



**Upper Peninsula Power Company**

(a subsidiary of Integrys Energy Group)  
700 North Adams Street  
P.O. Box 19001  
Green Bay, WI 54307-9001

September 17, 2009

Ms. Kimberly D. Bose, Secretary  
The Federal Energy Regulatory Commission  
888 First Street NE  
Washington, DC 20426

Dear Secretary Bose:

Eurasian Water Milfoil Surveys for the  
Cataract Hydroelectric Project (FERC #10854) and the Au Train Hydroelectric Project (FERC #10856)

As per the Federal Energy Regulatory Commission (FERC) Order Modifying and Amending Noxious Plant Monitoring Plan for the Au Train and Cataract Hydroelectric Projects issued November 17, 1999, Upper Peninsula Power Company (UPPCO) is to complete Eurasian water milfoil (EWM) surveys every third year beginning in the year 2000. The results of the survey shall be provided to the Michigan Department of Natural Resources (MDNR) and FERC within 30 days of completing the survey.

The EWM survey for the Au Train Hydroelectric Project was completed on August 26, 2009. The EWM survey for the Cataract Hydroelectric Project was completed on August 19, 2009.

EWM was not identified at either of the hydroelectric projects during the transect surveys or visual inspection of the reservoirs. A figure of the transect locations and survey form for each project is provided in Appendix A.

UPPCO did not receive comment from the MDNR or FWS concerning the previous EWM surveys completed in 2006.

UPPCO will be following the FERC Order Modifying and Amending the Noxious Plant Monitoring Plan issued November 17, 1999 for the Cataract and Au Train Hydroelectric Project during EWM surveys in subsequent years.

The next EWM survey is scheduled to be completed the summer of 2012.

Should you have any questions relative to this material, please do not hesitate to contact Jamie Nuthals at (920) 433-1460.

Sincerely,

A handwritten signature in black ink that reads "T. Jensky".

Terry P. Jensky  
Vice President - Energy Supply Operations  
for Wisconsin Public Service Corporation  
Telephone: (920) 433-2900

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Enc.

cc: Ms. Carlisa Linton, FERC D.C.  
Ms. Jessica Mistak, MDNR  
Ms. Christie Deloria-Sheffield, FWS  
Mr. Shawn Puzen, WPS - D2

Mr. Gil Snyder, WPS - D2  
Ms. Joan Johaneck, WPS - D2  
Mr. Howard Giesler, WPS - PUL

