

# RADIO FIX AND HOLDING DATA RECORD

NAME: BOANE

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 475906.00N/1224331.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
STAR

USE TITLE  
MARNR (RNAV)

FAC

PAT

AIRPORT IDENT  
KSEA

CITY  
SEATTLE

STATE  
WA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/13/2014

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/26/2014

OFFICE: AJV-354

NAME: STEPHEN PETERSON

APPROVED BY:

DATE: 11/13/2014

OFFICE: AJV-354

NAME: JILL OLSON

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZSE  
ATC FACILITY: SEA APP CON  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: BUHNR

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 481018.00N/1225327.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE  
DP  
STAR

USE TITLE  
KLSHN (RNAV)  
MARNR (RNAV)

FAC

PAT

AIRPORT IDENT  
KBLI  
KSEA

CITY  
BELLINGHAM  
SEATTLE

STATE  
WA (US)  
WA (US)

REQUIRED CHARTING: DP, STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 06/15/2023

**REASON FOR REVISION:**

1. ADDED DP KLSHN (RNAV) AT KBLI TO FIX USE.
2. REQUIRED CHARTING UPDATE: ADDED DP. CONTROLLER LOW ADDED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: KWEKU DONKOR

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** EMMSS

**STATE:** WA

**COUNTRY:** US

**ICAO REGION CODE:** K1

**LATITUDE/LONGITUDE:** 471759.17N/1222758.32W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

**USE TYPE**  
STAR

**USE TITLE**  
MARNR (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**  
KSEA

**CITY**  
SEATTLE

**STATE**  
WA (US)

**REQUIRED CHARTING:** STAR

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 07/21/2016

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 03/15/2016

**OFFICE:** AJV-5442

**NAME:** JEFF ANDERSON (JACOB MAXFIELD)

**APPROVED BY:**

**DATE:** 05/23/2016

**OFFICE:** AJV-5430

**NAME:** LONNIE EVERHART

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**  
**FPO:** WST  
**ARTCC:** ZSE  
**ATC FACILITY:** SEA APP CON  
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: GRIFY

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 474609.02N/1222407.43W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

## PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	NW		WP	318.00	138.00	R	5	6000 6000	6 6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (53-000084)	474604.92N/1222110.03W	933	1D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

ACTUAL FIX COORDINATES: 474609.020N/1222407.426W  
PAT 1 FOR LOST COMMUNICATIONS ONLY FOR HAWKS STAR AT KSEA PER ATC.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (RNP) M RWY 16R			KSEA	SEATTLE	WA (US)
IAP	ILS OR LOC RWY 16C			KSEA	SEATTLE	WA (US)
IAP	ILS OR LOC RWY 16L			KSEA	SEATTLE	WA (US)
IAP	ILS OR LOC RWY 16R			KSEA	SEATTLE	WA (US)
IAP	ILS RWY 16C (CAT II & III)			KSEA	SEATTLE	WA (US)
IAP	ILS RWY 16C (SA CAT I)			KSEA	SEATTLE	WA (US)
IAP	ILS RWY 16L (CAT II & III)			KSEA	SEATTLE	WA (US)
IAP	ILS RWY 16L (SA CAT I)			KSEA	SEATTLE	WA (US)
IAP	ILS RWY 16R (CAT II & III)			KSEA	SEATTLE	WA (US)
IAP	ILS RWY 16R (SA CAT I)			KSEA	SEATTLE	WA (US)
IAP	RNAV (GPS) Y RWY 16C			KSEA	SEATTLE	WA (US)
IAP	RNAV (GPS) Y RWY 16L			KSEA	SEATTLE	WA (US)
IAP	RNAV (GPS) Y RWY 16R			KSEA	SEATTLE	WA (US)
IAP	RNAV (RNP) Z RWY 16C			KSEA	SEATTLE	WA (US)
IAP	RNAV (RNP) Z RWY 16L			KSEA	SEATTLE	WA (US)
IAP	RNAV (RNP) Z RWY 16R			KSEA	SEATTLE	WA (US)
STAR	HAWKZ (RNAV)		1	KSEA	SEATTLE	WA (US)
STAR	MARNR (RNAV)			KSEA	SEATTLE	WA (US)

REQUIRED CHARTING: STAR, IAP, SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 07/11/2024

## REASON FOR REVISION:

- ADDED PAT 1, ASSOCIATED CONTROLLING OBSTACLE, RESTRICTION AND REMARKS.
- FIX USE: ADDED PAT 1 TO STAR HAWKZ (RNAV) AT KSEA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: JIGEB

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 481354.19N/1230131.69W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	VICTORIA	YYJ	VOR/DME	H	131.20	148.20	34.93	34.93	5400	17500
2	PENN COVE	CVV	VOR/DME	VL	247.42	266.42	12.10	12.10	5400	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	SW	CVV	VOR/DME	247.42	067.42	R	1	5400 10000	6 17

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	480727.00N/1230727.00W	371	4E
1	310	AAO	480242.00N/1232257.00W	2809	4E

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.  
PAT 1 DME REQUIRED FOR HOLDING.

