Facility #166027

Frenchtown, MT
Proposed Minor Modification
Of Permitted Facility

FCC Facility ID #166027 ("New CP"), by this application, proposes to modify its currently licensed facilities to specify a new community of license using the following parameters:

New City of License:	Frenchtown, MT
Channel:	268
Class:	C1
Antenna Coordinates:	N46-48-08, W113-58-21 (NAD 27)
ASRN:	N/A
Tower Height AMSL:	42.7 m
COR AMSL:	1916 m
COR AGL:	36 m
COR HAAT:	637 m
ERP:	3.4 kW
Max ERP (w/ Beam Tilt):	3.6 kW
Directional Antenna:	No

As can be seen in Exhibit 1, New CP's proposed community of license, Frenchtown, MT, is located entirely within the FCC predicted F(50,50) 70 dBu city-grade contour. No terrain obstructions are located between the antenna and the community of license.

Exhibit 2 is a channel spacings study demonstrating that the proposed antenna site is fully spaced towards all applications, authorizations, and permits pursuant to Section 73.207 with the exception of KATW 268C1 Lewiston, ID. The applicant requests Section 73.215 Contour protection processing towards this station.

New CP may request 73.215 Contour Protection towards KATW(FM) as it complies with the minimum separation requirements towards the co-channel station at its proposed antenna site. The channel spacings study shows that the proposed New CP 268C1 Antenna Location is spaced 236.19 kilometers from KATW(FM). In order to be eligible for 73.215 Contour Protection, the minimum "C1 to C1" spacings for co-channel stations must be at least 224 kilometers. The proposed New CP 268C1 Antenna Location satisfies this requirement by 12.19 kilometers.

Using the facilities proposed herein, New CP 268C1 complies with the Contour Protection requirements of Part 73.215 towards KATW(FM). The attached overlap tabulation studies in Exhibits 3 and 4 demonstrate that this application complies with the Contour Protection Requirements of Section 73.215.

In reviewing the attached studies, it should be noted that since KATW utilizes Class C1 facilities with an HAAT below 299 meters, the following overlap studies were conducted assuming "Maximized" Class C1 Facilities for KATW (FM) (100 kW at an HAAT of 299 meters).

Using the New CP 268C1 technical parameters proposed in this application, Exhibit 3 demonstrates that the F(50,50) 60 dBu Contour for New CP does not overlap the F(50,10) 40 dBu Interfering Contour of KATW(FM). Likewise, Exhibit 4 demonstrates that the F(50,50) 60 dBu Contour for KATW(FM) does not overlap the F(50,10) 40 dBu Interfering Contour of the instant New CP application on 268C1.

