IRIS INTERNATIONAL INC Form SC 13D/A September 07, 2010

# SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13D
Under the Securities Exchange Act of 1934 (Amendment No. 2)
IRIS International, Inc.
(Name of Issuer)
Common Stock
(Title of Class of Securities)
46270W105
(CUSIP Number)
Peter D. Goldstein
GAMCO Investors, Inc.
One Corporate Center
Rye, New York 10580-1435
(914) 921-5000
(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)
September 3, 2010
(Date of Event which Requires Filing of this Statement)
If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of $\S\S 240.13d-1(e)$ , $240.13d-1(f)$ or $240.13d-1(g)$ , check the following box .

1

#### CUSIP No. 46270W105

1 Names of reporting persons

I.R.S. identification nos. of above persons (entities only)

Gabelli Funds, LLC I.D. No. 13-4044523

2 Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

- 3 Sec use only
- 4 Source of funds (SEE INSTRUCTIONS) 00-Funds of investment advisory clients
- 5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e) X
- 6 Citizenship or place of organization

New York

Number Of : 7 Sole voting power

•

Shares : 285,000 (Item 5)

Beneficially : 8

: 8 Shared voting power

· J

Owned: None

:

By Each : 9 Sole dispositive power

:

Reporting : 285,000 (Item 5)

:

Person :10 Shared dispositive power

.

With : None

.

Aggregate amount beneficially owned by each reporting person

285,000 (Item 5)

- 12 Check box if the aggregate amount in row (11) excludes certain shares (SEE INSTRUCTIONS)
- Percent of class represented by amount in row (11)

1.56%

14 Type of reporting person (SEE INSTRUCTIONS)

IA

#### CUSIP No. 46270W105

1 Names of reporting persons

I.R.S. identification nos. of above persons (entities only)

GAMCO Asset Management Inc.

I.D. No. 13-4044521

Sole dispositive power

2 Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

- 3 Sec use only
- 4 Source of funds (SEE INSTRUCTIONS) 00-Funds of investment advisory clients
- 5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)
- 6 Citizenship or place of organization

New York

Number Of : 7 Sole voting power

:

Shares : 537,795 (Item 5)

:

Beneficially : 8 Shared voting power

:

Owned : None

By Each : 9

.

Reporting : 690,795 (Item 5)

.

Person :10 Shared dispositive power

:

With : None

.

Aggregate amount beneficially owned by each reporting person

690,795 (Item 5)

- 12 Check box if the aggregate amount in row (11) excludes certain shares (SEE INSTRUCTIONS)
- Percent of class represented by amount in row (11)

3.78%

#### CUSIP No. 46270W105

1 Names of reporting persons

I.R.S. identification nos. of above persons (entities only)

Gabelli Securities, Inc.

I.D. No. 13-3379374

2 Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

- 3 Sec use only
- 4 Source of funds (SEE INSTRUCTIONS)

00 – Client funds

- 5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)
- 6 Citizenship or place of organization

Delaware

Number Of : 7 Sole voting power

:

Shares : 23,400 (Item 5)

Shared voting power

Sole dispositive power

Beneficially : 8

:

Owned: None

By Each : 9

By Each . 7

23,400 (Item 5)

Person :10

Shared dispositive power

.

With : None

.

Aggregate amount beneficially owned by each reporting person

23,400 (Item 5)

Reporting

- 12 Check box if the aggregate amount in row (11) excludes certain shares (SEE INSTRUCTIONS)
- Percent of class represented by amount in row (11)

0.13%

Type of reporting person (SEE INSTRUCTIONS)
HC, CO, IA

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- 1 Names of reporting persons
  - I.R.S. identification nos. of above persons (entities only)

MJG Associates, Inc.

I.D. No. 06-1304269

2 Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

- 3 Sec use only
- 4 Source of funds (SEE INSTRUCTIONS) 00-Client Funds
- 5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)
- 6 Citizenship or place of organization

Connecticut

Number Of : 7 Sole voting power

.

Shares : 9,100 (Item 5)

•

Beneficially : 8 Shared voting power

.

Owned: None

:

By Each : 9 Sole dispositive power

:

Reporting : 9,100 (Item 5)

:

Person :10 Shared dispositive power

.

With : None

11 Aggregate amount beneficially owned by each reporting person

9,100 (Item 5)

- 12 Check box if the aggregate amount in row (11) excludes certain shares (SEE INSTRUCTIONS)
- Percent of class represented by amount in row (11)

0.05%

14 Type of reporting person (SEE INSTRUCTIONS)

CO

#### CUSIP No. 46270W105

1 Names of reporting persons

I.R.S. identification nos. of above persons (entities only)

Teton Advisors, Inc.

I.D. No. 13-4008049

2 Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

- 3 Sec use only
- 4 Source of funds (SEE INSTRUCTIONS)

00 - Funds of investment advisory clients

- 5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)
- 6 Citizenship or place of organization

Delaware

Number Of : 7 Sole voting power

:

Shares : 356,075 (Item 5)

01 1 11

Shared voting power

Beneficially : 8

•

Owned : None

By Each : 9

Sole dispositive power

Reporting

356,075 (Item 5)

Person :10

Shared dispositive power

With : None

.

Aggregate amount beneficially owned by each reporting person

356,075 (Item 5)

- 12 Check box if the aggregate amount in row (11) excludes certain shares (SEE INSTRUCTIONS)
- Percent of class represented by amount in row (11)

1.95%

14 Type of reporting person (SEE INSTRUCTIONS)

IA, CO

CUSIP No. 1	Names of reporting persons I.R.S. identification nos. of above persons (entities only) GGCP, Inc. No. 13-3056041 Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)									
	(b)									
3	Sec use only									
4	Source of funds (SEE INSTRUCTIONS) None									
5	Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)									
6	Citizenship or place of organization New York									
	Number Of	: 7 ·	Sole vo	ting power						
	Shares	: :	None	(Item 5)						
	Beneficially	•								
	Owned									
	By Each									
	Reporting									
	Person									
	With									