NAME: CSMOS	: CSMOS			COUNTRY: US	ICAO REGION CODE: P			
LATITUDE/LONG	TUDE: 594034.90N/14329	931.48W	TYPE: WP					
AIRSPACE DOCK	ET: 23-AAL-28	FIX TYPE OF ACTI	ON: ESTABLISH					
HOLDING:		HOLDING TYPE OF	ACTION:					
FIX USE: USE TYPE EN ROUTE	USE TITLE Q801	FAC PAT	AIRPORT IDEN	іт сітү	STATE (US)			
REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH								
COMPULSORY R	EPORTING POINT: NO							
RECORD REVISIO	NNNMBER: ORIG	DATE OF REVISION:	10/31/2024					
INITIATED BY:	DATE:	ORGANIZATION:		NAME:				
OFFICE OF PRIM	ARY RESPONSIBILITY:			NAME: BARRY SMITH				
APPROVED BY:	DATE: 10/31/202	4 OFFICE: AJV	-A423	NAME: ALLAN WILL				
	SIGNATURE:	<i>Digitally signed by</i> DAVID DANNER May 23, 2024						

QUALITY 25 CHECKED

NAME: ECTOF			STATE: OR	COUNTRY: US	ICAO REGION CODE: K1			
LATITUDE/LONG	ITUDE: 441049.55N/12318	57.87W	TYPE: WP					
AIRSPACE DOCK	KET : 23-AAL-28	FIX TYPE OF ACTI	ON: ESTABLISH					
HOLDING:		HOLDING TYPE OF	ACTION:					
FIX USE: USE TYPE EN ROUTE EN ROUTE	USE TITLE Q1 Q801	FAC PAT	AIRPORT IDEN	т сітү	STATE (US) (US)			
REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH								
COMPULSORY R	EPORTING POINT: NO							
RECORD REVISION	ON NUMBER: ORIG	DATE OF REVISION:	10/31/2024					
INITIATED BY:	DATE:	ORGANIZATION:		NAME:				
OFFICE OF PRIM	ARY RESPONSIBILITY:	AJV-A423		NAME: BARRY SMITH				
APPROVED BY:	DATE: 10/31/2024	OFFICE: AJV	/-A423	NAME: ALLAN WILL				
	OIONATORE.	Digitally signed by DAVID DANNER May 23, 2024						

QUALITY
25
CHECKED

	RAD	IO FIX		HOLD	ING D	ΑΤΑ	RECOR	D	
NAME: EEVER				ST	ATE: AK		COUNTRY: U	IS ICAO REGI	ON CODE: PA
LATITUDE/LONGITUD	DE: 543501.79N/1330	554.23W		TY	' PE: WP, II	NT, DME			
AIRSPACE DOCKET:	23-AAL-28	FD	X TYPE OF A	ACTION: N	IO CHANG	Ε			
FIX MAKE-UP FACILI FAC NAME	TIES:	IDENT	ТҮРЕ	CLAS	S MAG	TRUE	DME	DIST FROM FAC	MRA MAA
1 SANDSPIT 2 ANNETTE ISLA		YZP ANN	VOR/DME VOR/DME	н		BRG 330.73 242.12		NM FEET 92.21 60.03	12000 45000 12000 45000
FAC IDENT FA					CE 61	MIN AL	TITUDE 12000	MAX ALTIT 1	'UDE 4700
HOLDING:		но		E OF ACTI	ON: NO CI	HANGE			
REMARKS: SANDSPIT (FAC 1) AN FIX EEVER PLACED C	ID ANNETTE ISLAND ON U.S. BORDER BO	(FAC 2) U UNDARY.	SED TO ES	TABLISH F	FIX COORE	DINATES).		
EN ROUTE J5 EN ROUTE Q8 EN ROUTE T7	SE TITLE 501 801 719 440		FAC 1, 2 1, 2	PAT A	IRPORT ID)ENT (СІТҮ		STATE (US) (US) (US) (US)
REQUIRED CHARTING: EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH									
COMPULSORY REPO	RTING POINT: NO								
RECORD REVISION N	IUMBER: 1	DATE		ON: 10/31	/2024				
REASON FOR REVISI AIRSPACE DOCKET: (FIX USE: ADDED Q80	CHANGED 21-AAL-40) TO 23-AA	L-28.						
INITIATED BY:	DATE:	ORG	ANIZATION:			NAM	ME:		
OFFICE OF PRIMARY	RESPONSIBILITY:		AJV-A42	3		NAM	ME: BARRY SI	MITH	
APPROVED BY:	DATE: 10/31/202	4	OFFICE:	AJV-A423	3	NAM	ME: ALLAN WI	ILL	
	SIGNATURE:	Digitally s DAVID D May 23	ANNER						

