

**SCOMM**

**113:11**

# Alaska State Legislature



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State Capitol  
Room 411  
Juneau, Alaska 99801-1182

## Representative Gail Phillips

### Agenda

House Committee on Economic Development and Tourism Meeting  
August 18, 2000  
1:00pm - 6<sup>th</sup> Floor Conference Room  
Anchorage Legislative Offices

- I. Call to Order
- II. Roll Call
- III. Introduction of Guests
  - A. John Doyle, Executive Director, The Northern Forum
  - B. Ross Bowring, Manager, Business Development, Northwest Territories Housing Corporation
  - C. Marshall J. Wilson Director, Operations West, Northwest Territories Housing Corporation
  - D. Paul Johnson, Community Builder, U.S. Department of Housing and Urban Development
- IV. Brief Overview of The Northern Forum Projects, including Arctic Housing
- V. Historical perspective of Arctic housing development by Ross Bowring and Paul Johnson.
- VI. Explanation of Project development in Stebbins by Marshall Wilson
- VII. Brief overview of the Circumpolar 2000 Housing Conference in Yellowknife, NWT.
- VIII. Adjournment



U.S. Department of Housing and Urban Development  
Alaska State Office  
VECO Alaska Building  
Office of the Community Builders  
949 East 36<sup>th</sup> Avenue, Suite 401  
Anchorage, AK 99508-4399  
[www.hud.gov/local/anc/](http://www.hud.gov/local/anc/)

July 18, 2000

**MEMORANDUM FOR:** Colleen Bickford, Senior Community Builder OCS

*Original signed by*

*Paul O. Johnson*

**FROM:** Paul O. Johnson, Community Builder OCS

**SUBJECT:** Circumpolar Housing Forum 2000 - Yellowknife, N.W.T, Canada -  
September 20-22, 2000

The Northwest Territories Housing Corporation of Yellowknife, N.W.T. , Canada is a Government owned low-income housing provider in the Canadian Arctic. They have requested that I participate in the subject Housing Forum (letter attached). It is their intent that HUD would feature as a "best practice" the successful facilitation of our office to overcome the barriers and challenges to form an International Partnership to develop special needs housing in rural arctic Alaska. Specifically, our role in developing the Section 202 Low Income Elderly Housing in Stebbins, Alaska.

Forum 2000 is an opportunity to help circumpolar nations enhance their ability to finance and create economic development opportunities for housing; take advantage of the latest design and construction technologies; deal more effectively with health and housing issues, as well as examine and highlight sustainable communities and housing. Succeeding in these objectives will inevitably improve the social and economic welfare of those living in circumpolar nations.

The Northwest Territories Housing Corporation (NWT HC) in cooperation with the Northern Forum member countries and other organizations (including our own State owned Alaska Housing Finance Corporation) hosted a Circumpolar Housing Forum in Yellowknife, NWT, September 7 - 10, 1998. The Forum was designed to provide the participating organizations the practical information needed to examine their current and future capacity in the financing, designing, constructing and creating of economic development and trade opportunities for housing-related businesses in the circumpolar world.

The success of the 1998 Forum lead to the hosting of a second Circumpolar Housing Forum, September 20 -22, 2000. Circumpolar Housing Forum 2000 will build upon the momentum and interest established at Forum '98. Forum 2000 is different from Forum '98 in that it will introduce two new sub-themes: "Affordable Health Housing: The Challenge" and "Sustainable Communities and Housing." The international representation of both delegates and speakers, as well as the Trade Show component of Forum 2000, will be increased.

The Forum will be structured around four sub-themes:

1. **Modern Design and Construction Technologies: Best Practices.**
2. **Affordable Healthy Housing: The Challenge.**
3. **Business Opportunities in the Circumpolar North.**
4. **Sustainable Communities and Housing.**

The objectives of the Forum will be to:

- **Examine how governments and the private sector can better develop business opportunities in the circumpolar north.**
- **Showcase design and construction technologies for housing in cold weather environments.**
- **Examine and highlight the significant health issues that can be prevented through the proper design and construction of affordable housing in the circumpolar north.**
- **Examine and highlight sustainable communities and housing.**
- **Provide a matching of people with similar interests as well as encourage business-to-business networking amongst delegates and Trade Show exhibitors.**

