



# Q3 2012 Operating Results

October 26, 2012

TSE: 2412

### Disclaimer

#### STATEMENT REGARDING UNAUDITED FINANCIAL INFORMATION

The unaudited financial information under ROC GAAP in this presentation is preliminary and subject to adjustments and modifications. The audited financial statements and related notes with reconciliation to U.S. GAAP will be included in our annual report on Form 20-F for the year ending December 31, 2010. Adjustments and modifications to the financial statements may be identified during the course of the audit work, which could result in significant differences from this preliminary unaudited financial information.

#### NOTE CONCERNING FORWARD-LOOKING STATEMENTS

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#### SPECIAL NOTE REGARDING NON-GAAP FINANCIAL MEASURES

A body of generally accepted accounting principles is commonly referred to as "GAAP". A non-GAAP financial measure is generally defined by the SEC as one that purports to measure historical or future financial performance, financial position or cash flows but excludes or includes amounts that would not be so adjusted in the most comparable U.S. GAAP measure. We disclose in this report certain non-GAAP financial measures, including EBITDA. EBITDA for any period is defined as consolidated net income (loss) excluding (i) depreciation and amortization, (ii) total net comprehensive financing cost (which is comprised of net interest expense, exchange gain or loss, monetary position gain or loss and other financing costs and derivative transactions), (iii) other expenses, net, (iv) income tax, (v) cumulative effect of change in accounting principle, net of tax and (vi) (income) loss from discontinued operations.

In managing our business we rely on EBITDA as a means of assessing our operating performance. We believe that EBITDA can be useful to facilitate comparisons of operating performance between periods and with other companies because it excludes the effect of (i) depreciation and amortization, which represents a non-cash charge to earnings, (ii) certain financing costs, which are significantly affected by external factors, including interest rates, foreign currency exchange rates and inflation rates, which have little or no bearing on our operating performance, (iii) income tax and tax on assets and statutory employee profit sharing, which is similar to a tax on income and (iv) other expenses or income not related to the operation of the business.

EBITDA is not a measure of financial performance under U.S. GAAP or ROC GAAP. EBITDA should not be considered as an alternate measure of net income or operating income, as determined on a consolidated basis using amounts derived from statements of operations prepared in accordance with U.S. GAAP or ROC GAAP, as an indicator of operating performance or as cash flows from operating activity or as a measure of liquidity. EBITDA has material limitations that impair its value as a measure of a company's overall profitability since it does not address certain ongoing costs of our business that could significantly affect profitability such as financial expenses and income taxes, depreciation, pension plan reserves or capital expenditures and associated charges. These non-GAAP measures are not in accordance with or an alternative for GAAP financial data, the non-GAAP results should be reviewed together with the GAAP results and are not intended to serve as a substitute for results under GAAP, and may be different from non-GAAP measures used by other companies.

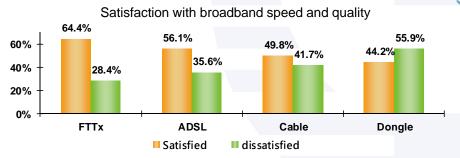


### **Recent Events**

### Fiber and MOD Services Highly Recognized

#### **Broadband Service**

- The "Broadband demand survey"
  - Surveys internet users behavior and their demand of broadband services
- 64.4% said they were satisfied with fiber broadband service



Conducted by the Global Views Monthly Magazine

Most of the fiber access services are provided by Chunghwa in Taiwan

#### **MOD Service**

- The "Digital Convergence Investigation" survey
  - The general public was invited to rate the quality of their cable television services and Chunghwa's MOD (IPTV) service
- Service satisfaction :

	CHT	CATV
Display quality	82.0%	72.9%
Overall service	77.3%	63.9%
Channel versatility	66.8%	66.3%

Conducted by the Survey & Research Co., Ltd.

