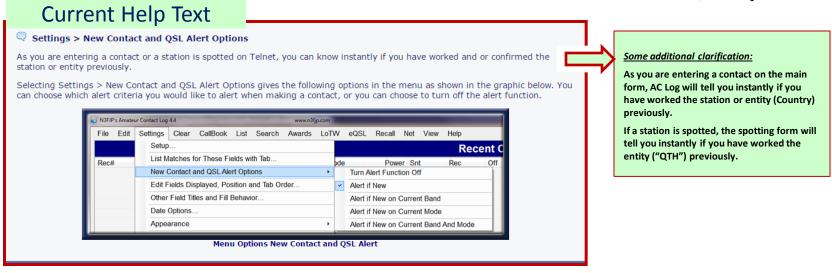# N3FJP AC Log Alert Options

This information was put together by W1DYJ in order to help me understand how the Spotting Function in AC Log behaves, base on the selection of the QSL Alert option. Hopefully it will be useful to others as well.

W1DYJ, Larry Banks

Current Help Text

Settings > New Contact and QSL Alert Options

As you are entering a contact or a station is spotted on Telnet, you can know instantly if you have worked and or confirmed the station or entity previously.

Selecting Settings > New Contact and QSL Alert Options gives the following options in the menu as shown in the graphic below. You can choose which alert criteria you would like to alert when making a contact, or you can choose to turn off the alert function.

Menu Options New Contact and QSL Alert

Some additional clarification:

As you are entering a contact on the main form, AC Log will tell you instantly if you have worked the station or entity (Country) previously.

If a station is spotted, the spotting form will tell you instantly if you have worked the entity ("QTH") previously.

The Spotting Forms Setup [Settings > DX Spotting > Configure] for the W1DYJ data shown on the following pages was:

- Main DX Spotting Setup form: Display spots from all continents
- DX Filter Settings Form [Click on **More Filtering** on Main form]:
  - Your Continent (➔ *for my location, only reports from North American stations will be spotted*)
  - Mode Filter: No Filter (➔ *both SSB and CW will be spotted*)
  - Enable 80, 40, 20, 15, 10, 6, 2 (➔ *only these bands will be spotted*)
  - Block spots if entity confirmed on both band and mode (➔ *important to limit spots reported. See explanation to the right.*)

Filter Explanation

This filter was designed with the contesting software in mind to block specific calls where the station would be considered a duplicate. I've modified the implementation for AC Log, so that instead of the call sign, the DX entity, band, mode and confirmation status are checked. Enabling this filter will block DX entities that have been confirmed in your log on the specific band and mode spotted.

Please note that if your New Contact and QSL Alert options in the Settings menu are set to anything other than band AND mode, you will still see DX spots described as confirmed. This indicates that you have the entity confirmed on another band or mode, but you don't have them confirmed on the band and mode on which it is now being spotted, so go ahead and work them!

N3FJP AC Log Alert Options

Option: Alert if New

DX Spots Large Window

W1DYJ log data for listed stations

Highlights the current log data that determines status

Example: 15 CW Moldova: Confirmed on 40, 20, 15 (any band)

Alert if New →

Status for QTH is…
- **New:** has not logged a contact on any band
- **Unconfirmed**: has not confirmed a contact on any band
- **Confirmed**: has a confirmed contact on any band

Call	Band	Mode	QTH	Status	B
ER3GQ	15	CW	Moldova	Confirmed	
TA2ES	10	CW	Turkey	Confirmed	
7X3WPL	10	CW	Algeria	Confirmed	
E21EIC/8	15	CW			
6Y5WJ	10	CW	Jamaica	Confirmed	
7X3WPL	10	CW	Algeria	Confirmed	
6Y5WJ	10	CW	Jamaica	Confirmed	
K5YAA/BAT	20	CW	China	New!	
SV1AVT	10	CW	Greece	Confirmed	
SP9YFF	10	CW	Poland	Confirmed	
FS5PL	10	SSB	Saint Martin	Confirmed	
9H3PA	15	SSB	Malta	Confirmed	
N2MM	15	CW	USA	Confirmed	
HS0ZLM	15	CW	Thailand	Confirmed	
E21EIC/8	15	CW			
TC3P	15	SSB	Turkey	Confirmed	
8P6DR	10	CW	Barbados	Confirmed	

