849	(164)	1,607	1,274	(333)	4,804	4,683	(121)
Hardware	0	9	9	0	71	71	19	107	88	79	399	320
Software	102	87	(15)	133	694	561	901	1,041	140	2,125	3,295	1,170
Other	3	22	19	38	173	135	65	259	194	799	(270)	(1,069)
<b>Total</b>	<b>504</b>	<b>223</b>	<b>(281)</b>	<b>1,184</b>	<b>1,787</b>	<b>603</b>	<b>2,592</b>	<b>2,681</b>	<b>89</b>	<b>7,807</b>	<b>8,107</b>	<b>300</b>

Product Build - Project <i>Figures in '000s</i>	FEBRUARY			YTD FEBRUARY 2015			FY 14/15			Total Product Build		
	Actuals	Budget	Variance	Actuals	Budget	Variance	Forecast	Budget	Variance	Forecast	Budget	Variance
Salaries <sup>1</sup>	173	301	128	2,797	2,411	(386)	3,620	3,617	(3)	8,658	8,763	105
Hardware	0	0	0	2	0	(2)	2	0	(2)	332	700	368
Software	0	5	5	19	37	18	19	55	36	54	220	166
Other (incl Redundancies)	(97)	19	116	321	149	(172)	357	223	(134)	1,524	897	(627)
Phase II <sup>2</sup>	0	0	0	0	0	0	0	0	0	270	270	0
<b>Sub-Total</b>	<b>76</b>	<b>325</b>	<b>249</b>	<b>3,139</b>	<b>2,597</b>	<b>(542)</b>	<b>3,998</b>	<b>3,895</b>	<b>(103)</b>	<b>10,838</b>	<b>10,850</b>	<b>12</b>
Contingency <sup>3</sup>	0	0	0	0	0	0	0	0	0	305	1,010	705
<b>Total Build inc Contingency</b>	<b>76</b>	<b>325</b>	<b>249</b>	<b>3,139</b>	<b>2,597</b>	<b>(542)</b>	<b>3,998</b>	<b>3,895</b>	<b>(103)</b>	<b>11,143</b>	<b>11,860</b>	<b>717</b>

### Notes

- 1 \$1.2m additional CR50: Mobile First.
- 2 Carry in of \$270k Assets from Phase II.
- 3 \$600k: CR102 & CR103



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## 6. Recommendation

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That the Board:

**NOTE** the project progress to date in the implementation of the Web Content Management System (WCMS) Product Build as approved at the February 2013 Board meeting.



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# ABC WCMS Project

## Steering Committee REPORT

# May 2015

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### **DISTRIBUTION**

Steering Committee

Product Development Group (PDG)

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## 1. EXECUTIVE SUMMARY

### 1.1 Progress this month

#### Schedule

Feature Design – Stage 3 (TV) high level designs for Design Stage 3.1 is at 95% complete. The design requirements for 5.1 Standard Content Importation and 12.10 System Integration Layer are to be presented at the PDG on the 5 May 2015 for sign off. Stage 4 (Other) requirements gathering for feature has commenced.

Feature Build - Stage 2 (Radio and Program) build, functional testing and User Acceptance Testing is complete except for the EPG feature. Non- functional and regression testing has commenced. Stage 2 feature deployment to production is scheduled for the 22 May 2015.

The EPG Feature is being developed in parallel and will be released with Stage 3 Features.

#### Foundation

Performance enhancements have been deployed into the production environment as part of the Stage 1 and Core release. These enhancements provided better user response times and increased system stability.

#### Change Management

The current status is:

- BAU Handover – Digital Networks (DN) have presented new DN capability to WCMS team
- Currently confirming contract extensions for WCMS Staff
- Developing training material framework for Stage 2 and preparing for next round of UAT

#### Integration Project

- Project Schedule has been updated to include the point to point integration i.e., On Air, PAPI and BTS. This schedule has been presented to Digital Networks and released to the Steering Committee.
- Overall requirements gathering for Feature 5.1 Content importation and Feature 12.10 Integration framework ready for PDG sign off on 5 May 2015 - - COMPLETED
- OnAir Mapping Documents ready for PDG signoff on 5 May 2015 - COMPLETED
- Radio API (PAPI) Mapping Documents ready for PDG signoff on 5 May 2015 - COMPLETED
- High level design for Feature 5.1 and 12.10 has been prepared in parallel and will follow the standard process of ARG endorsement. Targeting ARG endorsement on 14 May 2015 - COMPLETED.

#### CoreMedia Support and License Contract Renewal

The current status is:

- CoreMedia have agreed to an extension of the current support and license agreement whilst negotiations are taking place.
- Direct Procurement memo prepared and signed off by COO and Managing Director.
- Contract has been forwarded to CoreMedia for sign off and Contract finalisation expected to conclude as soon as possible.

### Test Tenant

- Currently a test tenant, which images part of the AUSTRALIAPLUS site, was created in production using existing Production Freemarker Templates
- The site was built in development, deployed through both the test and Staging environments and into Production - proving tenant movement across environments
- The URL is: [www.abc.net.au/abc4000](http://www.abc.net.au/abc4000)

### Transition of Existing Tenants to WCMS Phase 2

Currently Transition Project is On-Hold.

### Business Verification Testing

The current status of the Business Verification Testing (BVT) is:

- The project has received confirmation from Digital Networks (Neil Wilkinson) on the definitive list of 40 BVT test scenarios.
- BVT testing has commenced with 24 tests completed to date.
- Initial focus of the testing was on the development testing which Matt Brennan (WCMS Developer) spent a number of days going through these tests with Digital Networks (Neil Wilkinson and Anthony Ko).
- Digital Networks lead Tester (Neil Wilkinson) has provided a target completion date of 5 May with a BVT report to be provided on 8 May.

## 1.2 Key activities for next month

- Finalise Non-Functional & Functional testing of Stage 2
- Deploy Stage 2 to Production
- Continue build of Stage 3
- Commence Build of Integration deliverables
- Assist Digital Network to Complete BVT
- Complete CoreMedia support contract negotiations with aim to sign-off new agreement

## 1.3 WCMS Key Milestones

The key dates for the program listed in the following-table:

<i>Item</i>	<i>Original Schedule (Jan 13)</i>	<i>Current Schedule</i>	<i>Forecast Completion date</i>	<i>Status</i>
Project scoping	Feb-13	Complete	Complete	Complete
WCMS Team build up	Apr-13	Complete	Complete	Complete
<b>Foundation</b> - Design, external review, build and deploy	Jun-13	Aug -14	Dec -14	In Progress
<b>Core</b> - Design, build and ready to deploy	Dec-13	Oct -14	Dec - 14	Complete (accessibility added to core features) *
<b>Stage 1:</b> Design, build & ready to deploy	Apr-14	Oct-14	Jan - 14	Complete (accessibility added to stage 1) *
<b>Stage 2:</b> Design, build and ready to deploy	Jun-14	Feb-15	April - 15	In Progress

<b>Stage 3:</b> Design, build and ready to deploy	Oct-14	May 15	July - 15	—
<b>Stage 4:</b> Design, build and ready to deploy	Mar-15	July-15	August - 15	—

\*Accessibility Release was moved to Stage 1 from Stage 4

## 2. Product Build

### 2.1 Core and Stage 1 - Deployed to WCMS Production

### 2.2 Stage 2 – (Radio)

- The build, Functional testing and UAT of the Stage2 features (except EPG) completed
- UAT executed – 1 P3 defect is being resolved
- Non-Functional Testing of these Stage 2 features is WIP
- Build for feature 12.21 EPG (Schedule Events) is complete. However this feature will NOT be included in the stage 2 deployment currently scheduled for 22 May.

### 2.3 Stage 3 – (TV)

- The requirements for all features in Stage 3 are complete and approved by PDG
- High level design for the Stage 3 features has commenced
- Requirements gathering and validation for Radio Gap 15 (Local Weather) is Work in Progress. Requirements for all other Radio gaps in Stage 3 are completed and approved by the PDG.
- Requirements for TV gaps 22, 23 and 24 (Video Bookmarks, Video Pre-roll and Video Event Tracking) are completed and approved by the PDG on 13/3/2015
- PDG approved on 13/1/15 the decision that no additional requirements or new deliverables are required against the feature (12.39 Search UGC Content) in Stage3 – Release 1
- PDG approved on 13/1/15 the decision that no additional requirements or new deliverables are required against the feature (6.6 Cross Promotion Management) in Stage3 – Release 2
- PDG approved on 2/12/14 the decision to merge the two features (12.40 Single Sign On) and (12.27 Login)

### 2.4 Stage 4 – (Other)

- Gap analysis for the other tenants (International, Commercial & Innovation) completed and Gap analysis Report being prepared.
- Requirements gathering for features in Stage4 progressing as per schedule

## 3. Product Support (BAU)

### Next BAU Deployment (May)

The next planned release will be for the Stage 2 (Radio) features currently scheduled to occur as Release 15.01 and are targeted for the 22 May 2015 deployment date.

### 3.1 Key Milestones

The key dates for the Product Support workstream are listed in the following table:

Activity:	End Date Revised	End Date Baseline	Status / Comment
Support release 13.02 deployed (Windows 7 compatibility)	Jan 2013	Jan 2013	Complete
Support release 13.03 (Importer enhancements)	Mar 2013	Mar 2013	Complete
Support release 13.04 (Disaster Recovery update)	Apr 2013	Apr 2013	Complete
Support release 13.05 (News Mobile prep)	May 2013	May 2013	Complete
Rural (CR #73) Stage 1 launch			Complete
Release 13.07 News Mobile (CR #74) launch	Jul 2013	Jul 2013	Complete
Support release 13.08b (Feature Promo)	Aug 2013	Jul 2013	Complete Delayed for NWR76
Support release 13.08a Content Syndication tweak (NWR 76)	Aug 2013	Aug 2013	Complete
Support release 13.08c– (Workflow Patch)			Complete
Support release 13.09 (NWRQ 79, 81, 83, 77, WCMS 1144 & 1149, Support 157 & 159)	Oct 2013	Sep 2013	Complete
Support release 13.10 (NWRQ 69)	Oct 2013	Oct 2013	Complete
Development on News Segmentation and Encoding (NSE)	Dec 2013	Dec 2013	Complete
Support release 13.12 (NSE)	Dec 2013	Dec 2013	Complete
NG3 – WA State edition 14.03	Mar 12 & 19	Mar 2014	Complete
NG3 – Extension – 14.05	Apr 16	Apr 16	Complete
NG3 – Extension – 14.06	July 23-24	Jun 4	Complete
Combined NEWS/RN (inc NG3)- 14.07A	July 23-24	July	Complete
14.08 – EDP deployment	Dec 14	Aug 14	Complete
14.08 - patch	17 Dec 14	17 Dec 14	Complete
14.12 – Core and Stage 1	27 Feb 15	27 Feb 15	Complete
15.01 – Radio specific features	29 Apr 15	22 May 15	In progress – subject to testing

Table 2: Key Dates – Product Support

### 3.2 Key Risks – Operational Handover

The following risks have been highlighted as they have significant potential impact on the project.

		Identification			Control
No.	Who	Risk Description	Risk Rating	Assigned To	Mitigation Strategy
147	Ken Gallacher	<b>Operational Handover - Innovation/IT</b> Business case assumes that the product will be supported ongoing by Innovation.  Risk: On-boarding slowness and slowness of further feature build if handover is not effective	25	Ciaran Forde / Ping Fai-Tse/ WCMS	- Include ongoing support in business case [Done] - Develop an operational handover document to outline key support operations - Develop BAU staffing plan with project

- Operational Framework – Action on Innovation to re-open discussion on the OF document. Main point seems to be around how the Tenant Deployment Process will operate to move Web artefacts (style sheets, templates changes etc.) from WCMS development to Production environments; this is being covered under the revised Enhanced Deployment Process high level design that is currently going through detailed requirements gathering under management by Technology.
- BAU Handover – Staff details have been passed to Innovation for review to allow decisions to be made about potential migration of WCMS staff to Digital Network (DN) BAU structure. DN structure came into being as of Wednesday 11<sup>th</sup> March, presentation to WCMS team given by Ciaran Forde and Alvaro Marquez, in which Ciaran stated that it was expected that the 'To Be' WCMS BAU support organisational structure would be known by 1<sup>st</sup> April and that WCMS staff would be approached at that time for transition to DN.

### 3.3 Active Change Requests – Product Support

The following changes are being managed through the WCMS Product Support change control process.

CR	Description	Status	Owner	Scheduled	Action
None	None				

## 4. Foundation

Performance enhancements have been deployed into the production environment as part of Stage 1 and Core release. These enhancements provided better user response times and increased system stability. The Foundation team are now implementing the Varnish caching layer in the Test environment.

Detailed Foundation milestones below.

Activity:	Forecast	Planned	Status / Comment
WCMS infrastructure enhancements requirements (AR1) Caching 7 & Traffic Management requirements (AR3)	Nov 2013	Nov 2013	Complete
WCMS Environments requirements (AR 10) Enhanced Deployment Process (AR11) WCMS Infrastructure detailed design (AR 1)	Feb 2014	Dec 2013	Complete
WCMS infrastructure enhancements implementation (AR1)	Dec 2013	Dec 2013	Complete
Performance testing/environment POC implementation (AR2)	Feb 2014	Feb 2014	Complete
WCMS Application High Level Design (AR 9)	Mar 2014	Nov 2013	Complete
Enhanced Deployment Process implementation (AR11)	Dec 2014	Apr 2014	Complete
WCMS Non-Prod Environments implementation (AR 10)	Aug 2014	Mar 2014	Complete
Monitoring System implementation (AR2)	Sept 2014	July 2014	Impacted by Rel. 14.08 issues
Caching 7 & Traffic Management detailed design (AR3)	TBA	Jan 2014	On hold pending Technology design, not critical path
Caching 7 & Traffic Management implementation (AR3)	TBA	Apr 2014	On hold
Foundation work complete	TBA	Jul 2014	Schedule adjusted to meet project priorities

## 5. Change Management Update

### Current status

- Delivered Stage 2 Training – Sydney on 22<sup>nd</sup> and 24<sup>th</sup> April - COMPLETED
- Stage 2 Training in Melbourne scheduled for 13<sup>th</sup> and 14<sup>th</sup> April - CANCELLED
- Showcase Thursday 16th April - COMPLETED
- Product catalogue, e-learning, showcase and stage 2 training material updated – ONGOING
- Trainer left the ABC on Friday 24th April

The following table currently details the number of people trained from the various Divisions:



Course Date	Location	Attendees					TOTAL
		Digital Network	International	News	TV	Radio	
18/19 Sept 20 14	Sydney	2	1			2	5
29/30 Sept 2014	Sydney				4		4
16/17 Sept 2014	Brisbane	1		6		2	9
2/3 Oct 2014	Melbourne	2	2		4	2	10
2 Dec 2014	Sydney				3		3
Various	Sydney	1		4		1	6
Various	Melbourne (webex)		7	1			8
22/24 April 2015	Sydney	3	1	1	4		9
<b>TOTAL</b>		<b>9</b>	<b>11</b>	<b>12</b>	<b>15</b>	<b>7</b>	<b>54</b>

The following table details the number of people that intend to attend the showcase from the various Divisions:

Course Date	Location	Attendees					TOTAL
		Digital Network	International	News	TV	Radio	
13-Nov 2014	Showcase – local				3	1	4
	Showcase - remote					4	4
16-April 2015	Showcase - local		1			6	7
	Showcase - remote						0
<b>TOTAL</b>			<b>1</b>		<b>3</b>	<b>11</b>	<b>15</b>

#### Activities for next period

- Go to market for a trainer
- Continue to chase up communication on intranet article
- Developing BAU Team hand over document for Digital Network
- Follow up on signatures from PDG members

## 6. Integration Project – Current status

The current Project Status is as follows:

- Project Schedule has been updated to include the point to point integration i.e., On Air, PAPI and BTS. This schedule has been presented to Digital Networks and released to the Steering Committee.
- Overall requirements gathering for Feature 5.1 Content importation and Feature 12.10 Integration framework ready for PDG sign off on 5 May 2015 - - COMPLETED
- OnAir Mapping Documents ready for PDG signoff on 5 May 2015 - COMPLETED

- Radio API (PAPI) Mapping Documents ready for PDG signoff on 5 May 2015 – COMPLETED
- High level design for Feature 5.1 and 12.10 has been prepared in parallel and will follow the standard process of ARG endorsement. Targeting ARG endorsement on 14 May 2015 – COMPLETED

Priorities for next period

- Complete the BTS Mapping and Use Case Documents
- Commence Detail Design for Feature 5.1 and 12.10 including OnAir, PAPI and BTS Integration

## 7. Transition of Existing Tenants

Transition project is on hold

## 8. WCMS Resources – Changes for February

WCMS team

Departures:

- David Lockwood – Training Lead
- Ankur Jain – Test Analyst
- Ref Hoogervorst – Integration Project Manager

Arrivals:

- Paripooranan Sivaramakrishnan – Automation Tester

## 9. PDG Update

PDG Meeting on Tuesday 7<sup>th</sup> April 2015

Features reviewed:

- 12.20 Diary and Events - Feedback on scope provided by PDG and strawman is now in progress

PDG Meeting on Tuesday 21 April 2015

Features reviewed:

- No features were presented at this PDG Meeting

## 10. Key Risks – WCMS Project

The following risks have been highlighted as they have significant potential impact on the project.

The full risk register is distributed separately to this report and reviewed monthly.

		<i>Identification</i>			<i>Control</i>
No.	Who	Risk Description	Risk Rating	Assigned To	Mitigation Strategy
147	Ken Gallacher	<b>Operational Handover - Innovation/IT</b> Business case assumes that the product will be supported ongoing by Innovation.  Risk: On-boarding slowness and slowness of further feature build if handover is not effective	25	Ciaran Forde / Ping Fai-Tse/ WCMS	- Include ongoing support in business case [Done] - Develop an operational handover document to outline key support operations - Develop BAU staffing plan with project

Operational Framework – Action on Innovation to re-open discussion on the OF document. Main point seems to be around how the Tenant Deployment Process will operate to move Web artefacts (style sheets, templates changes etc.) from WCMS development to Production environments; this is being covered under the revised Enhanced Deployment Process high level design that is currently going through detailed requirements gathering under management by Technology.

BAU Handover – Staff details have been passed to Digital Networks for review to allow decisions to be made about potential migration of WCMS staff to Digital Network (DN) BAU structure. Digital Network structure came into being as of Wednesday 11th March, presentation to WCMS team given by Ciaran Forde and Alvaro Marquez, in which Ciaran stated that it was expected that the ‘To Be’ WCMS BAU support organisational structure would be known by 1st April and that WCMS staff would be approached at that time for transition to Digital Networks.