In addition to meeting the main objectives of the Forum, the following ongoing benefits are expected:

- **Best practices in design and advanced construction technologies for housing in cold weather environments will be a major focus.**
- **Materials developed for use in the presentations may be used as public resource materials.**
- **Knowledge and information will be shared and transferred, as will pertinent training skills.**
- **The final report will provide practical recommendations and best practices in each of the four themes.**

The Alaska HUD Office, in partnership with AHFC, has previously benefited significantly from our good neighbor relationship with the Canadian affordable housing developers. It was N.W.T.'s Hot 2000 Energy Program that was the foundation of the present Alaska Energy Standards for Construction, the model for cold weather construction in the Country. Canadian technology also provided the Triodetic Multi-point Foundation System that was approved by HUD in 1996 for use in Alaska. This system, designed for arctic conditions, virtually eliminates structural damage caused by the effect of perma-frost soils on

conventional foundations. Use of the Canadian foundation system in our rural arctic communities has already resulted in a savings (projected to be in the millions of present and future dollars) of the retrofit costs traditionally spent to repair frost-heave damage to the supported structures.

It is felt that much has been gained by interfacing with our International counterparts in housing development who face the same conditions that are unique to the arctic. Much more will be gained with our active participation in the Circumpolar Partnership.

I am requesting that I be approved to attend the Circumpolar Housing Forum 2000 in Yellowknife, N.W.T., Canada. I would be representing the HUD Alaska Office and present the lessons learned from our facilitation of the Best Practice International Partnership development of the Stebbins Elderly Project. An additional travel appropriation of approximately \$3,000 will be required to cover airfare, per diem, and conference fees.



## Northwest Territories Housing Corporation

July 7, 2000

Mr. Paul Johnson  
Community Builder  
US Department of Housing and Urban Development  
University Plaza Building  
949 East 36<sup>th</sup> Avenue, Suite 401  
Anchorage, AK 99508-3399

Dear Mr. Johnson: *Paul*

### Circumpolar Housing Forum 2000

Circumpolar Housing Forum 2000 is a conference dealing exclusively with arctic housing issues. The Forum is held every second year and is jointly sponsored by the governmental housing agencies in Alaska, the Yukon, and the Northwest Territories with additional support by federal housing agencies and the private sector. Forum 2000 is being held in Yellowknife, NWT with future conferences planned every second year on a rotational basis in each of the sponsoring jurisdictions.

Of particular interest is the issue of community development as it relates to local infrastructure. Each of the sponsoring jurisdictions shares common geography, climate and culture although the approaches to local development vary. One of the highlights of the conference is to examine best practices and learn from each other's experiences. Your experience in rural Alaska in developing partnerships to create special needs housing would be beneficial to the conference. There will be a large contingent of Alaskans and other Northerners from the new housing associations that are being created and I feel we have an excellent opportunity to share our experiences with them as they develop.

I would therefore like to extend a formal invitation to yourself and HUD to participate in the conference. We would be pleased if you could attend as a panel member to discuss best practices in rural Alaska as well as highlight what you feel needs to occur for positive development. If you have any questions or concerns please contact me. You can also log on to our conference website at <http://nwthc.gov.nt.ca>. We look forward to seeing you.

Sincerely,

*R.K.B.*  
Ross K. Bowring  
Conference Chairman

## Supplemental Housing Development Program

July 2000

<b>Aleutian</b>			
Location	Number Houses	Grant Amount	
<b>Projects Completed</b>			
Akutan	26	\$507,641	
Atka	18	\$331,912	
False Pass	16	\$187,520	
King Cove	54	\$1,072,210	
Nelson Lagoon	10	\$129,080	
Nikolski	17	\$87,622	
Saint George	8	\$150,000	
Sand Point	85	\$1,004,220	
St. Paul	100	\$1,072,377	
Unalaska	178	\$880,166	
<b>Total Projects:</b>	<b>10</b>	<b>Total Houses:</b>	<b>512</b>
		<b>Total Funding:</b>	<b>\$5,422,748</b>
<b>Soon to be Developed Projects</b>			
Saint George	5	\$171,323	
Unalaska	15	\$541,563	
<b>Total Projects:</b>	<b>2</b>	<b>Total Houses:</b>	<b>20</b>
		<b>Total Funding:</b>	<b>\$712,886</b>
<i>Aleutian</i>	<b>Grand Total: 12</b>	<b>Grand Total: 532</b>	<b>Grand Total: \$6,135,634</b>