## REMARKS:

PENN COVE (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
1. C-I-H PAT 1 OBSTACLE LOCATED 4,593 FEET INTO SECONDARY AREA (PRI EQ 2117).  
2. PAT 1 REQUIRES DME FROM CVV VOR/DME TO AVOID USING CANADIAN NAVAID AND LARGER C-I-H TEMPLATE ASSOCIATED WITH INTERSECTION HOLDING.  
3. PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER CYA 102 AND/OR CHINOOK B MOA.  
4. PRECIPITOUS TERRAIN EVALUATION COMPLETE.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	T/O MINS	2		KNOW	PORT ANGELES	WA (US)
EN ROUTE	V495	1, 2				(US)
IAP	ILS OR LOC RWY 9	2	1	KCLM	PORT ANGELES	WA (US)
IAP	RNAV (GPS) RWY 9			KCLM	PORT ANGELES	WA (US)
IAP	RNAV (GPS)-A			0S9	PORT TOWNSEND	WA (US)
STAR	MARNR (RNAV)			KSEA	SEATTLE	WA (US)

REQUIRED CHARTING: DP, STAR, IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 05/16/2024

## REASON FOR REVISION:

1. REMOVED FAC CL FROM FIX MAKE UP FACILITIES.  
2. REMOVED FAC CL FROM ESV.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: BRITNEY ARMENTROUT

APPROVED BY:

DATE: 03/21/2024

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: LOOOO

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 480714.00N/1232259.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
STAR

USE TITLE  
MARNR (RNAV)

FAC

PAT

AIRPORT IDENT  
KSEA

CITY  
SEATTLE

STATE  
WA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/13/2014

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/26/2014

OFFICE: AJV-354

NAME: STEPHEN PETERSON

APPROVED BY:

DATE: 11/13/2014

OFFICE: AJV-354

NAME: JILL OLSON

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZSE  
ATC FACILITY: SEA APP CON  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** NEHOS

**STATE:** WA

**COUNTRY:** US

**ICAO REGION CODE:** K1

**LATITUDE/LONGITUDE:** 475525.82N/1222814.21W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

**USE TYPE**  
STAR

**USE TITLE**  
MARNR (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**  
KSEA

**CITY**  
SEATTLE

**STATE**  
WA (US)

**REQUIRED CHARTING:** STAR

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 11/13/2014

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 06/26/2014

**OFFICE:** AJV-354

**NAME:** STEPHEN PETERSON

**APPROVED BY:**

**DATE:** 11/13/2014

**OFFICE:** AJV-354

**NAME:** JILL OLSON

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**

**FPO:** WST

**ARTCC:** ZSE

**ATC FACILITY:** SEA APP CON, SEA TOWER

**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ORCUS **STATE:** WA **COUNTRY:** US **ICAO REGION CODE:** K1

**LATITUDE/LONGITUDE:** 482039.54N/1230744.01W **TYPE:** WP, DME

**AIRSPACE DOCKET:** 20-AAL-15 **FIX TYPE OF ACTION:** NO CHANGE

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	VICTORIA	YYJ	VOR/DME	H	131.20	148.20	27.00	27.00	5400	45000

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

**PATTERNS:**

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	W		WP	253.65	073.65	L	4	4400 8000	8 9

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER	482739.00N/1232225.00W	450	4D

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 ATC REQUESTED

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J502	1				(US)
EN ROUTE	Q902					(US)
EN ROUTE	T328					(US)
EN ROUTE	V495	1				(US)
IAP	RNAV (GPS) RWY 34			KORS	EASTSOUND	WA (US)
IAP	RNAV (GPS)-A			KORS	EASTSOUND	WA (US)
IAP	RNAV (GPS) RWY 7		1	KNUW	OAK HARBOR	WA (US)
IAP	RNAV (GPS) RWY 7			KOKH	OAK HARBOR	WA (US)
STAR	JAWBN	1		KBFI	SEATTLE	WA (US)
STAR	JAWBN	1		KSEA	SEATTLE	WA (US)
STAR	MARNR (RNAV)			KSEA	SEATTLE	WA (US)
STAR	JAWBN	1		KTCM	TACOMA	WA (US)

**REQUIRED CHARTING:** STAR, MILITARY IAP, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 8

**DATE OF REVISION:** 10/07/2021

**REASON FOR REVISION:**

AIRSPACE DOCKET: CHANGED 17-ANM-24 TO 20-AAL-15.  
 HOLDING RESTRICTIONS: ADDED HOLDING LIMITED TO ESTABLISHED PATTERN.  
 FIX USE: ADDED Q902. ADDED PAT 1 TO KNUW RNAV (GPS) RWY 7.  
 REQUIRED CHARTING: ADDED MILITARY IAP.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** BARRY SMITH