QUALITY 25 CHECKED

NAME: FELIX			STATE: OR	COUNTRY: US	ICAO REGION CODE: K1			
LATITUDE/LONG	ITUDE: 431913.98N/123053	9.51W	TYPE: WP					
AIRSPACE DOCH	KET: 23-AAL-28	FIX TYPE OF ACTI	ON: ESTABLISH					
HOLDING:		HOLDING TYPE OF	ACTION:					
FIX USE: USE TYPE EN ROUTE EN ROUTE	USE TITLE Q3 Q801	FAC PAT		іт сітү	STATE (US) (US)			
REQUIRED CHAP	RTING: EN ROUTE HIGH, C	ONTROLLER HIGH						
COMPULSORY R	EPORTING POINT: NO							
RECORD REVISI	ON NUMBER: ORIG	DATE OF REVISION:	10/31/2024					
INITIATED BY:	DATE:	ORGANIZATION:		NAME:				
OFFICE OF PRIM	ARY RESPONSIBILITY:	AJV-A423		NAME: BARRY SMITH				
APPROVED BY:	DATE: 10/31/2024	OFFICE: AJV	-A423	NAME: ALLAN WILL				
	OIGHATORE.	igitally signed by AVID DANNER May 23, 2024						

RADIO FIX AND HOLDING DATA RECORD									
NAME: HARPR				STATE: OR	COUNTRY: US	ICAO REGION CODE: K1			
LATITUDE/LONG	GITUDE: 422850.00N/1225	301.54W		TYPE: WP					
AIRSPACE DOC	KET: 23-AAL-28	FIX TYPE OF		NO CHANGE					
HOLDING:		HOLDING TY	ACTION: NO CHANG	E					
FIX USE: USE TYPE DP EN ROUTE EN ROUTE	USE TITLE BERNI (RNAV) Q5 Q801	FAC	ΡΑΤ	Airport ident Khio	CITY PORTLAND	STATE OR (US) (US) (US)			
REQUIRED CHA	RTING: DP, EN ROUTE H	IGH, CONTROLLER H	ligh						
COMPULSORY F	REPORTING POINT: NO								
RECORD REVISI	ON NUMBER: 2	DATE OF REVIS	SION: 1	0/31/2024					
REASON FOR RI AIRSPACE DOCH FIX USE: ADDED	KET: ADDED 23-AAL-28.								
INITIATED BY:	DATE:	ORGANIZATIO	N:	N	AME:				
OFFICE OF PRIM	IARY RESPONSIBILITY:	AJV-A4	23	Ν	AME: BARRY SMITH				
APPROVED BY:	DATE: 10/31/202	24 OFFIC	E: AJV-	A423 N	AME: ALLAN WILL				
	SIGNATURE:	Digitally signed by DAVID DANNER May 23, 2024							

QUALITY 25 CHECKED

NAME: MACIE			STATE: AK	COUNTRY: US	ICAO REGION CODE: PA			
LATITUDE/LONG	TUDE: 574338.87N/13750)47.74W	TYPE: WP					
AIRSPACE DOCK	ET: 23-AAL-28	FIX TYPE OF ACTI	ON: ESTABLISH					
HOLDING:		HOLDING TYPE OF	ACTION:					
FIX USE: USE TYPE EN ROUTE	USE TITLE Q801	FAC PAT	AIRPORT IDEN	NT CITY	STATE (US)			
REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH								
COMPULSORY R	EPORTING POINT: NO							
RECORD REVISIO	DN NUMBER: ORIG	DATE OF REVISION:	10/31/2024					
INITIATED BY:	DATE:	ORGANIZATION:		NAME:				
OFFICE OF PRIM	ARY RESPONSIBILITY:	AJV-A423		NAME: BARRY SMITH				
APPROVED BY:	DATE: 10/31/2024	4 OFFICE: AJV	-A423	NAME: ALLAN WILL				
	SIGNATURE:	<i>Digitally signed by</i> DAVID DANNER May 23, 2024						

