

BAH Implementation

Foundation Setup

1. Source Data

The following web site contains the source data used to populate these records. All of the records are effective dates.

Record	Description
CG_BAH_MHA_TBL	This record contains a listing of Military Housing Area (MHA) and a description for the MHA.
CG_BAH_MHA_ZIP	This record contains a listing of ZIP Codes and the MHA servicing the ZIP Code.
CG_BAH_RATES	This record contains a listing

<http://www.defensetravel.dod.mil/site/pdcFiles.cfm?dir=/Allowances/BAH/ASCII/>

Down load the Source files for each of the above Source Data records and save the files your computer's Desk Top.

The following series of screen captures walk the operator through the File Download process:

For 2012, here is the initial down load page:

http://www.defensetravel.dod.mil/site/pdcFiles.cfm?dir=/Allowances/BAH/ASCII/

File Edit View Favorites Tools Help

Browse Allowances and Travel Regulations Files

 **DEFENSE TRAVEL MANAGEMENT OFFICE**
THE DoD CENTER FOR TRAVEL EXCELLENCE

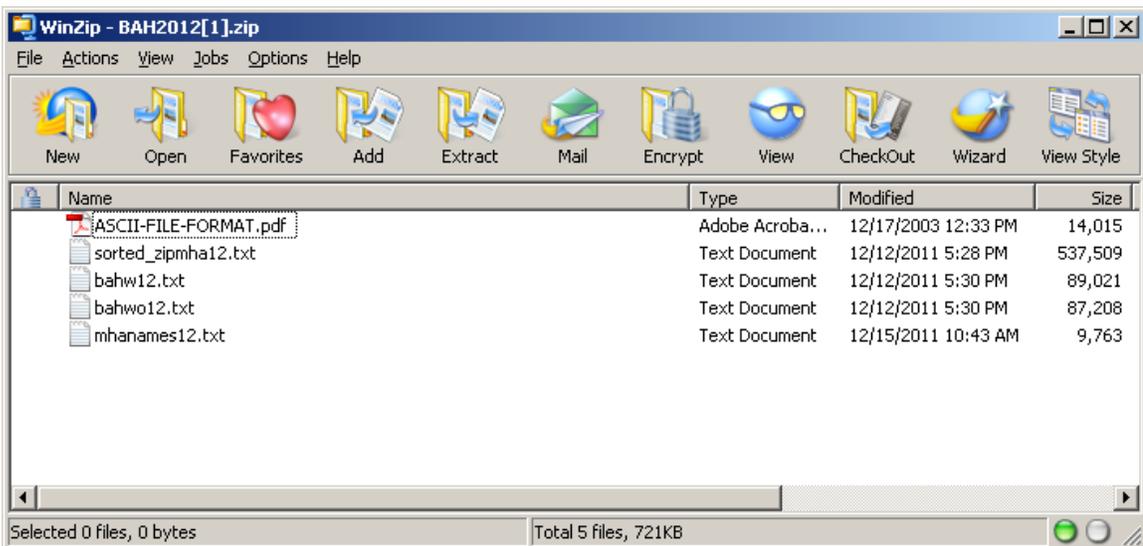
Browse Allowances Tables and Regulations Files

- pdc-archive
 - Allowances
 - + Appendix_J_Overseas_COLA_Tables
 - + Appendix_K_OHA_Tables
 - BAH
 - ASCII
 - + 1998
 - + 1999
 - + 2000
 - + 2001
 - + 2002
 - + 2003
 - + 2004
 - + 2005
 - + 2006
 - + 2007
 - + 2008
 - + 2009
 - + 2010
 - + 2011
 - 2012
 - BAH2012.zip
 - + Component_Breakdown
 - + PDF

