

List of Pages and Lines Exempt from Disclosure

Task Order 9 - Cost Proposal		
Pages 1-2	All lines	Delete the values associated with the price, total contract amounts, pricing rates, and hours. These deletions are essential to prevent a competitor from obtaining access to SAIC confidential financial information critical to our proposal effort. Release of this data could give a competitor an unfair advantage in future procurements by allowing them to underbid SAIC.

Task Order 9 - Task Management Plan		
Page 2 Page 3 Page 7 Page 8	Lines 6-43 Lines 1-20 Lines 30-44 Lines 1-19	These pages describe SAIC's technical approach for accomplishing the Industrial Facility project SOW. This approach is a result of SAIC's own creative knowledge and experience and is not publicly available. Release of this confidential information would cause substantial harm to SAIC's competitive posture on future procurements by allowing competitors to duplicate this technical approach to SAIC's detriment.
Page 8	Lines 24-26	Delete the names of SAIC personnel. Release of the names of SAIC personnel would allow competitors

		the ability to contact these personnel for the purpose of pirating them away from SAIC, thereby harming our competitive position.
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Task Order 9 - Work Breakdown Structure/GANTT		
(1) Dated Mon 3/27/06 (2) Dated 6/16/05	All Pages (2) All Pages (4)	Delete SAIC's estimated hours for the described taskings. This deletion is essential to prevent a competitor from obtaining access to SAIC confidential pricing information critical to our proposal effort. Release of this data could give a competitor an unfair advantage in future procurements by allowing them to underbid SAIC.

D. Laurent

ORDER FOR SUPPLIES OR SERVICES

PAGE

OF PAGES

1

3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER March 2005		2. CONTRACT NO. (if any) QA133005CO1035		6. SHIP TO: WG953023		
ORDER NO. 0009		4. REQUISITION/REFERENCE NO. NWWG9500-5-24854		a. NAME OF CONSIGNEE NATIONAL DATA BUOY CENTER		
ISSUING OFFICE Address correspondence to: WG953023 NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 DENNIS E. MORRIS 228-688-1705 TO: 00004157 TIN: 953630868				b. STREET ADDRESS RESOURCES BRANCH /W/OPS53 BUILDING 1100		
				c. CITY STENNIS SPACE CENTER		e. ZIP CODE 39529-6000
				d. STATE MS		
				f. SHIP VIA		
Name of Contractor SAIC DUNS: 148095086				8. TYPE OF ORDER		
Company Name SCIENCE APPLICATIONS INTERNATIONAL CORPORATION				a. PURCHASE		X b. DELIVERY
Street Address 10260 CAMPUS POINT DRIVE MAIL STOP G2				REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.		
City SAN DIEGO e. State CA f. Zip 921211578				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.		
ACCOUNTING AND APPROPRIATION See Attached Schedule BOC: OBLIGATED AMT: \$149,787.01				10. REQUISITIONING OFFICE wg952023		

BUSINESS CLASSIFICATION (Check appropriate box(es))

a. SMALL b. OTHER THAN SMALL c. DISADVANTAGED d. WOMEN-OWNED

12. F.O.B. POINT DESTINATION		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE 31 Mar 2006		16. DISCOUNT TERMS 00.00% 0 Days Net 0	
13. PLACE OF INSPECTION		b. ACCEPTANCE					

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
	SEE SCHEDULE					

18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
21. MAIL INVOICE TO:						
a. NAME CENTRAL ADMIN SUPPORT CENTER /CC						17(i) GRAND TOTAL
b. STREET ADDRESS (or P.O. Box) 601 EAST 12TH STREET						
c. CITY KANSAS CITY		d. STATE MO		e. ZIP CODE 64106		

SEE BILLING INSTRUCTIONS ON REVERSE

22. UNITED STATES OF AMERICA BY (Signature) *[Signature]* 8/10/05

23. NAME (Typed) TIMOTHY D. BLACK 228-688-2382
(TITLE CONTRACTING/ORDERING OFFICER)

ORDER FOR SUPPLIES OR SERVICES - Continuation

PAGE 2	OF PAGES 3
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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 10 Aug 2005	CONTRACT NO. (if any) QA133005CO1035	ORDER NO. 0009
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LINE NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
0001	<p>TASK ORDER 05-TOS-09 - MANAGE NDBC ELECTRONICS, TESTING, CALIBRATION AND INDUSTRIAL FACILITIES.</p> <p>Provide all labor and materials to accomplish management of NDBC Electronics, Testing, Calibration, and Industrial Facilities in accordance with the Task Management Plan (TMP). The performance period for this task order is 07/01/2005-03/31/06.</p> <p>FFP</p> <p>Accounting and Appropriation Data: 14.05.C8M5J11PK431040401005.2006000095 020000.25130000 \$ 149,787.01</p>	1	JB	149,787.01	149,787.01	

DHILL

AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT

1. Contract ID Code Page of Pages
1 2

Amendment/Modification No. 0001
3. Effective Date Mar 31, 2006
4. Requisition/Purchase Req. No. NWWG9502-6-27625
5. Project No. (if applicable)
Issued By Code WG953023
7. Administered By (if other than Item 6) Code
SEE BLOCK 6