 94% said they were impressed by MOD's HD broadcast of the Olympic Games in London



### **Business Overview**

### Smartphone - Value Driver for Mobile

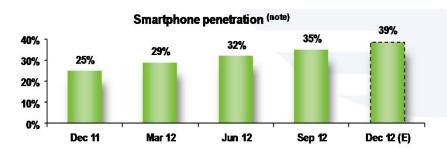
### **Highest Subs & Lowest Churn**



#### **Strategy**

- Continuing mobile leadership by maintaining largest customer base and lowest churn rate
- Upgrading retail stores by:
  - Focusing on high traffic locations
  - Extending store hours
  - Improving customer service at all retail stores
- Expanding Wi-Fi access points to over 35,000 and 100 hot zones in metropolitan areas by year-end 2012

### **Smartphone Adoption**



Note: number of smartphone (iOS/ Android/ Symbian S60 above/ WM/ Blackberry/ Bada/ Brew MP) in mobile network/ total postpaid subs

Q3 2012 smartphone sales breakdown:

Top-tier: 38%

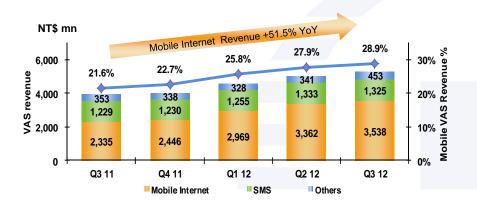
- Mid-tier: 34%

- Low-tier: 28%

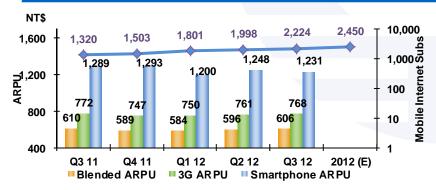
 Smartphone customers account for 67% of the total handsets CHT offered in Q3 2012

### Growing Mobile Value-added Services

#### **VAS Performance**



### **ARPU & Mobile Internet Subs**



Note: Mobile subs are excluding mobile internet users without internet packages subscription

### **Strategy**

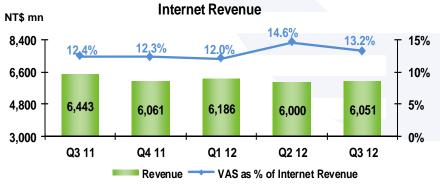
- Increasing mobile VAS revenue by:
  - Offering promotion programs focusing on additional data plan adoption with favorable voice discount
  - Providing customized and integrated Hami
     VAS services

### Fixed Broadband and Internet Services

#### **Performance**

#### **Broadband Access Revenue ARPU NT\$** NT\$ mn 741 742 702 700 704 800 5.000 3,611 3,680 3,476 3,414 3,305 600 400 2.500 1,703 1,636 1.269 1,167 1,141 200 Q3 11 Q1 12 Q2 12 Q3 12 Q4 11 ADSL Fiber

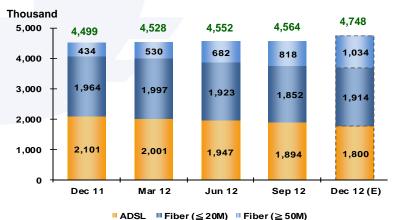
#### Note: Broadband ARPU is calculated as access plus ISP



### **Strategy**

- Migrating customers to higher speed services
- Expanding fiber broadband customer base
- Increasing fiber network coverage, promoting high-speed internet
- Developing cross platform services to strengthen digital convergence capabilities
- Promoting machine-to-machine devices connection

#### **Fixed Broadband Subs**

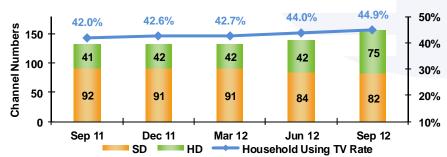


### Growing Momentum in MOD/ IPTV

### Subscriber & Usage

- Subscriber market share (CATV+IPTV) YoY grows from 13.6% to 18.4% in Q2 2012
- 78.1% of IPTV subscribers sign up additional Packages
- Package subscription rate YoY increase from 77.3% to 78.1%

#### **Total IPTV Subscribers & Package Subscribers ARPU NT\$** 145 Thousand 133 130 140 1,300 1500 1,172 1,133 120 1,091 1200 1,058 961 100 900 80 600 60 778 835 567 640 710 300 40 Sep 11 Dec 11 Mar 12 Jun 12 Sep 12 2012 Golden Package ■ Family Package