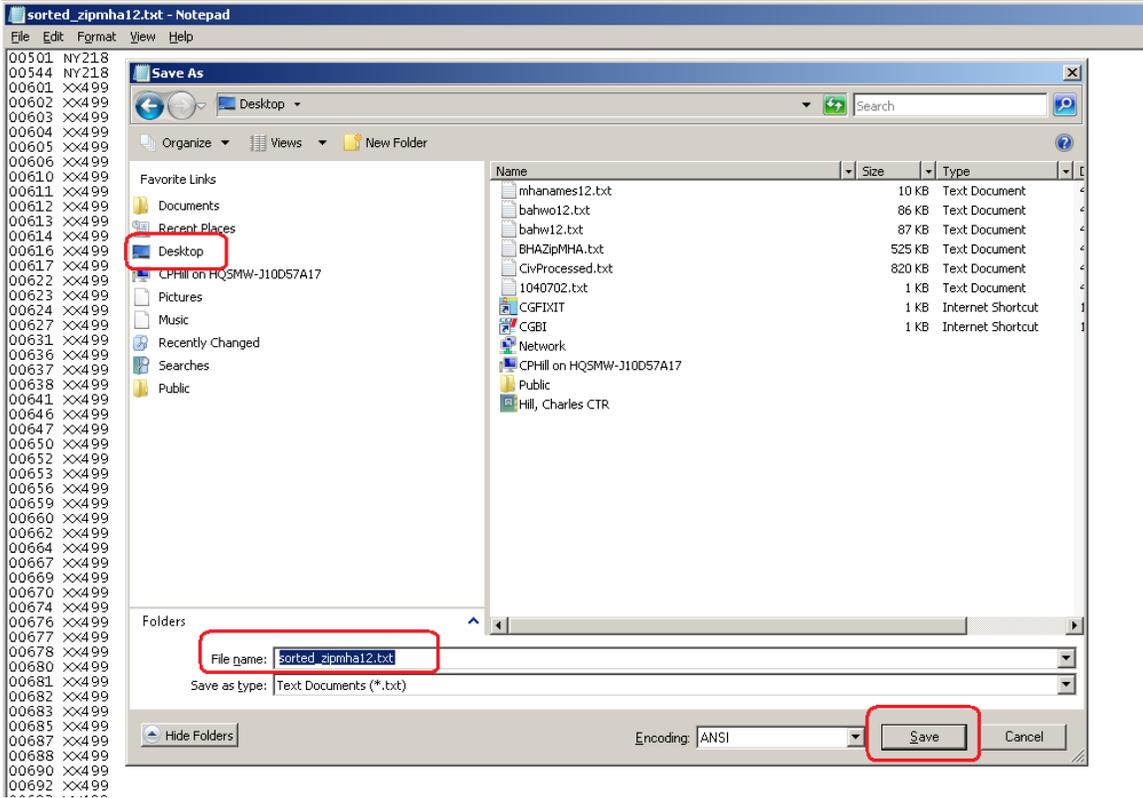
Click on the BAH2012.zip hypertext link and the following page is displayed:



Click on the [Open] Hypertext link and the following page is displayed.



One at a time, click on each file name and save the file to your desk top. Below is an example for the sorted_zipmha12.txt file. I did not include the examples for all files. But each process follows the same procedure.



2. Establishing the Effective Date for Source Data in Step 1 above.

The effective date used for processing is stored in the CG Constant Table record, PS_CG_CONSTANT_TBL. The table is initially seeded with the value 01/01/2012.

The SQL Statement describes how to populate the Constant Table record.

NOTE: The format of the date in the Constant Table MUST be YYYYMMDD – others the programs populating the Source Data tables above will return an error.

```
delete from sysadm.ps_cg_constant_tbl
where cg_func_area_cd = 'GP'
and CG_CONSTANT_NAME = 'BAH EFFECTIVE DATE';
```

```
insert into sysadm.ps_cg_constant_tbl values ('GP','BAH EFFECTIVE DATE','20140101','','');
```

```
commit;
```

```
select KEY1
from sysadm.ps_cg_constant_tbl
where cg_func_area_cd = 'GP'
and CG_CONSTANT_NAME = 'BAH EFFECTIVE DATE'
/
```

3. Quarter Status Record

The following SQL*Plus Statement populates the Quarter Status Record:

```
@ "M:\joint_files\Global Payroll\AD\Design Documents\Earnings and Deductions\BAH\Implementation\popBAHQtrStatus.sql
```

Populating GP Foundation/Setup Tables from the Source Data

The CG's Inbound File Interface component is used to load to the Source Data Records. The navigation path to the Inbound File Interface component is –

Main Menu > Global Payroll & Absence Mgmt > USCG Payroll Interfaces > Inbound File Interfaces

The Component features a standard Run Control Search Dialogue Box. Either use an existing Run Control ID or create a new Run Control ID. The following page is displayed following the selection of the Run Control ID. The following table details values to be entered for the File Handle and Attachment columns. Please note the file name column refers to the file name down loaded from the DoD Website documented in Step 1 above.

File Handle	File Name (Step 1 Above)	Description
MT	MhanamesYY.txt where YY is the Year the data relates to, in 2012, the file name would be mhanames12.txt.	Expects the File Attached will be a MHA/Description Record. The layout of the record is described in the Source Data section above.
MZ	Sorted_zipmhaYY.txt where YY is the Year the data relates to, in 2012, the file name would be sorted_zipmha1212.txt.	Expects the File Attached will be a MHA ZIP Code file. The layout for this record is described in the Source Data section above.
BW	bahwYY.txt where YY is the Year the data relates to, in 2012, the file name would be bahw12.txt.	Expects the File Attached is a BAH with file in the format published in the Source Data section.
BO	bahwoYY.txt where YY is the Year the data relates to, in 2012, the file name would be bahwo12.txt.	Expects the File Attached is a BAH without file in the format published in the Source Data section.
NL	NonLocalityBAH.csv	The Non Locality based BAH file is more complicated to produce because the source data is published as PDF vs. an ASCII text file. Please refer to Appendix A – Non Locality Based BAH for a discussion on how to produce the file. This file includes Pay Grade From O10 – E1. In Direct Access, the field for Pay Grade is three characters, so on the E1 < or > 4 months row, they are implemented as: E1 > 4 as E1G (G means Greater) E1 < 4 as E1L (L means Less) There are columns for Partial,

		Differential and Reserve Component Transit (RC/T) with and without dependents.
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These values are used on the page associated with the navigation path above.

