



ADVANTECH

Hard Disk Drive (HDD)

Q3 / 2012 Roadmap

PAPS Product Management
Q3 / 2012

Info Relative to the Following Tables

96 Part Number

9	6	H	D	1	6	0	G	-	S	T	-	S	G	4	K
FORM FACTOR		CAPACITY				INTERFACE		MANUFACTURER				ROTATION SPEED			
HD=3.5" ND=2.5"		160G=160GB 250G=250GB 500G=500GB 750G=750GB 1000G=1TB 2000G=2TB 3000G=3GB 4000G=4GB				ST=SATA I=IDE=PATA SS=SAS		SG=SEAGATE WD=WESTERN DIGITAL TO=TOSHIBA				4K=4200RPM 5K=5400RPM 7K=7200RPM 10K=10000RPM			

Color / Symbol Key

Available Phasing-out Planning



New



Focus

Q3 2012 Product Updates

- Phase in WD 2.5" 5400RPM 8X5 HDDs:

P/N	Product Description	MPN
96ND750G-ST-WD5K	WD 750G 2.5" SATA 5KRPM 8MB(G)	WD7500BPVT
96ND1T-ST-WD5K	WD 1T 2.5" SATA 5KRPM 8MB(G)	WD10JPVT
96ND1T-ST-WD5KE	WD 1T 2.5" SATA 24X7 5KRPM 16MB(G)	WD10JUCT

- Phase Out Seagate 2.5" 7200RPM 500G and 750G 8X5 HDDs:

P/N	Product Description	MPN	Suggested Replacement	LTB Date	EOL Date
96ND500G-ST-SG7K3	SEAGATE 500G 2.5" SATA 7KRPM 16M(G)	ST9500423AS	96ND500G-ST-WD7K	Aug. 31, 2012	Oct. 1, 2012
96ND750G-ST-SG7K	SEAGATE 750G 2.5" SATA 7KRPM 16M(G)	ST9750420AS	96ND500G-ST-WD7K	Aug. 31, 2012	Oct. 1, 2012

- Seagate announces that 2.5" 5400RPM 250G/320G 8X5 7mm (Stapta Series) drives are extended to Q2/2013; the new version 2.5" 5400RPM 250G/320G 8X5 7mm (Yarra Series) drives will be available in Q1/2013.