## 11. Financial Performance

### WCMS FINANCIAL SUMMARY AS AT April 2015

Product Support - Ongoing	April			YTD April 2015			FY 14/15			Total Product Support		
<i>Figures in '000s</i>	Actuals	Budget	Variance	Actuals	Budget	Variance	Forecast	Budget	Variance	Forecast	Budget	Variance
Salaries	269	106	(163)	1,413	1,062	(351)	1,697	1,274	(423)	4,683	4,683	0
Hardware	0	9	9	0	89	89	10	107	97	70	399	329
Software	3	87	84	136	868	732	2,502	1,041	(1,461)	3,726	3,295	(431)
Other	6	22	16	51	216	165	65	259	194	799	(270)	(1,069)
<b>Total</b>	<b>278</b>	<b>223</b>	<b>(55)</b>	<b>1,600</b>	<b>2,235</b>	<b>635</b>	<b>4,274</b>	<b>2,681</b>	<b>(1,593)</b>	<b>9,278</b>	<b>8,107</b>	<b>(1,171)</b>

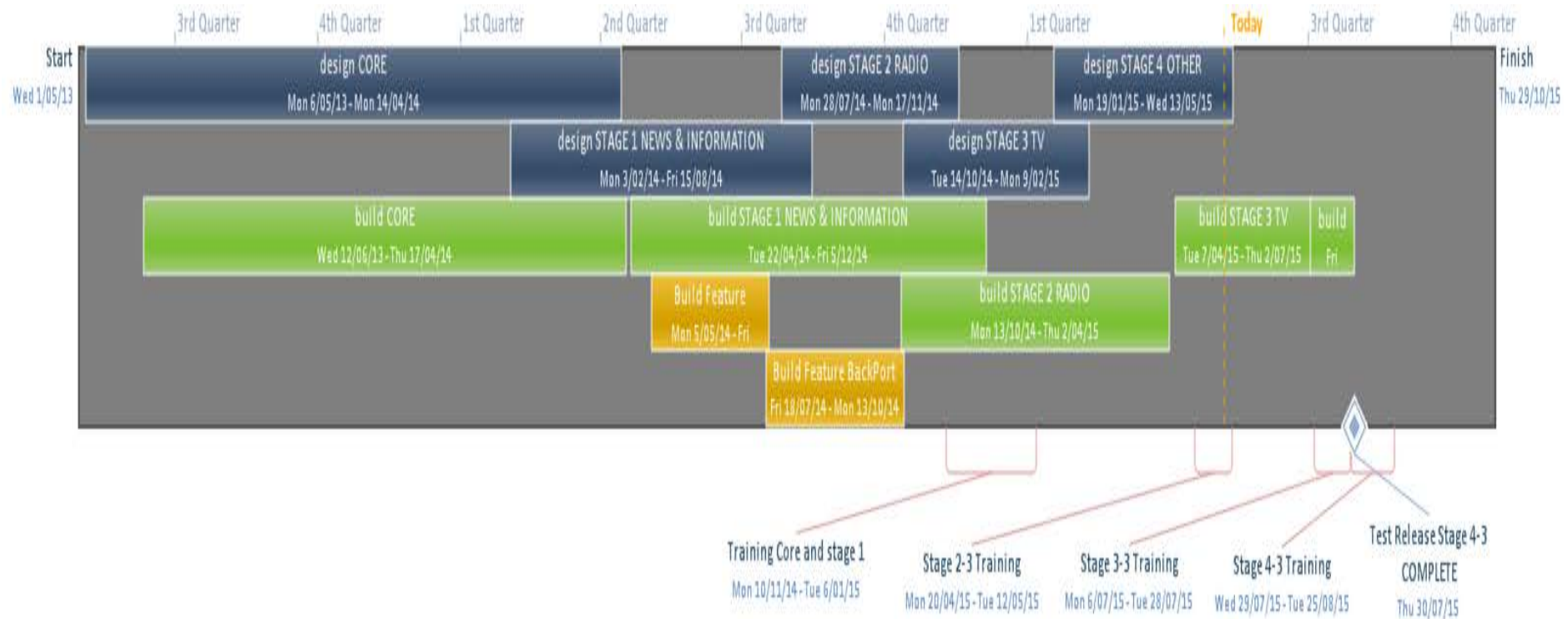
Product Build - Project	April			YTD April 2015			FY 14/15			Total Product Build		
<i>Figures in '000s</i>	Actuals	Budget	Variance	Actuals	Budget	Variance	Forecast	Budget	Variance	Forecast	Budget	Variance
Salaries <sup>1</sup>	307	301	(6)	3,406	3,014	(392)	3,722	3,617	(105)	8,731	8,763	32
Hardware	0	0	0	2	0	(2)	2	0	(2)	332	700	368
Software	0	5	5	55	46	(9)	19	55	36	54	220	166
Other (incl Redundancies)	11	19	8	341	186	(155)	351	223	(128)	1,463	897	(566)
Phase II <sup>2</sup>	0	0	0	0	0	0	0	0	0	270	270	0
<b>Sub-Total</b>	<b>318</b>	<b>325</b>	<b>7</b>	<b>3,804</b>	<b>3,246</b>	<b>(558)</b>	<b>4,094</b>	<b>3,895</b>	<b>(199)</b>	<b>10,850</b>	<b>10,850</b>	<b>0</b>
Contingency <sup>3</sup>	0	0	0	0	0	0	0	0	0	305	1,010	705
<b>Total Build inc Contingency</b>	<b>318</b>	<b>325</b>	<b>7</b>	<b>3,804</b>	<b>3,246</b>	<b>(558)</b>	<b>4,094</b>	<b>3,895</b>	<b>(199)</b>	<b>11,155</b>	<b>11,860</b>	<b>705</b>

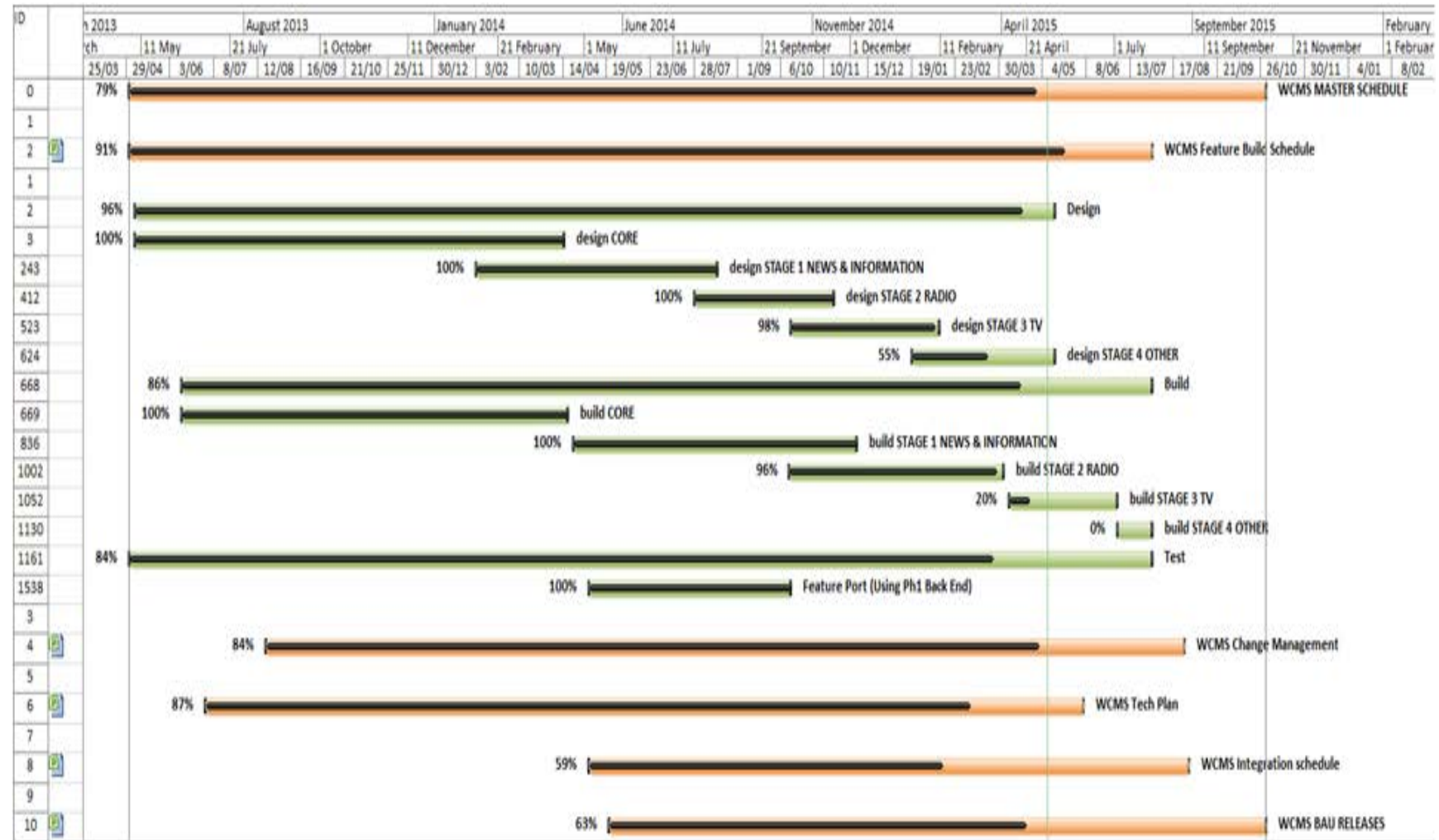
#### Notes

- 1 \$1.2m additional CR50:Mobile First.
- 2 Carry in of \$270k Assets from Phase II.
- 3 \$600k: CR102 & CR103

## 12. Appendix A: Project Milestone Plan and High Level Schedule as at 5 May 15

The project baseline and milestones remain the same as per the approved Business Case.





## 13. Appendix B: WCMS Dashboard as at 24 April 15

## WCMS Dashboard

24<sup>th</sup> April 2015

*"One system and a set of shared templates providing a solid product base that can be built upon that can be used by the entire ABC to easily onboard new websites allowing the ABC Audience to explore all ABC content when and where they want."*

Release	UAT*	Showcase (**stage UAT)	Target date for deployment into Production	Features available
Core and Stage 1	Complete	6/02/15	28/02/15	Core and Stage 1 (Rel. 14.12)
Project Celebration			6/3/15	
Stage 2	17-20/3/15, 20-24/4/15	24/04/15	22/5/15	Stage 2 – Radio and Program features (Rel. 15.01)
Stage 3	6-10/7/15	13/7/15	28/8/15	Stage 3 - TV and Video features
Stage 4	24/07/15 – 30/07/15	30/07/15	25/9/2015	Stage 4 – Other features

\*Feature by feature testing – feature testing complete

\*\*Features all working together - stage testing complete



## 14. Appendix C: List of Features by Release

The following features are scheduled to be delivered by the completion of:

### 14.1.1 R12 (Built in R10, R11 & R12).

Feature	Description
7.7.1 Dynamic Collections	The creation of content lists, automatically-generated based on specified criteria (e.g. published date).
12.1 Editor Search	Ability for a Coremedia-user (e.g. editor) to search for content across the repository.
7.2.1 Templating	The configuration and creation of page layout-management toolsets
1.1.2 Text document	The display and creation of text-centric, Article objects.
7.4.1 Extended Article document	The display and creation of text-centric (such as Articles) objects
7.9.5 Embedded Content	The display and configuration of content (e.g. Article, Image) embedded into Rich Text properties
12.34 Related Content	Overarching attribute of content objects' to display selected related-items in a defined way.
12.9 Default Presentation of content	Overarching attribute of Coremedia to present content objects in a defined way.
2.1.3 Legacy URLs	Allows the WCMS to redirect a request for a legacy/Wallace URL to the Core Media URL
3.1 Search Form	Simple search form which submits the query to a third-party (Funnelback) search engine.
3.3 Search Results	The display of the results of a search query, provided by a third-party (Funnelback) search engine.
7.3.4 Site header	The display and configuration of site-wide visual scaffolding (including header elements), for use by each Coremedia tenant.
7.3.6 Site footer	The display and configuration of site-wide footer navigation menu, for use by each Coremedia tenant.
7.3.3 Global Footer	The display and configuration and ABC-wide navigation menu (footer).
7.3.2 Global Header	The display and configuration and ABC-wide navigation menu (header).
7.9.4 Teasers	The display and creation of Teaser objects; the result of 'teasing', in order to override properties, of existing content
1.1.9 Overriding objects' properties	The display and creation of Teaser objects; the result of 'teasing', in order to override properties, of existing content.
1.1.1 Base Document Model	Definition of object types (content types, and their properties) available to Coremedia-users.
12.7 Publish Content	Ability to make content available, and update content, for ABC audiences.
12.8 Context Aware Presentation	Display and configuration of section-specific visual scaffolding (including header elements and primary navigation menu) for use by each Coremedia tenant.
2.1.2 Vanity URL (URL redirects)	A short URL that redirects to another page within the WCMS, particularly for use in marketing or on air mentions. Editorial managed
7.3.1 Page Layout	A flexible layout system for building various page layouts.
7.3.5 Site Navigation	The display and configuration of site-wide primary navigation menu, for use by each Coremedia tenant.



## 14.1.2 Feature Port – Release 2

The following features are scheduled to be delivered by through R13, R14 & R15 completing the feature port.

Feature	Description
6.4 Sharing	The ability to share content on third party social media platforms, or to email a friend.
6.7 External content (basic)	Standard interface to accept and render external content (core functionality, white listing).
8.1 Media Availability	Functionality to allow media to be made available on the site based on delivery format, expiry, validity/existence of the file
12.2 Manage Content Access	Ability to manage who/what can access which content within the repository
12.3 Manage Content Definitions	Ability to change the definitions of the content over time
12.37 Rules based presentation	Ability to use configurable criteria on pages to determine rendering of specific content
12.4 Manage Content Workflows	Ability to manage streamlined publishing workflows that align to editorial policies
12.6 Manage Text Content	Ability to manage text content and associated data
13.3 Video Player	Standard video player
13.4 Audio Player	Standard audio player.
1.1.3 Image document	Defines the document structure for describing images
1.1.4 Video document	Defines the document structure for describing video elements
1.1.5 Audio document	Defines the document structure for describing audio elements
1.1.6 Person document	Defines the document structure for describing documents outlining a person
1.1.8 Interactive document	Defines the document structure for describing documents outlining a standalone interactive (e.g. Flash application)
1.2.1.1 Subjects	Defines the structure for describing subjects that a document may relate to (e.g. business, politics, gardening)
1.2.1.2 Genres	Defines the structure for describing content genres (e.g. comedy, drama, documentary etc)
1.2.3 Roles	Defines the structure for describing roles associated to a person
1.4.2 Image gallery	Defines and describes the structure of a related collection of images
2.1.1 URL Schemes	Standard structure of the URLs used to serve all websites, including SEO
2.2.1 Metadata	Standard structure for associating data within a page layout that describes the content, primarily for search engines.
2.3.1 Analytics	Standard approach to implementing centralised web analytics scripts within a page
2.3.2 Cookies	Standard approach to managing personalised information within client side cookies (e.g. weather location, local radio region)
7.1.1 Device detection and redirection	The ability to direct users to an appropriate view based on the type of device they are viewing on.
7.1.3 Mobile views	The ability to create layouts for mobile optimised websites
7.4.10 Interactive	A stand-alone detailed view of a standalone interactive (e.g. Flash application)
7.4.2 Image	A stand-alone image document
7.4.7 Audio	A stand-alone Audio document. E.g. news audio clips.
7.4.8 Video	A stand-alone Video document. E.g. news video clips, web extras.
7.4.9 Person	aka Profile page. Contributors to a program or other content. Person detail view only
7.5.3 Detailed List	A list of content items rendered in detailed teaser view (eg. contains more metadata for each item than simple view). Optional configuration includes display of thumbnails, and specifying thumbnail orientation.
7.5.4 Simple List	A list of content items rendered in simple teaser view
7.5.5 Grid List	Renders items containing images as a grid of image thumbnails.

Feature	Description
7.5.6 Link List	A simple list of links (eg. to a content item's detailed page, or an external link)
7.6.1 Image gallery	A standard rendering of a collection of images into an interactive gallery.
7.7.2 Editorial collections	Ability to use lists based on manual curation
7.7.4 NewsGap11 Proxy Collection	To provide the ability to place collections on a landing page/cascading region, without applying a display style for entire collection (maintain each items individual display style)
7.9.2 Interactives HTML5	Renders code for the display of HTML5 objects placed in a page.

### 14.1.3 Stage 1 – 3 (R12)

The following Stage 1 features are scheduled to be delivered in R12

Feature	Description
6.1 Comments	The display and configuration of comments created using a third-party (ABC's TMB/Threaded Message Board) UGC management platform.
12.22 Featured Comments	Specific attribute of Comments, focusing on the visually-emphasised display and configuration of selected sets of comments
1.1.7 Map document	The display and creation of Map objects, integrating with third-party (Google) mapping service provider.
1.2.1 Taxonomies	The display and creation of Taxonomy objects and vocabularies.
1.2.2.2 Regions	Defines the structure for describing bounded areas such as broadcast regions or electorates.
1.2.2.1 Locations	The display and creation of Location objects in the Location taxonomy
1.2.2 Places	The display and creation of Location objects in the Location taxonomy
12.43 Tickers	Display and creation of Ticker objects.

### 14.1.4 Stage 1 – 4 (R13)

The following Stage 1 features are scheduled to be delivered in R13

Feature	Description
10.1 Customisations	Standardisation of existing Editor customisations as required. Eg. configurations, access groups, move rules
12.28 Maps Detail View	The display and creation of Map objects, integrating with third-party (Google) mapping service provider
7.9.1 Maps	The display and creation of Map objects, integrating with third-party (Google) mapping service provider
12.36 RSS/Podcast – Simple	Specific attribute of publicly-available content lists, published as (RSS and Atom) feeds
12.41 Social Media Promo	The display and configuration of site-wide social media presences, for use by each Coremedia tenant.
12.46 Live Blogging	The display and creation of Live Blog objects.
13.5 Link Checker	Checks the validity of external links within the WCMS

### 14.1.5 Stage 1 – 5 (R14)

The following Stage 1 features are scheduled to be delivered in R14

Feature	Description
9.2 NewsGap09 Contributor links to Person Contact Forms	If a person is configured to be contactable, generate links to contact form from each contributed content's detail page and the person's profile page. Dependency: Display of contact form with 9.2 General Forms
9.2 General Forms	Generic HTML forms.
12.19 Custom Tracking	Ability to apply custom tracking tags to content
12.25 Gallery List	Standard rendering of a list of galleries
12.35 RSS/Podcast – Detailed	Standard rendering of a list of feeds displayed in a detailed teaser view
12.44 Topic List	Standard rendering of a list of topics
7.5.2 Filters	The ability to re-order indexes based on properties such as date or title.
12.16 Browse By	Standard navigational indexes for content lists
12.31 Popular Tags	Standard rendering of a list of popular tags (eg. subjects).
15.0.0.1 Mobile And Desktop Support - Adaptive templates	The ability to Adapt content and presentation to different device groups - Editor controlled templates based on device group - Editor controlled content based on device group - System controlled content based on device group (eg. Image resolution)
18.1 Feature Promo	Representation of a list of content in a graphically rich carousel
7.7.4 Featured Contents	Lists of content items rendered in a variety of standard featured teaser views

### 14.1.6 Stage 1 – 6 (R15)

The following Stage 1 features are scheduled to be delivered in R15

Feature	Description
12.30 Newsletter (Lyris)	Standard interface to render content in a form for use in Lyris mailing lists. Assumes implementation as is, with no changes to HTML.
9.1 Newsletter Form	Renders a Newsletter subscribe or unsubscribe form. Re-use as is.
7.9.3 Newsletter Content	Content presented in a form for use in Lyris mailing lists
12.14 Remote Access	Ability to access the CMS from regional and non-ABC premises
7.5.2 Filters	The ability to re-order indexes based on properties such as date or title. Re-use as is, assume only small changes.
12.16 Browse By	Standard navigational indexes for content lists (eg. Browse By A-Z)
12.31 Popular Tags	Standard rendering of a list of popular tags (eg. subjects). Assume b/e of existing tag cloud.
12.18 Closed Captions Within Video Player	Ability to render closed captions for video content items
12.29 Multiclip Video Player	A view of a collection of video content items into a standard multiclip video player
18.1 Feature Promo	Representation of a list of content in a graphically rich carousel
6.5 External content	Standard interface to accept and render external content (e.g. Business data, TV Guide, Most popular, Top comments).
NewsGap16 Responsive Interactives	Address the gap of using Doctypes: HTML Fragment and Javascript in a responsive page layout. e.g. display the description of the ita tropical cyclone path
12.5 Manage other content types	Ability to manage other content types and associated data. eg. Maps, Flash etc.
11.1 News and Information	An sample site representing a standard approach to building a news and information based site. Demos built release by release
12.12 Feature/Module Catalogue	A list of all the features and modules available with information about how to

	use them.
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### 14.1.7 S2-Release1 (R16)

Feature	Description
7.4.3 Program (Part A)	A stand-alone program details page
1.4.1 Programs (audio and video) (Part A)	Defines the general structures around programs (e.g. programs have series, series, have episode, episodes and segments).
7.4.4 Series (Part A)	A stand-alone series details page
1.4.1.1 Series (audio and video) (Part A)	Defines and describes the structure of a series
7.4.5 Episode (Part A)	A stand-alone episode details page
1.4.1.2 Episode (audio and video) (Part A)	Defines and describes the structure of an episode
7.4.6 Segment (Part A)	A stand-alone segment details page
1.4.1.3 Segment (audio and video) (Part A)	Defines and describes the structure of a segment

### 14.1.8 S S2-Release1 (R17)

Feature	Description
7.4.3 Program (Part B)	A stand-alone program details page
1.4.1 Programs (audio and video) (Part B)	Defines the general structures around programs (e.g. programs have series, series, have episode, episodes and segments).
7.4.4 Series (Part B)	A stand-alone series details page
1.4.1.1 Series (audio and video) (Part B)	Defines and describes the structure of a series
7.4.5 Episode (Part B)	A stand-alone episode details page
1.4.1.2 Episode (audio and video) (Part B)	Defines and describes the structure of an episode
7.4.6 Segment (Part B)	A stand-alone segment details page
1.4.1.3 Segment (audio and video) (Part B)	Defines and describes the structure of a segment
12.24 Find Programs	Allows a site visitor the ability to Find Programs by Genre, Program Name and Active/Non-Active Programs
7.5.7 Media download lists (audio and video)	Collection Viewtype that displays items based on Expiry Date of Streaming and Download media, Episode Publish Date and Episode Number
RadioGap11: Album Reviews	Functionality to set and display editorially review of album and site visitor reviews.