[Favorites](#) |
 [Main Menu](#) >
 [Global Payroll & Absence Mgmt](#) >
 [USCG Payroll Interfaces](#) >
 [Inbound File Interfaces](#)

Inbound Interface

Run Control ID: BAH

[Report Manager](#) |
 [Process Monitor](#)

Customize Find First 1 of 1 Last					
*File Handle	Attached File	Add Attachment	Delete Attachment		
1 <input type="text" value="BHW"/>	bahw12.bt	<input type="button" value="Add Attachment"/>	<input type="button" value="Delete Attachment"/>	<input type="button" value="+"/>	<input type="button" value="-"/>

|
 |
 |
 |
 |
 |

Enter a File Handle to dictate how the attached file is processed.

Click on the [Add Attachment] Push Button:

The screenshot shows the Oracle Inbound File Interfaces application. The breadcrumb navigation is: Favorites > Main Menu > Global Payroll & Absence Mgmt > USCG Payroll Interfaces > Inbound File Interfaces. The page title is "Inbound Interface".

Run Control ID: BAH Report Manager Process Monitor **Run**

*File Handle	Attached File	Add Attachment	Delete Attachment		
1	BW	bahw12.bt	Add Attachment	Delete Attachment	+ -

File Attachment dialog box:

Text input field: _____ **Browse...**

Upload **Cancel**

Bottom navigation: Save Return to Search Previous in List Next in List Notify Add Update/Display

The screenshot shows a Windows File Explorer window titled "Choose file" with the path "Desktop". The file list contains the following items:

Name	Size	Type	Date modified
ahawm12.txt	10 KB	Text Document	4/10/2012 10:30 PM
bahw12.txt	89 KB	Text Document	4/10/2012 5:52 PM
bfazppr.ac.txt	325 KB	Text Document	4/10/2012 4:55 PM
CvProcessed.txt	820 KB	Text Document	4/5/2012 1:04 PM
1040702.txt	1 KB	Text Document	4/3/2012 5:04 AM
IncidentPickup.asp	113 KB	WebPage	3/28/2012 1:10 PM
intg.sql	7 KB	SQL File	3/28/2012 5:11 PM
Coast Guard Disability and VA Offset.doc	5,073 KB	Microsoft Office Word Document	3/28/2012 2:03 PM
AC_Pd2_M_row_1_15001.csv	1,075 KB	Microsoft Office Excel 2003 Spreadsheet	3/23/2012 3:56 PM
EG_SHOUP_Updates.sql	11 KB	SQL File	3/21/2012 3:38 PM
Personnel.csv	1 KB	Microsoft Office Excel 2003 Spreadsheet	3/20/2012 2:54 PM
Person.csv	1 KB	Microsoft Office Excel 2003 Spreadsheet	3/20/2012 2:44 PM
AC_CIV_1200_v2.csv	81 KB	Microsoft Office Excel 2003 Spreadsheet	3/20/2012 2:02 PM
AC_CIV_1200_v2.csv.bak	81 KB	BAK File	3/7/2012 3:09 PM
qajkrow.exe - Shortcut	2 KB	Shortcut	10/13/2011 4:55 PM
qajkrow.exe - Shortcut	2 KB	Shortcut	10/13/2011 4:26 PM
desktop.ini	1 KB	Configuration Settings	10/19/2009 8:48 AM
TrustLevelDesktopValidator	2 KB	Shortcut	1/18/2012 3:00 PM

The file "bahw12.txt" is selected. The "File name" field at the bottom contains "bahw12.txt" and the "Open" button is highlighted.

Press the [Open] Push Button to return the file name to the Add Attachment/Upload Page. Then, press the [Upload] Push Button to load the file into the Global Payroll Environment.

Click on the [Run] Push Button to import the data.