3.5" SATA 7200RPM 8X5 HDD

Available Phasing-out Planning



New



Focus

250GB

96HD250G-ST-SG7K12

- SEAGATE, SATA 6Gb/s, 16MB Cache, Thickness:19.87mm

320GB



96HD320G-ST-SG7K4

- SEAGATE, SATA 6Gb/s, 16MB Cache, Thickness:19.87mm

96HD320G-ST-WD7K

- WD, SATA 6Gb/s, 16MB Cache, Thickness:26.1mm

500GB



96HD500G-ST-SG7K12

- SEAGATE, SATA 6Gb/s, 16MB Cache, Thickness:19.87mm

96HD500G-ST-WD7K2

- WD, SATA 6Gb/s, 16MB Cache, Thickness:26.1mm

1TB

96HD1000G-ST-SG7K6

- SEAGATE, SATA 6Gb/s, 64MB Cache, Thickness:26.1mm

2TB

96HD2000G-ST-SG7K2

- SEAGATE, SATA 6Gb/s, 64MB Cache, Thickness:26.1mm

Q3/2012

Q4/2012

Q1/2013

Q2/2013

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3.5" SATA 7200RPM 24X7 HDD

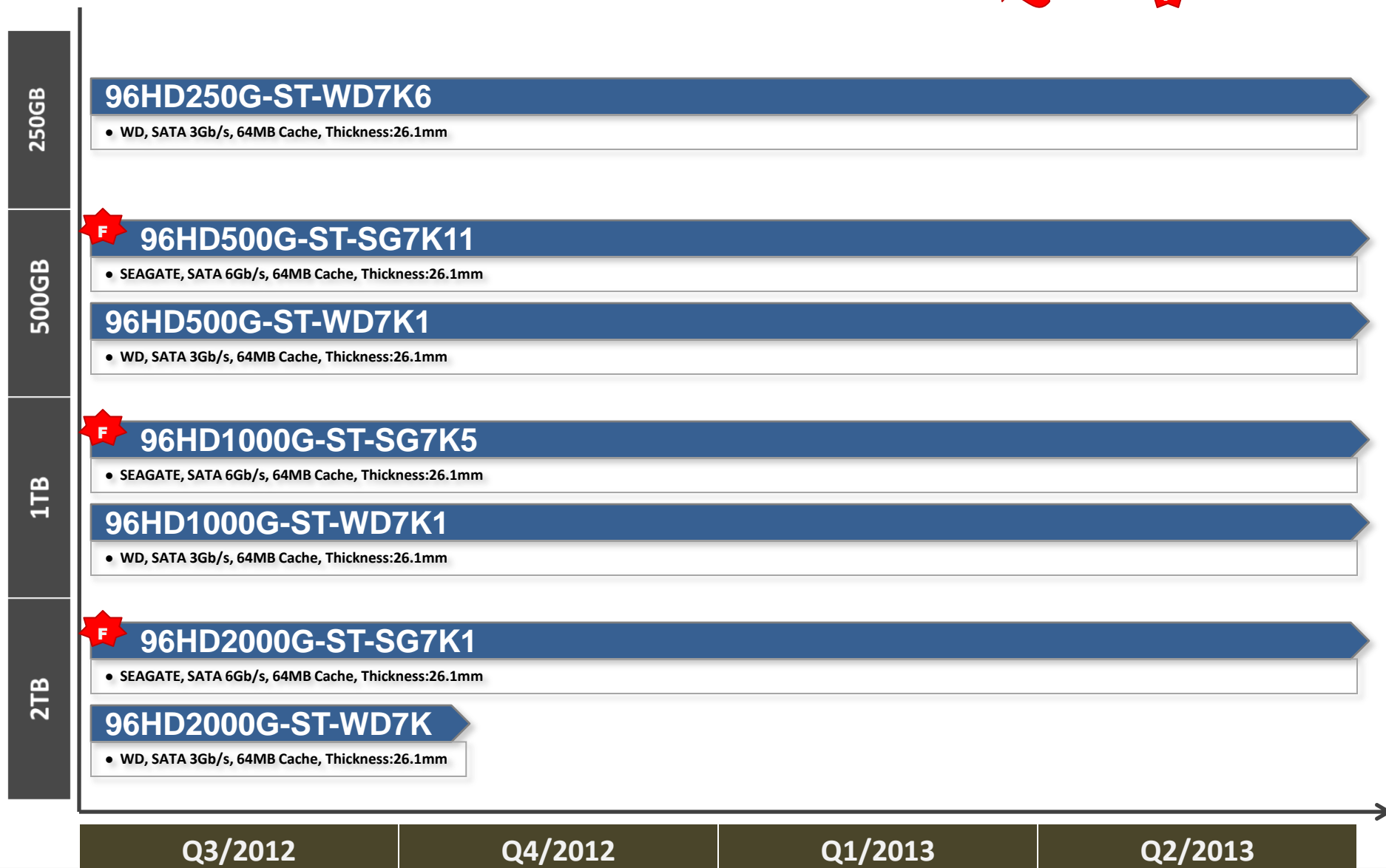
Available Phasing-out Planning



New



Focus



Q3 / 2012

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3.5" SATA 24X7 HDD

Available Phasing-out Planning



New