QUALITY 25 CHECKED

NAME: TATOOSH VOR	TAC				STATE: WA		COUNTRY: US	ICAO REGI	ON CODE: K1
LATITUDE/LONGITUDE	: 481759.64N/1243	737.36W			TYPE:				
AIRSPACE DOCKET: 2	3-AAL-28	F	IX TYPE OF		N: NO CHANG	E			
FIX MAKE-UP FACILITI FAC NAME	ES:	IDENT	ТҮРЕ			TDU	E DME DIS		
					LASS MAG BRG	TRU BRG		T FROM FAC NM FEET	MRA MAA
1 TATOOSH		TOU	VORTAC	v	Ή				45000
HOLDING: HOLDING TYPE OF ACTION: NO CHANGE									
DPPOIDPYELDPSE/AEN ROUTEJ50EN ROUTEJ52EN ROUTEJ54EN ROUTEC80EN ROUTET26EN ROUTET26EN ROUTEV4IAPILSSTARJAVSTARJAVSTARMAISTARMAISTARARF	ATTLE 13 50 57 58 OR LOC RWY 9 VBN VBN RNR (RNAV) RIE VBN : DP, STAR, IAP, EN	NROUTE	FAC	PAT	AIRPORT ID KPDX KOLM KSEA KSEA KSEA KSEA KTCM KTCM		CITY PORTLAND OLYMPIA SEATTLE PORT ANGELES SEATTLE SEATTLE SEATTLE SEATTLE TACOMA TACOMA LOW, CONTROLLER	HIGH	STATE OR (US) WA (US) (US) (US) (US) (US) (US) (US) (US)
RECORD REVISION NU	IMBER: 9	DAT	E OF REVIS	SION · 1	0/31/2024				
REASON FOR REVISIO AIRSPACE DOCKET: AI FIX USE: ADDED Q801.)N: DDED 23-AAL-28.	DAI							
INITIATED BY:	DATE:	ORG	ANIZATIO	N:		Ν	AME:		
OFFICE OF PRIMARY F	RESPONSIBILITY:		AJV-A4	23		Ν	AME: BARRY SMITH		
APPROVED BY:	DATE: 10/31/202	24	OFFIC	E: AJV-	4423	Ν	AME: ALLAN WILL		
	SIGNATURE:	DAVID	y signed by DANNER 23, 2024						

QUALITY 25 CHECKED

RADIO FIX AND HOLDING DATA RECORD											
NAME: WAPTO				STA	TE: WA	со	UNTRY: U	S ICAO REG	ION CODE: K1		
LATITUDE/LONGITUDE	: 472819.54N/124	1350.38W		TYP	TYPE: WP, DME						
AIRSPACE DOCKET: 2	3-AAL-28	I	FIX TYPE OF A	ACTION: MO	DIFY						
FIX MAKE-UP FACILITI FAC NAME	ES:	IDENT	TYPE	CLASS	MAG	TRUE BRG	DME	DIST FROM FAC	MRA MAA		
1 TATOOSH 2 HOQUIAM		TOU HQM	VORTAC VORTAC	VH VH	140.00		52.21 31.69	52.21 31.69	18000 45000 18000 45000		
HOLDING:		н		E OF ACTIO	N: NO CH	HANGE					
REMARKS: TATOOSH (FAC 1) USE	D TO ESTABLISH	FIX COOF	RDINATES.								
FIX USE:USE TYPEUSIEN ROUTEJ50EN ROUTEQ80EN ROUTET25)1		FAC I 1, 2	PAT AIR	PORT ID	ENT CIT	Y		STATE (US) (US) (US)		
REQUIRED CHARTING	EN ROUTE LOW	EN ROU	TE HIGH, CON	ITROLLER L	.OW, COI	NTROLLER	HIGH				
COMPULSORY REPOR	TING POINT: NO										
RECORD REVISION NU	IMBER: 3	DA	TE OF REVISIO	ON: 10/31/2	024						
REASON FOR REVISION: AIRSPACE DOCKET: CHANGED 16-AWP-01 TO 23-AAL-28. FIX MAKE-UP FACILITIES: CHANGED FAC 1 (TOU) AND FAC 2 (HQM) CLASS FROM H TO VH. REMARKS: REMOVED CHART IN BLUE ON EN ROUTE LOW AS WP ONLY - CHARTING WILL NOT/DID NOT COMPLY. ADDED FIX COORDINATES REMARK. FIX USE: ADDED Q801. REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW AND CONTROLLER HIGH.											
INITIATED BY:	DATE:	OR	GANIZATION:			NAME:					
OFFICE OF PRIMARY F	RESPONSIBILITY:		AJV-A423	3		NAME:	BARRY SI	ИІТН			
APPROVED BY:	APPROVED BY: DATE: 10/31/2024 OFFICE: A			AJV-A423	/-A423 NAME: ALLAN WILL						
	SIGNATURE:	DAV	ally signed by / ID DANNER ay 23, 2024								