Spot	Entity	Unconfirmed on	Confirmed on
15 CW	Moldova	10 CW	**40,20,15** SSB
10 CW	Turkey	none	**20,10** SSB / **20** CW
10 CW	Algeria	40 CW	**20,10** SSB
15 CW	*unknown*		
10 CW	Jamaica	40,20,15,10 CW	**40,20,15,10** SSB
10 CW	*Algeria*	*see above*	
10 CW	*Jamaica*	*see above*	
20 CW	China	none	none
10 CW	Greece	40 CW	**40,20,17,15,10** SSB
10 CW	Poland	80,10 CW	**80,40,20,15,10** SSB / **40,20,15** CW
10 SSB	St Martin	none	**15** SSB
15 SSB	Malta	10 SSB	**17** SSB
15 CW	USA	2 CW	*all but* **30** SSB / *all but* **30,15,12,6,2** CW
15 CW	Thailand	none	**15** SSB
15 CW	*unknown*		
15 CW	Turkey	none	**20,10** SSB / **20** CW
10 CW	Barbados	none	**40,20,15,10,6** SSB

Note: Status is:

New *if entity is not worked on* __any band__
Unconfirmed *if entity is worked but not confirmed on* __any band__
Confirmed *if entity is confirmed on* __any band__

Use if you are working toward DXCC for the first time where every new entity is needed. Pursue the **New** stations.

NOTE: An **entity** will not be listed in the **DX spots window** (or band map, which is not discussed here) if the **entity** has been **logged and confirmed** on the *band and mode* listed, and the associated filter [*Block spots for DX entities where the entity has been confirmed on both that band and mode (CW & PH)*] on the *DX Filter Settings* form is checked.

N3FJP AC Log Alert Options

Option: Alert if New on Current Band

DX Spots Large Window

Alert if New on Current Band→

Status for QTH is…

• **New:** has not logged a contact on listed band (any mode)

• **Unconfirmed**: has not confirmed a contact on listed band (any mode)

• **Confirmed**: has a confirmed contact on listed band (any mode)

Call	Band	Mode	QTH	Status
K5YAA/PLA	20	CW	Indonesia	New!
K5YAA/PLA	20	CW	Indonesia	New!
EG90IARU/5	10	CW		
ER1OO	15	CW	Moldova	Confirmed
YF1AR/4	20	CW		
9H5BZ	10	SSB	Malta	Unconfirm...
EG90IARU/5	10	CW		
YF1AR/4	20	CW		
9H5BZ	10	SSB	Malta	Unconfirm...
EG90IARU/5	10	CW		
9H5BZ	10	SSB	Malta	Unconfirm...
SV9RNG	15	CW	Crete	Confirmed
NO5W/FRA	20	CW	Reunion I.	Unconfirm...
8P6DR	10	CW	Barbados	Confirmed
K5P	15	CW	USA	Confirmed
9H5BZ	10	SSB	Malta	Unconfirm...
W7WW	15	CW	USA	Confirmed

Use if you are working toward DXCC on a particular band. Pursue the **New** stations for that band. If you are not sure the **Unconfirmed** stations will respond to your LoTW entry or your QSL card, pursue those as well.

W1DYJ log data for listed stations

Highlights the current log data that determines status

Example: 20 CW Indonesia: Confirmed on 15 but not 20

Spot	Entity	Unconfirmed on	Confirmed on
20 CW	Indonesia	none	15 SSB
10 CW	Indonesia	see above	
10 CW	unknown		
15 CW	Moldova	10 CW	40,20,**15** SSB
10 CW	unknown		
10 SSB	Malta	**10** SSB	17 SSB
10 CW	unknown		
20 CW	unknown		
10 SSB	Malta	see above	
10 CW	unknown		
10 SSB	Malta	see above	
15 CW	Crete	none	40,20,**15**,10 SSB
20 CW	Reunion I.	**20** SSB	10 SSB
10 CW	Barbados	none	40,20,15,**10**,6 SSB
15 CW	USA	2 CW	*all but* **30** SSB / *all but* 30,15,12,6,2 CW
10 SSB	Malta	see above	
15 CW	USA	see above	

