2	Jan 2012	Jan 2013	Jan 2014	Jan 2015	Jan 2016
2 - 27 - 14 - 13 - 21 -	TEMPERATE BLOOMS UPWELLING WARM, BLOOMS, HIGH NUTS	TEMPERATE BLOOMS UPWELLING BUBTROPICAL GYRE MESOSCALE INFLUENCE WARM, BLOOMS, HIGH NUTS	TEMPERATE BLOOMS UPWELLING SUBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS	TEMPERATE BLOOMS UPWELLING WARM, BLOOMS, HIGH NUTS	TEMPERATE BLOOMS UPWELLING SUBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS
7 - 17 - 15 - 12 -	TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR
3 - 8 - 11 - 1 -	TROPICALISUBTROPICAL TRANSITION I I I I I I I	TROPICALISUBTROPICAL TRANSITION I I I I I I I I	TROPICAL SUBTROPICAL TRANSITION I I I I I		TROPICAL SUBTROPICAL TRANSITION I I I I
2 - 27 -	Feb 2012	Feb 2013	Feb 2014	Feb 2015	Feb 2016
14 - 13 - 21 - 7 -	TEMPERATE BLOOMS UPWELLING SUBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION	TEMPERATE BLOOMS UPWELLING SUBTROPICAL GYRE MESOS WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION	TEMPERATE BLOOMS UPWELLING SUBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION	TEMPERATE BLOOMS UPWELLING WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION	TEMPERATE BLOOMS UPWELLING WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION
17 - 15 - 12 - 3 -	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR TROPICAL SUBTROPICAL TRANSITION	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR I	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR TROPICAL SUBTROPICAL TRANSITIC	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR TROPICAL SUBTROPICAL TRANSITION	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR TROPICAL SUBTROPICAL TRANSITION
8 - 11 - 1 -	Mar	Mar	Mar	Mar	Mar
2 - 27 - 14 -	2012	2013	2014 TEMPERATE BLOOMS UPWELLIN	2015	2016 TEMPERATE BLOOMS UPWELLING
13 - 21 - 7 - 17 -	SUBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS	SUBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW, NUTRIENT STRESS	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS
15 - 12 - 3 - 8 - 11 -	TROPICAL SEAS SUBPOLAR TROPICAL SUBTROPICAL TRANSITION	TROPICAL SEAS SUBPOLAR TROPICAL SUBTROPICAL TRANSITION I I	TROPICAL SEAS SUBPOLAR I	TRORICAL SEAS SUBPOLAR I I I I	TROPICAL SEAS SUBPOLAR I I I
1 -	Apr 2012	Apr 2013	Apr 2014	Apr 2015	Apr 2016
2 - 27 - 14 - 13 - 21 -	TEMPERATE BLOOMS UPWELLING SUBTROPICAL GYRE MESOSCALE INFLUEN WARM, BLOOMS, HIGH NUTS	TEMPERATE BLOOMS UPWELLING SUBTROPI WARM, BLOOMS, HIGH NUTS	HYPERSALINE EUTROPHIC, PERSIAN GULF, RED SEA TEMPERATE BLOOMS UPWE	TEMPERATE BLOOMS UPWELLING SUBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS	SUBPOLAR TRANSITION TEMPERATE BLOOMS UPWELLING SUBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS
7 - 17 - 15 - 12 -	TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR
3 - 8 - 11 - 1 -	TROPICAL SUBTROPICAL TRANSITION I I I I I	TROPICAL SUBTROPICAL TRANSITION I I I I I I I I I I	TROPICAL SUBTROPICAL TRA	TROPICAL SUBTROPICAL TRANSITION INDOPACIFIC SUBTROPICAL GYRE TROPICAL SUBTROPICAL UPWELLING I	TROPICAL SUBTROPICAL TRANSITION I I I I I I