**APPROVED BY:**

**DATE:** 03/02/2021

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** PNELA

**STATE:** WA

**COUNTRY:** US

**ICAO REGION CODE:** K1

**LATITUDE/LONGITUDE:** 475529.99N/1224448.58W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

**USE TYPE**  
STAR

**USE TITLE**  
MARNR (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**  
KSEA

**CITY**  
SEATTLE

**STATE**  
WA (US)

**REQUIRED CHARTING:** STAR

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 11/13/2014

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 06/26/2014

**OFFICE:** AJV-354

**NAME:** STEPHEN PETERSON

**APPROVED BY:**

**DATE:** 11/13/2014

**OFFICE:** AJV-354

**NAME:** JILL OLSON

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**  
**FPO:** WST  
**ARTCC:** ZSE  
**ATC FACILITY:** SEA APP CON  
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: SHIPZ

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 472129.06N/1222756.51W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**REMARKS:**

IPDS CALCULATED COORDINATES: 472129.058N/1222756.512W

**FIX USE:**

**USE TYPE**

SPECIAL IAP

IAP

IAP

STAR

**USE TITLE**

RNAV (RNP) M RWY 34L

RNAV (RNP) Z RWY 34C

RNAV (RNP) Z RWY 34L

MARNR (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**

KSEA

KSEA

KSEA

KSEA

**CITY**

SEATTLE

SEATTLE

SEATTLE

SEATTLE

**STATE**

WA (US)

WA (US)

WA (US)

WA (US)

REQUIRED CHARTING: STAR, IAP, SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 10/15/2015

**REASON FOR REVISION:**

FIX MOVED FROM 472120.03N/1222756.59W 915 FEET NORTH ON THE MARNR STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/11/2015

OFFICE: AJV-354

NAME: SCOTT STEVENSON

APPROVED BY:

DATE: 08/17/2015

OFFICE: AJV-354

NAME: JILL OLSON

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZSE

ATC FACILITY: SEA APP CON

OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: TATOOSH VORTAC

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 481759.64N/1243737.36W

TYPE:

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	TATOOSH	TOU	VORTAC	VH							45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PORTLAND			KPDJ	PORTLAND	OR (US)
DP	YELM			KOLM	OLYMPIA	WA (US)
DP	SEATTLE			KSEA	SEATTLE	WA (US)
EN ROUTE	J501					(US)
EN ROUTE	J523					(US)
EN ROUTE	J54					(US)
EN ROUTE	T257					(US)
EN ROUTE	T268					(US)
EN ROUTE	V4					(US)
IAP	ILS OR LOC RWY 9			KCLM	PORT ANGELES	WA (US)
STAR	JAWBN			KBFI	SEATTLE	WA (US)
STAR	JAWBN			KSEA	SEATTLE	WA (US)
STAR	MARNR (RNAV)			KSEA	SEATTLE	WA (US)
STAR	ARRIE			KTCM	TACOMA	WA (US)
STAR	JAWBN			KTCM	TACOMA	WA (US)

REQUIRED CHARTING: DP, STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 01/25/2024

## REASON FOR REVISION:

1. UPDATED FIX USE FROM ILS OR LOC RWY 8 TO ILS OR LOC RWY 9.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: CASEY HILL

APPROVED BY:

DATE: 08/09/2022

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: UNITT

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 473430.20N/1222749.34W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
STAR

USE TITLE  
MARNR (RNAV)

FAC

PAT

AIRPORT IDENT  
KSEA

CITY  
SEATTLE

STATE  
WA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/13/2014

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/26/2014

OFFICE: AJV-354

NAME: STEPHEN PETERSON

APPROVED BY:

DATE: 11/13/2014

OFFICE: AJV-354

NAME: JILL OLSON

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZSE  
ATC FACILITY: SEA APP CON, SEA TOWER  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: VEGGN

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 474317.78N/1223351.33W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:  
USE TYPE  
STAR

USE TITLE  
MARNR (RNAV)

FAC

PAT

AIRPORT IDENT  
KSEA

CITY  
SEATTLE

STATE  
WA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/13/2014

**REASON FOR REVISION:**

UPDATED FIX COORDINATES; FIX MOVED 1.51NM NORTHWEST (FIX NAME RETAINED PER ATC REQUEST).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/26/2014

OFFICE: AJV-354

NAME: STEPHEN PETERSON

APPROVED BY:

DATE: 11/13/2014

OFFICE: AJV-354

NAME: JILL OLSON

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZSE  
ATC FACILITY: SEA APP CON  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** WUBET

**STATE:** WA

**COUNTRY:** US

**ICAO REGION CODE:** K1

**LATITUDE/LONGITUDE:** 472807.90N/1222752.92W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** MODIFY

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**  
**USE TYPE**  
STAR

**USE TITLE**  
MARNR (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**  
KSEA

**CITY**  
SEATTLE

**STATE**  
WA (US)

**REQUIRED CHARTING:** STAR

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 11/13/2014

**REASON FOR REVISION:**

UPDATED FIX COORDINATES; FIX MOVED 0.18NM WEST.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 06/26/2014

**OFFICE:** AJV-354

**NAME:** STEPHEN PETERSON

**APPROVED BY:**

**DATE:** 11/13/2014

**OFFICE:** AJV-354

**NAME:** JILL OLSON

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**  
**FPO:** WST  
**ARTCC:** ZSE  
**ATC FACILITY:** SEA APP CON, SEA TOWER  
**OTHER:**