Note: Status is:

> **New** – if entity is not worked on *listed band*
>
> **Unconfirmed** – if entity is worked but not confirmed on *listed band*
>
> **Confirmed** – if entity is confirmed on *listed band*

NOTE: An **entity** will not be listed in the **DX spots window** (or band map, which is not discussed here) if the **entity** has been **logged and confirmed** on the *band and mode* listed, and the associated filter [**Block spots for DX entities where the entity has been confirmed on both that band and mode (CW & PH)**] on the *DX Filter Settings* form is checked.

N3FJP AC Log Alert Options

Option: Alert if New on Current Mode

DX Spots Large Window

Alert if New on Current Mode→
Status for QTH is...
- **New:** has not logged a contact for listed mode(any band)
- **Unconfirmed**: has not confirmed a contact for listed mode(any band)
- **Confirmed**: has a confirmed contact for listed mode(any band)

Call	Band	Mode	QTH	Status	E
VP8LP	6	SSB	Falkland Is.	Confirmed	
S58M	15	CW	Slovenia	Confirmed	
AM690VQ	10	CW	Balearic Is.	Confirmed	
6W1SR	6	SSB	Senegal	Confirmed	
VP8LP	6	SSB	Falkland Is.	Confirmed	
VP8LP	6	SSB	Falkland Is.	Confirmed	
VP8LP	6	SSB	Falkland Is.	Confirmed	
K5YAA/BUC	20	CW	Taiwan	New!	
K5YAA/BUC	40	CW	Taiwan	New!	
LU3XX	6	SSB	Argentina	Confirmed	
K5YAA/PLA	40	CW	Indonesia	New!	
SX150ITU	10	CW	Greece	Unconfirm...	
VP8LP	6	SSB	Falkland Is.	Confirmed	
6W1SR	6	SSB	Senegal	Confirmed	
4L1BR	20	CW	Georgia	New!	
FG4NO	10	CW	Guadeloupe	Unconfirm...	
A92AA	20	CW	Bahrain	New!	

Use if you are working toward DXCC on a particular mode. Pursue the **New** stations for that mode. If you are not sure the **Unconfirmed** stations will respond to your LoTW entry or your QSL card, pursue those as well.

W1DYJ log data for listed stations

Highlights the current log data that determines status

Example: 6 SSB Falkland Is: Confirmed on SSB

Spot	Entity	Unconfirmed on	Confirmed on
6 SSB	Falkland Is.	none	20 SSB
15 CW	Slovenia	80,20,15 CW	40,20,15,10 SSB / 40,10 CW
10 CW	Balearic Is.	15,10 CW	40,20,15,10 SSB / 20 CW
6 SSB	Senegal	none	20 SSB
6 SSB	*Falkland Is.*	*see above*	
6 SSB	*Falkland Is.*	*see above*	
6 SSB	*Falkland Is.*	*see above*	
20 CW	Taiwan	none	none
40 CW	Taiwan	none	none
6 CW	Argentina	20 CW	40,20,15,10 SSB / 15,10 CW
40 CW	Indonesia	none	15 SSB
10 CW	Greece	40 CW	40,20,17,15,10 SSB
6 SSB	*Falkland Is.*	*see above*	
6 SSB	Senegal	none	20 SSB
20 CW	Georgia	20 SSB	
10 CW	Guadeloupe	15,10 SSB / 10 CW	20,17,10 SSB
20 CW	Bahrain	none	20 SSB

Note: Status is:
- **New** – *if entity is not worked on* _listed mode_
- **Unconfirmed** – *if entity is worked but not confirmed on* _listed mode_
- **Confirmed** – *if entity is confirmed on* _listed mode_

NOTE: An **entity** will not be listed in the **DX spots window** (or band map, which is not discussed here) if the **entity** has been **logged and confirmed** on the *band and mode* listed, and the associated filter [**Block spots for DX entities where the entity has been confirmed on both that band and mode (CW & PH)**] on the _DX Filter Settings_ form is checked.