Feature	Description
RadioGap12: Review Ratings	Functionality to set and display editor and site visitor review ratings
RadioGap14: Recipes	Ability to display Recipes on the website

#### 14.1.9 S2-Release1 (R18)

Feature	Description
12.38 Schedule Event Detail View	A view of a stand-alone Schedule Event
12.32 Program Air Time	Standard rendering of Program details across a site
12.21 EPG (Schedule Events)	Ability to accept EPG information originating from integrated systems and rendering with various functional capabilities
11.2 Program based site	Program showcase site build will start once S2-1 code is deployed to Test1

## 15. Appendix D: Steering Committee Key Milestones

The WCMS Steering Committee meets monthly, dates listed in the following table:

Task Name	Start	Status
Jan 2013 - Steering Committee	Wed 23/01/13	Complete
Feb 2013 - Steering Committee	Thu 21/03/13	Cancelled <sup>1</sup>
Mar 2013 - Steering Committee	Thu 21/03/13	Complete
Apr 2013 - Steering Committee	Thu 18/04/13	Complete
May 2013 - Steering Committee	Thu 16/05/13	Complete
Jun 2013 - Steering Committee	Thu 13/06/13	Cancelled <sup>2</sup>
Jul 2013 - Steering Committee	Thu 18/07/13	Complete
Aug 2013 - Steering Committee	Thu 15/08/13	Complete
Sep 2013 - Steering Committee	Thu 19/09/13	Complete
Oct 2013 - Steering Committee	Thu 17/10/13	Complete
Nov 2013 - Steering Committee	Thu 14/11/13	Complete
Dec 2013 - Steering Committee	Thu 19/12/13	Complete
Jan 2014 - Steering Committee	Thur 16/01/14	Cancelled <sup>3</sup>
Feb 2014 - Steering Committee	Tue 11/02/14	Complete
Mar 2014 - Steering Committee	Thur 20/03/14	Complete
Mar II 2014 - Steering Committee <sup>4</sup>	Fri 04/04/14	Complete
Apr 2014 - Steering Committee	Thur 17/04/14	Complete
May 2014 - Steering Committee	Thur 15/05/14	Complete
Jun 2014 - Steering Committee	Thur 02/07/14	Complete
Jul 2014 - Steering Committee	Thur 17/07/14	Complete
Aug 2014 - Steering Committee	Thur 21/08/14	Complete
Sep 2014 - Steering Committee	Thur 18/09/14	Cancelled <sup>2</sup>
Oct 2014 - Steering Committee	Thur 16/10/14	Held 31/10/14
Nov 2014 Steering Committee	Thurs 20/11/14	Complete
Dec 2014 Steering Committee	Thurs 18/12/14	Complete
Jan 2015 Steering Committee	Thurs 15/1/15	Complete
Feb 2015 Steering Committee	Thurs 20/2/15	Complete
Mar 2015 Steering Committee	Thurs 19/3/15	Complete
April 2015 Steering Committee	Mon 13/3/15	

**Table 2: Key Dates – Steering Committee**

Notes:

1. Cancelled, no new business
2. Cancelled, Key stakeholders unavailable
3. Cancelled, Key stakeholders unavailable due to Xmas leave
4. Additional meeting planned to support extended schedule review

# ABC WCMS Project

## Steering Committee REPORT

# May 2015

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### **DISTRIBUTION**

Steering Committee

Product Development Group (PDG)

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## 1. EXECUTIVE SUMMARY

### 1.1 Progress this month

#### Schedule

Feature Design – Stage 3 (TV) high level designs for Design Stage 3.1 is at 95% complete. The design requirements for 5.1 Standard Content Importation and 12.10 System Integration Layer are to be presented at the PDG on the 5 May 2015 for sign off. Stage 4 (Other) requirements gathering for feature has commenced.

Feature Build - Stage 2 (Radio and Program) build, functional testing and User Acceptance Testing is complete except for the EPG feature. Non- functional and regression testing has commenced. Stage 2 feature deployment to production is scheduled for the 22 May 2015.

The EPG Feature is being developed in parallel and will be released with Stage 3 Features.

#### Foundation

Performance enhancements have been deployed into the production environment as part of the Stage 1 and Core release. These enhancements provided better user response times and increased system stability.

#### Change Management

The current status is:

- BAU Handover – Digital Networks (DN) and WCMS Project will meet to develop plan to transition the BAU function to DN. It is expected that the transition could take five weeks. Starting May 22nd with the BAU team “dotted line reporting” to Digital Networks and build up over time, so that funding and daily supervision occurs from 1 July. This would then see the BAU team with dotted reporting only back to the WCMS project manager.
- Currently confirming contract extensions for WCMS Staff
- Developing training material framework for Stage 2 and preparing for next round of UAT

#### Integration Project

- Project Schedule has been updated to include the point to point integration i.e., On Air, PAPI and BTS. This schedule has been presented to Digital Networks and released to the Steering Committee.
- Overall requirements gathering for Feature 5.1 Content importation and Feature 12.10 Integration framework ready for PDG sign off on 5 May 2015 - - COMPLETED
- OnAir Mapping Documents ready for PDG signoff on 5 May 2015 - COMPLETED
- Radio API (PAPI) Mapping Documents ready for PDG signoff on 5 May 2015 - COMPLETED
- High level design for Feature 5.1 and 12.10 has been prepared in parallel and will follow the standard process of ARG endorsement. Targeting ARG endorsement on 14 May 2015 - COMPLETED.

#### CoreMedia Support and License Contract Renewal

The current status is:

- CoreMedia have agreed to an extension of the current support and license agreement whilst negotiations are taking place.
- Direct Procurement memo prepared and signed off by COO and Managing Director.
- Contract has been forwarded to CoreMedia for sign off and Contract finalisation expected to conclude as soon as possible.

### Test Tenant

- Currently a test tenant, which images part of the AUSTRALIAPLUS site, was created in production using existing Production Freemarker Templates
- The site was built in development, deployed through both the test and Staging environments and into Production - proving tenant movement across environments
- The URL is: [www.abc.net.au/abc4000](http://www.abc.net.au/abc4000)

### Transition of Existing Tenants to WCMS Phase 2

Currently Transition Project is On-Hold.

### Business Verification Testing

Refer separate paper from Digital Networkks

## 1.2 Key activities for next month

- Finalise Non-Functional & Functional testing of Stage 2
- Deploy Stage 2 to Production
- Continue build of Stage 3
- Commence Build of Integration deliverables
- Assist Digital Network to Complete BVT
- Complete CoreMedia support contract negotiations with aim to sign-off new agreement

## 1.3 WCMS Key Milestones

The key dates for the program listed in the following-table:

<i>Item</i>	<i>Original Schedule (Jan 13)</i>	<i>Current Schedule</i>	<i>Forecast Completion date</i>	<i>Status</i>
Project scoping	Feb-13	Complete	Complete	Complete
WCMS Team build up	Apr-13	Complete	Complete	Complete
<b>Foundation</b> - Design, external review, build and deploy	Jun-13	Aug -14	Dec -14	In Progress
<b>Core</b> - Design, build and ready to deploy	Dec-13	Oct -14	Dec - 14	Complete (accessibility added to core features) *
<b>Stage 1:</b> Design, build & ready to deploy	Apr-14	Oct-14	Jan - 14	Complete (accessibility added to stage 1) *
<b>Stage 2:</b> Design, build and ready to deploy	Jun-14	Feb-15	April - 15	In Progress
<b>Stage 3:</b> Design, build and ready to deploy	Oct-14	May 15	July - 15	In progress
<b>Stage 4:</b> Design, build and ready to deploy	Mar-15	July-15	August - 15	In progress

\*Accessibility Release was moved to Stage 1 from Stage 4

## 2. Product Build

### 2.1 Core and Stage 1 - Deployed to WCMS Production

### 2.2 Stage 2 – (Radio)

- The build, Functional testing and UAT of the Stage2 features (except EPG) completed
- UAT executed – 1 P3 defect is being resolved
- Non-Functional Testing of these Stage 2 features is WIP
- Build for feature 12.21 EPG (Schedule Events) is complete. However this feature will NOT be included in the stage 2 deployment currently scheduled for 22 May.

### 2.3 Stage 3 – (TV)

- The requirements for all features in Stage 3 are complete and approved by PDG
- High level design for the Stage 3 features has commenced
- Requirements gathering and validation for Radio Gap 15 (Local Weather) is Work in Progress. Requirements for all other Radio gaps in Stage 3 are completed and approved by the PDG.
- Requirements for TV gaps 22, 23 and 24 (Video Bookmarks, Video Pre-roll and Video Event Tracking) are completed and approved by the PDG on 13/3/2015
- PDG approved on 13/1/15 the decision that no additional requirements or new deliverables are required against the feature (12.39 Search UGC Content) in Stage3 – Release 1
- PDG approved on 13/1/15 the decision that no additional requirements or new deliverables are required against the feature (6.6 Cross Promotion Management) in Stage3 – Release 2
- PDG approved on 2/12/14 the decision to merge the two features (12.40 Single Sign On) and (12.27 Login)

### 2.4 Stage 4 – (Other)

- Gap analysis for the other tenants (International, Commercial & Innovation) completed and Gap analysis Report being prepared.
- Requirements gathering for features in Stage4 progressing as per schedule

## 3. Product Support (BAU)

### Next BAU Deployment (May)

The next planned release will be for the Stage 2 (Radio) features currently scheduled to occur as Release 15.01 and are targeted for the 22 May 2015 deployment date.

BAU Handover – Digital Networks (DN) and WCMS Project will meet to develop plan to transition the BAU function to DN. It is expected that the transition could take five weeks. Starting May 22nd with the BAU team “dotted line reporting” to Digital Networks and build up over time, so that funding and daily supervision occurs from 1 July. This would then see the BAU team with dotted reporting only back to the WCMS project manager.

### 3.1 Key Milestones

The key dates for the Product Support workstream are listed in the following table:

Activity:	End Date Revised	End Date Baseline	Status / Comment
Support release 13.02 deployed (Windows 7 compatibility)	Jan 2013	Jan 2013	Complete
Support release 13.03 (Importer enhancements)	Mar 2013	Mar 2013	Complete
Support release 13.04 (Disaster Recovery update)	Apr 2013	Apr 2013	Complete
Support release 13.05 (News Mobile prep)	May 2013	May 2013	Complete
Rural (CR #73) Stage 1 launch			Complete
Release 13.07 News Mobile (CR #74) launch	Jul 2013	Jul 2013	Complete
Support release 13.08b (Feature Promo)	Aug 2013	Jul 2013	Complete Delayed for NWR76
Support release 13.08a Content Syndication tweak (NWR 76)	Aug 2013	Aug 2013	Complete
Support release 13.08c– (Workflow Patch)			Complete
Support release 13.09 (NWRQ 79, 81, 83, 77, WCMS 1144 & 1149, Support 157 & 159)	Oct 2013	Sep 2013	Complete
Support release 13.10 (NWRQ 69)	Oct 2013	Oct 2013	Complete
Development on News Segmentation and Encoding (NSE)	Dec 2013	Dec 2013	Complete
Support release 13.12 (NSE)	Dec 2013	Dec 2013	Complete
NG3 – WA State edition 14.03	Mar 12 & 19	Mar 2014	Complete
NG3 – Extension – 14.05	Apr 16	Apr 16	Complete
NG3 – Extension – 14.06	July 23-24	Jun 4	Complete
Combined NEWS/RN (inc NG3)- 14.07A	July 23-24	July	Complete
14.08 – EDP deployment	Dec 14	Aug 14	Complete
14.08 - patch	17 Dec 14	17 Dec 14	Complete
14.12 – Core and Stage 1	27 Feb 15	27 Feb 15	Complete
15.01 – Radio specific features	29 Apr 15	22 May 15	In progress – subject to testing

Table 2: Key Dates – Product Support

### 3.2 Key Risks – Operational Handover

The following risks have been highlighted as they have significant potential impact on the project.

		Identification			Control
No.	Who	Risk Description	Risk Rating	Assigned To	Mitigation Strategy
147	Ken Gallacher	<b>Operational Handover - Innovation/IT</b> Business case assumes that the product will be supported ongoing by Innovation.  Risk: On-boarding slowness and slowness of further feature build if handover is not effective	25	Ciaran Forde / Ping Fai-Tse/ WCMS	- Include ongoing support in business case [Done] - Develop an operational handover document to outline key support operations - Develop BAU staffing plan with project

- Operational Framework – Action on Innovation to re-open discussion on the OF document. Main point seems to be around how the Tenant Deployment Process will operate to move Web artefacts (style sheets, templates changes etc.) from WCMS development to Production environments; this is being covered under the revised Enhanced Deployment Process high level design that is currently going through detailed requirements gathering under management by Technology.
- BAU Handover – Staff details have been passed to Innovation for review to allow decisions to be made about potential migration of WCMS staff to Digital Network (DN) BAU structure. DN structure came into being as of Wednesday 11<sup>th</sup> March, presentation to WCMS team given by Ciaran Forde and Alvaro Marquez, in which Ciaran stated that it was expected that the 'To Be' WCMS BAU support organisational structure would be known by 1<sup>st</sup> April and that WCMS staff would be approached at that time for transition to DN.

### 3.3 Active Change Requests – Product Support

The following changes are being managed through the WCMS Product Support change control process.

CR	Description	Status	Owner	Scheduled	Action
None	None				

## 4. Foundation

Performance enhancements have been deployed into the production environment as part of Stage 1 and Core release. These enhancements provided better user response times and increased system stability. The Foundation team are now implementing the Varnish caching layer in the Test environment.

Detailed Foundation milestones below.

Activity:	Forecast	Planned	Status / Comment
WCMS infrastructure enhancements requirements (AR1) Caching 7 & Traffic Management requirements (AR3)	Nov 2013	Nov 2013	Complete
WCMS Environments requirements (AR 10) Enhanced Deployment Process (AR11) WCMS Infrastructure detailed design (AR 1)	Feb 2014	Dec 2013	Complete
WCMS infrastructure enhancements implementation (AR1)	Dec 2013	Dec 2013	Complete
Performance testing/environment POC implementation (AR2)	Feb 2014	Feb 2014	Complete
WCMS Application High Level Design (AR 9)	Mar 2014	Nov 2013	Complete
Enhanced Deployment Process implementation (AR11)	Dec 2014	Apr 2014	Complete
WCMS Non-Prod Environments implementation (AR 10)	Aug 2014	Mar 2014	Complete
Monitoring System implementation (AR2)	Sept 2014	July 2014	Impacted by Rel. 14.08 issues
Caching 7 & Traffic Management detailed design (AR3)	TBA	Jan 2014	On hold pending Technology design, not critical path
Caching 7 & Traffic Management implementation (AR3)	TBA	Apr 2014	On hold
Foundation work complete	TBA	Jul 2014	Schedule adjusted to meet project priorities

## 5. Change Management Update

### Current status

- Delivered Stage 2 Training – Sydney on 22<sup>nd</sup> and 24<sup>th</sup> April - COMPLETED
- Stage 2 Training in Melbourne scheduled for 13<sup>th</sup> and 14<sup>th</sup> April - CANCELLED
- Showcase Thursday 16th April - COMPLETED
- Product catalogue, e-learning, showcase and stage 2 training material updated – ONGOING
- Trainer left the ABC on Friday 24th April

The following table currently details the number of people trained from the various Divisions:

Course Date	Location	Attendees					TOTAL
		Digital Network	International	News	TV	Radio	
18/19 Sept 20 14	Sydney	2	1			2	5
29/30 Sept 2014	Sydney				4		4
16/17 Sept 2014	Brisbane	1		6		2	9
2/3 Oct 2014	Melbourne	2	2		4	2	10
2 Dec 2014	Sydney				3		3
Various	Sydney	1		4		1	6
Various	Melbourne (webex)		7	1			8
22/24 April 2015	Sydney	3	1	1	4		9
<b>TOTAL</b>		<b>9</b>	<b>11</b>	<b>12</b>	<b>15</b>	<b>7</b>	<b>54</b>

The following table details the number of people that intend to attend the showcase from the various Divisions:

Course Date	Location	Attendees					TOTAL
		Digital Network	International	News	TV	Radio	
13-Nov 2014	Showcase – local				3	1	4
	Showcase - remote					4	4
16-April 2015	Showcase - local		1			6	7
	Showcase - remote						0
<b>TOTAL</b>			<b>1</b>		<b>3</b>	<b>11</b>	<b>15</b>

#### Activities for next period

- Go to market for a trainer
- Continue to chase up communication on intranet article
- Developing BAU Team hand over document for Digital Network
- Follow up on signatures from PDG members

## 6. Integration Project – Current status

The current Project Status is as follows:

- Project Schedule has been updated to include the point to point integration i.e., On Air, PAPI and BTS. This schedule has been presented to Digital Networks and released to the Steering Committee.
- Overall requirements gathering for Feature 5.1 Content importation and Feature 12.10 Integration framework ready for PDG sign off on 5 May 2015 - - COMPLETED
- OnAir Mapping Documents ready for PDG signoff on 5 May 2015 - COMPLETED



- Radio API (PAPI) Mapping Documents ready for PDG signoff on 5 May 2015 – COMPLETED
- High level design for Feature 5.1 and 12.10 has been prepared in parallel and will follow the standard process of ARG endorsement. Targeting ARG endorsement on 14 May 2015 – COMPLETED

Priorities for next period

- Complete the BTS Mapping and Use Case Documents
- Commence Detail Design for Feature 5.1 and 12.10 including OnAir, PAPI and BTS Integration

## 7. Transition of Existing Tenants

Transition project is on hold

## 8. WCMS Resources – Changes for February

WCMS team

Departures:

- David Lockwood – Training Lead
- Ankur Jain – Test Analyst
- Ref Hoogervorst – Integration Project Manager

Arrivals:

- Paripooranan Sivaramakrishnan – Automation Tester

## 9. PDG Update

PDG Meeting on Tuesday 7<sup>th</sup> April 2015

Features reviewed:

- 12.20 Diary and Events - Feedback on scope provided by PDG and strawman is now in progress

PDG Meeting on Tuesday 21 April 2015

Features reviewed:

- No features were presented at this PDG Meeting

## 10. Key Risks – WCMS Project

The following risks have been highlighted as they have significant potential impact on the project.  
The full risk register is distributed separately to this report and reviewed monthly.