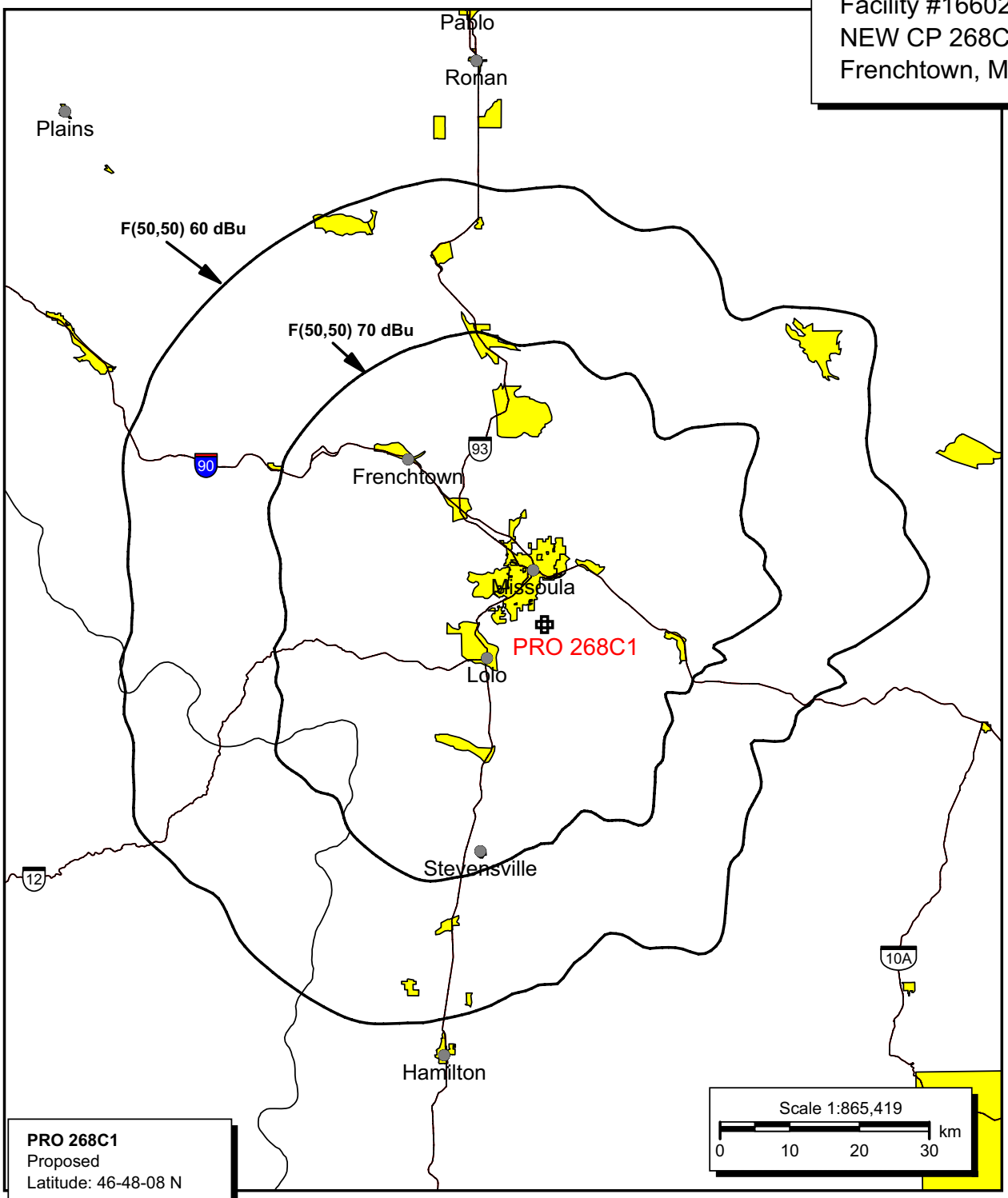
The applicant proposes diplexing New CP into the contemporaneously proposed new antenna for KBAZ(FM) 242C Hamilton, MT. As such, the applicant shall verify compliance with the Commission's spurious emission requirements of 47 C.F.R. Sections 73.317(b) through 73.317(d) prior to commencing operations.

Due to the fact that several existing and proposed emitters are located at or near the site, the applicant agrees to conduct a Radiofrequency Electromagnetic Field survey at the site upon construction to ensure that any areas at ground level that exceed the Commission's exposure

guideline values are appropriately marked and fenced. The results of the survey will be provided with the application for license. When it becomes necessary for workers to ascend the tower, appropriate measures, such as reduction or shut down of power if necessary, shall be taken to ensure that the human exposure to radiofrequency radiation will not exceed the FCC guidelines. The proposed antenna site utilizes the existing KBAZ(FM) and, therefore, does not require FAA Registration or NEPA/SHPO notification, and should be exempt from environmental processing because the facility would not be located at a location specified in Section 1.1307(a)(1)-(8) of the Commission's Rules.

Exhibit 1

Facility #166027
NEW CP 268C1
Frenchtown, MT



PRO 268C1
Proposed
Latitude: 46-48-08 N
Longitude: 113-58-21 W
ERP: 3.60 kW
HAAT: 637.29 m
Channel: 268 C1
Frequency: 101.5 MHz
AMSL Height: 1916.0 m
Elevation: 1880.0 m
AGL Height: 36 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

NEW CP Frenchtown, MT
Antenna Site Channel Study

REFERENCE
46 48 08 N.
113 58 21 W.