Note: Household Using TV Rate = average daily active subs per quarter / total IPTV subscribers

#### **Strategy**

- Enriching content offerings for customers
- Introducing new platform to facilitate digital convergence service offerings
- Increasing HD channel selection
- Offering multi-screen cloud services

#### **Performance**

- IPTV revenue grew over 38% YoY in Q3 2012
- Expecting to generate more advertising revenue based on better customers' experiences during London Olympic Games

### ICT and Cloud Computing Initiatives

### **ICT Business Strategy**

- Expand business scope and focus to include:
  - ITS, iEN, information security, IMO, call center, IDC, Cloud Computing, ICT for developers
  - IOT
- Cross-selling capability with existing customers
- ICT revenue grew 29.1% QoQ in Q3 2012

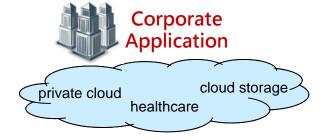
### **Cloud Computing Strategy**

- Strengthen cloud computing infrastructure
- Provide hicloud CaaS, SaaS CRM, hicloud marketplace, and Hami cloud
- Develop innovative cloud applications for retail customers
- 2012 focus: offer personal, storage, enterprise, tourism, distribution, and healthcare cloud services
- Major partners: Microsoft, Trend Micro, IBM, Intel, Fujitsu, R&H, Quanta, Inventec, Wistron, Show Chwan, NCP, CISA, ITRI, III











# **Regulatory Update**

### Regulatory Update

#### Telecom Act Amendment

- Executive Yuan returned the draft to NCC for reconsideration in Oct. 2012
- CHT expects the amendment to focus more on the facilitation of digital convergence capabilities for the overall all industry

#### **IP** Peering

- NCC announced the draft of amendment of "Regulation Governing Network Interconnection among Telecommunications Enterprises" (the "Draft Regulations") to create standards for IP Peering in Sep. 2012
- CHT has submitted a proposal to NCC to amend the Draft Regulations and suggest:
  - Conform to international-accepted practices for 'light regulation and mutual business negotiation among ISPs'

#### 2G license Extension & 4G License Award

- GSM 900/1800 license will expire in 2012 and 2013 respectively
- Subject to NCC's approval, the term of original 2G license would be extended to June 2017.
   Chunghwa has submitted the application for extension of the license and the application currently is under NCC's review
- Executive Yuan instructed NCC to release the 4G (technology- neutral) licenses before end of 2013, along with its regulatory framework which is still under discussion

## 3G Dominant Operator

- CHT, TWM and FET were announced as 3G mobile dominant operators by NCC on July 17, 2012
- The major tariff set by dominant operators are subject to competent authority's prior approval
- The above three operators dominate both 3G and 2G markets



## **Financials Overview**

## Financials: Income Statement Highlights

	ROC GAAP (Consolidated)					
(NT\$bn)	Jan-Sep 2011	Jan-Sep 2012	Growth Rate	Q3 2011	Q3 2012	Growth Rate
Net Revenues	162.61	164.01	0.9%	55.71	54.40	(2.3%)
Operating Costs and Expenses	119.37	126.14	5.7%	41.83	42.30	1.1%
Income from Operations	43.24	37.87	(12.4%)	13.88	12.10	(12.8%)
Net Income	37.07	30.96	(16.5%)	11.93	10.20	(14.6%)
Net Income Margin (%)	22.79	18.88		21.42	18.74	
EBITDA	67.36	62.24	(7.6%)	21.94	20.27	(7.6%)
EBITDA margin (%)	41.42	37.95		39.38	37.25	