N3FJP AC Log Alert Options

Option: Alert if New on Current Band and Mode

DX Spots Large Window

Alert if New on Current Band and Mode→

Status for QTH is…
- **New:** has not logged a contact for listed mode and band
- **Unconfirmed**: has not confirmed a contact for listed mode and band
- **Confirmed**: has a confirmed contact for listed mode and band

Call	Band	Mode	QTH	Status
LU1YT	6	CW	Argentina	New!
VP8VHF/B	6	CW	Falkland Is.	New!
VP8LP	6	SSB	Falkland Is.	New!
LU7YS/B	6	CW	Argentina	New!
K7TQ	15	CW	USA	New!
TR8CA	15	SSB	Gabon	New!
PU8YPL	6	SSB	Brazil	New!
HG7T	15	CW	Hungary	Unconfirm...
JY9FC	20	CW	Jordan	New!
VP8LP	6	SSB	Falkland Is.	New!
VP8LP	6	SSB	Falkland Is.	New!
PU8YPL	6	SSB	Brazil	New!
VP8LP	6	SSB	Falkland Is.	New!
HG7T	15	CW	Hungary	Unconfirm...
VP8LP	6	SSB	Falkland Is.	New!
TR8CA	15	SSB	Gabon	New!
S51TA	15	CW	Slovenia	Unconfirm...

Use if you are working toward DXCC on a particular band and mode. Pursue the **New** stations for that combination. If you are not sure the **Unconfirmed** stations will respond to your LoTW entry or your QSL card, pursue those as well.

W1DYJ log data for listed stations

Highlights the current log data that determines status

Example: 6 CW Argentina: Confirmed on CW, but not on 6M

Spot	Entity	Unconfirmed on	Confirmed on
6 CW	Argentina	20 CW	40,20,15,10 SSB / 15,10 CW
6 CW	Falkland Is.	none	20 SSB
6 SSB	Falkland Is.	none	20 SSB
6 CW	Argentina	see above	
15 CW	USA	2 CW	all but 30 SSB / all but 30,15,12,6,2 CW
15 SSB	Gabon	none	none
6 SSB	Brazil	20,15 CW	40,20,15,10 SSB / 10 CW
15 CW	Hungary	80,40,15 CW	80,40,20,15,10 SSB / 20,10 CW
20 CW	Jordan		20 SSB
6 SSB	Falkland Is.	see above	
6 SSB	Falkland Is.	see above	
6 SSB	Brazil	see above	
6 SSB	Falkland Is.	see above	
15 CW	Hungary	see above	
6 SSB	Falkland Is.	see above	
15 SSB	Gabon	see above	
15 CW	Slovenia	80,20,15 CW	40,20,15,10 SSB / 40,10 CW

Note: Status is:

    New – *if entity is not worked on both listed band and mode*

    Unconfirmed – *if entity is worked but not confirmed on both listed band and mode*

    Confirmed – *if entity is confirmed on both listed band and mode*

NOTE: An **entity** will not be listed in the **DX spots window** (or band map, which is not discussed here) if the **entity** has been **logged and confirmed** on the *band and mode* listed, and the associated filter [*Block spots for DX entities where the entity has been confirmed on both that band and mode (CW & PH)*] on the *DX Filter Settings* form is checked.

N3FJP AC Log Alert Options

Option: Alert if New on Current Band and Mode
To see the effect of:
Block spots if entity confirmed on both band and mode *is unchecked* on the DX Filter Setting form

DX Spots Large Window

Alert if New on Current Band and Mode→

Status for QTH is...

• **New:** has not logged a contact for listed mode and band

• **Unconfirmed:** has not confirmed a contact for listed mode and band

• **Confirmed:** has a confirmed contact for listed mode and band

Call	Band	Mode	QTH	Status
TK90IARU	15	SSB	Corsica	Confirmed
FR4QT	10	SSB	Reunion I.	Confirmed
OA4B/B	10	CW	Peru	New!
RU3GF	15	SSB	European Russia	Confirmed
ZS6DN/B	10	CW	South Africa	Confirmed
3XY5M	10	CW	Guinea	New!
KW5HP	15	SSB	USA	Confirmed
LX9LARU	15	SSB	Luxembourg	Confirmed
R120RM	15	SSB	European Russia	Confirmed
HS3VXP	15	CW	Thailand	New!
YB200T	15	SSB	Indonesia	Confirmed
IS0BSR	10	SSB	Sardinia	Confirmed
LX9LARU	15	SSB	Luxembourg	Confirmed
LX9LARU	15	SSB	Luxembourg	Confirmed
3XY5M	10	CW	Guinea	New!
W2RME/50	10	CW		
SV9RNG	15	CW	Crete	New!