CLASS = C1 Int =
Current Spacings
Channel 268 - 101.5 MHz

DISPLAY DATES
DATA 01-30-07
SEARCH 01-31-07

Call	Channel	Location		Azi	Dist	FCC	Margin
AP8424	APP-N 268C1	Frenchtown	MT	0.0	0.00	245.0	-245.00
AP0158	APP-N 268C1	Frenchtown	MT	0.0	0.00	245.0	-245.00
Of No Concern: Instant Application.							
NEW	CP -N 268C0	Drummond	MT	102.8	27.47	259.0	-231.53
Of No Concern: Instant facility's present authorization.							
RS9151	RSV 268C1	Frenchtown	MT	33.5	19.44	245.0	-225.56
RS0502	RSV 268C1	Frenchtown	MT	33.5	19.44	245.0	-225.56
Of No Concern: Fully spaced reference coordinates for instant application.							
KATW	LIC 268C1	Lewiston	ID	261.8	236.19	245.0	-8.81
Of Concern: Applicant Requests Section 73.215 Contour Protection Processing towards KATW(FM).							
KZMT	LIC 266C	Helena	MT	92.2	125.60	105.0	20.60
NEW	CP 269C1	Belt	MT	78.9	228.81	177.0	51.81

01-31-2007 30 Sec. Terrain Data

NEW CP 268C1 Proposed	KATW BLH19851010KC
Channel = 268C1	Channel = 268C1
Max ERP = 3.6 kW	Max ERP = 100 kW
RCAMSL = 1916 M	RCAMSL = 891 M
N. Lat = 464808.0	N. Lat = 46 27 38
W. Lng = 1135821.0	W. Lng = 117 01 00

Protected	Interfering
60 dBu	40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
194.0	003.6000	0626.9	058.1	093.8	100.0000	0488.0	220.9	34.4
195.0	003.6000	0641.1	058.6	093.8	100.0000	0488.0	219.8	34.6
196.0	003.6000	0656.6	059.2	093.9	100.0000	0488.0	218.7	34.8
197.0	003.6000	0670.2	059.6	094.0	100.0000	0488.0	217.6	35.0
198.0	003.6000	0680.9	060.0	094.1	100.0000	0488.0	216.5	35.2
199.0	003.6000	0691.9	060.4	094.1	100.0000	0488.0	215.4	35.4
200.0	003.6000	0704.5	060.8	094.1	100.0000	0488.0	214.3	35.6
201.0	003.6000	0718.3	061.2	094.2	100.0000	0488.0	213.1	35.8
202.0	003.6000	0732.5	061.7	094.2	100.0000	0488.0	212.0	36.0
203.0	003.6000	0746.3	062.1	094.3	100.0000	0488.0	210.8	36.2
204.0	003.6000	0758.1	062.5	094.3	100.0000	0488.0	209.7	36.4
205.0	003.6000	0767.2	062.8	094.2	100.0000	0488.0	208.5	36.6
206.0	003.6000	0773.8	063.0	094.2	100.0000	0488.0	207.4	36.8
207.0	003.6000	0778.0	063.1	094.1	100.0000	0488.0	206.4	37.0
208.0	003.6000	0780.3	063.2	094.0	100.0000	0488.0	205.3	37.2