Note: The calculation of growth rate is based on NT\$mn

### Financials: Business Segment Revenues

	ROC GAAP (Consolidated)					
(NT\$bn)	Jan-Sep 2011	Jan-Sep 2012	Growth Rate	Q3 2011	Q3 2012	Growth Rate
Domestic Fixed	59.50	56.38	(5.2%)	20.52	18.94	(7.7%)
Local	31.33	30.53	(2.6%)	10.74	10.29	(4.2%)
DLD	4.40	2.87	(34.8%)	1.46	0.94	(35.9%)
Broadband Access	15.37	14.34	(6.7%)	5.01	4.82	(3.7%)
Mobile	68.95	75.20	9.1%	23.76	24.88	4.7%
Mobile Voice	41.99	39.29	(6.4%)	14.21	13.13	(7.5%)
Mobile VAS	11.21	14.94	33.2%	3.92	5.35	36.5%
Handset Sales	15.68	20.95	33.6%	5.61	6.39	14.0%
Internet	18.78	18.24	(2.9%)	6.44	6.05	(6.1%)
Internet Services	13.55	12.70	(6.3%)	4.35	4.25	(2.3%)
Internet VAS	1.85	1.94	5.0%	0.61	0.65	5.4%
International Fixed	11.43	11.37	(0.5%)	3.78	3.86	2.2%
ILD	9.38	9.04	(3.6%)	3.03	3.02	(0.3%)
Leased line	0.73	0.90	24.4%	0.26	0.34	28.1%
Others	3.95	2.83	(28.5%)	1.21	0.67	(44.3%)
Total	162.61	164.01	0.9%	55.71	54.40	(2.3%)

Note: The calculation of growth rate is based on NT\$mn.

## Financials: Costs & Expenses

	ROC GAAP (Consolidated)					
(NT\$bn)	Jan-Sep 2011	Jan-Sep 2012	Growth Rate	Q3 2011	Q3 2012	Growth Rate
Operating Costs	96.76	104.38	7.9%	34.17	34.28	0.3%
Operating Expenses	22.61	21.76	(3.8%)	7.66	8.02	4.7%
Marketing	16.85	16.05	(4.7%)	5.82	6.12	5.1%
General and Administrative	3.16	2.97	(6.0%)	0.94	0.95	1.0%
R&D Expense	2.60	2.74	5.4%	0.90	0.95	5.9%
Total	119.37	126.14	5.7%	41.83	42.30	1.1%

Note: The calculation of growth rate is based on NT\$mn.

## Cash Flow & EBITDA Margin

	ROC GAAP (Consolidated)						
(NT\$bn)	Jan-Sep 2011	Jan-Sep 2012	Growth Rate	Q3 2011	Q3 2012	Growth Rate	
Net Cash Flow from Operating Activities	45.05	43.08	(4.4%)	19.05	15.77	(17.2%)	
CAPEX	16.58	22.56	36.0%	6.66	8.33	25.0%	
Free Cash Flow	28.47	20.52	(27.9%)	12.39	7.44	(39.9%)	
Cash and Cash Equivalent at the end of period	48.80	38.82	(20.4%)	48.80	38.82	(20.4%)	
EBITDA Margin(%)							
-Consolidated	41.42	37.95		39.38	37.25		
EBITDA Margin(%) -Parent company only	44.41	42.41		42.40	41.47		

#### Note:

- 1. The calculation of growth rate is based on NT\$mn.
- 2. Free cash flow is subtracting Capex from net cash flows from operating activities.

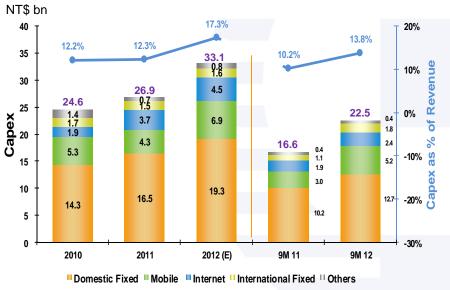
### Forecast & Operating Results

	ROC GAAP (Parent Company Only)					
(NT\$bn)	Jan-Sep 2012	2012 (E)	Achieving Rate	Q3 2012	Q3 2012 (E)	Achieving Rate
Net Revenues	141.60	188.88	75.0%	47.24	47.96	98.5%
Operating Costs and Expenses	105.91	143.75	73.7%	35.71	36.06	99.0%
Income from Operations	35.69	45.13	79.1%	11.53	11.90	96.9%
Net Income	30.96	39.18	79.0%	10.20	10.32	98.8%
EPS	3.99	5.05		1.31	1.33	
EBITDA	59.76	77.09	77.5%	19.59	19.87	98.6%
EBITDA margin (%)	42.21	40.81		41.47	41.42	

Note: These projections are based on a number of estimates and assumptions and are inherently subject to significant uncertainties and contingencies.