		<i>Identification</i>			<i>Control</i>
No.	Who	Risk Description	Risk Rating	Assigned To	Mitigation Strategy
147	Ken Gallacher	<b>Operational Handover - Innovation/IT</b> Business case assumes that the product will be supported ongoing by Innovation.  Risk: On-boarding slowness and slowness of further feature build if handover is not effective	25	Ciaran Forde / Ping Fai-Tse/ WCMS	- Include ongoing support in business case [Done] - Develop an operational handover document to outline key support operations - Develop BAU staffing plan with project

Operational Framework – Action on Innovation to re-open discussion on the OF document. Main point seems to be around how the Tenant Deployment Process will operate to move Web artefacts (style sheets, templates changes etc.) from WCMS development to Production environments; this is being covered under the revised Enhanced Deployment Process high level design that is currently going through detailed requirements gathering under management by Technology.

BAU Handover – Staff details have been passed to Digital Networks for review to allow decisions to be made about potential migration of WCMS staff to Digital Network (DN) BAU structure. Digital Network structure came into being as of Wednesday 11th March, presentation to WCMS team given by Ciaran Forde and Alvaro Marquez, in which Ciaran stated that it was expected that the ‘To Be’ WCMS BAU support organisational structure would be known by 1st April and that WCMS staff would be approached at that time for transition to Digital Networks.

## 11. Financial Performance

### WCMS FINANCIAL SUMMARY AS AT April 2015

Product Support - Ongoing	April			YTD April 2015			FY 14/15			Total Product Support		
<i>Figures in '000s</i>	Actuals	Budget	Variance	Actuals	Budget	Variance	Forecast	Budget	Variance	Forecast	Budget	Variance
Salaries	269	106	(163)	1,413	1,062	(351)	1,697	1,274	(423)	4,683	4,683	0
Hardware	0	9	9	0	89	89	10	107	97	70	399	329
Software	3	87	84	136	868	732	2,502	1,041	(1,461)	3,726	3,295	(431)
Other	6	22	16	51	216	165	65	259	194	799	(270)	(1,069)
<b>Total</b>	<b>278</b>	<b>223</b>	<b>(55)</b>	<b>1,600</b>	<b>2,235</b>	<b>635</b>	<b>4,274</b>	<b>2,681</b>	<b>(1,593)</b>	<b>9,278</b>	<b>8,107</b>	<b>(1,171)</b>

Product Build - Project	April			YTD April 2015			FY 14/15			Total Product Build		
<i>Figures in '000s</i>	Actuals	Budget	Variance	Actuals	Budget	Variance	Forecast	Budget	Variance	Forecast	Budget	Variance
Salaries <sup>1</sup>	307	301	(6)	3,406	3,014	(392)	3,722	3,617	(105)	8,731	8,763	32
Hardware	0	0	0	2	0	(2)	2	0	(2)	332	700	368
Software	0	5	5	55	46	(9)	19	55	36	54	220	166
Other (incl Redundancies)	11	19	8	341	186	(155)	351	223	(128)	1,463	897	(566)
Phase II <sup>2</sup>	0	0	0	0	0	0	0	0	0	270	270	0
<b>Sub-Total</b>	<b>318</b>	<b>325</b>	<b>7</b>	<b>3,804</b>	<b>3,246</b>	<b>(558)</b>	<b>4,094</b>	<b>3,895</b>	<b>(199)</b>	<b>10,850</b>	<b>10,850</b>	<b>0</b>
Contingency <sup>3</sup>	0	0	0	0	0	0	0	0	0	305	1,010	705
<b>Total Build inc Contingency</b>	<b>318</b>	<b>325</b>	<b>7</b>	<b>3,804</b>	<b>3,246</b>	<b>(558)</b>	<b>4,094</b>	<b>3,895</b>	<b>(199)</b>	<b>11,155</b>	<b>11,860</b>	<b>705</b>

#### Notes

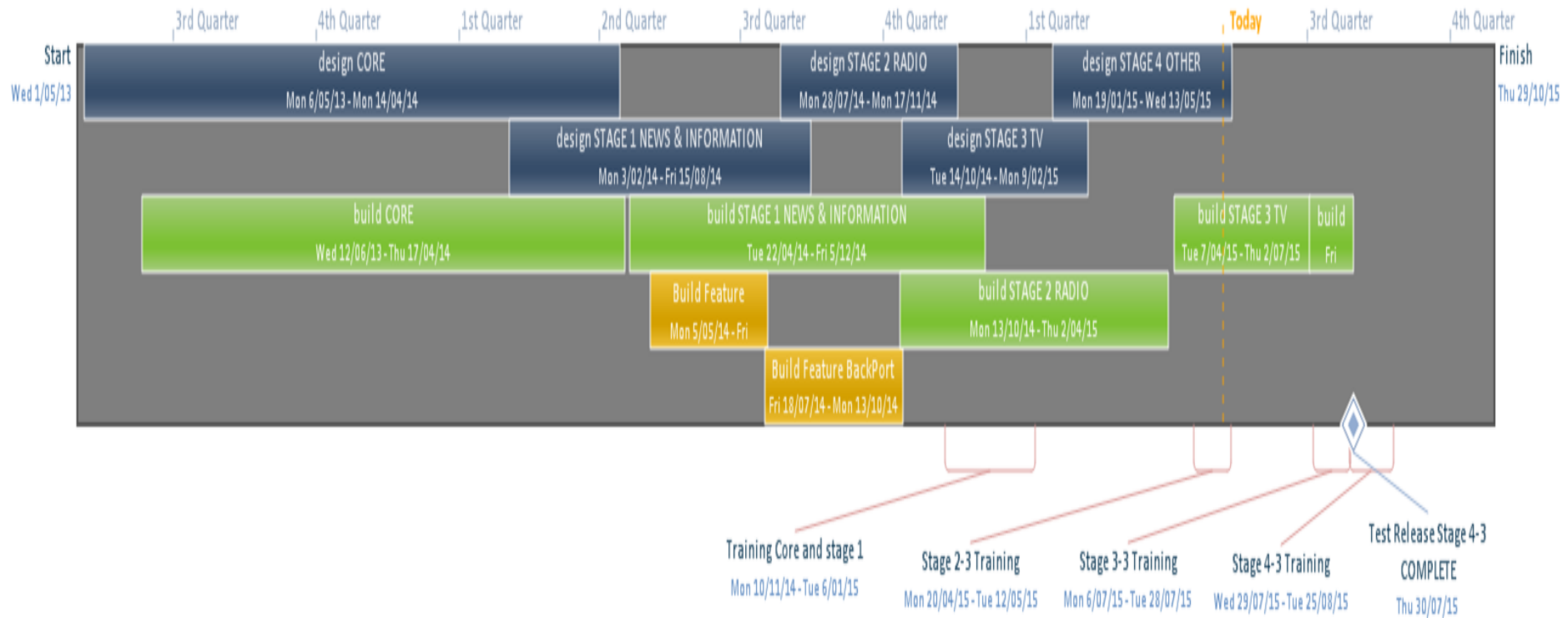
1 \$1.2m additional CR50:Mobile First.

2 Carry in of \$270k Assets from Phase II.

3 \$600k: CR102 & CR103

## 12. Appendix A: Project Milestone Plan and High Level Schedule as at 5 May 15

The project baseline and milestones remain the same as per the approved Business Case.





## 13. Appendix B: WCMS Dashboard as at 24 April 15

## WCMS Dashboard

24<sup>th</sup> April 2015

*"One system and a set of shared templates providing a solid product base that can be built upon that can be used by the entire ABC to easily onboard new websites allowing the ABC Audience to explore all ABC content when and where they want."*

Release	UAT*	Showcase (**stage UAT)	Target date for deployment into Production	Features available
Core and Stage 1	Complete	6/02/15	28/02/15	Core and Stage 1 (Rel. 14.12)
Project Celebration			6/3/15	
Stage 2	17-20/3/15, 20-24/4/15	24/04/15	22/5/15	Stage 2 – Radio and Program features (Rel. 15.01)
Stage 3	6-10/7/15	13/7/15	28/8/15	Stage 3 - TV and Video features
Stage 4	24/07/15 – 30/07/15	30/07/15	25/9/2015	Stage 4 – Other features

\*Feature by feature testing – feature testing complete

\*\*Features all working together - stage testing complete

## 14. Appendix C: List of Features by Release

The following features are scheduled to be delivered by the completion of:

### 14.1.1 R12 (Built in R10, R11 & R12).

Feature	Description
7.7.1 Dynamic Collections	The creation of content lists, automatically-generated based on specified criteria (e.g. published date).
12.1 Editor Search	Ability for a Coremedia-user (e.g. editor) to search for content across the repository.
7.2.1 Templating	The configuration and creation of page layout-management toolsets
1.1.2 Text document	The display and creation of text-centric, Article objects.
7.4.1 Extended Article document	The display and creation of text-centric (such as Articles) objects
7.9.5 Embedded Content	The display and configuration of content (e.g. Article, Image) embedded into Rich Text properties
12.34 Related Content	Overarching attribute of content objects' to display selected related-items in a defined way.
12.9 Default Presentation of content	Overarching attribute of Coremedia to present content objects in a defined way.
2.1.3 Legacy URLs	Allows the WCMS to redirect a request for a legacy/Wallace URL to the Core Media URL
3.1 Search Form	Simple search form which submits the query to a third-party (Funnelback) search engine.
3.3 Search Results	The display of the results of a search query, provided by a third-party (Funnelback) search engine.
7.3.4 Site header	The display and configuration of site-wide visual scaffolding (including header elements), for use by each Coremedia tenant.
7.3.6 Site footer	The display and configuration of site-wide footer navigation menu, for use by each Coremedia tenant.
7.3.3 Global Footer	The display and configuration and ABC-wide navigation menu (footer).
7.3.2 Global Header	The display and configuration and ABC-wide navigation menu (header).
7.9.4 Teasers	The display and creation of Teaser objects; the result of 'teasing', in order to override properties, of existing content
1.1.9 Overriding objects' properties	The display and creation of Teaser objects; the result of 'teasing', in order to override properties, of existing content.
1.1.1 Base Document Model	Definition of object types (content types, and their properties) available to Coremedia-users.
12.7 Publish Content	Ability to make content available, and update content, for ABC audiences.
12.8 Context Aware Presentation	Display and configuration of section-specific visual scaffolding (including header elements and primary navigation menu) for use by each Coremedia tenant.
2.1.2 Vanity URL (URL redirects)	A short URL that redirects to another page within the WCMS, particularly for use in marketing or on air mentions. Editorial managed
7.3.1 Page Layout	A flexible layout system for building various page layouts.
7.3.5 Site Navigation	The display and configuration of site-wide primary navigation menu, for use by each Coremedia tenant.



## 14.1.2 Feature Port – Release 2

The following features are scheduled to be delivered by through R13, R14 & R15 completing the feature port.

Feature	Description
6.4 Sharing	The ability to share content on third party social media platforms, or to email a friend.
6.7 External content (basic)	Standard interface to accept and render external content (core functionality, white listing).
8.1 Media Availability	Functionality to allow media to be made available on the site based on delivery format, expiry, validity/existence of the file
12.2 Manage Content Access	Ability to manage who/what can access which content within the repository
12.3 Manage Content Definitions	Ability to change the definitions of the content over time
12.37 Rules based presentation	Ability to use configurable criteria on pages to determine rendering of specific content
12.4 Manage Content Workflows	Ability to manage streamlined publishing workflows that align to editorial policies
12.6 Manage Text Content	Ability to manage text content and associated data
13.3 Video Player	Standard video player
13.4 Audio Player	Standard audio player.
1.1.3 Image document	Defines the document structure for describing images
1.1.4 Video document	Defines the document structure for describing video elements
1.1.5 Audio document	Defines the document structure for describing audio elements
1.1.6 Person document	Defines the document structure for describing documents outlining a person
1.1.8 Interactive document	Defines the document structure for describing documents outlining a standalone interactive (e.g. Flash application)
1.2.1.1 Subjects	Defines the structure for describing subjects that a document may relate to (e.g. business, politics, gardening)
1.2.1.2 Genres	Defines the structure for describing content genres (e.g. comedy, drama, documentary etc)
1.2.3 Roles	Defines the structure for describing roles associated to a person
1.4.2 Image gallery	Defines and describes the structure of a related collection of images
2.1.1 URL Schemes	Standard structure of the URLs used to serve all websites, including SEO
2.2.1 Metadata	Standard structure for associating data within a page layout that describes the content, primarily for search engines.
2.3.1 Analytics	Standard approach to implementing centralised web analytics scripts within a page
2.3.2 Cookies	Standard approach to managing personalised information within client side cookies (e.g. weather location, local radio region)
7.1.1 Device detection and redirection	The ability to direct users to an appropriate view based on the type of device they are viewing on.
7.1.3 Mobile views	The ability to create layouts for mobile optimised websites
7.4.10 Interactive	A stand-alone detailed view of a standalone interactive (e.g. Flash application)
7.4.2 Image	A stand-alone image document
7.4.7 Audio	A stand-alone Audio document. E.g. news audio clips.
7.4.8 Video	A stand-alone Video document. E.g. news video clips, web extras.
7.4.9 Person	aka Profile page. Contributors to a program or other content. Person detail view only
7.5.3 Detailed List	A list of content items rendered in detailed teaser view (eg. contains more metadata for each item than simple view). Optional configuration includes display of thumbnails, and specifying thumbnail orientation.
7.5.4 Simple List	A list of content items rendered in simple teaser view
7.5.5 Grid List	Renders items containing images as a grid of image thumbnails.

Feature	Description
7.5.6 Link List	A simple list of links (eg. to a content item's detailed page, or an external link)
7.6.1 Image gallery	A standard rendering of a collection of images into an interactive gallery.
7.7.2 Editorial collections	Ability to use lists based on manual curation
7.7.4 NewsGap11 Proxy Collection	To provide the ability to place collections on a landing page/cascading region, without applying a display style for entire collection (maintain each items individual display style)
7.9.2 Interactives HTML5	Renders code for the display of HTML5 objects placed in a page.

### 14.1.3 Stage 1 – 3 (R12)

The following Stage 1 features are scheduled to be delivered in R12

Feature	Description
6.1 Comments	The display and configuration of comments created using a third-party (ABC's TMB/Threaded Message Board) UGC management platform.
12.22 Featured Comments	Specific attribute of Comments, focusing on the visually-emphasised display and configuration of selected sets of comments
1.1.7 Map document	The display and creation of Map objects, integrating with third-party (Google) mapping service provider.
1.2.1 Taxonomies	The display and creation of Taxonomy objects and vocabularies.
1.2.2.2 Regions	Defines the structure for describing bounded areas such as broadcast regions or electorates.
1.2.2.1 Locations	The display and creation of Location objects in the Location taxonomy
1.2.2 Places	The display and creation of Location objects in the Location taxonomy
12.43 Tickers	Display and creation of Ticker objects.

### 14.1.4 Stage 1 – 4 (R13)

The following Stage 1 features are scheduled to be delivered in R13

Feature	Description
10.1 Customisations	Standardisation of existing Editor customisations as required. Eg. configurations, access groups, move rules
12.28 Maps Detail View	The display and creation of Map objects, integrating with third-party (Google) mapping service provider
7.9.1 Maps	The display and creation of Map objects, integrating with third-party (Google) mapping service provider
12.36 RSS/Podcast – Simple	Specific attribute of publicly-available content lists, published as (RSS and Atom) feeds
12.41 Social Media Promo	The display and configuration of site-wide social media presences, for use by each Coremedia tenant.
12.46 Live Blogging	The display and creation of Live Blog objects.
13.5 Link Checker	Checks the validity of external links within the WCMS

### 14.1.5 Stage 1 – 5 (R14)

The following Stage 1 features are scheduled to be delivered in R14

Feature	Description
9.2 NewsGap09 Contributor links to Person Contact Forms	If a person is configured to be contactable, generate links to contact form from each contributed content's detail page and the person's profile page. Dependency: Display of contact form with 9.2 General Forms
9.2 General Forms	Generic HTML forms.
12.19 Custom Tracking	Ability to apply custom tracking tags to content
12.25 Gallery List	Standard rendering of a list of galleries
12.35 RSS/Podcast – Detailed	Standard rendering of a list of feeds displayed in a detailed teaser view
12.44 Topic List	Standard rendering of a list of topics
7.5.2 Filters	The ability to re-order indexes based on properties such as date or title.
12.16 Browse By	Standard navigational indexes for content lists
12.31 Popular Tags	Standard rendering of a list of popular tags (eg. subjects).
15.0.0.1 Mobile And Desktop Support - Adaptive templates	The ability to Adapt content and presentation to different device groups - Editor controlled templates based on device group - Editor controlled content based on device group - System controlled content based on device group (eg. Image resolution)
18.1 Feature Promo	Representation of a list of content in a graphically rich carousel
7.7.4 Featured Contents	Lists of content items rendered in a variety of standard featured teaser views

### 14.1.6 Stage 1 – 6 (R15)

The following Stage 1 features are scheduled to be delivered in R15

Feature	Description
12.30 Newsletter (Lyris)	Standard interface to render content in a form for use in Lyris mailing lists. Assumes implementation as is, with no changes to HTML.
9.1 Newsletter Form	Renders a Newsletter subscribe or unsubscribe form. Re-use as is.
7.9.3 Newsletter Content	Content presented in a form for use in Lyris mailing lists
12.14 Remote Access	Ability to access the CMS from regional and non-ABC premises
7.5.2 Filters	The ability to re-order indexes based on properties such as date or title. Re-use as is, assume only small changes.
12.16 Browse By	Standard navigational indexes for content lists (eg. Browse By A-Z)
12.31 Popular Tags	Standard rendering of a list of popular tags (eg. subjects). Assume b/e of existing tag cloud.
12.18 Closed Captions Within Video Player	Ability to render closed captions for video content items
12.29 Multiclip Video Player	A view of a collection of video content items into a standard multiclip video player
18.1 Feature Promo	Representation of a list of content in a graphically rich carousel
6.5 External content	Standard interface to accept and render external content (e.g. Business data, TV Guide, Most popular, Top comments).
NewsGap16 Responsive Interactives	Address the gap of using Doctypes: HTML Fragment and Javascript in a responsive page layout. e.g. display the description of the ita tropical cyclone path
12.5 Manage other content types	Ability to manage other content types and associated data. eg. Maps, Flash etc.
11.1 News and Information	An sample site representing a standard approach to building a news and information based site. Demos built release by release
12.12 Feature/Module Catalogue	A list of all the features and modules available with information about how to

	use them.
--	-----------

### 14.1.7 S2-Release1 (R16)

Feature	Description
7.4.3 Program (Part A)	A stand-alone program details page
1.4.1 Programs (audio and video) (Part A)	Defines the general structures around programs (e.g. programs have series, series, have episode, episodes and segments).
7.4.4 Series (Part A)	A stand-alone series details page
1.4.1.1 Series (audio and video) (Part A)	Defines and describes the structure of a series
7.4.5 Episode (Part A)	A stand-alone episode details page
1.4.1.2 Episode (audio and video) (Part A)	Defines and describes the structure of an episode
7.4.6 Segment (Part A)	A stand-alone segment details page
1.4.1.3 Segment (audio and video) (Part A)	Defines and describes the structure of a segment

### 14.1.8 S S2-Release1 (R17)

Feature	Description
7.4.3 Program (Part B)	A stand-alone program details page
1.4.1 Programs (audio and video) (Part B)	Defines the general structures around programs (e.g. programs have series, series, have episode, episodes and segments).
7.4.4 Series (Part B)	A stand-alone series details page
1.4.1.1 Series (audio and video) (Part B)	Defines and describes the structure of a series
7.4.5 Episode (Part B)	A stand-alone episode details page
1.4.1.2 Episode (audio and video) (Part B)	Defines and describes the structure of an episode
7.4.6 Segment (Part B)	A stand-alone segment details page
1.4.1.3 Segment (audio and video) (Part B)	Defines and describes the structure of a segment
12.24 Find Programs	Allows a site visitor the ability to Find Programs by Genre, Program Name and Active/Non-Active Programs
7.5.7 Media download lists (audio and video)	Collection Viewtype that displays items based on Expiry Date of Streaming and Download media, Episode Publish Date and Episode Number
RadioGap11: Album Reviews	Functionality to set and display editorially review of album and site visitor reviews.