209.0	003.6000	0781.5	063.2	093.9	100.0000	0488.0	204.3	37.4
210.0	003.6000	0782.3	063.2	093.8	100.0000	0488.0	203.3	37.6
211.0	003.6000	0783.1	063.3	093.7	100.0000	0488.0	202.2	37.7
212.0	003.6000	0783.7	063.3	093.5	100.0000	0488.0	201.2	37.9
213.0	003.6000	0783.7	063.3	093.4	100.0000	0463.8	200.3	37.8
214.0	003.6000	0783.3	063.3	093.2	100.0000	0463.8	199.3	37.9
215.0	003.6000	0783.1	063.3	093.1	100.0000	0463.8	198.3	38.1
216.0	003.6000	0783.0	063.3	092.9	100.0000	0463.8	197.4	38.3
217.0	003.6000	0782.5	063.2	092.7	100.0000	0463.8	196.4	38.5
218.0	003.6000	0781.6	063.2	092.6	100.0000	0463.8	195.5	38.6
219.0	003.6000	0780.7	063.2	092.4	100.0000	0439.5	194.6	38.5
220.0	003.6000	0780.3	063.2	092.2	100.0000	0439.5	193.7	38.6
221.0	003.6000	0779.6	063.2	092.0	100.0000	0439.5	192.9	38.8
222.0	003.6000	0777.5	063.1	091.8	100.0000	0439.5	192.0	39.0
223.0	003.6000	0774.1	063.0	091.5	100.0000	0439.5	191.2	39.1
224.0	003.6000	0768.6	062.8	091.3	100.0000	0415.6	190.5	38.9
225.0	003.6000	0759.4	062.5	091.0	100.0000	0415.6	189.9	39.0
226.0	003.6000	0747.3	062.2	090.7	100.0000	0415.6	189.3	39.1
227.0	003.6000	0734.8	061.8	090.4	100.0000	0394.9	188.8	38.8
228.0	003.6000	0723.4	061.4	090.1	100.0000	0394.9	188.3	38.9
229.0	003.6000	0714.4	061.1	089.8	100.0000	0394.9	187.8	39.0
230.0	003.6000	0710.9	061.0	089.5	100.0000	0374.5	187.2	38.8
231.0	003.6000	0715.9	061.2	089.3	100.0000	0374.5	186.3	38.9
232.0	003.6000	0730.6	061.6	089.1	100.0000	0374.5	185.3	39.1
233.0	003.6000	0750.2	062.2	089.0	100.0000	0374.5	184.1	39.4
234.0	003.6000	0766.3	062.7	088.8	100.0000	0374.5	183.1	39.5
235.0	003.6000	0774.8	063.0	088.6	100.0000	0374.5	182.2	39.7
236.0	003.6000	0777.5	063.1	088.3	100.0000	0354.2	181.5	39.4
237.0	003.6000	0780.1	063.2	088.0	100.0000	0354.2	180.8	39.6
238.0	003.6000	0788.0	063.4	087.8	100.0000	0354.2	180.1	39.7
239.0	003.6000	0799.6	063.7	087.5	100.0000	0354.2	179.2	39.9
240.0	003.6000	0813.1	064.1	087.3	100.0000	0334.3	178.3	39.6
241.0	003.6000	0826.2	064.5	087.0	100.0000	0334.3	177.4	39.8
242.0	003.6000	0837.3	064.8	086.7	100.0000	0334.3	176.7	39.9
243.0	003.6000	0845.8	065.0	086.4	100.0000	0317.2	176.0	39.6