AVCEA		
Location	Number Houses	Grant Amount
Akiachak	24	\$442,560
Akiak	20	\$368,800
Alakanuk	21	\$522,169
Aniak	48	\$671,555
Aniak & 7 Villages	204	\$1,869,000
Bethel	185	\$1,969,648
Cheformak	30	\$380,744
Chevak	49	\$106,000
Chuathbaluk	13	\$239,720
Crooked Creek	28	\$276,600
Eek	12	\$298,382
Emmonak	171	\$1,066,317
Goodnews Bay	9	\$165,960
Hooper Bay	25	\$621,628
Kongiganak	30	\$842,257
Kwethluk	51	\$463,797
Lime Village	7	\$129,080
Lower Kalskag	26	\$479,440
Marshall	16	\$295,040
Mekoryuk	21	\$255,945
Mt. Village	74	\$1,364,560
Napakiak	25	\$148,372
Napaskiak	16	\$76,329
Newtok	9	\$30,600
Nightmute	11	\$374,822
Nunapitchuk	30	\$155,001
Oscarville	5	\$22,362
Pilot Station	57	\$1,051,080
Pitkas Point	16	\$60,505
Platinum	21	\$214,398
Quinhagak	6	\$110,640
Russian Mission	20	\$715,479
Scammon Bay	39	\$700,720
Sheldon Point	27	\$320,527
Sleetmute	18	\$284,506
St. Mary's	56	\$936,117
Stony River	16	\$210,871
Toksook Bay	25	\$461,000
Tuntutuliak	50	\$41,396
Upper Kalskag	37	\$1,014,250
<b>Total Projects:</b>	<b>40</b>	<b>Total Houses: 1548</b>
		<b>Total Funding: \$19,758,177</b>

<b>Projects Under Development</b>			
Chevak		20	\$803,472
Kotlik		19	\$725,440
Kwigillingok		20	\$740,553
Mekoryuk		19	\$290,176
Pilot Station		12	\$435,264
<b>Total Projects:</b>	<b>5</b>	<b>Total Houses: 90</b>	<b>Total Funding: \$2,994,905</b>
<b>Soon to be Developed Projects</b>			
Akiak		5	\$79,200
Alakanuk		9	\$142,560
Atmautluak		5	\$79,200
Chefomak		5	\$79,200
Hooper Bay		6	\$95,040
Napakiak		5	\$79,200
Napaskiak		5	\$79,200
Scammon Bay		5	\$79,200
Sheldon Point		5	\$79,200
<b>Total Projects:</b>	<b>9</b>	<b>Total Houses: 50</b>	<b>Total Funding: \$792,000</b>
<b>AVCP</b>	<b>Grand Total: 54</b>	<b>Grand Total: 1,688</b>	<b>Grand Total: \$23,545,082</b>

<b>Baranof Island</b>			
Location		Number Houses	Grant Amount
<b>Projects Completed</b>			
Sitka		120	\$1,562,817
<b>Total Projects:</b>	<b>1</b>	<b>Total Houses: 120</b>	<b>Total Funding: \$1,562,817</b>
<b>Projects Under Development</b>			
Sitka		20	\$542,844
<b>Total Projects:</b>	<b>1</b>	<b>Total Houses: 20</b>	<b>Total Funding: \$542,844</b>
<b>Baranof Island</b>	<b>Grand Total: 2</b>	<b>Grand Total: 140</b>	<b>Grand Total: \$2,105,661</b>