2 - 27 -	May 2012	May 2013 SUBPOLAR TRANS HYPERSALINE EUTROPHIC, DETROMA OU 5 DED 054	May 2014 HYPERSALINE EU	May 2015 HYPERSALINE EUTROPHIC,	May 2016 HYPERSALINE EUTROPHIC,
14 - 13 - 21 - 7 -	TEMPERATE BLOOMS UPWELLING WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION	PERSIAN GULF, RED SEA TEMPERATE BLOOMS UPWELLING WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION	PERSIAN GULF, R TEMPERATE BLOOMS UPWELLING WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION	PERSIAN GULF, RED SEA TEMPERATE BLOOMS UPWELLING SUBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION	PERSIAN GULF, RED SEA TEMPERATE BLOOMS UPWELLING SUBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION
17 - 15 - 12 - 3 -	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR I	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR TROPICAL SUBTROPICAL TRANSITION	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR TROPICAL SUBTROPICAL TRANSITION	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR TROPICAL SUBTROPICAL TRANSITION
8 - 11 - 1 -	Jun	Jun	Jun	TROPICAL SUBTROPICAL UPWELLING NORTH ATLANTIC SPRING, ACC TRANSITION Jun	Jun
2 - 27 - 14 -	2012 TEMPERATE BLOOMS UPWELLING	2013 TEMPERATE BLOOMS UPWELLING	2014 TEMPERATE BLOOMS UPWELLING	HYPERSALINE EUTROPHIC, PERSIAN GULF, RED SEA TEMPERATE BLOOMS UPWELLING	2016 TEMPERATE BLOOMS UPWELLING
13 - 21 - 7 - 17 -	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS	\$UBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS
15 - 12 - 3 - 8 -	TROPICAL SEAS SUBPOLAR I I I	TROPICÁL SEAS I I I I I	TROPICAL SEAS SUBPOLAR I I I	TROPICAL SEAS SUBPOLAR I I I	TROPICAL SEAS TROPICAL SUBTROPICAL TRANSITION I I I
Seascape Category	Jul 2012	Jul 2013	Jul 2014	NORTH ATLANTIC SPRING, ACC TRANSITION Jul 2015	Jul 2016
14 - 13 -	TEMPERATE BLOOMS UPWELLING	TEMPERATE BLOOMS UPWELLING	HYPERSALINE EUTROPHIC, PERSIAN GULF, RED SEA TEMPERATE BLOOMS UPWELLING SUBTROPICAL GYRE MESOSCALE INFLUENCED	TEMPERATE BLOOMS UPWELLING	TEMPERATE BLOOMS UPWELLING
21 - 7 - 17 - 15 - 12 -	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR
3 - 8 - 11 - 1 -		TROPICALISUBTROPICAL TRANSITION I I I I		TROPICAL SUBTROPICAL TRANSITION I I I I	
2-	Aug 2012	Aug 2013	Aug 2014	Aug 2015	Aug 2016
27 - 14 - 13 - 21 - 7 -	TEMPERATE BLOOMS UPWELLING WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION	TEMPERATE BLOOMS UPWELLING WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION	TEMPERATE BLOOMS UPWELLING WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION	TEMPERATE BLOOMS UPWELLING WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION	TEMPERATE BLOOMS UPWELLING I WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION
17 - 15 - 12 - 3 -	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR TROPICAL SUBTROPICAL TRANSITION	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR TROPICAL SUBTROPICAL SUB	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR TROPICAL SUBTROPICAL TRANSITION
8 - 11 - 1 -	Sep	Sep	Sep	Sep	Sep
