		Optical Reach =	= 350	Regenerators:	6, 7, 9								
Heuristic - RNRR			ILP										
Request Size	Total count	Max count	Time	Total Count	Max count	Time							
20	17	6	0.004										
40	29	10	0.008										
60	49	17	0.012										
80	62	21	0.018										
In	the above and be	low comparison e	nough wavelength	s are taken so the	at no request gets	blocked due to n	on-availability of w	avelength. MAX	Segment allowed	l = 4 (non-block	ing)		
		Heuristic - FSR				Heuristic	- RNRR			Heuristic -	FSR-RNRR		
Request Size	Total count	Maximum count	Median	S.D.	Total count	Max count	Median	S.D	Total count	Max count	Median	S.D	
100	70	31	22	5.8	80	27	27	0.47	70	24	1 24	0.94	
200	153	65	49	10.7	169	58	57	1.7	153	53	3 51	1.63	
300	228	96	73	15.25	249	83	83	0	228	78	3 77	2.16	
400													
500	382	160	123	25.1	427	144	143	1.7	382	131	1 128	3.3	
		Co	mparison of call	blocking proabi	litv with number	of wavelengths	allowed per link (W)					
	MAX Segme	nt allowed = 4 (n							ent allowed = 4 (n	on-blocking)			
Call blocki	ing probability com			Size = 300			Call blockin		parison due to wa		a Size = 500		
Heuristic	W = 10	W = 15	W = 20	W = 25		Heuristic	W = 20	W = 30	W = 40	W = 50	W = 60	W = 70	
FSR	0.35					FSR	0.54						
RNRR	0.32					RNRR	0.5			0.33			
FSR-RNRR	0.34					FSR-RNRR	0.54						
	0.01	0.0	0.20	0.20			0.01	0.10	0	0.00	0.02	0.0	
	Comparison of c	all blocking prob	ability with vary	ing number of al	lowable segmen	ts and maximum	number of allow	able regeneration	ons per node (RN)			
	•		V = 75, MAX Segi			to and maximum.		usio rogonorano		•	V = 120 MAX Sec	ment allowed = 3	
		104 0120 000, 1	ro, imporocgi	none unowed – e						Cq 5120 - 666, 1	1 120, III/Ot Ocg		
Heuristic	RN = 50	RN = 75	RN = 100	RN = 125				Heuristic	RN = 50	RN = 75	RN = 100	RN = 125	
FSR	0.39							FSR	0.35				
RNRR	0.39							RNRR	0.33	0.27			
FSR-RNRR	0.41							FSR-RNRR	0.37				
OK-KINIKIX	0.4	0.31	0.26	0.26				I GIN-INININ	0.33	0.27	0.19	0.19	
		or rea size = 500	W=75 MAY So	ament allowed -	: 2				For	reg size = 500	W = 120 MAY SA	gment allowed = 1	2
	For req size = 500, W = 75, MAX S euristic RN = 50 RN = 75 RN = 100		RN = 125				Heuristic	RN = 50	or req size = 500, W = 120, MAX Segment allowe RN = 75 RN = 100 RN = 125		-	-	
Heuristic								FSR	0.342				
Heuristic		0.50		0.29									
FSR	0.38			0.06				DNIDD			0.454	0.42	
		0.3	0.27					RNRR FSR-RNRR	0.36 0.35				