Focus

7200 RPM for Video Surveillance

1TB

96HD1000G-ST-SG7K7

- SEAGATE, SATA 6Gb/s, 64MB Cache, Thickness:20.17mm

2TB

96HD2000G-ST-SG7K3

- SEAGATE, SATA 6Gb/s, 64MB Cache, Thickness:26.1mm

10000 RPM

1TB

96HD1T-ST-WD10KE

- WD, SATA 6Gb/s, 64MB Cache, Thickness:26.1mm

Q3/2012

Q4/2012

Q1/2013

Q2/2013

Q3 / 2012

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2.5" SATA 5400RPM 8X5 HDD

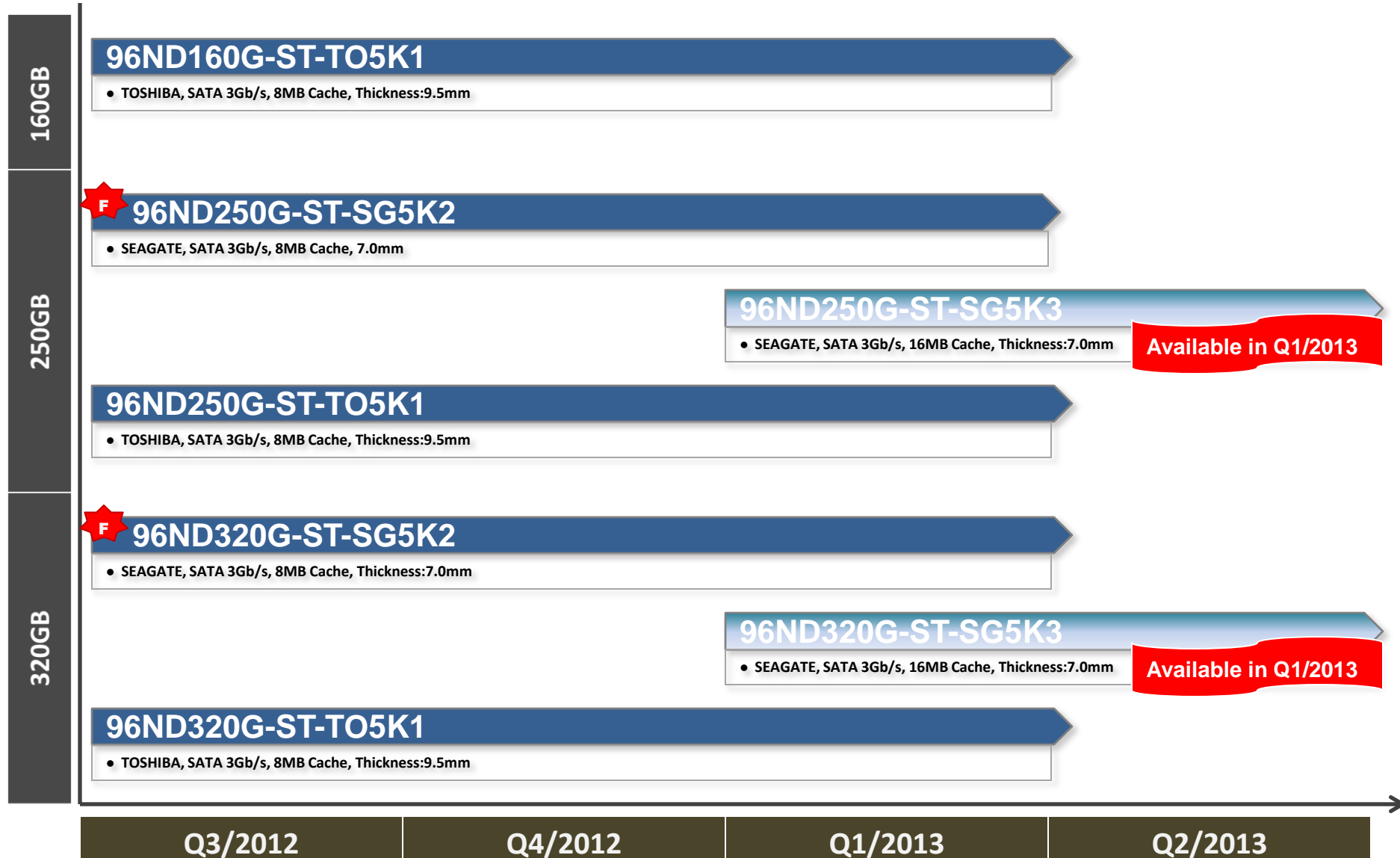
Available Phasing-out Planning



New



Focus



Q3 / 2012

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2.5" SATA 5400RPM 8X5 HDD

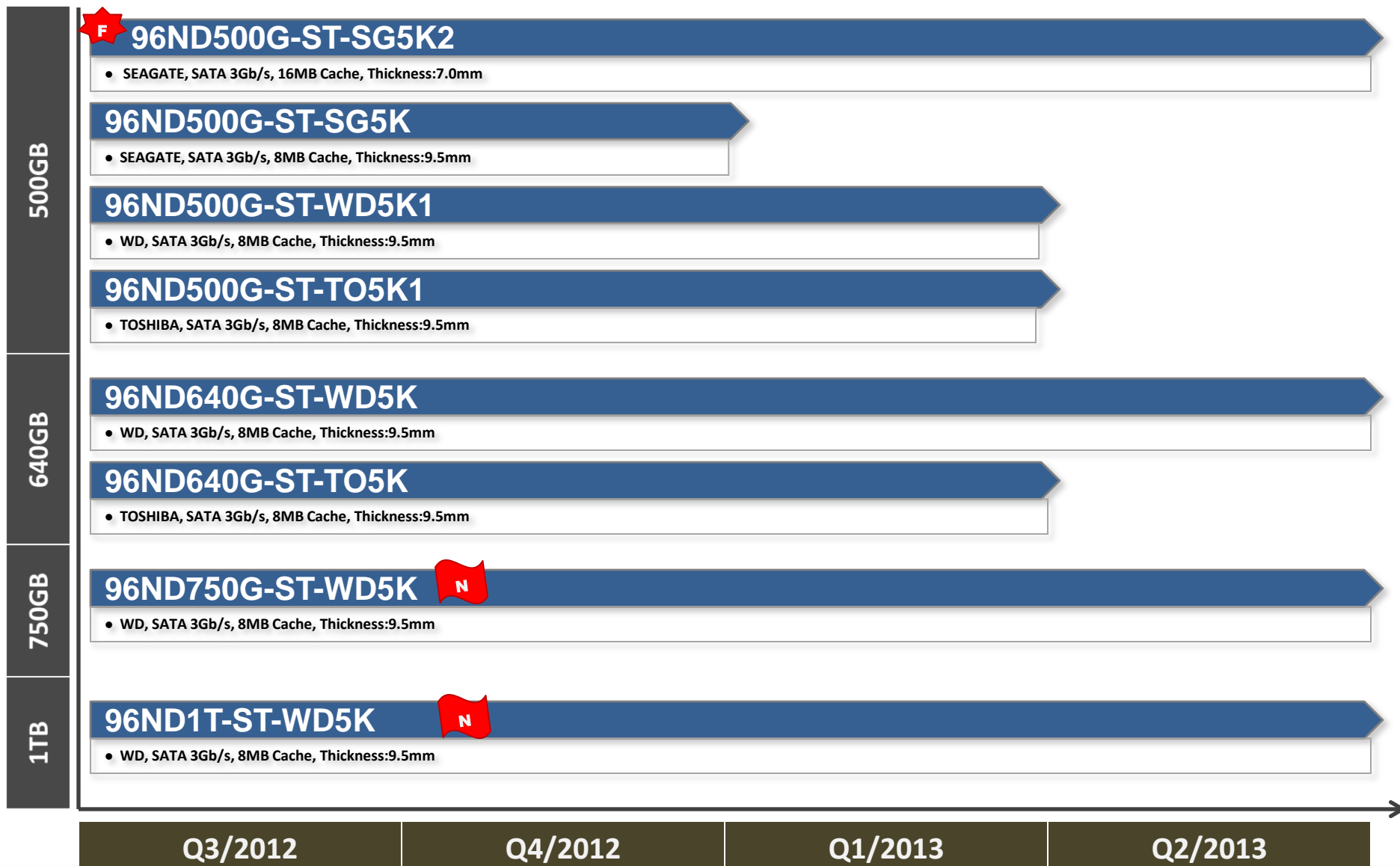
Available Phasing-out Planning



New



Focus



Q3 / 2012

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2.5" SATA 7200RPM 8X5 HDD

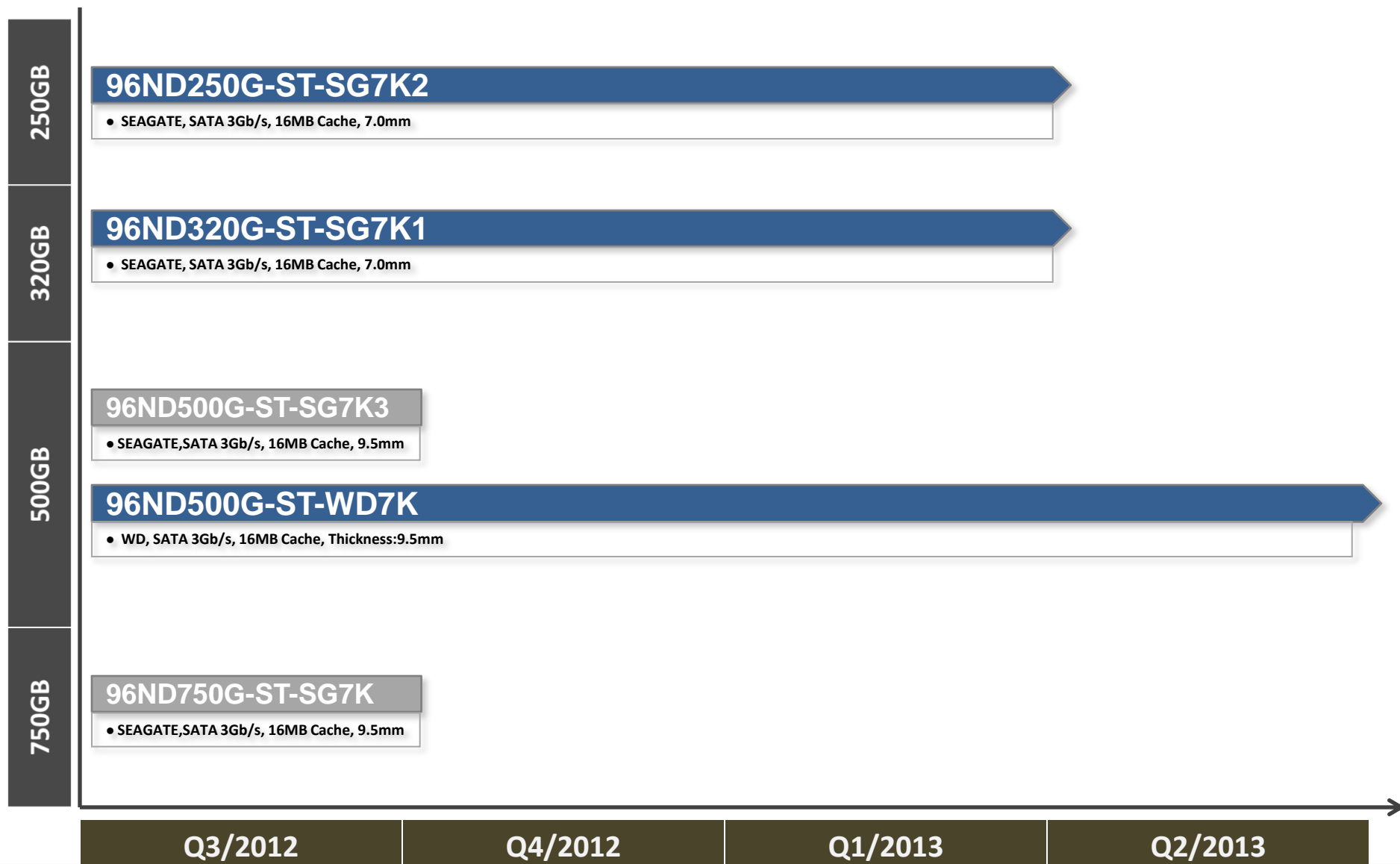
Available Phasing-out Planning



New



Focus



Q3 / 2012

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2.5" SATA 24X7 HDD