<b>Bering Straits</b>			
<b>Location</b>	<b>Number Houses</b>	<b>Grant Amount</b>	
<b>Projects Completed</b>			
Brevig Mission	40	\$983,948	
Gambell	20	\$621,798	
Golovin	13	\$239,720	
Koyuk	20	\$229,500	
Savoonga	20	\$621,798	
Shaktoolik	30	\$628,448	
Shishmaref	20	\$368,800	
St. Michael	15	\$401,334	
Stebbins	40	\$1,141,798	
Teller	19	\$350,360	
Unalakleet	30	\$351,600	
Wales	11	\$202,840	
White Mountain	30	\$351,600	
<b>Total Projects:</b>	<b>13</b>	<b>Total Houses:</b>	<b>308</b>
		<b>Total Funding:</b>	<b>\$6,493,544</b>
<b>Projects Under Development</b>			
Elim	20	\$781,428	
Golovin	5	\$200,000	
Koyuk	20	\$750,600	
Shishmaref	10	\$400,000	
St. Michael	1	\$24,154	
White Mountain	6	\$240,000	
<b>Total Projects:</b>	<b>6</b>	<b>Total Houses:</b>	<b>62</b>
		<b>Total Funding:</b>	<b>\$2,396,182</b>
<b>Soon to be Developed Projects</b>			
Nome	40	\$721,276	
St. Michael	16	\$320,000	
<b>Total Projects:</b>	<b>2</b>	<b>Total Houses:</b>	<b>56</b>
		<b>Total Funding:</b>	<b>\$1,041,276</b>
<b>Bering Straits</b>	<b>Grand Total: 21</b>	<b>Grand Total:</b>	<b>426</b>
		<b>Grand Total:</b>	<b>\$9,931,002</b>

<b>Bristol Bay</b>			
<b>Location</b>	<b>Number Houses</b>	<b>Grant Amount</b>	
<b>Projects Completed</b>			
Aleknagik	49	\$797,644	
Chignik Lagoon	30	\$553,200	
Dillingham	78	\$724,760	
Egegik	7	\$122,000	
Ekwok	100	\$715,000	
Iliamna	44	\$811,360	
Ivanof Bay	12	\$178,000	
King Salmon	21	\$213,450	
Kokhanok	18	\$395,000	
Levelock	15	\$276,600	
Manakotak	24	\$442,560	
New Stuyahok	13	\$423,972	
Newhalen	22	\$414,978	
Nondalton	16	\$408,333	
Perryville	14	\$423,688	
Pilot Point	11	\$202,840	
Port Heiden	25	\$461,000	
South Naknek	23	\$337,000	
Togiak	20	\$613,672	
Upper Nushag	30	\$553,200	
<b>Total Projects:</b>	<b>20</b>	<b>Total Houses:</b>	<b>572</b>
		<b>Total Funding:</b>	<b>\$9,068,257</b>
<b>Projects Under Development</b>			
Chignik Lagoon	16	\$199,248	
Koliganek	20	\$815,763	
<b>Total Projects:</b>	<b>2</b>	<b>Total Houses:</b>	<b>36</b>
		<b>Total Funding:</b>	<b>\$1,015,011</b>
<b>Bristol Bay</b>	<b>Grand Total: 22</b>	<b>Grand Total:</b>	<b>608</b>
		<b>Grand Total:</b>	<b>\$10,083,268</b>

<b>Cook Inlet</b>		
<b>Location</b>	<b>Number Houses</b>	<b>Grant Amount</b>
<b>Projects Completed</b>		
Anchorage	190	\$1,776,867
Eklutna	5	\$92,200
Seldovia	16	\$295,040
<b>Total Projects:</b>	<b>3</b>	<b>Total Houses: 211</b>
		<b>Total Funding: \$2,164,107</b>
<b>Projects Under Development</b>		
Anchorage	1	\$200,000
<b>Total Projects:</b>	<b>1</b>	<b>Total Houses: 1</b>
		<b>Total Funding: \$200,000</b>
<b>Soon to be Developed Projects</b>		
Anchorage	40	\$780,780
<b>Total Projects:</b>	<b>1</b>	<b>Total Houses: 40</b>
		<b>Total Funding: \$780,780</b>
<b>Cook Inlet</b>	<b>Grand Total: 5</b>	<b>Grand Total: 252</b>
		<b>Grand Total: \$3,144,887</b>

<b>Copper River Basin</b>		
<b>Location</b>	<b>Number Houses</b>	<b>Grant Amount</b>
<b>Projects Completed</b>		
Cantwell	12	\$75,000
Copper Center	50	\$773,125
Mentasta	24	\$442,160
<b>Total Projects:</b>	<b>3</b>	<b>Total Houses: 86</b>
		<b>Total Funding: \$1,290,285</b>
<b>Projects Under Development</b>		
Chistochina	6	\$191,625
Chitina	14	\$433,602
Gakona	6	\$184,712
Glennallen	12	\$316,044
<b>Total Projects:</b>	<b>4</b>	<b>Total Houses: 38</b>
		<b>Total Funding: \$1,125,983</b>
<b>Copper River Basin</b>	<b>Grand Total: 7</b>	<b>Grand Total: 124</b>
		<b>Grand Total: \$2,416,268</b>

