

Table S1. Dates of setting and hauling of strings during the six week study period. The red line is the date traps were set and subsequent grey lines denote hauling occasions. Soak time ranged from 2 to 7 days.

	Week 1			Week 2			Week 3			Week 4			Week 5			Week 6																									
	03-09-12	04-09-12	05-09-12	06-09-12	07-09-12	08-09-12	09-09-12	10-09-12	11-09-12	12-09-12	13-09-12	14-09-12	15-09-12	16-09-12	17-09-12	18-09-12	19-09-12	20-09-12	21-09-12	22-09-12	23-09-12	24-09-12	25-09-12	26-09-12	27-09-12	28-09-12	29-09-12	30-09-12	01-10-12	02-10-12	03-10-12	04-10-12	05-10-12	06-10-12	07-10-12	08-10-12	09-10-12	10-10-12	11-10-12		
String 1																																									
String 2																																									
String 3																																									
String 4																																									
String 5																																									
String 6																																									
String 7																																									
String 8																																									

Table S2. Reduced m-array format of MR data; R is the number of lobsters released at occasion i , and m the number of lobsters recaptured on occasion j .

Occasion	Releases	Recaptures				Not recaptured
		$j = 2$	$j = 3$...	J	
$i = 1$	R_1	$m_{1,2}$	$m_{1,3}$...	$m_{1,J}$	$R_1 - \sum_{j=2}^J m_{1,j}$
$i = 2$	R_2		$m_{2,3}$...	$m_{2,J}$	$R_2 - \sum_{j=3}^J m_{2,j}$
...
I	R_I				$m_{I,J}$	$R_I - \sum_{j=I}^J m_{I,j}$

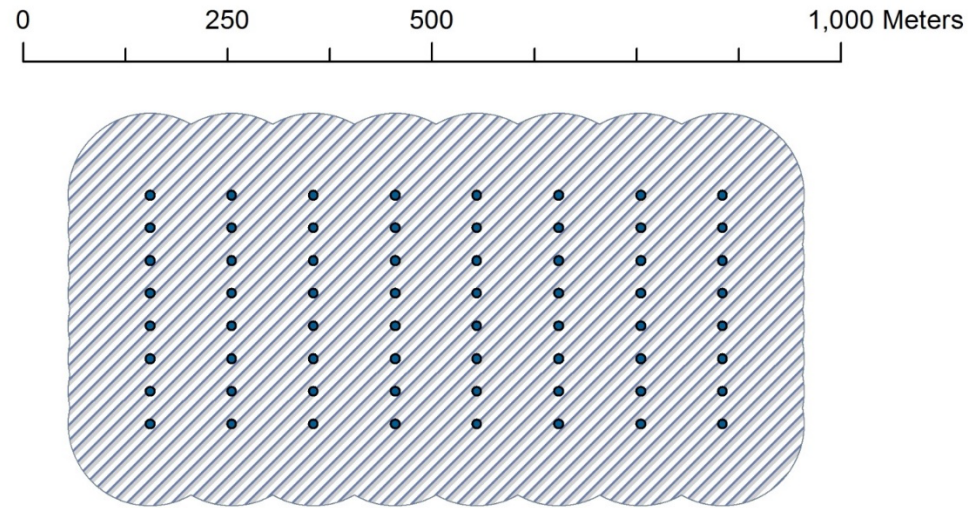


Figure S1: Capture area for the study formed from a minimum convex polygon of diameter 100 m radius around each trap. The area generated is 416,966 m²