The screenshot shows the Oracle Inbound File Interfaces page. The breadcrumb trail is: Favorites | Main Menu > Global Payroll & Absence Mgmt > USCG Payroll Interfaces > Inbound File Interfaces. The page title is 'Inbound Interface'. Below the title, the 'Run Control ID' is 'BAH'. There are links for 'Report Manager' and 'Process Monitor'. A 'Run' button is highlighted with a red box. Below this is a table with columns: *File Handle, Attached File, Add Attachment, and Delete Attachment. The table contains one row with '1' in the first column, 'BW' in the second, 'bahw12.bt' in the third, and buttons for 'Add Attachment' and 'Delete Attachment' in the fourth. At the bottom of the page, there is a toolbar with buttons: Save, Return to Search, Previous in List, Next in List, Notify, Add, and Update/Display.

*File Handle	Attached File	Add Attachment	Delete Attachment
1	BW	bahw12.bt	Add Attachment Delete Attachment

Then click check box next the Load Files into GP and click on the [OK] to run the process to load the data:

Process Scheduler Request

User ID: CHILL Run Control ID: BAH

Server Name: Run Date: 

Recurrence: Run Time:

Time Zone: 

Select	Description	Process Name	Process Type	*Type	*Format	Distribution
<input type="checkbox"/>	CGINBNDBENEF	CGINBNDBENEF	Application Engine	Web	TXT	Distribution
<input type="checkbox"/>	Load Travel Charge Card File	CGLOADCREDIT	Application Engine	Web	TXT	Distribution
<input type="checkbox"/>	Create Official CG Org Tree	CG_DEPT_ORG	Application Engine	Web	TXT	Distribution
<input checked="" type="checkbox"/>	Load Files into GP	CG_GP_LD_FLS	Application Engine	Web	TXT	Distribution
<input type="checkbox"/>	PAL Spreadsheet Load	CG_PAL_SP_LD	Application Engine	Web	TXT	Distribution
<input type="checkbox"/>	CG_TNOC_PROC	CG_TNOC_PROC	Application Engine	Web	TXT	Distribution
<input type="checkbox"/>	VADC COLA Process	CG_VADC_COLA	Application Engine	Web	TXT	Distribution
<input type="checkbox"/>	Load VA file for comparison	CG_VA_IMPORT	Application Engine	Web	TXT	Distribution
<input type="checkbox"/>	VA Special Law Code (SLC06)	CG_VA_SLC06	Application Engine	Web	TXT	Distribution

Appendix A – Non Locality Based BAH

The Non Locality based BAH file is more complicated to produce because the source data is published as PDF vs. an ASCII text file. This file includes Pay Grade From O10 – E1. In Direct Access, the field for Pay Grade is three characters, so on the E1 < or > 4 months row, they are implemented as:

E1 > 4 as E1G (G means Greater)

E1 < 4 as E1L (L means Less)

There are columns for Partial, Differential and Reserve Component Transit (RC/T) with and without dependents.

The following link navigates the user the Non Locality Based BAH –

<http://www.defensetravel.dod.mil/site/pdcFiles.cfm?dir=/Allowances/BAH/ASCII/>

An image of the screen is on the next page.

Since the Non Locality BAH Rates are stored as a PDF there is a requirement to transform the BAH rates into a CSV file. This can be accomplished in one of two ways:

1. Enter the data into a Spreadsheet and save as a CSV or
2. Cut and paste the PDF data into a text editor, like UltraEdit, format the data, open the data in a spreadsheet, and save it as a CSV.
3. REMEMBER – there can be NO COMMAS in the data below.

Regardless of the method used to create the file – the end result is to produce a file in the following format:

Grade	Partial	BAH RCT W	BAH RCT WOut	Differential
O10	50.70	1428.00	1756.50	324.90
O9	50.70	1428.00	1756.50	324.90
O8	50.70	1428.00	1756.50	324.90
O7	50.70	1428.00	1756.50	324.90
O6	39.60	1309.50	1581.30	269.10
O5	33.00	1260.90	1524.30	259.80
O4	26.70	1168.20	1343.70	172.80
O3	22.20	936.90	1111.80	172.50
O2	17.70	742.50	948.60	203.70
O1	13.20	636.90	849.30	220.50
O3E	22.20	1011.00	1194.90	181.20
O2E	17.70	859.50	1078.20	216.60
O1E	13.20	747.60	996.60	254.10
W5	25.20	1187.10	1297.50	108.00
W4	25.20	1053.90	1189.20	132.90
W3	20.70	886.50	1090.20	201.00
W2	15.90	786.30	1001.70	212.40
W1	13.80	659.40	867.00	205.50
E9	18.60	865.50	1141.20	271.50
E8	15.30	795.00	1052.70	254.40

E7	12.00	732.90	977.10	294.30
E6	9.90	677.40	902.70	284.40
E5	8.70	609.00	812.10	242.10
E4	8.10	529.80	705.90	209.40
E3	7.80	492.60	656.40	171.30
E2	7.20	469.50	625.80	229.20
E1G	6.90	469.50	625.80	271.50
E1L	6.90	469.50	625.80	271.50