244.0	003.6000	0848.3	065.1	086.1	100.0000	0317.2	175.4	39.7
245.0	003.6000	0841.1	064.9	085.7	100.0000	0317.2	175.1	39.8
246.0	003.6000	0824.8	064.5	085.3	100.0000	0305.4	175.1	39.5
247.0	003.6000	0805.0	063.9	084.9	100.0000	0305.4	175.3	39.5
248.0	003.6000	0788.0	063.4	084.5	100.0000	0305.4	175.4	39.5
249.0	003.6000	0775.3	063.0	084.1	100.0000	0295.6	175.4	39.3
250.0	003.6000	0764.1	062.7	083.7	100.0000	0295.6	175.4	39.3
251.0	003.6000	0752.9	062.3	083.4	100.0000	0292.3	175.5	39.3
252.0	003.6000	0740.0	061.9	083.0	100.0000	0292.3	175.6	39.2
253.0	003.6000	0727.6	061.5	082.6	100.0000	0292.3	175.8	39.2
254.0	003.6000	0718.7	061.2	082.3	100.0000	0290.2	175.9	39.2
255.0	003.6000	0716.5	061.2	081.9	100.0000	0290.2	175.7	39.2
256.0	003.6000	0720.2	061.3	081.6	100.0000	0290.2	175.5	39.2
257.0	003.6000	0726.8	061.5	081.2	100.0000	0288.6	175.1	39.3
258.0	003.6000	0728.6	061.6	080.9	100.0000	0288.6	175.0	39.3
259.0	003.6000	0721.6	061.3	080.5	100.0000	0288.6	175.1	39.3
260.0	003.6000	0712.1	061.0	080.2	100.0000	0281.9	175.4	39.1
261.0	003.6000	0704.0	060.8	079.8	100.0000	0281.9	175.6	39.1
262.0	003.6000	0704.1	060.8	079.5	100.0000	0271.9	175.6	38.9
263.0	003.6000	0708.8	060.9	079.1	100.0000	0271.9	175.5	38.9
264.0	003.6000	0710.5	061.0	078.8	100.0000	0271.9	175.5	38.9
265.0	003.6000	0710.4	061.0	078.4	100.0000	0263.8	175.6	38.8
266.0	003.6000	0696.2	060.5	078.1	100.0000	0263.8	176.1	38.7
267.0	003.6000	0681.7	060.0	077.8	100.0000	0263.8	176.7	38.6
268.0	003.6000	0668.5	059.6	077.5	100.0000	0254.3	177.3	38.3
269.0	003.6000	0656.4	059.2	077.2	100.0000	0254.3	177.9	38.2
270.0	003.6000	0655.3	059.1	076.8	100.0000	0254.3	178.1	38.2
271.0	003.6000	0654.0	059.1	076.5	100.0000	0254.3	178.4	38.1
272.0	003.6000	0652.9	059.0	076.2	100.0000	0244.7	178.6	37.9
273.0	003.6000	0653.9	059.1	075.9	100.0000	0244.7	178.9	37.9
274.0	003.6000	0660.0	059.3	075.5	100.0000	0244.7	178.9	37.9
275.0	003.6000	0664.8	059.4	075.2	100.0000	0230.6	179.1	37.6
276.0	003.6000	0671.3	059.7	074.8	100.0000	0230.6	179.2	37.5
277.0	003.6000	0681.1	060.0	074.5	100.0000	0213.9	179.3	37.2