Name and Address of Contractor (No., Street, County, and Zip Code)
SCIENCE APPLICATIONS INTERNATIONAL CORP Vendor ID: 00004157
260 CAMPUS POINT DRIVE DUNS: 148095086
MAIL STOP G2
SAN DIEGO CA 921211578 CAGE: OT5L1
9A. Amendment of Solicitation No.
9B. Date (See Item 11)
10A. Modification of Contract/Order No.
QA1330-05-CQ-1035 0009
10B. Date (See Item 13)
Aug 10, 2005

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended is not extended.
By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.
Accounting and Appropriation Data (if required)
Schedule \$ US 48,695.71

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.
This change order is issued pursuant to: (Specify authority) The changes set forth in Item 14 are made in the Contract Order No. in Item 10A.
B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set forth in Item 14, pursuant to the authority of FAR 43.103 (b)
C. This supplemental agreement is entered into pursuant to authority of:
In scope change within the terms and conditions of the task order by mutual agreement
D. Other (Specify type of modification and authority)

IMPORTANT: Contractor is not is required to sign this document and return 3 copies to the issuing office.

Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to extend the performance period of CLIN 0001 and add funds. The accounting and appropriation data is new to this task order.
See page 2 for the details of CLIN 0001. Add the following funds to this task order for CLIN 0001:

1406D8M6J11PK437040406001200600009502000025130000 \$46,800.00
14064RM6J00PMM37040401005200600009502000025130000 \$1,895.71

Name and Title of Signer (Type or Print)
Amanda Carey
SAIC Contracts Rep.
16A. Name and title of Contracting Officer (Type or Print)
TIMOTHY D. BLACK
Contracting Officer
tim.black@noaa.gov
15C. Date Signed
3/31/06
16B. United States of America
16C. Date Signed
3/31/06

SCHEDULE

Item No.	Supplies/Service	Quantity	Unit	Unit Price	Amount
	<p>TASK ORDER 05-TOS-09 - MANAGE NDBC ELECTRONICS, TESTING, CALIBRATION AND INDUSTRIAL FACILITIES.</p> <p>Provide all labor and materials to accomplish management of NDBC Electronics, Testing, Calibration, and Industrial Facilities in accordance with the Task Management Plan (TMP). The performance period for this task order is 07/01/2005-06/30/06.</p> <p>FFP</p> <p>Accounting and Appropriation Data: 14.06.4RM6J00PMM3 7040401005.200600009502 0000.25130000 US\$ 1,895.71 14.06.D8M6J11PK43 7040406001.2006000095020 000.25130000 US\$ 46,800.00 14.05.C8M5J11PK43 1040401005.2006000095020 000.25130000 US\$ 149,787.01</p>	1	JB	198,482.72	198,482.72

Title of Task Order:	Manage NDBC Electronics, Testing, Calibration, and Industrial Facilities
NDBC Branch:	OPS 52 – Observing Systems Branch
Performance Period:	07-01-05 to 03-31-06
Task Order Type: (FFP or CPFF)	FFP
Purpose: (How this TO relate's to NDBC's Mission or What Problem needs to be solved)	<p>Support the National Weather Service (NWS) Marine Observation Network (MON) by insuring all required tools, equipment, and documentation are available and functional to support a comprehensive calibration, corrective and preventive maintenance program to enable the MON platforms to deliver reliable, timely, accurate data.</p> <p>Maintain and Operate NOAA-NDBC's Electronics, Testing, Calibration, and Industrial Facilities including all portable and installed industrial equipment.</p> <p>Provide coordination for commercial and SSC support services as needed to respond to mission needs.</p>
Background:	<p>NDBC has requirements to supply timely, accurate, and reliable marine atmospheric and oceanographic data. The NDBC Electronics, Testing, Calibration, and Industrial Facilities with all the portable and installed equipment have been developed to support this requirement.</p> <p>ELECTRONICS, TESTING, AND CALIBRATION FACILITIES: The Electronics, Testing, and Calibration Facilities consist of essentially five different work areas:</p> <ul style="list-style-type: none"> • Electronics, Testing, and Calibration Laboratory in building 3205 • Payload Laboratory in building 3205 • Metrological/Oceanographic Calibration Laboratory in building 3203 • Oceanographic Calibration Laboratory currently being developed in building 3206 • Sensor Test Facility 1 <p>The Electronics, Testing, and Calibration Laboratory in building 3205 includes the consumable parts room, Temperature chambers, and Humidity, Altitude, and Temperature (HAT) chamber. This area is used for LRU repair and calibration as well as the fabrication and testing of electronics to support engineering efforts.</p> <p>The Payload Laboratory in building 3205 is essentially the engineers</p>