### Effective and Efficient Capital Expenditure

### **Capital Expenditure**



- Moderately increase mid-term capital expenditure
  - Focus on Fixed and Mobile broadband
  - Budgeted capex for 2012: NT\$33.1 bn
  - Continue to focus on core businesses for future investments
    - 2G / 3G / HSPA / HSPA+
    - FTTx
    - Wi-Fi
    - Service Platforms
    - Cloud computing

Note: Figures are on consolidated basis, except 2012 expected amount.



**Q&A** 



## Reference

### Regulatory Development

# Tariff Regulation

- Wireline and wireless tariff reduction starting from April 1, 2010 over 3 years (Please refer to reference page 23)
- NCC is drafting the next round of tariff reduction plan

Single-tariff for Fixed-line Calls

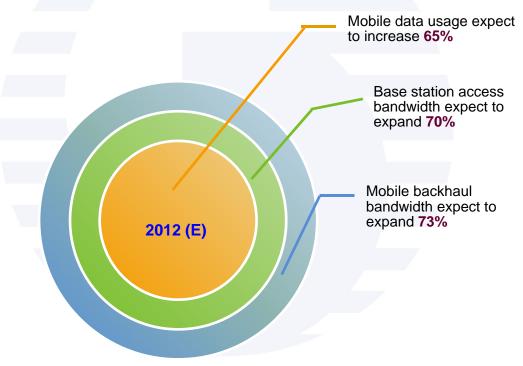
• In January 2011, Legislative Yuan resolved that NCC and CHT to propose a single tariff for island-wide fixed-line phone service, and the single tariff was effective since Jan. 1, 2012

## **Tariff Regulations**

Target	Business Operation		Applicable services	X factor	Years in effect	Formula: △CPI -X
		1	IP Peering			
SMP					1. The three year tariff reduction plan is applicable from Apr 1,	
(Significant Market	Fixed- line	3	ADSL circuit	4.816%	3	2010 to Mar 31, 2013
Power)		4	Domestic long distance call (excl. Public phone call)			
		1	Domestic SMS			<ol> <li>2. △CPI for year 2009=         <ul> <li>-0.87</li> </ul> </li> <li>3. △CPI for year 2010=         <ul> <li>0.96</li> </ul> </li> </ol>
All 2G/3G operators	Mobile	2	Off-net voice call tariffs including (1) Off-net mobile (2) Mobile to fixed calls	5%	3	<ul> <li>4. △CPI for year 2011=         <ul> <li>1.42</li> <li>5. △CPI for year 2012=             to be decided</li> </ul> </li> </ul>
		3	voice call interconnection	NCC will modify regulations or rates of voice call termination network.		_

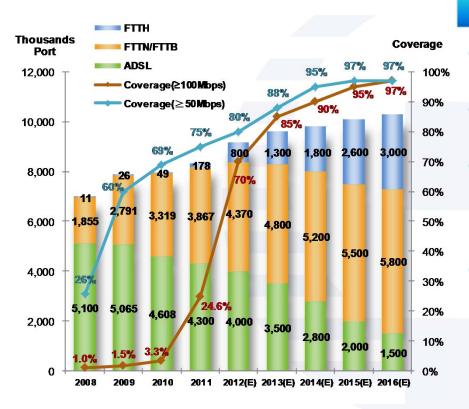
### High-quality Mobile Network Build-out

- Heterogeneous network to enhance efficiency
  - 21M HSPA+ base stations to increase to 5,000 by 2012
  - WiFi
  - Femtocell



Higher quality to meet customers' demand

### Continuing Broadband Network Construction



### Fiber Deployment Plan

- FTTx coverage (>=100M) reach 97% by 2016
- Increase FTTH construction in order to meet the demand of high speed broadband
- 1Gbps trial services has reached over 1,000 households
  - Chunghwa is one of the leading operators that provides 1Gbps residential broadband service
  - Fiber construction plan including capex will be reviewed in accordance with market demand

#### Note:

- (1) The Coverage rate is based on the household number (8.17mn) as of September 2012
- (2) Wireline: Fixed + Internet