278.0	003.6000	0688.6	060.2	074.2	100.0000	0213.9	179.4	37.2
279.0	003.6000	0692.5	060.4	073.8	100.0000	0213.9	179.7	37.1
280.0	003.6000	0696.7	060.5	073.5	100.0000	0213.9	180.0	37.0
281.0	003.6000	0701.1	060.7	073.2	100.0000	0198.0	180.3	36.6
282.0	003.6000	0704.2	060.8	072.9	100.0000	0198.0	180.7	36.6
283.0	003.6000	0709.4	060.9	072.5	100.0000	0198.0	181.0	36.5
284.0	003.6000	0717.2	061.2	072.2	100.0000	0185.0	181.3	36.2
285.0	003.6000	0729.6	061.6	071.8	100.0000	0185.0	181.5	36.1
286.0	003.6000	0745.4	062.1	071.5	100.0000	0174.0	181.7	35.8
287.0	003.6000	0762.8	062.6	071.1	100.0000	0174.0	181.8	35.8
288.0	003.6000	0781.5	063.2	070.7	100.0000	0174.0	182.0	35.8
289.0	003.6000	0798.8	063.7	070.3	100.0000	0163.6	182.2	35.5
290.0	003.6000	0815.8	064.2	069.9	100.0000	0163.6	182.5	35.4
291.0	003.6000	0830.2	064.6	069.6	100.0000	0163.6	182.9	35.4
292.0	003.6000	0843.4	065.0	069.2	100.0000	0153.9	183.3	35.0
293.0	003.6000	0855.1	065.3	068.9	100.0000	0153.9	183.9	34.9
294.0	003.6000	0862.1	065.5	068.6	100.0000	0153.9	184.5	34.8
295.0	003.6000	0864.1	065.5	068.4	100.0000	0144.9	185.2	34.4
296.0	003.6000	0862.8	065.5	068.1	100.0000	0144.9	186.1	34.3
297.0	003.6000	0860.9	065.4	067.9	100.0000	0144.9	186.9	34.1
298.0	003.6000	0862.3	065.5	067.6	100.0000	0144.9	187.8	34.0
299.0	003.6000	0869.5	065.6	067.4	100.0000	0136.7	188.5	33.6
300.0	003.6000	0881.1	065.9	067.1	100.0000	0136.7	189.2	33.5
301.0	003.6000	0894.6	066.3	066.8	100.0000	0136.7	189.9	33.4
302.0	003.6000	0906.0	066.5	066.5	100.0000	0136.7	190.7	33.2
303.0	003.6000	0912.8	066.7	066.3	100.0000	0129.1	191.5	32.9
304.0	003.6000	0915.9	066.7	066.1	100.0000	0129.1	192.4	32.7
305.0	003.6000	0917.0	066.8	065.9	100.0000	0129.1	193.4	32.6
306.0	003.6000	0917.7	066.8	065.7	100.0000	0129.1	194.4	32.4
307.0	003.6000	0918.4	066.8	065.5	100.0000	0121.8	195.3	32.0
308.0	003.6000	0919.1	066.8	065.3	100.0000	0121.8	196.3	31.8
309.0	003.6000	0919.8	066.8	065.1	100.0000	0121.8	197.3	31.7
310.0	003.6000	0920.5	066.8	065.0	100.0000	0121.8	198.4	31.5