Available Phasing-out Planning



New



Focus

5400 RPM

250GB

96ND250G-ST-WD5K1

- WD, SATA 3Gb/s, 16MB Cache, Thickness:9.5mm

320GB

96ND320G-ST-WD5K1

- WD, SATA 3Gb/s, 16MB Cache, Thickness:9.5mm

500GB

96ND500G-ST-WD5K2

- WD, SATA 3Gb/s, 16MB Cache, Thickness:9.5mm

1TB

96ND1T-ST-WD5KE

- WD, SATA 3Gb/s, 16MB Cache, Thickness:9.5mm

7200 RPM

250GB

96ND250G-ST-SG7K

- SEAGATE, SATA 6Gb/s, 64MB Cache, Thickness:14.8mm

500GB

96ND500G-ST-SG7K2

- SEAGATE, SATA 6Gb/s, 64MB Cache, Thickness:14.8mm

1TB

96ND1T-ST-SG7KE

- WD, SATA 3Gb/s, 16MB Cache, Thickness:9.5mm

Q3/2012

Q4/2012

Q1/2013

Q2/2013

Q3 / 2012

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ADVANTECH

2.5" SATA 24X7 HDD

Available Phasing-out Planning



New



Focus

10000 RPM

250GB

96ND250G-ST-WD10KE

- SEAGATE, SATA 6Gb/s, 64MB Cache, Thickness:15.0mm

500GB

96ND500G-ST-WD10KE

- SEAGATE, SATA 6Gb/s, 64MB Cache, Thickness:15.0mm

1TB