Feature	Description
RadioGap12: Review Ratings	Functionality to set and display editor and site visitor review ratings
RadioGap14: Recipes	Ability to display Recipes on the website

#### 14.1.9 S2-Release1 (R18)

Feature	Description
12.38 Schedule Event Detail View	A view of a stand-alone Schedule Event
12.32 Program Air Time	Standard rendering of Program details across a site
12.21 EPG (Schedule Events)	Ability to accept EPG information originating from integrated systems and rendering with various functional capabilities
11.2 Program based site	Program showcase site build will start once S2-1 code is deployed to Test1

## 15. Appendix D: Steering Committee Key Milestones

The WCMS Steering Committee meets monthly, dates listed in the following table:

Task Name	Start	Status
Jan 2013 - Steering Committee	Wed 23/01/13	Complete
Feb 2013 - Steering Committee	Thu 21/03/13	Cancelled <sup>1</sup>
Mar 2013 - Steering Committee	Thu 21/03/13	Complete
Apr 2013 - Steering Committee	Thu 18/04/13	Complete
May 2013 - Steering Committee	Thu 16/05/13	Complete
Jun 2013 - Steering Committee	Thu 13/06/13	Cancelled <sup>2</sup>
Jul 2013 - Steering Committee	Thu 18/07/13	Complete
Aug 2013 - Steering Committee	Thu 15/08/13	Complete
Sep 2013 - Steering Committee	Thu 19/09/13	Complete
Oct 2013 - Steering Committee	Thu 17/10/13	Complete
Nov 2013 - Steering Committee	Thu 14/11/13	Complete
Dec 2013 - Steering Committee	Thu 19/12/13	Complete
Jan 2014 - Steering Committee	Thur 16/01/14	Cancelled <sup>3</sup>
Feb 2014 - Steering Committee	Tue 11/02/14	Complete
Mar 2014 - Steering Committee	Thur 20/03/14	Complete
Mar II 2014 - Steering Committee <sup>4</sup>	Fri 04/04/14	Complete
Apr 2014 - Steering Committee	Thur 17/04/14	Complete
May 2014 - Steering Committee	Thur 15/05/14	Complete
Jun 2014 - Steering Committee	Thur 02/07/14	Complete
Jul 2014 - Steering Committee	Thur 17/07/14	Complete
Aug 2014 - Steering Committee	Thur 21/08/14	Complete
Sep 2014 - Steering Committee	Thur 18/09/14	Cancelled <sup>2</sup>
Oct 2014 - Steering Committee	Thur 16/10/14	Held 31/10/14
Nov 2014 Steering Committee	Thurs 20/11/14	Complete
Dec 2014 Steering Committee	Thurs 18/12/14	Complete
Jan 2015 Steering Committee	Thurs 15/1/15	Complete
Feb 2015 Steering Committee	Thurs 20/2/15	Complete
Mar 2015 Steering Committee	Thurs 19/3/15	Complete
April 2015 Steering Committee	Mon 13/3/15	

Table 2: Key Dates – Steering Committee

Notes:

1. Cancelled, no new business
2. Cancelled, Key stakeholders unavailable
3. Cancelled, Key stakeholders unavailable due to Xmas leave
4. Additional meeting planned to support extended schedule review

# WCMS Steering Committee

## Minutes

20 May 2015

Attendees: David Pendleton, Chief Operating Officer  
Angela Clark, Director Innovation  
Gavin Morris, for Director News  
Lynley Marshall, Director International  
Michael Mason, Director Radio  
Richard Finlayson, Director TV  
Rebecca Heap, for Director TV  
Mark Woodley, Head Capital Works  
Ciaran Forde, Head Digital Architecture & Development, Innovation  
Amanda Walsh, Executive Manager Operations Group

Apologies: Kate Torney, Director News

---

### Minutes of the Last Meeting

Angela will send Amanda amended wording for the discussion around APIs.

The minuted discussion around the 2009 Board paper assumptions will state that those assumptions were noted and any Steering Committee member who wishes to voice a concern with those assumptions given the six years that has passed. Angela will email changes to Amanda.

Subject to the above, the Minutes were approved.

### Project Update

Stage 2 will be deployed to production overnight on Friday.

Stage 3-1 build has been completed and is being tested. BTS requirements will be signed off at the PDG meeting.

Risks on page 7 and 11 are double ups and need to be removed because these are business risks, rather than project risks.

The Financial Update was noted. The full Financial list will be provided to the next meeting. The quarantined BAU money (see line item 8 of *WCMS Forecast by Financial Year as at April 2015*).

The Steering Committee thanked Cathy for keeping the project running on schedule for State 2 release, despite having picked it up recently.

### BAU

BAU is defined as operation of Phase 1, and rolled out Stage 2 from the end of the week along with minor enhancements and bug fixes, along with running of the old system. Digital Networks are happy to take this responsibility from 1 July assuming the budget also transfers to them, along with the resources who know and understand the system.



The Project proposed that from 22 May (from Stage 2 deployment), there would be a transitional period until the end of the Financial Year with the BAU team reporting to both the Project and Digital Networks. This will then move to Digital Networks management with a 'dotted line' to the Project from 1 July.

This team includes Simon Lee and two testers. The skills of this team are required for both BAU and some project build work. Digital Networks will get the full \$2m for 14/15 BAU budget and the tasks that the team complete will be managed by Digital Networks, with the Project requesting tasks from Digital Networks.

Cathy asked the Steering Committee to keep in mind that some resources are still required to finish the project. This will be managed throughout the handover and requests to Digital Networks from 1 July.

News raised concerns around the known bugs waiting to be fixed which are already causing disruption to the live stream. It was agreed that the Project team should be addressing any bugs in the current system which are escalated via the PDG. This will be easier to manage once BAU has been handed over. It was agreed that a list of outstanding bug fixes will be circulated to the Steering Committee.

Ciaran and the project team will meet to decide on the split of staff and budget throughout the five week transition period.

It was agreed that BAU will not need to come to the Steering Committee unless there is a disagreement between the teams which cannot be resolved.

#### User Generated Content

Some parts of the UGC requirements are within the scope of the project (log in, single sign on, search UGC content and comments) however some features are outside of scope.

Options include leaving the UGC components outside the system, managed by Digital Networks (e.g. a plug-in) or include a new feature or requirements within the Project which will require a Change Request. It was agreed that Digital Networks will model these options for discussion with the business.

#### Integration Project: Scope, Schedule and APIs

There are two options for APIs. The first is through syndication engine linking to other systems, as has been done in Wallace and the current build requirements from WCMS.

The second option is to build a content API which will need to be requested of the Project. Digital Networks have promoted and recommended this option to Radio and News. There was no doubt in those conversations that a content API would be built as an essential piece of the infrastructure, it was more around the governance of that system.

The Project stated that the architecture for the Content API design would be included in the detailed design. If the move of the build from the content API was to move from the Project to the Integration project, a change request was requested from Digital Networks.

The detailed design of the content APIs has still not been received by Digital Networks.

The Project has proposed that the requirements for a content API be scoped and agreed by the PDG. This will be developed into a Change Request. It was noted that this work could be covered by the project contingency funds. The Steering Committee endorsed this approach.

#### BVT

Digital Network's WCMS BVT report was noted. The bulk congestion of content result will be discussed in the following meeting, concentrating on migration issues. This includes development of a 'bulk ingestor' which needs to be defined by requirements. The Project team do not see this as part of the scope of the project, however it will be addressed.

The content API results were discussed earlier in this meeting.

Other 'fails' would pass if tested again now. Other small bugs are being tracked against known issues in UAT.

In summary, the BVT is complete. Noting the above two issues will be complete and the bugs will be fixed, the project has passed BVT and the business is satisfied that Stage 1 can be used. The 'currently untested' item will be removed from the report.

#### Migration

Concerns from News regarding the transition plan will be circulated to the Steering Committee which will include requirements for support.

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Cathy asked the Steering Committee to keep in mind that some of the BAU resources are still required to assist in finishing the project. This will be managed throughout the handover process and requests will be made to Digital Networks from 1 July.

News raised concerns around the known bugs waiting to be fixed which are already causing disruption to the live stream. It was agreed that the Project team should be addressing any bugs in the current system which are escalated via the PDG. This will be easier to manage once BAU has been handed over. It was agreed that a list of outstanding bug fixes will be circulated to the Steering Committee.

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Options include leaving the UGC components outside the system, managed by Digital Networks (e.g. a plug-in) or include a new feature or requirements within the Project which will require a Change Request. It was agreed that Digital Networks will model these options for discussion with the business.

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Digital Network's WCMS BVT report was noted. In the BVT report there was two fails and one of these was the Content API and the other was the Bulk Ingestor which was not part of the project scope. Project to provide a change request to implement the bulk ingestor.

The content API results were discussed earlier in this meeting.

In the BVT report there was two small bugs and these were being tracked by UAT and should be ignored for the purposes of BVT. These would be resolved through the project UAT process..

In summary, the BVT is complete. Noting the above two issues will be complete and the bugs will be fixed, the project has passed BVT and the business is satisfied that Stage 1 can be used. The 'currently untested' item will be removed from the report.

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Concerns from News regarding the transition plan will be circulated to the Steering Committee which will include requirements for support.

# WCMS FY15/16

## MIGRATION STRATEGY & FRAMEWORK

---

Migrating sites to WCMS

# 2018 Outcomes

- Migrate ABC's digital experiences to WCMS (or archive them)
- OneABC considerations are applied to ensure a connected and consistent user experience
  - Sites must be responsive (row-based) to take advantage of WCMS templates
  - Delight our audience with compelling experiences.
- Remove Wallace, Site Producer and XML Engine



# Migration Framework

- Digital Network:
  - Conduct audit of the known sites (completed)
  - Supply evaluation criteria (see below, ETA 05/2015)
  - Complete WCMS technical capabilities review to identify any restrictions (completed)
  - Advise baseline migration sequence (in progress, ETA 05/2015)
- Divisions will:
  - Advise priority for site migration (05/2015)
  - Review baseline migration sequence from DN and update (05/2015)
  - Complete site survey criteria (DN supplied) for priority sites (05/2015)
- OME
  - Review baseline migration sequence and site survey criteria results
  - OME will prioritise the top 20 sites

# Each Site Migration Involves

- OneABC user experience (human centric design approach)
  - Audience Evaluation
  - Re-design sites for responsive
- Migrate Data from legacy systems
- Build templates for the new theme
- Deployment into staging
- Testing of new theme
- Deployment to Production

## Note:

- The same process will need to be followed for every migration

# APPENDIX

---

Migrating sites to WCMS

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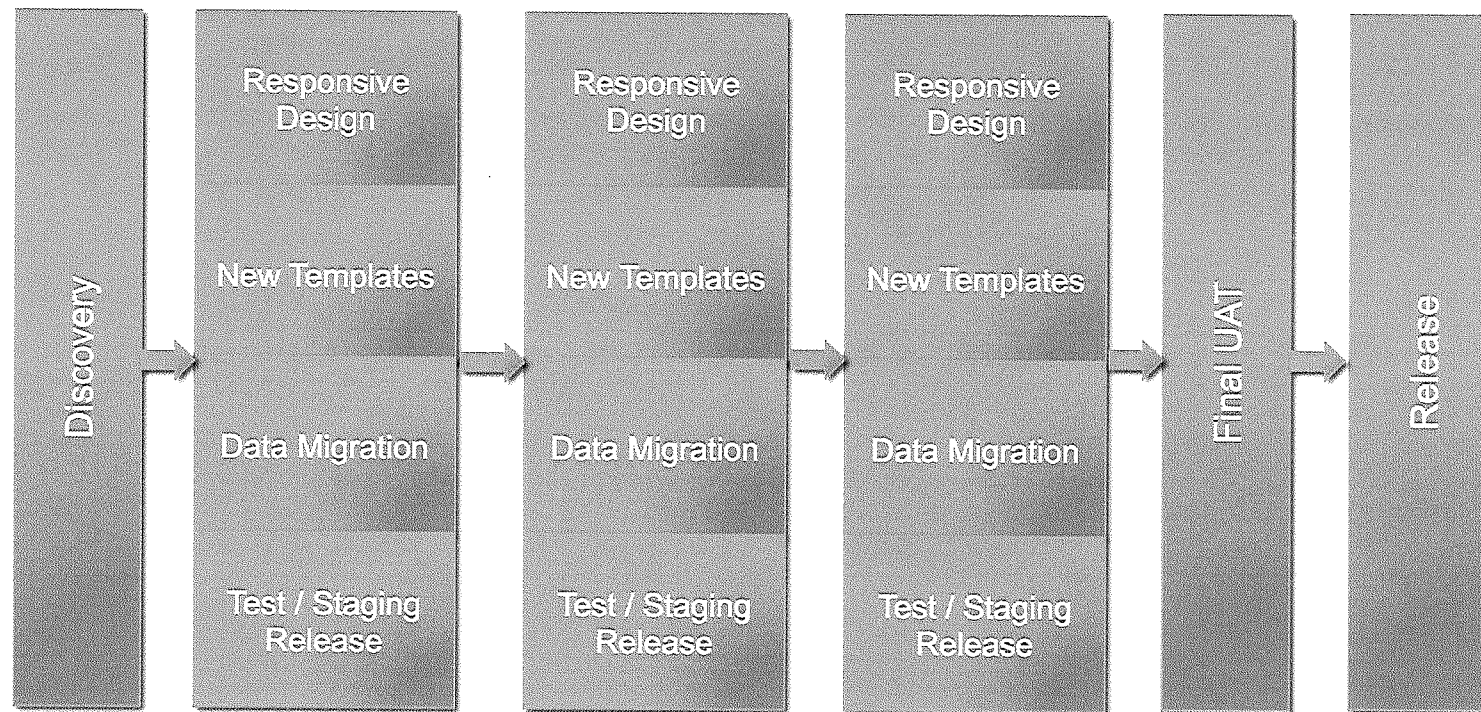
# APPENDIX

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Migrating sites to WCMS



# Per-Site Migration Approach



← Agile Squads →  
Design, Templates and Data Migration running in parallel.

# Evaluation Criteria - DN

For each site DN will provide:

- **Value** – traffic numbers
- **Cost** – number of documents that exist in previous system
- **Risk** – business risk assessment (aligned to “ABC Group Audit Ratings”)



# Site Survey Criteria – Divisions

For each site Divisions to provide:

- **Product Owner** – who will own this from the Division?
- **Vision** – product description
- **Core Features** – program-model? audio player? video player? UGC?
- **Data Migration Requirements** – how much data needs to migrate, if any?
- **Number of Editors** – expected to need access to the system

# Baseline migration criteria - example

Site	Local	Gardening
Current Traffic	200k visits / month	25k visits / month
Relative Migration Complexity*	95%	20%
Date that WCMS Supports the Feature Set	October 2015	June 2015
Number of Editors	100	2
Business Risk	High	Low

\*All data quoted here are example only.



# Site Survey Criteria – example

Site	[Site Name and Product Owner]
Top Level Directories	[List of top level abc.net.au directories that are included in this site.]
Additional Business Case	[What audience value can be derived from prioritising this migration? What efficiencies can be gained by prioritising this migration? Which legacy systems will no longer be in use?]
Redesign Features	[Product Vision. What high-level features does this site require? Does the site require the program-model? Complex UGC? Video Player? Audio Player?]
Number of Editors	[Number of Editors]
DN baseline criteria	DN will provide: <ul style="list-style-type: none"><li>• Traffic Numbers (based on top level directories and webtrends)</li><li>• Relative Migration Complexity</li><li>• Date that WCMS Supports the Feature Set</li><li>• ABC Risk Audit Assessment for this site</li></ul>

\*All data quoted here are example only.

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# ABC WCMS Project

## Steering Committee REPORT

# June 2015

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### **DISTRIBUTION**

Steering Committee

Product Development Group (PDG)

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## 1. EXECUTIVE SUMMARY

### 1.1 Progress this month

#### Schedule

Stage 2 (excluding EPG) was successfully deployed to WCMS production on Friday 22 May 2015.

Stage 3 (TV) Release 1 and Release 2 detailed designs complete. Release 1 features build and User Acceptance testing is completed including EPG feature.

High Level Design for 5.1 Standard Content Importation and 12.10 System Integration Layer signed off including On-Air, PAPI and BTS Integration mapping documents and use cases.

#### Foundation

Performance enhancements have been deployed into the production environment as part of Stage 1 and Core release. These enhancements provided better user response times and increased system stability. The Foundation team are now implementing the Varnish caching layer in the Test environment.

Test will commence on the 8<sup>th</sup> June 2015.

Project team are currently working on operational issues with Solr search to improve storing broadcast events in the WCMS environment.

#### Change Management

The current status is:

- BAU Handover – BAU Resourcing structure and job descriptions have been provided to Digital Networks. Discussions have commenced with Digital Networks on the transitioning of BAU team to be completed by 1 July 2015.
- Commenced development of user guides and showcase for 15.03 (Stage 3). Also commence build of catalogue for 15.03 features.

#### Integration Project

- Project Schedule has been updated to include the point to point integration i.e., On Air, PAPI and BTS. This schedule has been presented to Digital Networks and released to the Steering Committee.
- On Air and Radio API (PAPI) Mapping Documents and Use Cases signed off.
- High level design for Feature 5.1 and 12.10 has been endorsed by the ARG and signed off.
- Detailed design has commenced for Feature 5.1 and 12.10 including On Air and Radio API (PAPI).