01-31-2007 30 Sec. Terrain Data

KATW BLH19851010KC
Channel = 268C1
Max ERP = 100 kW
RCAMSL = 891 M
N. Lat = 46 27 38
W. Lng = 117 01 00

NEW CP 268C1 Proposed
Channel = 268C1
Max ERP = 3.6 kW
RCAMSL = 1916 M
N. Lat = 464808.0
W. Lng = 1135821.0

Protected
60 dBu

Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
014.0	100.0000	0032.4	032.0	269.3	003.6000	0656.4	224.9	21.6
015.0	100.0000	0030.9	031.3	269.1	003.6000	0656.4	224.6	21.6
016.0	100.0000	0030.1	031.0	269.0	003.6000	0656.4	224.1	21.7
017.0	100.0000	0030.7	031.3	269.0	003.6000	0656.4	223.6	21.8
018.0	100.0000	0032.2	031.9	269.1	003.6000	0656.4	222.8	21.9
019.0	100.0000	0034.0	032.7	269.2	003.6000	0656.4	222.0	22.0
020.0	100.0000	0035.9	033.5	269.4	003.6000	0656.4	221.2	22.2
021.0	100.0000	0038.4	034.5	269.5	003.6000	0655.3	220.2	22.3
022.0	100.0000	0041.1	035.6	269.7	003.6000	0655.3	219.2	22.5
023.0	100.0000	0042.6	036.2	269.8	003.6000	0655.3	218.4	22.6
024.0	100.0000	0043.1	036.4	269.8	003.6000	0655.3	217.7	22.7
025.0	100.0000	0043.6	036.6	269.8	003.6000	0655.3	217.1	22.8
026.0	100.0000	0044.2	036.8	269.7	003.6000	0655.3	216.4	22.9
027.0	100.0000	0044.7	037.0	269.7	003.6000	0655.3	215.7	23.0
028.0	100.0000	0044.8	037.0	269.6	003.6000	0655.3	215.2	23.1
029.0	100.0000	0044.6	037.0	269.5	003.6000	0655.3	214.6	23.2
030.0	100.0000	0044.9	037.1	269.4	003.6000	0656.4	214.0	23.3
031.0	100.0000	0045.7	037.4	269.4	003.6000	0656.4	213.3	23.4
032.0	100.0000	0046.8	037.8	269.4	003.6000	0656.4	212.6	23.5
033.0	100.0000	0047.6	038.1	269.4	003.6000	0656.4	211.8	23.7
034.0	100.0000	0048.2	038.3	269.3	003.6000	0656.4	211.2	23.8
035.0	100.0000	0048.6	038.5	269.2	003.6000	0656.4	210.5	23.9
036.0	100.0000	0049.0	038.6	269.2	003.6000	0656.4	209.9	24.0
037.0	100.0000	0049.0	038.7	269.0	003.6000	0656.4	209.4	24.1
038.0	100.0000	0048.5	038.5	268.9	003.6000	0656.4	209.0	24.2
039.0	100.0000	0047.7	038.2	268.7	003.6000	0656.4	208.7	24.2
040.0	100.0000	0046.8	037.8	268.5	003.6000	0656.4	208.4	24.3
041.0	100.0000	0046.1	037.5	268.3	003.6000	0668.5	208.2	24.4
042.0	100.0000	0045.5	037.3	268.2	003.6000	0668.5	207.9	24.5
043.0	100.0000	0045.4	037.3	268.0	003.6000	0668.5	207.4	24.6
044.0	100.0000	0045.6	037.4	267.9	003.6000	0668.5	206.9	24.7
045.0	100.0000	0046.1	037.5	267.8	003.6000	0668.5	206.4	24.8
046.0	100.0000	0046.6	037.7	267.7	003.6000	0668.5	205.8	24.9
047.0	100.0000	0047.6	038.1	267.6	003.6000	0668.5	205.1	25.0
048.0	100.0000	0049.4	038.8	267.6	003.6000	0668.5	204.1	25.2
049.0	100.0000	0051.6	039.6	267.6	003.6000	0668.5	203.1	25.4
050.0	100.0000	0053.7	040.3	267.5	003.6000	0668.5	202.1	25.6
051.0	100.0000	0055.9	041.0	267.5	003.6000	0681.7	201.2	25.9
052.0	100.0000	0058.3	041.6	267.4	003.6000	0681.7	200.2	26.1
053.0	100.0000	0060.9	042.3	267.3	003.6000	0681.7	199.2	26.3
054.0	100.0000	0063.8	043.0	267.3	003.6000	0681.7	198.2	26.5
055.0	100.0000	0067.0	043.8	267.2	003.6000	0681.7	197.2	26.7
056.0	100.0000	0070.6	044.6	267.1	003.6000	0681.7	196.1	26.9
057.0	100.0000	0074.6	045.5	267.0	003.6000	0681.7	194.9	27.1
058.0	100.0000	0078.7	046.5	267.0	003.6000	0681.7	193.7	27.4
059.0	100.0000	0083.2	047.5	266.9	003.6000	0681.7	192.5	27.6
060.0	100.0000	0088.3	048.5	266.8	003.6000	0681.7	191.1	27.8
061.0	100.0000	0094.1	049.7	266.7	003.6000	0681.7	189.7	28.1
062.0	100.0000	0100.5	051.0	266.6	003.6000	0681.7	188.2	28.4
063.0	100.0000	0107.5	052.2	266.5	003.6000	0696.2	186.7	28.8