## **APPENDIX A**

### **2009 EURASIAN WATER MILFOIL SURVEY RESULTS**

## Eurasian Milfoil Surveys

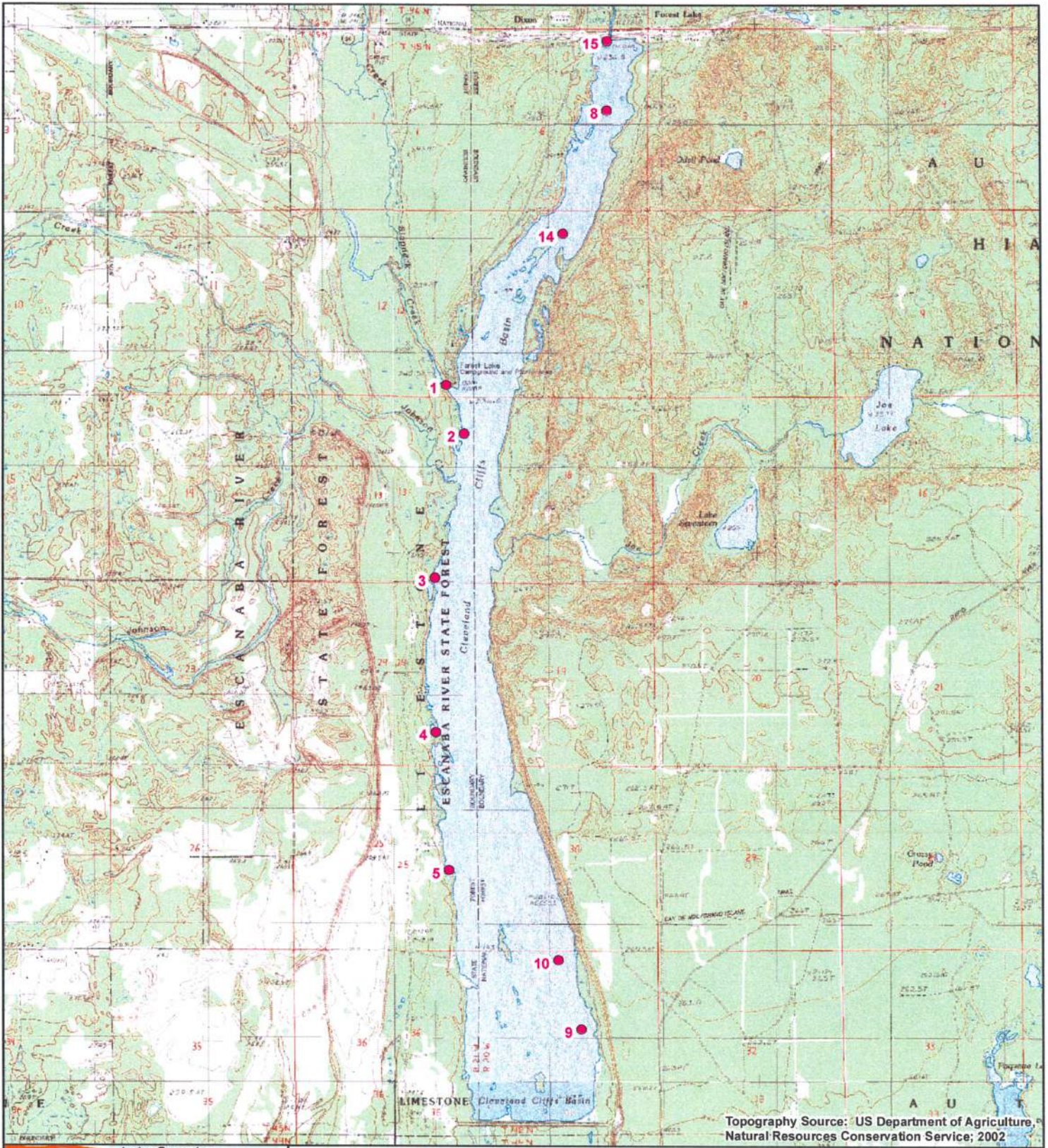
AuTrain - 2009

Transect #	0 - 0.5 M	0.5 - 1.5 M	1.5 - 3.0 M	> 3.0 M	Origin
1A	0	0	0	N/A	46 18 17.8
1B	0	0	0	N/A	86 52 08.7
1C	0	0	0	N/A	
2A	0	0	N/A	N/A	46 18 04
2B	0	0	N/A	N/A	86 52 01.3
2C	0	0	N/A	N/A	
3A	0	0	0	N/A	46 17 23.0
3B	0	0	0	N/A	86 52 13.5
3C	0	0	0	N/A	
4A	0	0	N/A	N/A	46 16 39.3
4B	0	0	N/A	N/A	86 52 13.2
4C	0	0	N/A	N/A	
5A	0	0	N/A	N/A	46 16 00.0
5B	0	0	N/A	N/A	86 52 08.0
5C	0	0	N/A	N/A	
6A					46 15 10.6
6B					86 51 55.4
6C					
7A					46 14 55.9
7B					86 51 36.1
7C					
8A	0	0	N/A	N/A	46 19 35.5
8B	0	0	N/A	N/A	86 51 02.0
8C	0	0	N/A	N/A	
9A	0	0	N/A	N/A	46 15 14.9
9B	0	0	N/A	N/A	86 51 13.9
9C	0	0	N/A	N/A	
10A	0	0	N/A	N/A	46 15 34.5
10B	0	0	N/A	N/A	86 51 23.1
10C	0	0	N/A	N/A	
11A					46 16 22.3
11B					86 51 37.8
11C					
12A					46 17 26.4
12B					86 51 48.4
12C					
13A					46 18 19.9
13B					86 51 40.2
13C					
14A	0	0	0	N/A	46 19 00.5
14B	0	0	0	N/A	86 51 20.3
14C	0	0	0	N/A	
15A	0	0	0	N/A	46 19 55.2
15B	0	0	0	N/A	86 51 01.8
15C	0	0	0	N/A	

N/A: Not Applicable

Abundance Scale: 0 = None, 1 = Low, 2 = Medium, 3 = High

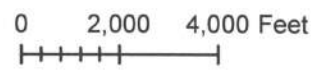
Note: All transects are 40 feet in length and proceed in an easterly direction from their origin.



Topography Source: US Department of Agriculture, Natural Resources Conservation Service; 2002



