

MARCOOS CALL – FRIDAY 13 MARCH 2009

LARRY ATKINSON
BILL BOICOURT
MATT OLIVER
NANCY VERONA
TOM WAZNIAK
TOM FAKE
EOIN
WENDELL
SCOTT GLENN
JOSH KOHUT
JOHN KERFOOT
COURTNEY KOHUT

PLANNING

- GLIDER IS READY TO BE DEPLOYED – RU21
- PULLED UP SATELLITE INFORMATION
- CONTACT WITH THE RV SHARPE
- JOSH AND MATT ARE COORDINATING THE SHARPE
- WILL FLY OVER THE GLIDER TO CALIBRATE
- RU27 IS ON ITS TEST FLIGHTS – EXTENDED PAYLOAD BAY.
- WANT TO FLY 23, FLY ON A PARALLEL TRACK WITH THE SHARPE
- JOHN MANDERSON – ANY MODIFICATIONS FROM THE ROUTE – WHEN DO WE WANT TO GO OUT TO MAKE SURE WE HIT THE TRANSITIONS OF THE SEASONS
 - INTERESTED IN FULL WATER COLUMN DATA
- ANYTHING SPECIAL NEEDED FROM THE MODELERS?
 - TEMPERATURE SECTIONS THIS WEEK TO HELP FORECAST NEXT WEEK
 - MAY BE IN A RAW FORM, MAYBE NOT BE IN OPEN DAP FORM – BUT WILL TRY TO GET THAT TO YOU
 - ANY ADVANTAGE OF MAPPING OF WATER MASS FOR THE MODELING?
 - CTD LIKE DATA FROM THE GLIDERS, WHEREVER FLYING THE GLIDERS, ON THE SHELF MAYBE
 - MID TO OUTER SHELF IS THE HARDER REGION
- GOOGLE EARTH FILES THAT POP UP THE GLIDER TRACK AND YOU CAN ZOOM IN AND OUT ON THAT.
 - OUR GLIDER FLEET DEPLOYMENT PAGE FROM THE RUCOOL.MARINE.RUTGERS.EDU, IS ACTIVE DEPLOYMENTS PAGE AND THERE'S A TABLE SHOWING WHICH GLIDERS ARE DEPLOYED, JUST ABOVE THAT THERE'S SOMETHING THAT SAYS GOOGLE EARTH KMZ FILES WHICH WILL DISPLAY A TRACK FOR EVERY SERVICING. UPDATED EVERY 5 MINUTES
 - WILL PUT ON THE MARCOOS SAKAI WEB SITE TODAY
- LIST OF THE WAVEPOINTS? PLOT A PREVIOUS MISSION AND PLOT IT.
- COORDINATE OF WHERE THE NEW GLIDER WILL BE – FOR THE SHARPE

CODAR

- COUPLE WEEKS AWAY FROM TURNING THIS ON OPERATIONALLY
- SHORT TERM PREDICTION SYSTEM FOR SEARCH AND RESCUE
- NETWORK UPDATE: HUGH: NETWORK IS WORKING WELL. ADAM, CHRIS AND TERESA WERE ON THE PHONE
 - JUST HIRED A NEW PERSON HERE AT RUTGERS
 - ADDED TWO SITES TO THE NETWORK – PUERTO RICO AND LITTLE ISLAND
 - NEW SITE AT MARTHAS VINEYARD IN MAY – 11NMHZ
- JOSH: SEEING OI, IS AS GOOD, BUT AS YOU GET OUT TOWARDS THE END OF COVERAGE, SEEMS TO HELP FILL SOME OF THE GAPS
 - MAKING NET CDF'S
 - PUT IT ON THE NATIONAL GRID FOR THE NETWORK, 6 KM GRID FOR THE REGION
 - WHEN AND HOW WE SWITCH OVER
 - ONE ISSUE: RELATED TO FILL VALUES, WHERE NET CDFS, THEY ARE READING FILL VALUES AT 0 VALUE, SO NO DATA, 0 CURRENT
 - STPS: TODD ; LOOK AT THE PERFORMANCE, TAKING OUT SITES THAT WERE PROBLEMATIC. OTHERWISE NOTHING GOING ON WITH ID. IF GRID IS DIFFERENT THAN THE OLD GRID, MAY CAUSE PROBLEMS
 - IF THE SAME GRID, THEN NOT AN ISSUE

MODELERS

- AVIJIT: FINALLY AFTER TWO MONTHS OF LOOKING AT CLOUDS, NOW HAVE A CONTRACT WITH JENNIFER, STARTING IN MARCH. JUST STARTED REAL-TIME FORECAST AND NO DELAY IN THIS ANYMORE. WILL TRACK THE GULF STREAM THREE TIMES A WEEK. MONDAY, WEDNESDAY AND FRIDAY.
- WEEKLY FORECAST AND EVERY WEDNESDAY RUN THEM.
- ASSIMILATION OF SST FROM DE-CLOUDED IMAGERY
- SHELF SLOPE REGION DATA NEEDED FOR GLIDER

- ROMS: NOW ASSIMILATE EVERYTHING NOW – SST, CTD, GLIDER...ETC
- WE ARE THINKING ABOUT DOING 3 DAY FORECAST EVERY DAY AND THE DATA STREAMS WILL BE SST, ALONG TRACK, SSH, AND COLOR EVENTUALLY
- RIGHT NOW WE DO NOT HAVE THE SYSTEM WORKING OPERATIONALLY – WILL DO THE NEXT MONTH. NEED TO DO THINGS TO MAKE SURE CAN WORK REAL TIME
- BEEN USING BLENDED SST – BUT USUALLY A DELAY OF 2 OR 3 DAYS
- MODELS INTO EDS, WHICH MAY HAPPEN OVER THE NEXT YEAR: SCOTT

WIND

- AL COPE TO PRODUCE WIND FILES, MADE MAPS FROM THEM
- HTML OF DAILY STATISTICS TO SEE HOW MODELS ARE RUNNING
- ALL DATA IN THERE
- CAN MODELERS USE THAT FORMAT? SCOTT
- EOIN: NEED TO INTEGRATE WHAT IS GOING ON AT THE INSTITUTIONS

- TEMPERATURE
- SALINITY
- SEA LEVEL
- SURFACE CURRENTS
- OCEAN COLOR
- SURFACE WAVES
- SEA SURFACE WINDS

NAFRA MEETING:

BILL

- BUDGET RUN DOWN FROM ZDENKA
 - SAME CUTS AS LAST YEAR
 - ABOUT \$700K LEFT OVER IF FUND EVERYONE
 - WOULD GO INTO SHORING UP THE HF RADAR SYSTEM
 - SYMBOLIZES WHAT WE CAN DO TOGETHER
 - WHAT KIND OF IMPACT THAT SMALL AMOUNT WOULD HAVE ON YOUR PROGRAM
 - NOT SPREAD OUT UNIFORMLY, BUT TO FILL GAPS TO GIVE CA A LITTLE MORE MONEY
 - HAVE A BUNCH OF RADARS SITTING ON SHELVES
 - \$500 K TO CALIFORNIA? WOULD LOOK GOOD AS A NATIONAL PROGRAM
 - BRIDGE GAP BETWEEN CANADA AND US
 - NEIL PETTIGREW VERY INTERESTED IN COLLABORATING WITH US (SAW IN LONDON)
- SCOTT: COORDINATE INTO ONE NEOS NETWORK. IS PLAN NEIL WAS HOPING TO IMPLEMENT

NEXT MEETING – MPLEMB, 2009 10:00 A.M.