





Mobilo Manufacture Forum	Overview of Presentation	
•	Introduction of the MMF and the GARI project	
•	What GARI offer for customers	
•	How GARI fits into companies commitments to accessibility	
•	How are mobile phones designed and the how accessibility is factored into the design and development process	
•	Future Plans for GARI	
•	International accessibility developments - what is coming up and how they impact manufacturers and consumers.	
•	Q&A	4







Mobile Manufacturers Forum	GARI Database	
•	GARI Database has been designed taking into account Australian, European and US requirements.	
•	Features 110 features for consumers to search for on an individual handset.	
•	Offers one of the most comprehensive guides on what features are available.	
•	Reviewed annually to take into account stakeholder feedback and technology developments.	
		8











MOBILITY/DEXTERITY FEATURES	
Speaker-phone capable	
Text Messaging Service Capable	
Predictive Text Input	
Guarded/recessed keys	1
Device Coupling - Cable	?
Device Coupling - Infrared	7
Device Coupling - Bluetooth/WLAN	?
Flat Back for Table Top Operation	?
Automatic Answer	?
Automatic Redial	?
Any Key Answering	?
Voice Recognition for Dialing	?
Hand Movement	?
Voice recognition for accessing features	?
VISION FEATURES	
Tactile Key Markers - 'F' & 'J'	?
Tactile Key Marker - '5'	?
Standard Number Key Layout	?
Key Feedback - Tactile	?
Key Feedback - Audible	?
Audible Identification of Keys - Spoken	?
Audible Identification of Keys - Functions	?
Audible Cues - Battery	?
Audible Cues - Power	2



	Ste	ep 3: Compare Mo	dels	
	MOBILE	HANDSET/DEVICE COMPARISON		
	Nokia Model:: Lumia 610	RIM	Motorola Mobility Model:: MOTOROLA	
Features		Model:: BlackBerry 9320	ADMIRAL **	
HARDWARE INFO	131.5 Grams	102 Grams	134 Grams	
Handset weight Standby Time /	32 Days 10 Hrs	102 Grams 18 Days 7.0 Hrs	3.3 Days 9 Hrs	
Talk Time	oz Daya tu mra	To Days r.U Firs	5.5 Days 9 Hrs	
Headset - plug connected	Yes	Yes	Yes	
Headset - plug type	3.5mm, AHJ Headset WH-208	3.5	3.5mm	
Touch Screen	Yes	No	Yes	
Touch Screen - Heat Activated	Yes	No	Yes	
Easy Battery Placement	Yes	Yes	Yes	16
Easy to Press Keys	N/A	Yes	Yes	16









	% eve	r do this	% do this or	a <u>typical day</u>
	All cell owners	Smartphone owners	All cell owners	Smartphone owners
Check weather reports and forecasts	45%	77%	28%	52%
Use a social networking site	40	68	28	50
Get turn-by-turn navigation or directions while driving	37	65	8	15
Get news online	37	64	19	36
Play a game	36	64	20	37
Upload photos online so that others can see them	34	58	8	15
Listen to an online radio or music service, such as Pandora or Spotify	29	53	11	22
Check your bank balance or do any online banking	24	44	11	21
Visit a local, state or federal government website	17	31	3	6
Get coupons on deals to use at local businesses	14	24	3	5
Use Twitter	9	16	5	10
Watch movies or TV shows through a paid subscription service, like Netflix or Hulu Plus	8	15	2	4





Mobile Manufacture Forum	Designing for accessibility during product development	
	We design accessibility features for people with disabilities: including hearing or vision loss, and limited speech, dexterity or mobility.	
	The product development process may include:	
•	Gathering feedback	
•	Educating product designers	
•	Testing for accessibility	
•	Marketing Alternate Format Manuals (e.g., Braille) 	
•	Supporting users through specially trained call centers 2	24