#### CoreMedia Support and License Contract Renewal

The current status is:

- Contract has been signed by ABC management and CoreMedia. This item is now considered COMPLETE.

#### Transition of Existing Tenants to WCMS Phase 2

Currently Transition Project is On-Hold.

### Business Verification Testing

The Digital Networks BVT was completed and a report was prepared and discussed at the last Steering Committee held on Wednesday 20 May 2015. This item is now considered COMPLETE.

### Test Tenant

- Currently a test tenant, which images part of the AUSTRALIAPLUS site, was created in production using existing Production Freemarker Templates
- The site was built in development, deployed through both the test and Staging environments and into Production - proving tenant movement across environments
- The URL is: [www.abc.net.au/abc4000](http://www.abc.net.au/abc4000)

### Change Requests

At the last Steering Committee Meeting held on Wednesday 20 May it was requested for the WCMS Project to provide estimates for two additional changes to the project scope for Steering Committee consideration. The two changes are as follows:

- Bulk Ingester
- Content API

These new change requests are being prepared for the next Steering Committee Meeting held on Thursday 18 June 2015.

## 1.2 Key activities for next month

- Obtain signoff on BTS Integration Use Cases and Mapping Document.
- Complete build of release Stage 3 Release 2
- Complete build of release Stage 3 Release 3
- Complete of the build of Integration deliverables
- Continue BAU handover activities

## 1.3 WCMS Key Milestones

The key dates for the program listed in the following-table:

<i>Item</i>	<i>Original Schedule (Jan 13)</i>	<i>Current Schedule</i>	<i>Forecast Completion date</i>	<i>Status</i>
Project scoping	Feb-13	Complete	Complete	Complete
WCMS Team build up	Apr-13	Complete	Complete	Complete
<b>Foundation</b> - Design, external review, build and deploy	Jun-13	Aug -14	Dec -14	In Progress
<b>Core</b> - Design, build and ready to deploy	Dec-13	Oct -14	Dec - 14	Complete (accessibility added to core features) *
<b>Stage 1:</b> Design, build & ready to deploy	Apr-14	Oct-14	Jan - 14	Complete (accessibility added to stage 1) *
<b>Stage 2:</b> Design, build and ready to deploy	Jun-14	Feb-15	April - 15	Complete (except EPG)

<i>Item</i>	<i>Original Schedule (Jan 13)</i>	<i>Current Schedule</i>	<i>Forecast Completion date</i>	<i>Status</i>
<b>Stage 3:</b> Design, build and ready to deploy	Oct-14	May 15	July - 15	—
<b>Stage 4:</b> Design, build and ready to deploy	Mar-15	July-15	August - 15	—

\*Accessibility Release was moved to Stage 1 from Stage 4

## 2. Product Build

### 2.1 Core and Stage 1 - Deployed to WCMS Production

### 2.2 Stage 2 (excluding EPG) - Deployed to WCMS Production

### 2.3 Stage 3 – (TV)

- Commenced UAT testing for Stage 3 Release 1 features including EPG.
- Commenced Stage 3 Release 2 features build.
- Confirmation provided by Digital Networks and Architecture that the HLD for 12.27 -12.40 Login and Single Sign On will remain as is and be presented at the next ARG meeting on Thursday 6 June 2015 for sign off.
- Adaptive Part C is still being developed and not expected to go through normal UAT process. Neil Wilkinson will review/test the Adaptive deliverables at the end of S3-2 and then sign off Adaptive.
- High level and detailed design continue for Stage 3 Release 3 features.
- Requirements for TV gaps 22, 23 and 24 (Video Bookmarks, Video Pre-roll and Video Event Tracking) are completed and approved by the PDG on 13/3/2015
- PDG approved on 13/1/15 the decision that no additional requirements or new deliverables are required against the feature (12,39 Search UGC Content) in Stage3 Release 1
- PDG approved on 13/1/15 the decision that no additional requirements or new deliverables are required against the feature (6.6 Cross Promotion Management) in Stage3 Release 2
- PDG approved on 2/12/14 the decision to merge the two features (12.40 Single Sign On) and (12.27 Login)

### 2.4 Stage 4 – (Other)

- Gap analysis for the other tenants (International, Commercial & Innovation) completed and product architect currently assessing effort required to implement
- Requirements gathering for features in Stage4 progressing as per schedule
- Gap Analysis findings report prepared and under internal review.

## 3. Product Support (BAU)

### BAU Deployment (May)

Stage 2 (Radio) Release 15.01 deployment to production was completed on the 22 May 2015.

### Next BAU Deployment (August)

The next planned release will be for Stage 3 Deployment 15.03 (including Integration and EPG) scheduled on 28 August 2015.

### Weekly BAU Releases

The WCMS product Support team is also implementing weekly BAU releases for BAU tickets only. This release will target those urgent BAU changes required from the current tenants. This effort is in parallel with the other major releases. The BAU release priorities are as follows:

Ticket	Description	Owner	Proposed Build	Proposed/ <b>Confirmed</b> Deploy Date	Comments
WCMS 1866	hiding and showing streaming audio buttons do not work on episodes or segments	RN	15.01.16	4-Jun	Ready for deployment
WCMS1865	CoreMedia overrides Function.prototype.bind indiscriminately	NEWS	15.01.17	4-Jun	Ready for deployment
WCMS 1876	Topic RSS feeds have incorrect <link> values	NEWS	15.01.18	11-Jun	pending testing
WCMS -1111	Configure Archive day indexes to contain full list of content	NEWS	15.01.19	18-Jun	pending testing
WCMS 1879	Ability to add async/defer attribute to associated Javascript documents	NEWS	15.03		
<a href="#">SUPPORT-217 / WCMS-1875</a>	CMS Feeder many error docs	RN	15.01.20	25-Jun	under triage
<a href="#">NEWWORKREQUEST-113</a>	Expose style.class Context Setting on embedded teasers on mobile	NEWS	15.01.21	2-Jul	under triage
<a href="#">NEWWORKREQUEST-116</a>	Gallery XML uses incorrect default for unset "default image ratio"	NEWS	15.01.22	9-Jul	under triage
Support 221	Redirects remove url paramaters	NEWS	TBC	TBC	
<a href="#">SUPPORT-193</a>	RN Images not updating	RN	TBC	TBC	
<a href="#">SUPPORT-189</a>	Importer not matching genre values	NEWS	TBC	TBC	
<a href="#">SUPPORT-186</a>	Problems with B&W images in Core Media	NEWS	TBC	TBC	
<a href="#">SUPPORT-185</a>	Most popular content not consistently available	NEWS	TBC	TBC	

### 3.1 Key Milestones

The key dates for the Product Support workstream are listed in the following table:

Activity:	End Date Revised	End Date Baseline	Status / Comment
Support release 13.02 deployed (Windows 7 compatibility)	Jan 2013	Jan 2013	Complete
Support release 13.03 (Importer enhancements)	Mar 2013	Mar 2013	Complete
Support release 13.04 (Disaster Recovery update)	Apr 2013	Apr 2013	Complete
Support release 13.05 (News Mobile prep)	May 2013	May 2013	Complete
Rural (CR #73) Stage 1 launch			Complete
Release 13.07 News Mobile (CR #74) launch	Jul 2013	Jul 2013	Complete
Support release 13.08b (Feature Promo)	Aug 2013	Jul 2013	Complete Delayed for NWR76
Support release 13.08a Content Syndication tweak (NWR 76)	Aug 2013	Aug 2013	Complete
Support release 13.08c- (Workflow Patch)			Complete
Support release 13.09 (NWRQ 79, 81, 83, 77, WCMS 1144 & 1149, Support 157 & 159)	Oct 2013	Sep 2013	Complete
Support release 13.10 (NWRQ 69)	Oct 2013	Oct 2013	Complete
Development on News Segmentation and Encoding (NSE)	Dec 2013	Dec 2013	Complete
Support release 13.12 (NSE)	Dec 2013	Dec 2013	Complete
NG3 – WA State edition 14.03	Mar 12 & 19	Mar 2014	Complete
NG3 – Extension – 14.05	Apr 16	Apr 16	Complete
NG3 – Extension – 14.06	July 23-24	Jun 4	Complete
Combined NEWS/RN (inc NG3)- 14.07A	July 23-24	July	Complete
14.08 – EDP deployment	Dec 14	Aug 14	Complete
14.08 - patch	17 Dec 14	17 Dec 14	Complete

Activity:	End Date Revised	End Date Baseline	Status / Comment
14.12 – Core and Stage 1	27 Feb 15	27 Feb 15	Complete
15.01 – Radio specific features	29 Apr 15	22 May 15	Complete
15.03 – Stage 3 (inc Integration OnAir, PAPI, BTS) and EPG	May 15	28 Aug 15	

Table 2: Key Dates – Product Support

### 3.2 BAU – Key Risks

N/A

### 3.3 Product Support - Active Change Requests

N/A

## 4. Foundation

Performance enhancements have been deployed into the production environment as part of Stage 1 and Core release. These enhancements provided better user response times and increased system stability. The Foundation team are now implementing the Varnish caching layer in the Test environment.

Project team are currently working on operational issues with Solr search to improve storing broadcast events in the WCMS environment.

Detailed Foundation milestones below:

Activity:	Forecast	Planned	Status / Comment
WCMS infrastructure enhancements requirements (AR1) Caching 7 & Traffic Management requirements (AR3)	Nov 2013	Nov 2013	Complete
WCMS Environments requirements (AR 10) Enhanced Deployment Process (AR11) WCMS Infrastructure detailed design (AR 1)	Feb 2014	Dec 2013	Complete
WCMS infrastructure enhancements implementation (AR1)	Dec 2013	Dec 2013	Complete
Performance testing/environment POC implementation (AR2)	Feb 2014	Feb 2014	Complete
WCMS Application High Level Design (AR 9)	Mar 2014	Nov 2013	Complete
Enhanced Deployment Process implementation (AR11)	Dec 2014	Apr 2014	Complete
WCMS Non-Prod Environments implementation (AR 10)	Aug 2014	Mar 2014	Complete
Monitoring System implementation (AR2)	Sept 2014	July 2014	Impacted by Rel. 14.08 issues
Caching 7 & Traffic Management detailed design (AR3)	TBA	Jan 2014	On hold pending Technology design, not critical path
Caching 7 & Traffic Management implementation (AR3)	TBA	Apr 2014	On hold
Foundation work complete	TBA	Jul 2014	Schedule adjusted to meet project priorities

## 5. Change Management Update

### Current status

- New Training Lead has been hired and will commence work on Monday 1 June 2015.
- Presented usage, location and storage of WCMS process and template documents
- Commenced development of user guides and showcase for Stage 3 (deployment release 15.03).
- Commenced build of catalogue for Stage 3 (deployment release 15.03) features
- BAU Resourcing structure and job descriptions have been provided to Digital Networks. Discussions have commenced with Digital Networks on the transitioning of BAU team to be completed by 1 July 2015.

The following table currently details the number of people trained from the various Divisions:

Course Date	Location	Attendees					TOTAL
		Digital Network	International	News	TV	Radio	
18/19 Sept 20 14	Sydney	2	1			2	5
29/30 Sept 2014	Sydney				4		4
16/17 Sept 2014	Brisbane	1		6		2	9
2/3 Oct 2014	Melbourne	2	2		4	2	10
2 Dec 2014	Sydney				3		3
Various	Sydney	1		4		1	6
Various	Melbourne (webex)		7	1			8
22/24 April 2015	Sydney	3	1	1	4		9
<b>TOTAL</b>		<b>9</b>	<b>11</b>	<b>12</b>	<b>15</b>	<b>7</b>	<b>54</b>

The following table details the number of people that intend to attend the showcase from the various Divisions:

Course Date	Location	Attendees					TOTAL
		Digital Network	International	News	TV	Radio	
13-Nov 2014	Showcase – local				3	1	4
	Showcase - remote					4	4
16-April 2015	Showcase - local		1			6	7
	Showcase - remote						0
<b>TOTAL</b>			<b>1</b>		<b>3</b>	<b>11</b>	<b>15</b>

**Activities for next period**

- Complete induction for new Training Lead
- Communicate details of location of WCMS process and templates
- Showcase and catalogue development
- Continue discussions with Digital Networks and ABC People regarding the transfer of staff for BAU

**6. Integration Project – Current status****The current Project Status is as follows:**

- Overall requirements gathering for Feature 5.1 Content importation and Feature 12.10 Integration framework signed off.
- On Air and Radio API (PAPI) Mapping Documents and Use Cases signed off.
- High level design for Feature 5.1 and 12.10 has been endorsed by the ARG and signed off.
- Detailed design has commenced for Feature 5.1 and 12.10 including On Air and Radio.
- Middleware team has commenced the analysis and design work for the On-Air and Radio API (PAPI)
- WCMS Project has prepared and provided Schema to Middleware development team.
- BTS Integration Mapping Document and Use Cases accepted by International and Digital Networks.

**Priorities for next period**

- Complete Detailed Design
- Complete Connectivity Proof of Concept
- Complete build of Features 5.1 and 12.10
- Complete Integration/Import Service
- Complete Middleware build

**7. Transition of Existing Tenants**

Transition project is on hold

**8. WCMS Resources – Changes for May****WCMS team****Departures:**

- Kevin Cai – Automation Tester

**Arrivals:**

- None

**9. PDG Update**

PDG Meeting on Tuesday 5<sup>th</sup> May 2015

**Features reviewed:**

- 5.1 Standard Content Importation & 12.10 System Integration Layer Requirements Document - approved
- OnAir Integration Mapping Document and Use Cases (Radio) - approved
- PAPI Integration Mapping Document and Use Cases (TV) - approved

PDG Meeting on Tuesday 19<sup>th</sup> May 2015

**Features reviewed:**

- BTS Integration Mapping Document and Use Cases – approved



## 10. Key Risks – WCMS Project

The following risks have been highlighted as they have a significant potential impact on the project.

No	Who	Risk Description	Risk Rating	Assigned To	Mitigation Strategy
041	Cathy Scanlon	<b>Staff Retention</b> Due to unknown future support staff retention plans there is a risk of losing WCMS project staff which may lead to loss of knowledge which could affect future support and management of the WCMS product	12	Gary Paternoster	<ul style="list-style-type: none"> <li>Using ABC Staff as members of the WCMS team</li> <li>Capture IP in documentation</li> <li>Cross-skill individuals</li> <li>Creation and socialisation of a staff handover plan as early as possible</li> <li>Lower uncertainty for WCMS project staff by Digital Networks providing further presentations</li> </ul>
181	Gary Paternoster	<b>Scope</b> The project has minimal ability to meet any increase in scope via change requests or extra requirements  <b>Risk</b> The project cannot add any more change requests without using the existing Contingency	4	Cathy Scanlon	Steering Committee oversight of the project deliverables to ensure that scope does not increase or that approval to use Contingency via the Change Request is given.

## 11. Financial Performance

### WCMS FINANCIAL SUMMARY AS AT May 2015

Product Support - Ongoing	May			YTD May 2015			FY 14/15			Total Product Support		
<i>Figures in '000s</i>	Actuals	Budget	Variance	Actuals	Budget	Variance	Forecast	Budget	Variance	Forecast	Budget	Variance
Salaries	140	106	(34)	1,553	1,168	(385)	1,670	1,274	(396)	4,162	4,683	521
Hardware	0	9	9	0	98	98	5	107	102	65	399	334
Software	38	87	49	174	954	780	844	1,041	197	2,176	3,295	1,119
Other	3	22	19	55	237	182	60	259	199	433	(270)	(703)
<b>Total</b>	<b>181</b>	<b>223</b>	<b>42</b>	<b>1,782</b>	<b>2,457</b>	<b>675</b>	<b>2,579</b>	<b>2,681</b>	<b>102</b>	<b>6,836</b>	<b>8,107</b>	<b>1,271</b>

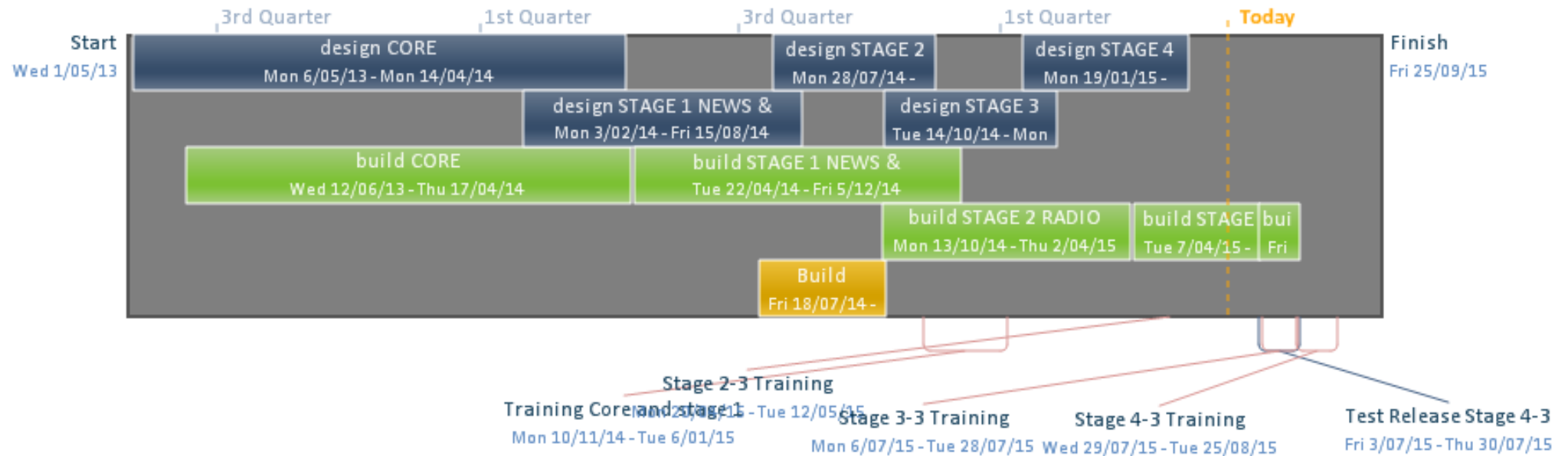
Licences	May			YTD May 2015			FY 14/15			Total Licences		
<i>Figures in '000s</i>	Actuals	Budget	Variance	Actuals	Budget	Variance	Forecast	Budget	Variance	Forecast	Budget	Variance
CoreMedia Licence	0	0	0	0	0	0	1,619	1,484	(135)	1,619	1,484	(135)
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,619</b>	<b>1,484</b>	<b>(135)</b>	<b>1,619</b>	<b>1,484</b>	<b>(135)</b>

