

# RADIO FIX AND HOLDING DATA RECORD

NAME: LETUS STATE: NY COUNTRY: US ICAO REGION CODE: K6  
 LATITUDE/LONGITUDE: 443722.34N/0752711.44W 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	MRA	MAA
1	WATERTOWN	ART	VORTAC	L	045.00	033.00	48.10	48.10	3000	17500
2	OTTAWA	YOW	VORTAC	H	172.82	158.82		52.64	4000	17500
3	POTSDAM	PTD	NDB	MH	270.33	256.33		25.16	4000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ART	VORTAC	R-045	49	3000	17500
YOW	VORTAC	R-173	53	4000	17500

## FIX RESTRICTIONS:

MRA ALL 4000

## 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	ART	VORTAC	045.00	045.00	R	1	3000 12000	6 11

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	442733.00N/0752830.00W	725	4E

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

WATERTOWN (FAC 1) AND OTTAWA (FAC 2) USED TO ESTABLISH FIX COORDINATES  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 PAT 1 HOLDING PATTERN FOR ATC USE.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V29	1, 2				(US)
IAP	RNAV (GPS) RWY 23			KMAL	MALONE	NY (US)
IAP	LOC RWY 27	1		KOGS	OGDENSBURG	NY (US)
IAP	RNAV (GPS) RWY 27			KOGS	OGDENSBURG	NY (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 09/15/2016

## REASON FOR REVISION:

CHANGED FAC 1 DME AND DIST FROM FAC FROM 48.11 TO 48.10.  
 ADDED FIX MAKE-UP IN REMARKS.

DEVELOPED BY: DATE: 06/28/2016 OFFICE: AJV-5412 NAME: GEORGETTE BARNETT

APPROVED BY: DATE: OFFICE: AJV-5410 NAME: MARLON ROBINSON

SIGNATURE: Digitally signed by

ADOLFO D URRUTIA

## DISTRIBUTION:

NFDC  
 FPO: EST  
 ARTCC: ZBW  
 ATC FACILITY:  
 OTHER: BTV FSS

Jul 14, 2016

QUALITY  
 23  
 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: MASSENA VORTAC STATE: NY COUNTRY: US ICAO REGION CODE: K6  
 LATITUDE/LONGITUDE: 445451.92N/0744321.78W TYPE:

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	MRA FEET	MAA
1	MASSENA	MSS	VORTAC	H						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	NW	MSS	VORTAC	296.15	116.15	R	1	2000 14000	4 10
2	W	MSS	VORTAC	271.00	091.00	L	1-1 1/2	2000 45000	4 29
3	SE		WP	120.00	300.00	R	4	1900 6000	4 6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (36-001951)	445550.72N/0745648.46W	580	2C
2	200	TOWER (36-000118)	445410.85N/0745300.65W	570	1A
3	200	AAO	445045.00N/0743503.00W	594	4E

## REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST

## HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000 FEET. PAT 2 ALSO EVALUATED FOR RNAV USE, 4 MILE LEGS. PAT 1 AND 2 HOLDING PATTERNS FOR ATC USE.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 MSS VORTAC MAG VAR: 14W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BURLINGTON			KBTW	BURLINGTON	VT (US)
EN ROUTE	J37					(US)
EN ROUTE	V141					(US)
EN ROUTE	V203					(US)
EN ROUTE	V29					(US)
IAP	RNAV (GPS) RWY 5			KMAL	MALONE	NY (US)
IAP	RNAV (GPS) RWY 23			KMSS	MASSENA	NY (US)
IAP	RNAV (GPS) RWY 27		3	KMSS	MASSENA	NY (US)
IAP	RNAV (GPS) RWY 9		3	KMSS	MASSENA	NY (US)
IAP	RNAV (GPS) RWY 27			KOGS	OGDENSBURG	NY (US)
IAP	NDB RWY 24			KPTD	POTSDAM	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14

DATE OF REVISION: 09/15/2016

## REASON FOR REVISION:

UPDATED FACILITY LAT/LONG.  
 UPDATED FIX USE; DELETED V98.  
 REMOVED "HOLDING LIMITED TO ESTABLISHED PATTERNS" IN REMARKS.  
 ADDED FACILITY MAG VAR 14W IN REMARKS.

DEVELOPED BY: DATE: 07/13/2016 OFFICE: AJV-5412 NAME: GEORGETTE BARNETT

APPROVED BY: DATE: OFFICE: AJV-5410 NAME: MARLON ROBINSON

SIGNATURE: *Digitally signed by*  
**ADOLFO D URRUTIA**

DISTRIBUTION: NFDC  
 FPO: EST  
 ARTCC: ZBW  
 ATC FACILITY:  
 OTHER: Jul 14, 2016

QUALITY  
 23  
 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: POTIC

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 444214.21N/0752026.51W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 27

FAC

PAT

AIRPORT IDENT  
KOGS

CITY  
OGDENSBURG

STATE  
NY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

MOVED FIX 0.21 NM NORTHEAST.  
UPDATED FIX LAT/LONG.

DEVELOPED BY:

DATE: 07/05/2016

OFFICE: AJV-5412

NAME: GEORGETTE BARNETT

APPROVED BY:

DATE:

OFFICE: AJV-5410

NAME: MARLON ROBINSON

SIGNATURE: *Digitally signed by*

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Jul 14, 2016

DISTRIBUTION:

NFDC  
FPO: NYC  
ARTCC: ZBW  
ATC FACILITY:  
OTHER: BTV FSS

QUALITY  
23  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: WOROS

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 444142.78N/0752324.37W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 27

FAC PAT

AIRPORT IDENT  
KOGS

CITY  
OGDENSBURG

STATE  
NY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/10/2016

DEVELOPED BY: DATE: 07/07/2016

OFFICE: AJV-5412

NAME: GEORGETTE BARNETT

APPROVED BY: DATE:

OFFICE: AJV-5410

NAME: MARLON ROBINSON

SIGNATURE: *Digitally signed by*

**ADOLFO D URRUTIA**

DISTRIBUTION:

NFDC  
FPO: EST  
ARTCC: ZBW  
ATC FACILITY:  
OTHER:

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