Target	Area	Total	Survey	ATM Reflight	Grounding Line	IceSAT	Radar/Gravity
Sea Ice 1	Amundsen	12.2					R/G
Sea Ice 2	Weddell	10					R/G
Sea Ice 3	W Weddell	9.1					R/G
Sea Ice 4	Marginal	8.8					R/G
High Alt	E Ant	11				many	R/G
High Alt	PIG	11	3.9				R/G
Penn 1	Eltanin	10	3.8	08	700km	2a,2d	R/G
Penn 2	S Penn	8.3	4.1	08		2	
Penn 3	N Penn	8	4.6	02,08			
Penn 4	Larsen C	8.4	4.9	08			R/G
Penn 5	Evans	10.4	4.4			2a,3d	R/G
Penn 6	Larsen C	11.3	7.5			5a,5d	R/G
ACoast 1	Pine Isl (1)	10.9	4.5	02,04			
ACoast 2	Pine Isl (2)	10.8	3.6			6a 2d	R/G
ACoast 3	Tw-S-K (1)	10.5	3.7	02,04			
ACoast 4	Tw-S-K (2)	10.9	3.9			2a,2d	
ACoast 5	Tw-S-K (3)	10.7	3.9		1100km	1a,1d	R/G
ACoast 6	Getz	10.4	2.3		600km		R/G

Target	Area	Total hours	Survey hours	ATM Reflight	Grounding Line	# IceSAT	Radar/Gravity
Sea Ice 1	Amundsen	11					SnowR/G
Sea Ice 3	W Weddell	9.1					SnowR/G
Sea Ice 2	Weddell	10					SnowR/G
		30.0					
High Alt	E Ant	11				many	R/G
High Alt	PIG	11	3.9				R/G
		22					
Penn 1	Eltanin	10	3.8	08	700km	4	R/G
Penn 2	S Penn	10	4.1	08		2	R/G
Penn 3/4	Larsen C/N Penn	10.5	4.6	02,08	200 km		R/G
Penn 5	Evans	10.4	4.4			5	R/G
Penn 4/6	Larsen C	11.3	7.5	08		10	R/G
		52.2	24.4				
ACoast 1	Pine Isl (1)	10.9	4.5	02,04			
ACoast 2	Pine Isl (2)	10.8	3.6			8	R/G
ACoast 3	Tw-S-K 1/2	10.5	3.7	02,04		4	
ACoast 5	Tw-S-K (3)	10.7	3.9		1100km	2	R/G
ACoast 6	Getz	10.4	2.3		600km		R/G
		53.3	18				

Principles:

- Link Icesat I and II
- Extend ATM Time Series
- Recover Ice thickness and Bed information’s for supporting models

Ideal Design

- Long Flow Line
- Gates