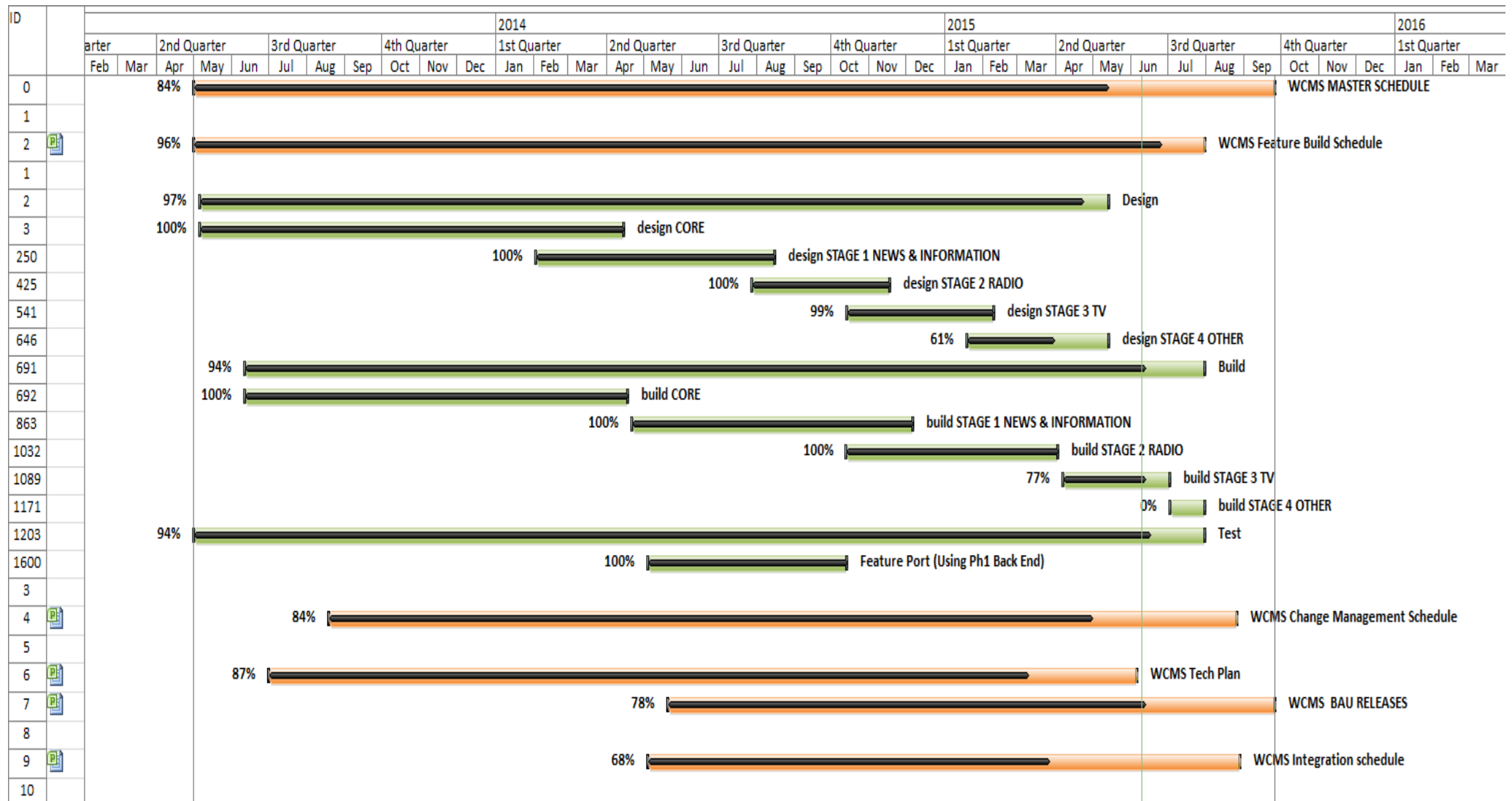
Product Build - Project	May			YTD May 2015			FY 14/15			Total Product Build		
<i>Figures in '000s</i>	Actuals	Budget	Variance	Actuals	Budget	Variance	Forecast	Budget	Variance	Forecast	Budget	Variance
Salaries <sup>1</sup>	(64)	301	365	3,342	3,316	(26)	3,491	3,617	126	9,331	8,763	(568)
Hardware	0	0	0	2	0	(2)	47	0	(47)	377	700	323
Software	(18)	5	23	36	50	14	36	55	19	72	220	148
Other (incl Redundancies)	8	19	11	349	204	(145)	354	223	(131)	1,466	897	(569)
Phase II <sup>2</sup>	0	0	0	0	0	0	0	0	0	270	270	0
<b>Sub-Total</b>	<b>(74)</b>	<b>325</b>	<b>399</b>	<b>3,729</b>	<b>3,570</b>	<b>(159)</b>	<b>3,928</b>	<b>3,895</b>	<b>(33)</b>	<b>11,516</b>	<b>10,850</b>	<b>(666)</b>
Contingency <sup>3</sup>	0	0	0	0	0	0	0	0	0	305	1,010	705
<b>Total Build inc Contingency</b>	<b>(74)</b>	<b>325</b>	<b>399</b>	<b>3,729</b>	<b>3,570</b>	<b>(159)</b>	<b>3,928</b>	<b>3,895</b>	<b>(33)</b>	<b>11,821</b>	<b>11,860</b>	<b>39</b>

#### Notes

- 1 \$1.2m additional CR50:Mobile First.
- 2 Carry in of \$270k Assets from Phase II.
- 3 \$600k: CR102 & CR103

## 12. Appendix A: Project Milestone Plan and High Level Schedule as at 5 June 15





## 13. Appendix B: WCMS Dashboard as at 5 June15

## WCMS Dashboard

***"One system and a set of shared templates providing a solid product base that can be built upon that can be used by the entire ABC to easily onboard new websites allowing the ABC Audience to explore all ABC content when and where they want."***

Release	UAT*	Showcase (**stage UAT)	Target date for deployment into Production	Features available
Core and Stage 1	Complete	6/02/15	28/02/15	Core and Stage 1 (Rel. 14.12)
Project Celebration			6/3/15	
Stage 2	17-20/3/15, 20-24/4/15	24/04/15	22/5/15	Stage 2 – Radio and Program features (Rel. 15.01)
Stage 3	6-10/7/15	13/7/15	28/8/15	Stage 3 - TV and Video features
Stage 4	24/07/15 – 30/07/15	30/07/15	25/9/2015	Stage 4 – Other features

\*Feature by feature testing – feature testing complete

\*\*Features all working together - stage testing complete

## 14. Appendix C: List of Features by Release

The following features are scheduled to be delivered by the completion of:

### 14.1.1 R12 (Built in R10, R11 & R12).

Feature	Description
7.7.1 Dynamic Collections	The creation of content lists, automatically-generated based on specified criteria (e.g. published date).
12.1 Editor Search	Ability for a Coremedia-user (e.g. editor) to search for content across the repository.
7.2.1 Templating	The configuration and creation of page layout-management toolsets
1.1.2 Text document	The display and creation of text-centric, Article objects.
7.4.1 Extended Article document	The display and creation of text-centric (such as Articles) objects
7.9.5 Embedded Content	The display and configuration of content (e.g. Article, Image) embedded into Rich Text properties
12.34 Related Content	Overarching attribute of content objects' to display selected related-items in a defined way.
12.9 Default Presentation of content	Overarching attribute of Coremedia to present content objects in a defined way.
2.1.3 Legacy URLs	Allows the WCMS to redirect a request for a legacy/Wallace URL to the Core Media URL
3.1 Search Form	Simple search form which submits the query to a third-party (Funnelback) search engine.
3.3 Search Results	The display of the results of a search query, provided by a third-party (Funnelback) search engine.
7.3.4 Site header	The display and configuration of site-wide visual scaffolding (including header elements), for use by each Coremedia tenant.
7.3.6 Site footer	The display and configuration of site-wide footer navigation menu, for use by each Coremedia tenant.
7.3.3 Global Footer	The display and configuration and ABC-wide navigation menu (footer).
7.3.2 Global Header	The display and configuration and ABC-wide navigation menu (header).
7.9.4 Teasers	The display and creation of Teaser objects; the result of 'teasing', in order to override properties, of existing content
1.1.9 Overriding objects' properties	The display and creation of Teaser objects; the result of 'teasing', in order to override properties, of existing content.
1.1.1 Base Document Model	Definition of object types (content types, and their properties) available to Coremedia-users.
12.7 Publish Content	Ability to make content available, and update content, for ABC audiences.
12.8 Context Aware Presentation	Display and configuration of section-specific visual scaffolding (including header elements and primary navigation menu) for use by each Coremedia tenant.
2.1.2 Vanity URL (URL redirects)	A short URL that redirects to another page within the WCMS, particularly for use in marketing or on air mentions. Editorial managed
7.3.1 Page Layout	A flexible layout system for building various page layouts.
7.3.5 Site Navigation	The display and configuration of site-wide primary navigation menu, for use by each Coremedia tenant.

## 14.1.2 Feature Port – Release 2

The following features are scheduled to be delivered by through R13, R14 & R15 completing the feature port.

Feature	Description
6.4 Sharing	The ability to share content on third party social media platforms, or to email a friend.
6.7 External content (basic)	Standard interface to accept and render external content (core functionality, white listing).
8.1 Media Availability	Functionality to allow media to be made available on the site based on delivery format, expiry, validity/existence of the file
12.2 Manage Content Access	Ability to manage who/what can access which content within the repository
12.3 Manage Content Definitions	Ability to change the definitions of the content over time
12.37 Rules based presentation	Ability to use configurable criteria on pages to determine rendering of specific content
12.4 Manage Content Workflows	Ability to manage streamlined publishing workflows that align to editorial policies
12.6 Manage Text Content	Ability to manage text content and associated data
13.3 Video Player	Standard video player
13.4 Audio Player	Standard audio player.
1.1.3 Image document	Defines the document structure for describing images
1.1.4 Video document	Defines the document structure for describing video elements
1.1.5 Audio document	Defines the document structure for describing audio elements
1.1.6 Person document	Defines the document structure for describing documents outlining a person
1.1.8 Interactive document	Defines the document structure for describing documents outlining a standalone interactive (e.g. Flash application)
1.2.1.1 Subjects	Defines the structure for describing subjects that a document may relate to (e.g. business, politics, gardening)
1.2.1.2 Genres	Defines the structure for describing content genres (e.g. comedy, drama, documentary etc)
1.2.3 Roles	Defines the structure for describing roles associated to a person
1.4.2 Image gallery	Defines and describes the structure of a related collection of images
2.1.1 URL Schemes	Standard structure of the URLs used to serve all websites, including SEO
2.2.1 Metadata	Standard structure for associating data within a page layout that describes the content, primarily for search engines.
2.3.1 Analytics	Standard approach to implementing centralised web analytics scripts within a page
2.3.2 Cookies	Standard approach to managing personalised information within client side cookies (e.g. weather location, local radio region)
7.1.1 Device detection and redirection	The ability to direct users to an appropriate view based on the type of device they are viewing on.
7.1.3 Mobile views	The ability to create layouts for mobile optimised websites
7.4.10 Interactive	A stand-alone detailed view of a standalone interactive (e.g. Flash application)
7.4.2 Image	A stand-alone image document
7.4.7 Audio	A stand-alone Audio document. E.g. news audio clips.
7.4.8 Video	A stand-alone Video document. E.g. news video clips, web extras.
7.4.9 Person	aka Profile page. Contributors to a program or other content. Person detail view only
7.5.3 Detailed List	A list of content items rendered in detailed teaser view (eg. contains more metadata for each item than simple view). Optional configuration includes display of thumbnails, and specifying thumbnail orientation.
7.5.4 Simple List	A list of content items rendered in simple teaser view
7.5.5 Grid List	Renders items containing images as a grid of image thumbnails.



Feature	Description
7.5.6 Link List	A simple list of links (eg. to a content item's detailed page, or an external link)
7.6.1 Image gallery	A standard rendering of a collection of images into an interactive gallery.
7.7.2 Editorial collections	Ability to use lists based on manual curation
7.7.4 NewsGap11 Proxy Collection	To provide the ability to place collections on a landing page/cascading region, without applying a display style for entire collection (maintain each items individual display style)
7.9.2 Interactives HTML5	Renders code for the display of HTML5 objects placed in a page.

### 14.1.3 Stage 1 – 3 (R12)

The following Stage 1 features are scheduled to be delivered in R12

Feature	Description
6.1 Comments	The display and configuration of comments created using a third-party (ABC's TMB/Threaded Message Board) UGC management platform.
12.22 Featured Comments	Specific attribute of Comments, focusing on the visually-emphasised display and configuration of selected sets of comments
1.1.7 Map document	The display and creation of Map objects, integrating with third-party (Google) mapping service provider.
1.2.1 Taxonomies	The display and creation of Taxonomy objects and vocabularies.
1.2.2.2 Regions	Defines the structure for describing bounded areas such as broadcast regions or electorates.
1.2.2.1 Locations	The display and creation of Location objects in the Location taxonomy
1.2.2 Places	The display and creation of Location objects in the Location taxonomy
12.43 Tickers	Display and creation of Ticker objects.

### 14.1.4 Stage 1 – 4 (R13)

The following Stage 1 features are scheduled to be delivered in R13

Feature	Description
10.1 Customisations	Standardisation of existing Editor customisations as required. Eg. configurations, access groups, move rules
12.28 Maps Detail View	The display and creation of Map objects, integrating with third-party (Google) mapping service provider
7.9.1 Maps	The display and creation of Map objects, integrating with third-party (Google) mapping service provider
12.36 RSS/Podcast – Simple	Specific attribute of publicly-available content lists, published as (RSS and Atom) feeds
12.41 Social Media Promo	The display and configuration of site-wide social media presences, for use by each Coremedia tenant.
12.46 Live Blogging	The display and creation of Live Blog objects.
13.5 Link Checker	Checks the validity of external links within the WCMS

### 14.1.5 Stage 1 – 5 (R14)

The following Stage 1 features are scheduled to be delivered in R14

Feature	Description
9.2 NewsGap09 Contributor links to Person Contact Forms	If a person is configured to be contactable, generate links to contact form from each contributed content's detail page and the person's profile page. Dependency: Display of contact form with 9.2 General Forms
9.2 General Forms	Generic HTML forms.
12.19 Custom Tracking	Ability to apply custom tracking tags to content
12.25 Gallery List	Standard rendering of a list of galleries
12.35 RSS/Podcast – Detailed	Standard rendering of a list of feeds displayed in a detailed teaser view
12.44 Topic List	Standard rendering of a list of topics
7.5.2 Filters	The ability to re-order indexes based on properties such as date or title.
12.16 Browse By	Standard navigational indexes for content lists
12.31 Popular Tags	Standard rendering of a list of popular tags (eg. subjects).
15.0.0.1 Mobile And Desktop Support - Adaptive templates	The ability to Adapt content and presentation to different device groups - Editor controlled templates based on device group - Editor controlled content based on device group - System controlled content based on device group (eg. Image resolution)
18.1 Feature Promo	Representation of a list of content in a graphically rich carousel
7.7.4 Featured Contents	Lists of content items rendered in a variety of standard featured teaser views

### 14.1.6 Stage 1 – 6 (R15)

The following Stage 1 features are scheduled to be delivered in R15

Feature	Description
12.30 Newsletter (Lyris)	Standard interface to render content in a form for use in Lyris mailing lists. Assumes implementation as is, with no changes to HTML.
9.1 Newsletter Form	Renders a Newsletter subscribe or unsubscribe form. Re-use as is.
7.9.3 Newsletter Content	Content presented in a form for use in Lyris mailing lists
12.14 Remote Access	Ability to access the CMS from regional and non-ABC premises
7.5.2 Filters	The ability to re-order indexes based on properties such as date or title. Re-use as is, assume only small changes.
12.16 Browse By	Standard navigational indexes for content lists (eg. Browse By A-Z)
12.31 Popular Tags	Standard rendering of a list of popular tags (eg. subjects). Assume b/e of existing tag cloud.
12.18 Closed Captions Within Video Player	Ability to render closed captions for video content items
12.29 Multiclip Video Player	A view of a collection of video content items into a standard multiclip video player
18.1 Feature Promo	Representation of a list of content in a graphically rich carousel
6.5 External content	Standard interface to accept and render external content (e.g. Business data, TV Guide, Most popular, Top comments).
NewsGap16 Responsive Interactives	Address the gap of using Doctypes: HTML Fragment and Javascript in a responsive page layout. e.g. display the description of the ita tropical cyclone path
12.5 Manage other content types	Ability to manage other content types and associated data. eg. Maps, Flash etc.
11.1 News and Information	An sample site representing a standard approach to building a news and information based site. Demos built release by release
12.12 Feature/Module Catalogue	A list of all the features and modules available with information about how to

	use them.
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### 14.1.7 S2-Release1 (R16)

Feature	Description
7.4.3 Program (Part A)	A stand-alone program details page
1.4.1 Programs (audio and video) (Part A)	Defines the general structures around programs (e.g. programs have series, series, have episode, episodes and segments).
7.4.4 Series (Part A)	A stand-alone series details page
1.4.1.1 Series (audio and video) (Part A)	Defines and describes the structure of a series
7.4.5 Episode (Part A)	A stand-alone episode details page
1.4.1.2 Episode (audio and video) (Part A)	Defines and describes the structure of an episode
7.4.6 Segment (Part A)	A stand-alone segment details page
1.4.1.3 Segment (audio and video) (Part A)	Defines and describes the structure of a segment

### 14.1.8 S S2-Release1 (R17)

Feature	Description
7.4.3 Program (Part B)	A stand-alone program details page
1.4.1 Programs (audio and video) (Part B)	Defines the general structures around programs (e.g. programs have series, series, have episode, episodes and segments).
7.4.4 Series (Part B)	A stand-alone series details page
1.4.1.1 Series (audio and video) (Part B)	Defines and describes the structure of a series
7.4.5 Episode (Part B)	A stand-alone episode details page
1.4.1.2 Episode (audio and video) (Part B)	Defines and describes the structure of an episode
7.4.6 Segment (Part B)	A stand-alone segment details page
1.4.1.3 Segment (audio and video) (Part B)	Defines and describes the structure of a segment
12.24 Find Programs	Allows a site visitor the ability to Find Programs by Genre, Program Name and Active/Non-Active Programs
7.5.7 Media download lists (audio and video)	Collection Viewtype that displays items based on Expiry Date of Streaming and Download media, Episode Publish Date and Episode Number
RadioGap11: Album Reviews	Functionality to set and display editorially review of album and site visitor reviews.