MIMF Mobile Manufacturers Forum	Accessibility Solutions for Users with Hearing and/or Speech Needs	3
	Accessibility features for users with hearing and/or speech needs may include:	
•	Video Chat	
•	Support for closed captioned videos	
•	Speakerphone	
•	Text messaging	
•	Vibrating Alerts	
•	Compatibility for assistive devices: Hearing Aids, TTY, neckloops	26



Mobile Manufacturers Forum	Accessibility Solutions for Users with Mobility Needs	
	Advanced Voice Recognition (AVR) analyzes and converts human speech into text to perform simple actions such as:	
•	Voice Dial	
•	Navigate	
•	Compose & Send Text/Email	
•	Make Restaurant Reservations	
•	Operate Handsfree*	
	28	8







	Tablets Section (N GLOBAL ACCESSIBILITY REPORTING INITI MOBILE HANDSET/DEVICE REPO Motorola XOOM™ with WiFi	ATIVE (GARI)	
Manufacturer/Importer:	Motorola Mobility		
Product Brand(s):	Motorola		
Models:	Motorola XOOM™ with WiFi		
Website and/or contact details for the product	http://www.motorola.com/accessibility		
Date Completed:	May-22-2012		
HARDWARE INFORMAT	ION		
FEATURE	DESCRIPTION	DETAIL	
Device weight	Weight including battery.	708 Grams	
Tablet Headset - plug connected	You can plug in a headset containing headphones an microphone. This allows you to listen to music or talk without holding the device. This can be useful if you trouble holding a device.	Van	
Headset - plug type	The type of plug a headset will need to have so that be connected to the device.	it can 3.5mm	
Touch Screen	Does the device have a touch screen?	Yes	
Touch Screen - Heat Activated	If the device has a touchscreen, is it capacitive (sometimes referred to as heat activated Yes		
	Liss a neg alla conting as sideos to provent it allaping	aut Information Not	













Mobile Manufacturers Forum	GARI Outreach	
	Outreach	
	 Via the blog <u>http://blog.mobileaccessibility.info/</u> MMF has published the following 8 new <u>GARI blog</u> entries: 	
	Searching for a phone with a front mounted camera? Looking for phones with accessibility API's?	
	GARI - Assistance for older people Closed captioning on smartphones	
	Choosing a phone that's so smart it can make itself simple Saving time with shortcuts	
	High contrast phone display's help those with limited vision Personalised ring tones for function as well as fashion	
	The GARI blog is currently being worked on to also display blog entries in other languages.	
		39

MART Acturers	GARI	Outre	ach		
Outre	ach				
• Mi Tw	ARI on Twitter MF continued to pro vitter. Status of twe 0 at last GA.				o from
	A Home @ Connect # Discover			a) 1. 🗹	
	accessibility accessibility	Manufacturer to help consumers learn abo is phones and to find one that og & Drast May Mean modesco	out the accessible t meets their needs.	Follow 1- 684 teatra 376 trautoese 142 tautoese	
	Tweet to MobileManufacturers	Tweets			
	@GAByptines	Accessit	Manufacturers @G4/haptare billy info for @Motorpla MOTO	DSMART in Europe.Latin	
	Tweets Fotowng	America /8p4bgq Equal	added to @gariupdates data W	base. #a11y bryuri.com	
			Manufacturers @G49bacase		
	Followers		slits into for JOMatosola MOTO	DOY & DA7D V in Asia	
	Foloners Favorites	> Accessit	bility info for @Motorola MOT(iorth America added to @gari om/992o3y9		







Mobile Manufacturers Forum	GARI Outreach
	Other updates and communications
	• MMF received a request from the Belgian regulator who considers embedding a link to GARI.
	 The Nigerian Communications Commission considers using GARI as official source for accessibility information regarding mobile phones. The issue is pending.
	• Due to an Austrian arbitration process against an operator and one of MMF's members MMF supported working on an integrated response at the national level. As one of the plaintiff's arguments was that the operator sells mobile phones which are not accessible, spreading GARI news could help to fend off further claims.
	44