96ND1T-ST-WD10KE

- SEAGATE, SATA 6Gb/s, 64MB Cache, Thickness:15.0mm

5400 RPM for Video Surveillance

500GB

96ND500G-ST-SG5K1

- SEAGATE, SATA 3Gb/s, 16MB Cache, Thickness:9.5mm

4200 RPM Wide Temperature

100GB

96ND100G-ST-TO4K

- TOSHIBA, SATA 1.5Gb/s, 68B Cache, Thickness:9.5mm, -15 to 70C

Q3/2012

Q4/2012

Q1/2013

Q2/2013

Q3 / 2012

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ADVANTECH

2.5" PATA 4200RPM Wide Temperature HDD

Available Phasing-out Planning



New



Focus

40GB

96ND40G-I-TO4K3

- TOSHIBA, PATA Ultra-100, -30 to 85C Operating Temp, 8MB cache

8 – 10 Weeks Lead Time

80GB

96ND80G-I-TO4K

- TOSHIBA, PATA Ultra-100, -30 to 85C Operating Temp, 8MB cache

8 – 10 Weeks Lead Time

Q3/2012

Q4/2012

Q1/2013

Q2/2013

Q3 / 2012

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HDD EOL Procedure

- For better support and product management, PAPS will fulfill the following HDD phase-out procedure.