Feature	Description
RadioGap12: Review Ratings	Functionality to set and display editor and site visitor review ratings
RadioGap14: Recipes	Ability to display Recipes on the website

#### 14.1.9 S2-Release1 (R18)

Feature	Description
12.38 Schedule Event Detail View	A view of a stand-alone Schedule Event
12.32 Program Air Time	Standard rendering of Program details across a site
12.21 EPG (Schedule Events)	Ability to accept EPG information originating from integrated systems and rendering with various functional capabilities
11.2 Program based site	Program showcase site build will start once S2-1 code is deployed to Test1

## 15. Appendix D: Steering Committee Key Milestones

The WCMS Steering Committee meets monthly, dates listed in the following table:

Task Name	Start	Status
Jan 2013 - Steering Committee	Wed 23/01/13	Complete
Feb 2013 - Steering Committee	Thu 21/03/13	Cancelled <sup>1</sup>
Mar 2013 - Steering Committee	Thu 21/03/13	Complete
Apr 2013 - Steering Committee	Thu 18/04/13	Complete
May 2013 - Steering Committee	Thu 16/05/13	Complete
Jun 2013 - Steering Committee	Thu 13/06/13	Cancelled <sup>2</sup>
Jul 2013 - Steering Committee	Thu 18/07/13	Complete
Aug 2013 - Steering Committee	Thu 15/08/13	Complete
Sep 2013 - Steering Committee	Thu 19/09/13	Complete
Oct 2013 - Steering Committee	Thu 17/10/13	Complete
Nov 2013 - Steering Committee	Thu 14/11/13	Complete
Dec 2013 - Steering Committee	Thu 19/12/13	Complete
Jan 2014 - Steering Committee	Thur 16/01/14	Cancelled <sup>3</sup>
Feb 2014 - Steering Committee	Tue 11/02/14	Complete
Mar 2014 - Steering Committee	Thur 20/03/14	Complete
Mar II 2014 - Steering Committee <sup>4</sup>	Fri 04/04/14	Complete
Apr 2014 - Steering Committee	Thur 17/04/14	Complete
May 2014 - Steering Committee	Thur 15/05/14	Complete
Jun 2014 - Steering Committee	Thur 02/07/14	Complete
Jul 2014 - Steering Committee	Thur 17/07/14	Complete
Aug 2014 - Steering Committee	Thur 21/08/14	Complete
Sep 2014 - Steering Committee	Thur 18/09/14	Cancelled <sup>2</sup>
Oct 2014 - Steering Committee	Thur 16/10/14	Held 31/10/14
Nov 2014 Steering Committee	Thurs 20/11/14	Complete
Dec 2014 Steering Committee	Thurs 18/12/14	Complete
Jan 2015 Steering Committee	Thurs 15/1/15	Complete
Feb 2015 Steering Committee	Thurs 20/2/15	Complete
Mar 2015 Steering Committee	Thurs 19/3/15	Complete
April 2015 Steering Committee	Mon 13/3/15	

Table 2: Key Dates – Steering Committee

Notes:

1. Cancelled, no new business
2. Cancelled, Key stakeholders unavailable
3. Cancelled, Key stakeholders unavailable due to Xmas leave
4. Additional meeting planned to support extended schedule review

# WCMS – Key Issues

June 2015

## Purpose

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The purpose of this paper is to outline at a high level the outstanding WCMS issues.

There are many additional documents written that may be required to unpack all the details and history and help resolve these key items. Additional documents are available within the projects shared drive and are available on request.

## Background

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**The WCMS 2 project was funded to build a minimum viable product with ongoing development of the WCMS product to continue beyond the project.**

The ABC considered several options for developing the WCMS product from the first instance of WCMS and agreed on option C. Option C, outlined the objective of building an enterprise product that delivers a cost effective, reliable and sustainable whole-of-business approach to *online/web* content publishing and management that underpins the ABC's continuing role in Australia's digital future.

As noted in September 2012 board paper, "Model C" (now termed "WCMS Product Build ") focuses on building core functionality for a minimum viable product as a priority. The WCMS project becomes a Product Project, not a migration project. The approach allows the ABC to focus investment in a way that maximises value at an enterprise level.

In February 2013 the ABC Board approved the "product build" and budget. The project build team was established to scope and build 160 features in 24 releases in several stages. The Core with 9 releases, Stage 1 with 6 releases (News), Stage 2 with 3 releases (Radio), Stage 3 with 3 releases (Television) and stage 4 with 3 releases (Others).

The object of this staged approach was to group the build into logical 'domains' to meet and to enable staggered onboarding of new builds (and users) for products that used those 'domains' and enable earliest possible use of the system.

The capital funding for the Product Build ends with the final release 24 being completed in the 2nd quarter of 15/16.

In addition to the project budget, an annual budget of \$1m is to be set aside for the development of new WCMS capabilities (beyond bug fixes and minor enhancements) as part of the ABC's ongoing Capital funding cycle.

This additional funding would be available to build requirements that sit outside of the definition of Product Support. This funding will be independent of the annual ABC capital processes, that is it proposed to be "pre-allocated".

*Note: This additional funding does not preclude additional Capital bids for larger WCMS related projects.* **Business as Usual (BAU) Funding**

**From July 2016, the source of funding for the BAU team, the system support and licensing costs each year will need to be agreed.**

Currently together with the build team the capital project is funded for and manages the support team. As the support function remains an ongoing requirement, the ongoing support team is also called the Business as Usual (BAU) team. The BAU team and their functions transition from the project to their ongoing support role within Digital Networks in July 2015.

At the 1<sup>st</sup> of July, wCMS BAU , budget, team and responsibility was transferred to Digital Network. The BAU team are responsible for bug fixes, minor enhancement and the live deployment of software into the production environment.

To help ensure that a successful handover occurs where both the project build schedule and the critical support functions are not impacted, the project team has documented and handed over the current operational practises and controls that are in place. These practises and controls have been developed, with occasional refinements, since the first product (WCMS 1) became operational. Over the next few months, until the capital project completes, it is critical to maintain these disciplines for the successful delivery of the Capital project.

The BAU Budget for wCMS in 15/16 is funded from the Capital Program as shown in financial forecast below.

WCMS FORECAST, BY FINANCIAL YEAR, AS AT May 2015

Product Support - Ongoing	FY 12/13			FY 13/14			FY 14/15			FY 15/16			Total Product Support		
<i>Figures in '000s</i>	Actuals	Budget	Variance	Actuals	Budget	Variance	Forecast	Budget	Variance	Forecast	Budget	Variance	Forecast	Budget	Variance
Salaries and Contractors <sup>3</sup>	667	349	(318)	831	976	145	1,709	1,274	(435)	2,084	2,084	0	5,291	4,683	(608)
Hardware	1	77	76	0	156	156	5	107	102	59	59	0	65	399	334
Software <sup>4</sup>	31	207	176	199	930	731	752	1,041	289	1,118	1,118	0	2,100	3,295	1,195
Other	109	175	66	33	(999)	(1,032)	60	259	199	295	295	0	497	(270)	(767)
<b>Total</b>	<b>808</b>	<b>808</b>	<b>0</b>	<b>1,063</b>	<b>1,063</b>	<b>0</b>	<b>2,526</b>	<b>2,681</b>	<b>155</b>	<b>3,556</b>	<b>3,556</b>	<b>0</b>	<b>7,953</b>	<b>8,107</b>	<b>154</b>

The Boston Consulting Group, in their 2009 review of the WCMS project, to assist in the preparation of the WCMS Business Case, identified savings of up to \$3.8m per year once the WCMS product was implemented (originally expected in 2011) . In recommending the business case to the Board at that time, the Executive committed to both the timings and amounts of savings to be contributed as a source of funds.

The Boston assumption was that up to 50% of the Web developers within the Content Divisions would not be required (then approx 60-70 positions). It also reported that moving ongoing resources from Content Divisions to the central team would realise the greatest amount of Web developer savings. In 2009 the Business Case, approved by the Board, the web developer reductions were assumed to occur to enable funding wCMS ongoing support costs. All web developer positions have been moved to Digital Network in 2015 as part of the new Digital Network strategy.

The ABC now faces the question of how to fund wCMS BAU, given the 2009 Business Case assumption was that the costs could be covered by reducing web developer resources by 50%.

Note: It is the DN's view that this assumption no longer holds true and while there will be some efficiencies once sites move to the wCMS, it will not be viable to reduce ABC's developer investment by 30 or so FTE's because;

- the wCMS is only one part of a larger digital infrastructure ecology



- not all sites/products will move to the wCMS
- apps require a separate team
- the pace of change and need from constant development of products was not factored into the 2009 assumptions
- the scale of digital work / ABC's digital strategy for 2020 was not known in 2009 and the 2015 landscape is markedly different to that understood in 2009.

The work required to 're-build' the ABC's sites in the wCMS is a 3+ year programme of work and will in any event require 'extra' not 'reduced' resources during the 're-build' phase.

## Resourcing Capacity for Digital Products

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### Background

Since the 2009 wCMS Business Case the digital media landscape has dramatically changed. Access to broadband (3G & 4G) has increased and mobile usage has risen such an extent that by 2015 smart phones are the dominant platform for many digital content genres. In the same time period tablet usage has exploded and more recently 'fablets'. Both trends have contributed to the massive increase in internet video consumption and 'always on', on demand media is now just a 'norm' not a 'future vision'.

Accompanying the changes in technology and internet penetration has been a change that is even more profound for media companies, that being – a significantly increased 'field of choice' for audiences to choose from across all content genres and expectation from audiences for all digital products will rapidly and iteratively respond to both changing in technology and audience needs. This is in stark contrast to the broadcast market.

In light of the changing media market, in 2014 the ABC Executive developed a ABC Strategy to ensure the ABC remains relevant in meeting its Charter in 2020 and beyond. In late 2014 the ABC Board approved a series of initiatives aimed at freeing up budget to invest in both digital content and digital building blocks (software, systems and capacity). In early 2015 these initiatives were rolled out, enabling a 'Digital Investment Fund' of \$9.8M to be distributed for the 2015/16 Financial Year.

In parallel, the ABC set a goal of 40% digital reach to be achieved by 2018 through a focus on strategic priorities, alignment of resources to strategy (requiring development of an integrated cross-divisional audience focused strategy) and establishment of the Digital Network including 'one ABC' vision which at its core has a commitment to audience centricity through implementation of HCD principles and process. It also

Divisions developed plans for NewsOnline, iView, Kids, TripleJ and Radio Player to enable the 40% reach goal to be achieved and TV, Radio and News proposed at approximately 20 additional design and development staff would be required to achieve their roadmaps. However, the requests for investment in these resources were withdrawn to enable investment in digital content.

In April 2015, the ABC also centralised all digital development, design and project management resources in the DN. However, staffing numbers from the 2014/15 financial year have fallen and in the 2015/16 Financial Year the ABC is expecting to have approximately 30% less resources from this transferred pool than were present in April 2014. This is due to loss of 'one off funding' or divisional commissioning funds being re-directed. (Note that an audit is in progress by Finance to baseline the appropriate level of resources required to be finally transferred to the new DN Division)

In the 2015/16 Financial Year allocated \$5.4M of the Digital Investment Fund to the Digital Network Year 2 Plan (\$2.9M was allocated in 2014/15). The DN did not include any bid for additional developer or design resources for the 'audience product pool' so as to enable maximum funds to remain available for investment in digital content. This means that in 2015/16 for focus products the ABC will be working with less total capacity while trying to do considerably more.

**Issues affecting level of developer capacity (and skill sets) required by ABC Digital in any given period**

1. Quantum, velocity and strategic priority of ABC's digital product development
2. Number of technology stacks
3. Complexity & diversity of enterprise software applications to meet audience needs
4. Level of 'one-off' work in a given period including resourcing requirements of capital projects, infrastructure upgrades or software implementations

Note: The programme of work to rebuild all ABC sites in the wCMS is significant in terms of effort and resources required and comes at a time of high strategic importance and rapidly changing audience needs. The transition of ABC sites to the Phase 2 wCMS represents the largest single opportunity for the ABC to deliver a 'step change' in the way we deliver our digital content, both for audience responsiveness and efficiency and how we work as a digital media organisation.

Importantly the primary benefits of the wCMS for efficiency do not come from the 'system itself' but rather from the way the ABC uses the wCMS, including 'one ABC approach' and HCD principles and will require enforceable rules of usage and governance by the Digital Network.

## **Staging, User Acceptance & Business Verification Testing**

The staged delivery methodology defined and agreed under Option C has been a key focus for the projects planning, schedule and progress. The methodology agreed requires that for each software release into production, full functionally for each feature in that stage be available for use. The system was built in this way to bundle the 'domains' together in logical groups to enable products using those domains to be able to develop new sites when the relevant phase containing all the features they needed for their product had been completed and enable earliest possible use of the Phase 2.

Since the first major software release was deployed into the production environment adding the new capability to the existing WCMS live system over the final weekend of February 2015, 107 of the total 160 new features have been deployed.

The project in preparation for system use provided a software training environment, training classes, user manuals and a show case site to demonstrate all current system features available to date. Since the first software release, Stage 2 has also been completed and deployed adding another 20 plus features to the production system.

**User acceptance & Business verification testing have confirmed that 107 features are available, in production since end February with 54 trained users.**

For WCMS, testing each of the 160 features associated with the 24 releases within each of the stages of the WCMS product build is essential.

### **User Acceptance Testing (UAT)**

Individual feature tests are completed at each release on a feature by feature basis (User Acceptance Testing). This is done first by the project team and then by the trained specialist users as assigned by each content Division. Once the feature testing has been completed for each release that release is then accepted as having passed UAT.

At the completion of each project Stage, all releases and features in that Stage are collectively tested by the project against all other features built to date so as to ensure the Stage has been completed and works collectively as per the agreed requirement.

UAT has been completed on Core, Stage 1 and Stage 2. Stage 3 and 4 are still in progress but will undertake this same testing methodology.

#### **Business Verification Testing (BVT)**

Business Verification Testing (BVT) is testing by the business (not the project), running end to end test cases to ensure that the system meets the business requirements prior to 'handover'.

BVT was completed during April and May on Core and Stage 1, with a report prepared by Digital Network presented to the WCMS Steering Committee in May 2015. The 40 test cases were completed with 2 failures. The project via 2 change requests has added additional scope to the project build that will include 2 new features to fix the identified issues. The project has scheduled these features to be added to stage 4.

#### **User Training**

User training occurs during this period so that the user testing can be completed by trained specialists. The number of trained specialists is currently 54, across Digital Networks, International, News, TV and Radio.

### **Re-building ABC Digital in the wCMS**

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The initial, 2009 WCMS Business Case, assumed that the majority of ABC websites would be re-built in the new wCMS as a normal business functions over a two year timeframe once the product was built. This is shown in the table below taken from the 2009 Business Case v1.2.

ABC Innovation WCMS Project  
**Business Case**  
 Version 1.2

**Timeline**

<i>Timeline</i>	<i>Commences</i>	<i>End</i>
<b>Phase 1: Hardware and software installation and implementation and migration of Unleashed, News Online and Radio National websites</b>	17/08/2009	18/03/2011
Phase 1.1 Planning and commissioning of the technical infrastructure	17/08/2009	31/03/2010
Phase 1.2 Migration of the Unleashed website	1/04/2010	16/08/2010
Phase 1.3 Migration of the ABC News website	17/08/2010	29/11/2010
Phase 1.4 Migration of the Radio National website	30/11/2010	18/02/2011
Phase 1.5 Vendor Handover and Vendor Project Close Out.	19/02/2011	18/03/2011
<b>Phase 2: Continuation and completion of website migration by ABC</b>	19/03/2011	26/04/2013
<i>Note: ABC will continue website migration as part of business as usual.</i>		

Site 're-builds' and data migration remains a task that sits outside the 'product build' project as outlined above.

However, there is no 'flick of the switch solution' to rebuilding all of the ABC's online properties in the Phase 2 wCMS and while wCMS Phase 2 has built standard templates and it is 'technically' possible to build new sites using these templates, these templates do not meet either audience or ABC's product needs rather they provide the 'technical building blocks' for the work developing the templates for ABC's products to now be commenced. The DN's Service Design team has commenced work on the Design Language System for all of the ABC online products and this is the foundational piece of work required for development of common templates for ABC online 'domains' that can be used to build new sites. Thereafter work can commence on 'rebuilding' the ABC's online products to meet today's audience needs.

Our legacy systems build desktop websites that mostly deliver a sub-optimal experience on mobile phones (not mobile optimised) and the ABC needs to also consider today's audience needs and the strategy for each product (or groups of product) before investing in the 're-build' of ABC's current sites. At a minimum, each site, as it migrates, will need to be redesigned but many also need to be completely 'rethought' and HCD principles applied to ensure relevance to today's audiences.

**The challenge for Digital Network is therefore to redesign and rebuild the entirety of ABC Digital during the migrations with the exception of Mobile Apps which are developed outside the wCMS but will rely on the wCMS Content API for content from the wCMS..**

The process for migrating a site to wCMS includes:

- Redesigning for mobile-first according to the DLS and HCD principles.
- Building the templates
- Migrating the data
- Training the Content Editors
- Deploying the new site
- Decommissioning the old site
- BAU Activity for ongoing support

Digital Network will be ensuring that sites have a consistent user experience that is audience-driven and mobile-optimised. A common set of templates also will create efficiency for maintenance. It is only through the creation of the Digital Network that this has become possible due to the designers and technologists working as one team.

The first site currently being redesigned is triplej.

Capital Funding of \$1M for the 15/16 Financial year has been allocated to support WCMS Migration work and a Business Case is currently in development.

Whilst understanding and agreeing with the intent of the above, Dave's issue here is that the system has been available for use as scheduled for a number of months and still not being used. He sees this as a significant risk with the Board.

Angela's issue is that the system requires considerable 'work' to be done before sites can be 're-built' in the Phase 2. There are no sites that are 'ready' to 're-built' in the wCMS at present. Triple J is the most advanced and they are in the design phase of work. A News 're-build' project was slated to be kicked off by the wCMS project to deal with accessibility concerns re 1 January legislative changes, but was cancelled once this imperative was removed. Subsequently this work has been

submitted by News to the product prioritisation process and is currently number 18 in the prioritisation process (it is an approx 6-9mth piece of work).

## **System Upgrade**

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**Timeframe and process for managing both the WCMS software system upgrade and the content web site migration.**

The current version of the underpinning WCMS software available from the vendor Coremedia is version 8. The ABC's WCMS production system containing News & Radio National and others was built on software version 5. Before the current project build started it was discussed and for a variety of reasons, agreed that any software version change would occur only after the project build had been completed. In line with the ABC's commitment to continue the development of its digital offering, the Capital has now been allocated in 15/16 for this upgrade to occur. With the build project coming to an end in the next few months, this upgrade will now need to be planned taking into account the migration timing and our future digital strategy. Initial planning needs to take place and be agreed as options will need to be explored as to how migration and the upgrade work will best occur together.



# WCMS Steering Committee

## Minutes

22 June 2015

Attendees: David Pendleton, Chief Operating Officer  
Angela Clark, Director Innovation  
Kate Torney, Director News  
Lynley Marshall, Director International  
Michael Mason, Director Radio  
Richard Finlayson, Director TV  
Rebecca Heap, for Director TV  
Mark Woodley, Head Capital Works  
Ciaran Forde, Head Digital Architecture & Development, Innovation  
Amanda Walsh, Executive Manager Operations Group

Apologies:

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### Minutes of the Last Meeting

Angela distributed notes responding to the minutes of the last two meetings shortly before this meeting. These will be considered offline and circulated to the Committee out of session.

### **Project Update**

The Project Update was noted and

The integration mapping documents have also been completed. Detailed design has also been completed.

The Steering Committee noted that the project is making good progress.

### **Change requests**

Angela does not agree that the content API is not a change to scope and therefore cannot agree that a change request is required. However it was agreed that as it was left off the schedule and requires a release of contingency money, the change request was approved.

### **Migration**

It was agreed that the prioritisation for migration is to be determined by the business. Triple J and News have been prioritised, although News migration has not been allocated any resources.

David Pendleton advised that the WCMS Migration Capital Bid was approved at the June Board meeting. Dave confirmed that \$1m was approved from the Capital Budget, on top of the operational BAU finding / resources. A discussion around the forward planning of the rest of the budget for migration led to Angela agreeing to bring a migration plan to the next meeting.

Angela had decided not to bring a Migration Update paper to the Steering Committee but to keep that to the Online & Media Executive only. A draft list has been sent to business representatives and the recommended list and business plan will be brought back to the Steer Co.

Alvaro has begun work on the style guide. This is unlikely to cause any delays to content moving onto the system.

It was agreed that the second half hour of the WCMS Steering Committee meetings will become a WCMS Migration meeting, with Nathan in attendance.

### **Change Requests**

The Steering Committee approved both change requests: 189 (Content API) and 190 (Migration Interface / Bulk Ingestor). The requirements will be signed off by the ARG then PDG by circulation.

A change request will be brought to the next meeting for Netia.

### **Budget**

It was noted that there is only \$200k left of contingency.