W1DYJ Log data for listed stations

Spot	Entity	Status	Unconfirmed on	Confirmed on
15 SSB	Corsica	Correct	none	40,20,**15**,10 **SSB** / 20 CW
10 SSB	Reunion I.	Correct	20 SSB	**10 SSB**
10 CW	Peru	Correct	none	20,15,**10** SSB
15 SSB	Eur. Russia	Correct	none	40,20,17,**15**,10 **SSB** / 40,20,15 CW
10 CW	South Africa	Correct	40 CW	20,15,10 SSB / 20,15,**10 CW**
10 CW	Guinea	Correct	none	none
15 SSB	USA	Correct	2 CW	*all but* **30 SSB** / all but 30,15,12,6,2 CW
15 SSB	Luxembourg	Correct	none	40,20,**15**,10 **SSB** / 40,20,10 CW
15 SSB	Eur Russia	*see above*		
15 CW	Thailand	Correct	none	**15** SSB
15 SSB	Indonesia	Correct	none	**15 SSB**
10 SSB	Sardinia	Correct	none	20,**10 SSB**
15 SSB	Luxembourg	*see above*		
15 SSB	Luxembourg	*see above*		
10 CW	Guinea	*see above*		
10 CW	Unknown			
15 CW	Crete	Correct	none	40,20,**15**,10 SSB

Note: Status is:

New – *if entity is not worked on both listed band and mode*

Unconfirmed – *if entity is worked but not confirmed on both listed band and mode*

Confirmed – *if entity is confirmed on both listed band and mode*

Spots listed above and highlighted in RED would not be there if **Block spots if entity confirmed on both band and mode** was checked

N3FJP AC Log Alert Options

Summary

The behavior of the spotting form is affected by the QSO Alert Functions. Here is a table that describes this behavior:

Alert Option	New	Unconfirmed	Confirmed
	Entity ("QTH") is not worked on	*Entity ("QTH") is worked but not confirmed on*	*Entity ("QTH") is confirmed on*
Alert if New (on Any Band)	Any band	Any band	Any band
Alert if New on Current Band (any mode)	Listed band	Listed band	Listed band
Alert if New on Current Mode (any band)	Listed mode	Listed mode	Listed mode
Alert if New on Current Band and Mode	Both listed band and mode	Both listed band and mode	Both listed band and mode

Note that checking the **Block spots if entity confirmed on both band and mode** on the DX Filtering Form will limit listed spots to those entities ("QTH") you <u>have not worked</u> on that band and mode.

Operating Hint

I change the placement of the columns on the DX Spots Large form based on which Alert Option I am using.

Example: When using **New on Current Mode** I place the Mode and Status first →

Mode	Status	QTH	Band	Call
SSB	Confirmed	Italy	80	IK4GRO
SSB	Confirmed	Greece	80	SV2CCR
CW	New!	China	15	BA6IV
CW	Confirmed	Japan	15	JA8AHA
CW	Unconfirmed!	Iceland	20	TF3JB
CW	Confirmed	Japan	15	JA2DXB
SSB	Confirmed	USA	70	KB9LRT
CW	Unconfirmed!	Algeria	40	7X4AN
SSB	Confirmed	USA	70	N4PZ
SSB	Confirmed	India	20	AT150ITU
CW	Confirmed	Asiatic Russia	15	UA9UDR
CW	New!	Philippines	10	N7ET/DU7
CW	New!	China	15	BD1IIJ
CW	New!	Kyrgyzstan	20	EX7MK
CW	New!	Tajikistan	20	EY7AD
CW	New!	Micronesia	10	V6Z
CW	New!	Micronesia	10	V6Z