<b>Interior</b>		
<b>Location</b>	<b>Number Houses</b>	<b>Grant Amount</b>
<b>Projects Completed</b>		
Allakaket	15	\$405,000
Anvik	20	\$357,050
Beaver	10	\$184,400
Birch Creek	10	\$235,197
Chalkyitsik	15	\$254,453
Circle	10	\$184,400
Fairbanks	28	\$588,359
Ft. Yukon	15	\$276,600
Grayling	14	\$232,460
Healy Lake	5	\$163,730
Holy Cross	80	\$508,800
Huslia	175	\$1,144,396
Kaltag	16	\$295,040
McGrath	15	\$270,140
Minto	50	\$922,000
Nenana	45	\$703,200
Nikolai	40	\$372,177
Northway	20	\$278,116
Rampart	40	\$343,934
Ruby	60	\$564,256
Shageluk	10	\$184,400
Tanana	25	\$450,000
Tetlin	10	\$366,409
Tok	12	\$178,788
Tok Area	125	\$862,103
<b>Total Projects:</b>	<b>25</b>	<b>Total Houses: 865</b>
		<b>Total Funding: \$10,325,408</b>
<b>Projects Under Development</b>		
Eagle	7	\$218,580
Fairbanks	1	\$25,000
Huslia	3	\$60,000
Rampart	1	\$25,000
Ruby	10	\$65,000
Tok	10	\$110,000
Various	40	\$769,559
<b>Total Projects:</b>	<b>7</b>	<b>Total Houses: 72</b>
		<b>Total Funding: \$1,273,139</b>
<b>Interior</b>	<b>Grand Total: 32</b>	<b>Grand Total: 937</b>
		<b>Grand Total: \$11,598,547</b>

<b>Kodiak Island</b>			
<b>Location</b>	<b>Number Houses</b>		<b>Grant Amount</b>
<b>Projects Completed</b>			
Kodiak		161	\$2,195,494
Larsen Bay		26	\$239,720
Old Harbor		15	\$276,600
Ouzinkie		27	\$502,093
Port Lions		35	\$645,400
<b>Total Projects:</b>	<b>5</b>	<b>Total Houses: 264</b>	<b>Total Funding: \$3,859,307</b>
<b>Soon to be Developed Projects</b>			
Larsen Bay		4	\$140,000
Ouzinkie		10	\$320,000
<b>Total Projects:</b>	<b>2</b>	<b>Total Houses: 14</b>	<b>Total Funding: \$460,000</b>
<b>Kodiak Island</b>	<b>Grand Total: 7</b>	<b>Grand Total: 278</b>	<b>Grand Total: \$4,319,307</b>

<b>Metlakatla</b>			
<b>Location</b>	<b>Number Houses</b>		<b>Grant Amount</b>
<b>Projects Completed</b>			
Metlakatla		95	\$2,524,380
<b>Total Projects:</b>	<b>1</b>	<b>Total Houses: 95</b>	<b>Total Funding: \$2,524,380</b>
<b>Soon to be Developed Projects</b>			
Metlakatla		96	\$105,130
<b>Total Projects:</b>	<b>1</b>	<b>Total Houses: 96</b>	<b>Total Funding: \$105,130</b>
<b>Metlakatla</b>	<b>Grand Total: 2</b>	<b>Grand Total: 191</b>	<b>Grand Total: \$2,629,510</b>

<b>N Pacific Rim</b>			
<b>Location</b>	<b>Number Houses</b>		<b>Grant Amount</b>
<b>Projects Completed</b>			
Chenega		21	\$387,240
Cordova		60	\$469,511
English Bay		20	\$199,000
Eyak		26	\$479,440
Port Graham		37	\$355,205
Seward		35	\$775,780
Tatitlek		18	\$331,920
Valdez		20	\$100,000
<b>Total Projects:</b>	<b>8</b>	<b>Total Houses: 237</b>	<b>Total Funding: \$3,098,096</b>
<b>Projects Under Development</b>			
Nanwalek		16	\$564,447
Valdez		20	\$625,370
<b>Total Projects:</b>	<b>2</b>	<b>Total Houses: 36</b>	<b>Total Funding: \$1,189,817</b>
<b>Soon to be Developed Projects</b>			
Tatitlek		6	\$231,800
<b>Total Projects:</b>	<b>1</b>	<b>Total Houses: 6</b>	<b>Total Funding: \$231,800</b>
<b>N Pacific Rim</b>	<b>Grand Total: 11</b>	<b>Grand Total: 279</b>	<b>Grand Total: \$4,519,713</b>