2 - 27 - 14 -	TEMPERATE BLOOMS UPWELLING	2013 TEMPERATE BLOOMS UPWELLING	2014 TEMPERATE BLOOMS UPWELLING	2015 HYPERSALINE EUTROPHIC, PERSIAN GULF, RED SEA TEMPERATE BLOOMS UPWELLING	2016 TEMPERATE BLOOMS UPWELLING
13 - 21 - 7 - 17 -	SUBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRAN LOW NUTRIENT STR	SUBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS	SUBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROBICAL SEAS
15 - 12 - 3 - 8 - 11 -	TROPICAL SEAS SUBPOLAR TROPICALISUBTROPICAL TRANSITION I I I I	TROPICAL SEAS SUBPOLAR TROPICAL SUBTROPICAL TRANSITION I TROPICAL SUBTROPICAL UPWELLING	TROPICAL SEAS SUBPOLAR TROPICAL SUBTROPICAL TRANSITION I I I	TROPICAL SEAS SUBPOLIAR I I I I I	TROPICAL SEAS SUBPOLAR TROPICAL SUBTROPICAL TRANSITION I I I
1 -	Oct 2012	Oct 2013	Oct 2014	Oct 2015	Oct 2016
2 - 27 - 14 - 13 - 21 -	TEMPERATE BLOOMS UPWELLING WARM, BLOOMS, HIGH NUTS	TEMPERATE BLOOMS UPWELLING WARM, BLOOMS, HIGH NUTS	TEMPERATE BLOOMS UPWELLING SUBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS	TEMPERATE BLOOMS UPWELLING WARM, BLOOMS, HIGH NUTS	TEMPERATE BLOOMS UPWELLING I WARM, BLOOMS, HIGH NUTS
21 - 7 - 17 - 15 - 12 -	TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW, NUTRIENT STRESS TROPICAL SEAS SUBPOLAR
3 - 8 - 11 - 1 -	 			NORTH ATLANTIC SPRING, ACC TRANSITION	TROPICAL SUBTROPICAL TRANSITION I I I I I
2 - 27 -	Nov 2012	Nov 2013	Nov 2014	Nov 2015 HYPERSALINE EUTROPHIC, DEBRIAN DILLE DED SEA	Nov 2016
14 - 13 - 21 - 7 -	TEMPERATE BLOOMS UPWELLING WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTRODUCAL TRANSITION	TEMPERATE BLOOMS UPWELLIN WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION	TEMPERATE BLOOMS UPWELLING SUBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION	PERSIAN GULF, RED SEA TEMPERATE BLOOMS UPWELLING SUBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION	TEMPERATE BLOOMS UPWELLING SUBTROPICAL GYRE MESOSCALE INFLUENCED WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION
17 - 15 - 12 - 3 -	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR TROPICALI SUBTROPICAL TRANSITION	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR TROPICAL SUBTROPICAL TRANSITION	SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS SUBPOLAR TROPICAL SUBTROPICAL TRANSITION
8 - 11 - 1 -	Dec	Dec	Dec	NORTH ATLANTIC SPRING, ACC TRANSITION Dec	NORTH ATLANTIC SPRING, ACC TRANSITION Dec
2 - 27 - 14 -	TEMPERATE BLOOMS UPWELLING	2013 TEMPERATE BLOOMS UPWELLING	2014 TEMPERATE BLOOMS UPWELLING	2015 TEMPERATE BLOOMS UPWELLING	2016 TEMPĒRATE BLOOMS UPWELLING
13 - 21 - 7 - 17 -	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS	WARM, BLOOMS, HIGH NUTS TEMPERATE TRANSITION SUBTROPICAL TRANSITION LOW NUTRIENT STRESS TROPICAL SEAS
15 - 12 - 3 - 8 - 11 -	TROPICAL SEAS SUBPOLAR I I I	TROPICAL SEAS SUBPOLAR I I I I I	TROPICAL SEAS SUBPOLAR TROPICALISUBTROPICAL TRANSITION I	TROPICAL SEAS SUBPOLAR	TROPIÇAL SEAS
1-	0 1 2 3 4 5	0 1 2 3 4 5	0 1 2 3 4 5 Likelihood Ratio (P(effort) / P(sample))	NORTH ATLANTIC SPRING, ACC TRANSITION 0 1 2 3 4 5	0 1 2 3 4 5