# 2009 Eurasian Water Milfoil Survey AuTrain Hydroelectric Project



**Legend**

- Eurasian Water Milfoil

<b>Eurasian Milfoil Survey - August 19, 2009</b>
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<b>Cataract</b>
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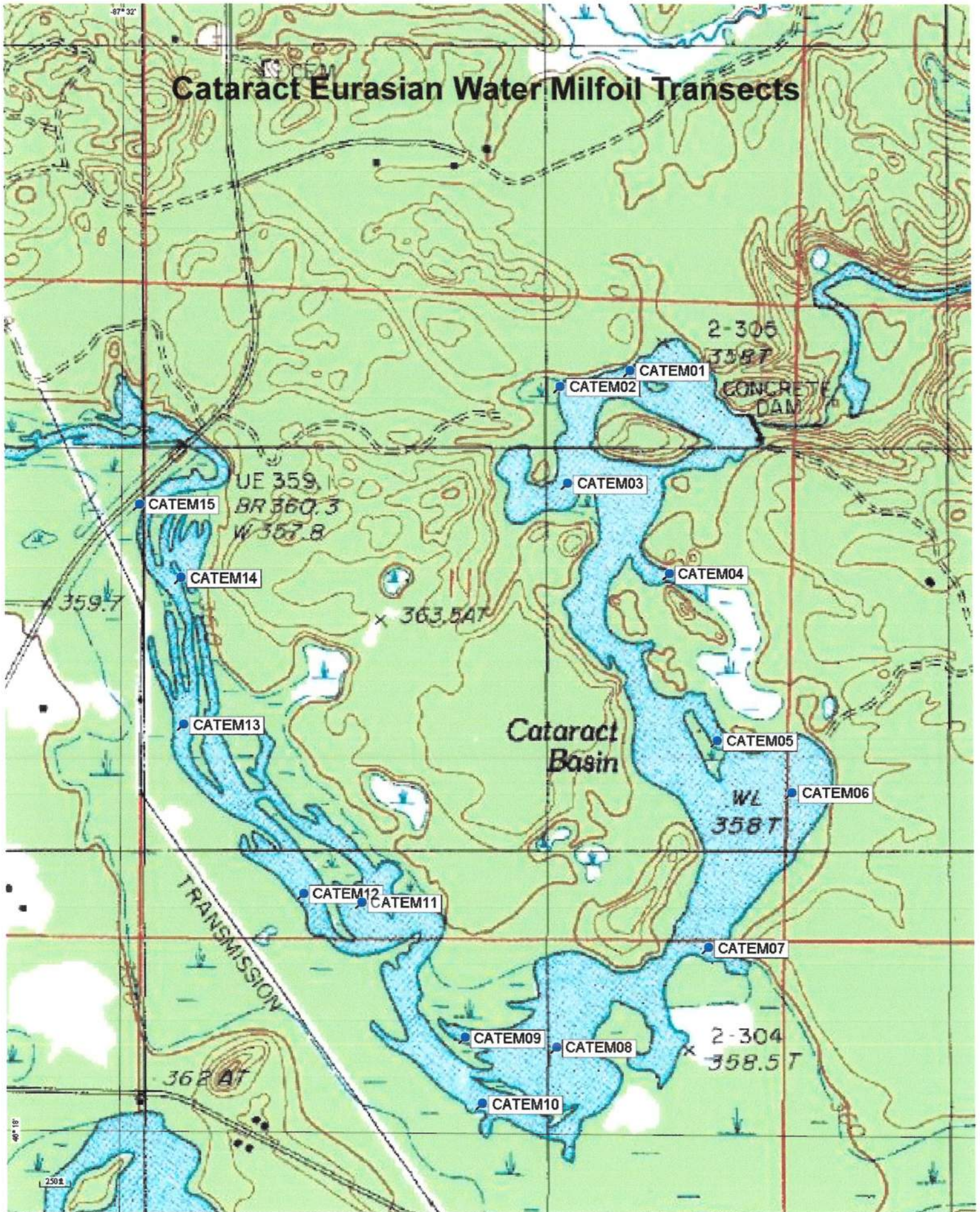
Transect #	0 - 0.5 M	0.5 - 1.5 M	1.5 - 3.0 M	> 3.0 M	Origin	Perimeter
1A	0	NA	NA	NA	46 19.022	
1B	0	NA	NA	NA	87 31.022	
1C	0	0	NA	NA		
2A	0	0	NA	NA	46 19.000	
2B	0	0	NA	NA	87 31.157	
2C	0	0	NA	NA		
3A	0	0	NA	NA	46 18.870	
3B	0	NA	NA	NA	87 31.142	
3C	0	NA	NA	NA		
4A	0	0	NA	NA	46 18.750	
4B	0	0	NA	NA	87 30.945	
4C	0	0	NA	NA		
5A	0	0	NA	NA	46 18.527	
5B	0	0	NA	NA	87 30.850	
5C	0	0	NA	NA		
6A	0	0	NA	NA	46 18.458	
6B	0	0	NA	NA	87 30.705	
6C	0	0	0	NA		
7A	0	0	NA	NA	46 18.250	
7B	0	0	NA	NA	87 30.867	
7C	0	0	NA	NA		
8A	0	0	NA	NA	46 18.115	
8B	0	0	NA	NA	87 31.160	
8C	0	0	NA	NA		
9A	0	0	NA	NA	46 18.127	
9B	0	0	NA	NA	87 31.337	
9C	0	0	NA	NA		
10A	0	NA	NA	NA	46 18.038	
10B	0	NA	NA	NA	87 31.302	
10C	0	0	NA	NA		
11A	0	0	NA	NA	46 18.307	
11B	0	0	NA	NA	87 31.537	
11C	0	0	NA	NA		
12A	0	0	NA	NA	46 18.318	
12B	0	0	NA	NA	87 31.650	
12C	0	0	NA	NA		
13A	0	0	NA	NA	46 18.543	
13B	0	0	NA	NA	87 31.882	
13C	0	0	NA	NA		
14A	0	NA	NA	NA	46 18.740	
14B	0	NA	NA	NA	87 31.888	
14C	0	0	NA	NA		
15A	0	0	NA	NA	46 18.838	
15B	0	0	NA	NA	87 31.970	
15C	0	0	0	NA		

N/A: Not Applicable

Abundance Scale: 0 = Absent, A = Found, B = Sparse, C = Moderate, D = Dense

Note: All transects are 40 feet in length and proceed away from shore in a direction perpendicular to the shoreline

# Cataract Eurasian Water Milfoil Transects



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