<b>Northwest Inupiat</b>			
<b>Location</b>	<b>Number Houses</b>		<b>Grant Amount</b>
<b>Projects Completed</b>			
Ambler		10	\$184,400
Buckland		38	\$447,450
Deering		10	\$58,745
Kiana		24	\$349,540
Kobuk		5	\$182,770
Kotzebue		179	\$2,545,687
Noatak		30	\$1,018,488
Noorvik		30	\$1,005,475
Selawik		80	\$1,294,660
Shungnak		38	\$643,156
<b>Total Projects:</b>	<b>10</b>	<b>Total Houses: 444</b>	<b>Total Funding: \$7,730,371</b>
<b>Soon to be Developed Projects</b>			
Deering		10	\$394,048
Kiana		6	\$275,313
Kivalina		30	\$589,039
<b>Total Projects:</b>	<b>3</b>	<b>Total Houses: 46</b>	<b>Total Funding: \$1,258,400</b>
<b>Northwest Inupiat</b>	<b>Grand Total: 13</b>	<b>Grand Total: 490</b>	<b>Grand Total: \$8,988,771</b>

<b>T&amp;N</b>			
<b>Location</b>	<b>Number Houses</b>		<b>Grant Amount</b>
<b>Projects Completed</b>			
Anaktuvuk Pass		10	\$92,200
Atkasuk		5	\$92,200
Barrow		114	\$3,398,327
Kaktovik		9	\$165,960
Point Hope		18	\$331,920
Point Lay		8	\$147,520
Wainwright		4	\$73,760
<b>Total Projects:</b>	<b>7</b>	<b>Total Houses: 168</b>	<b>Total Funding: \$4,301,887</b>
<b>Soon to be Developed Projects</b>			
Barrow		20	\$678,429
<b>Total Projects:</b>	<b>1</b>	<b>Total Houses: 20</b>	<b>Total Funding: \$678,429</b>
<b>T&amp;N</b>	<b>Grand Total: 8</b>	<b>Grand Total: 188</b>	<b>Grand Total: \$4,980,316</b>

<b>Tlingit Haida</b>			
<b>Location</b>	<b>Number Houses</b>		<b>Grant Amount</b>
<b>Projects Completed</b>			
Angoon		22	\$610,566
Craig		40	\$608,408
Hoonah		72	\$480,900
Hydaburg		50	\$626,604
Juneau		40	\$1,129,774
Kake		40	\$1,070,727
Klawock		45	\$1,162,927
Petersburg		20	\$583,760
Saxman		100	\$939,275
Wrangell		18	\$523,180
Yakutat		20	\$430,000
<b>Total Projects:</b>	<b>11</b>	<b>Total Houses: 467</b>	<b>Total Funding: \$8,166,121</b>
<b>Projects Under Development</b>			
Hoonah		40	\$704,255
<b>Total Projects:</b>	<b>1</b>	<b>Total Houses: 40</b>	<b>Total Funding: \$704,255</b>
<b>Tlingit Haida</b>	<b>Grand Total: 12</b>	<b>Grand Total: 507</b>	<b>Grand Total: \$8,870,376</b>

**Supplemental Housing Authority Totals:**

Projects:  Houses:  Funding:



LEGISL

SIGN-

SPONSOR: \_\_\_\_\_

SUBJECT: \_\_\_\_\_

START/END \_\_\_\_\_

PLEASE PRINT

	Name/Representing	Ac
1.	ROSS Bowring NWT Housing Corp	PO Box 210
2.	MARSHALL WILSON NWT Housing Corp	PO Box 210
3.	BESS Walsh Rep. FASTER	716 W 4th
4.	PAUL O. JOHNSON HUD	949 E 36th
5.		
6.		
7.		
8.		
9.		
10.		
11.		
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15.		