064.0	100.0000	0114.6	053.4	266.4	003.6000	0696.2	185.2	29.1
065.0	100.0000	0121.8	054.5	266.2	003.6000	0696.2	183.9	29.3
066.0	100.0000	0129.1	055.6	266.0	003.6000	0696.2	182.6	29.6
067.0	100.0000	0136.7	056.6	265.8	003.6000	0696.2	181.2	29.8
068.0	100.0000	0144.9	057.8	265.6	003.6000	0696.2	179.9	30.1
069.0	100.0000	0153.9	059.0	265.4	003.6000	0710.4	178.5	30.5
070.0	100.0000	0163.6	060.2	265.2	003.6000	0710.4	177.1	30.8
071.0	100.0000	0174.0	061.3	264.9	003.6000	0710.4	175.7	31.1
072.0	100.0000	0185.0	062.4	264.7	003.6000	0710.4	174.4	31.4
073.0	100.0000	0198.0	063.6	264.4	003.6000	0710.5	173.0	31.8
074.0	100.0000	0213.9	065.1	264.1	003.6000	0710.5	171.4	32.2
075.0	100.0000	0230.6	066.6	263.8	003.6000	0710.5	169.7	32.6
076.0	100.0000	0244.7	067.8	263.4	003.6000	0708.8	168.4	32.9
077.0	100.0000	0254.3	068.6	263.0	003.6000	0708.8	167.5	33.1
078.0	100.0000	0263.8	069.4	262.6	003.6000	0708.8	166.6	33.3
079.0	100.0000	0271.9	070.1	262.2	003.6000	0704.1	165.9	33.4
080.0	100.0000	0281.9	070.9	261.8	003.6000	0704.1	165.0	33.7
081.0	100.0000	0288.6	071.5	261.4	003.6000	0704.0	164.5	33.8
082.0	100.0000	0290.2	071.6	260.9	003.6000	0704.0	164.4	33.8
083.0	100.0000	0292.3	071.8	260.5	003.6000	0712.1	164.3	33.9
084.0	100.0000	0295.6	072.0	260.0	003.6000	0712.1	164.2	34.0
085.0	100.0000	0305.4	072.8	259.6	003.6000	0712.1	163.6	34.1
086.0	100.0000	0317.2	073.7	259.1	003.6000	0721.6	162.9	34.4
087.0	100.0000	0334.3	074.9	258.6	003.6000	0721.6	161.8	34.7
088.0	100.0000	0354.2	076.4	258.0	003.6000	0728.6	160.7	35.0
089.0	100.0000	0374.5	077.9	257.4	003.6000	0726.8	159.5	35.3
090.0	100.0000	0394.9	079.4	256.8	003.6000	0726.8	158.4	35.6
091.0	100.0000	0415.6	080.9	256.2	003.6000	0720.2	157.3	35.8
092.0	100.0000	0439.5	082.7	255.5	003.6000	0716.5	156.0	36.1
093.0	100.0000	0463.8	084.4	254.8	003.6000	0716.5	154.8	36.3
094.0	100.0000	0488.0	086.0	254.0	003.6000	0718.7	153.9	36.6
095.0	100.0000	0506.5	087.1	253.4	003.6000	0727.6	153.4	36.8
096.0	100.0000	0514.8	087.6	252.8	003.6000	0727.6	153.6	36.8
097.0	100.0000	0515.8	087.7	252.2	003.6000	0740.0	154.2	36.8
098.0	100.0000	0515.2	087.6	251.7	003.6000	0740.0	154.9	36.6
099.0	100.0000	0511.8	087.4	251.3	003.6000	0752.9	155.8	36.5
100.0	100.0000	0502.4	086.9	250.9	003.6000	0752.9	157.1	36.2
101.0	100.0000	0492.6	086.3	250.5	003.6000	0752.9	158.4	35.9
102.0	100.0000	0481.5	085.6	250.2	003.6000	0764.1	159.8	35.6
103.0	100.0000	0470.1	084.8	249.9	003.6000	0764.1	161.2	35.3
104.0	100.0000	0462.5	084.3	249.6	003.6000	0764.1	162.5	35.0
105.0	100.0000	0457.1	083.9	249.3	003.6000	0775.3	163.7	34.8
106.0	100.0000	0453.6	083.7	248.9	003.6000	0775.3	164.8	34.5
107.0	100.0000	0453.9	083.7	248.5	003.6000	0775.3	165.7	34.3
108.0	100.0000	0456.5	083.9	248.1	003.6000	0788.0	166.6	34.2
109.0	100.0000	0460.8	084.2	247.7	003.6000	0788.0	167.3	34.0
110.0	100.0000	0465.5	084.5	247.2	003.6000	0805.0	168.1	34.0
111.0	100.0000	0469.6	084.8	246.8	003.6000	0805.0	169.0	33.8
112.0	100.0000	0473.4	085.1	246.4	003.6000	0824.8	169.9	33.8
113.0	100.0000	0477.0	085.3	246.0	003.6000	0824.8	170.8	33.6
114.0	100.0000	0480.3	085.5	245.6	003.6000	0824.8	171.8	33.3
115.0	100.0000	0483.5	085.7	245.2	003.6000	0841.1	172.9	33.3
116.0	100.0000	0486.1	085.9	244.9	003.6000	0841.1	174.0	33.0
117.0	100.0000	0488.2	086.0	244.6	003.6000	0841.1	175.1	32.8
118.0	100.0000	0490.2	086.1	244.3	003.6000	0848.3	176.3	32.6
119.0	100.0000	0491.7	086.2	244.0	003.6000	0848.3	177.5	32.4
120.0	100.0000	0492.1	086.2	243.7	003.6000	0848.3	178.7	32.1
121.0	100.0000	0490.8	086.2	243.5	003.6000	0845.8	180.1	31.8
122.0	100.0000	0488.8	086.0	243.3	003.6000	0845.8	181.4	31.5
123.0	100.0000	0486.8	085.9	243.1	003.6000	0845.8	182.8	31.2
124.0	100.0000	0485.5	085.8	242.9	003.6000	0845.8	184.2	31.0
125.0	100.0000	0484.8	085.8	242.7	003.6000	0845.8	185.5	30.7
126.0	100.0000	0484.1	085.7	242.5	003.6000	0837.3	186.9	30.3
127.0	100.0000	0483.4	085.7	242.3	003.6000	0837.3	188.3	30.1
128.0	100.0000	0482.7	085.7	242.1	003.6000	0837.3	189.7	29.8
129.0	100.0000	0482.4	085.6	242.0	003.6000	0837.3	191.1	29.6
130.0	100.0000	0482.3	085.6	241.8	003.6000	0837.3	192.5	29.3