	<p>laboratory for the development and testing payload software.</p> <p>The Metrological/Oceanographic Calibration Laboratory in building 3203 includes the wind tunnel, walk-in environmental chamber, Primary Pressure Laboratory, humidity generator, Ocean Wave Instrument Facility, and the future hydrostatic pressure ocean depth simulator system.</p> <p>The Oceanographic Calibration Laboratory currently being developed in building 3206 will consist of temperature controlled baths, salinity baths, and pressure standards to calibrate oceanographic conductivity, temperature, and depth sensors.</p> <p>The Sensor Test Facility is an outdoor testbed that includes the compass rose and towers for in-situ testing of environmental sensors.</p> <p>INDUSTRIAL FACILITY: The Industrial Facility consists of a High Bay where buoy refurbishment and integration occurs, and a low bay area where metal fabrication and metal working machines (mills, lathes, shears, etc...) are located. NOAA NDBC also has an inventory of heavy lift equipment belonging to the Industrial Facility</p> <p>In addition, there is a rack integration area, essentially a clean room where electronic racks are integrated prior to installation, and a cable fabrication area.</p> <p>There is a Paint and Sandblast area located to the rear of building 3203, as well as the buoy row area which is used for testing and storage. These areas, as well as the canal area and boat house immediately adjacent to the wharf are considered part of the Industrial Facility.</p>
<p>Scope of Effort:</p>	<p>The scope of this task order is to manage and maintain all the tools, equipment, and documentation required to fabricate, calibrate, maintain, troubleshoot, repair, upgrade, or replace the sensors, power systems, payloads, communication components, and any other miscellaneous electronic items required to support the MON and NDBC's mission in compliance with applicable federal, state, local laws or regulations, NASA, NOAA, NWS, and NDBC instructions, directives, or procedures.</p> <p>Provide recommendations for replacement or upgrade of technology or tools or equipment as they are identified as obsolete, unsupported, cost to maintain or repair is greater than or equal to 65% the cost of replacement, require improvement to enhance</p>

	<p>reliability, or require improvement to add a required capability not available with existing tools or equipment.</p> <p>Operate and manage the NDBC test equipment and Testing and Calibration facilities to include Meteorology Calibration Laboratories, Ocean Sensor Calibration Laboratory, Sensor Test Facility (STF), electronics shop(s) and laboratories, and associated equipment, test chambers, test equipment, external and internal powered tools, hand tools and documentation.</p>
<p>Tasks:</p>	<p>The tasks related to the this task order include but are not limited to:</p> <ol style="list-style-type: none"> 1. Oversee and Operate Electronics, Testing, Calibration, and Industrial Facilities during normal business hours. 2. Perform all preventive or service maintenance on internally or externally powered tools, hand tools, carts, service vehicles, test equipment, and all other GFE as specified by the owner's/operator's manual(s) or accepted commercial practices. 3. Coordinate or perform maintenance, as appropriate of Government owned heavy equipment in accordance with recommended equipment maintenance schedules and Master PM Schedule. 4. Make corrective repairs to Government equipment if necessary. 5. Make recommendations on replacement of tools and equipment. 6. Routinely clean up work product waste and ensure the facility is kept in good order. 7. Prepare a management plan for this task order, detailing NTSC recommendations and planning goals for practical management and control responsibilities. 8. Operate and Manage the NDBC test equipment for the Testing and Calibration facilities and provide life cycle test equipment and facility operation and management support. 9. Manage the repair, maintenance, functional and operational testing and calibration of all NDBC test equipment and testing and calibration facilities, including ground truth equipment. 10. Prepare material service requests (MSRs), purchase requests, specifications, and other procurement related documents, as necessary to maintain an adequate inventory of all required test

equipment.

11. Keep all test and calibration facilities, including test equipment and tools, fully functional, calibrated, and with adequate spares to maintain unbroken operation during calibration intervals.
12. Prepare documentation, as required, for procurement of all necessary spare and replacement parts, maintenance materials, raw materials, and services from vendors as needed.
13. Monitor equipment performance and changes in LRU testing requirements, and develop a plan recommending scheduled procurement of new or replacement portable and benchtop test equipment, tools, and test facility/stand equipment in a timely manner, as required to provide continuous support to the NWS MON.
14. Conduct a complete review of test equipment and tools being sent out for NASA calibration, and revise the schedule as required redistribute the equipment availability in quarterly or semiannual cycles. Update or develop the Management Plan for Test and Calibration Equipment Support Program, detailing NTSC recommendations and planning goals for practical management and responsibility of the program.
15. Operate and maintain the NWS/NDBC Pressure Standards Laboratory. Provide calibration support for NWS, VOS, and other barometers, as necessary.
16. Establish and maintain operating procedures and operator training for all critical specialized benchtop and portable test equipment, automated test stands and special purpose test facilities, such as the OWIF, OSTF, Automated Humidity test stand, etc.
17. Provide the following functions, in accordance with all applicable current instructions and directives:
 - a. Develop a system for pick-up and delivery of equipment from the various areas of use at NDBC to be repaired and/or calibrated at the SSC Calibration Laboratory. Insure that suitable replacements are available when equipment is out of service for calibration. Insure that each piece of equipment delivered to the NASA cal lab under this TO is traceable by its job number on the NASA MTR form.
 - b. Provide a controlled environment storage area for all

	<p>equipment not in use or awaiting repair/shipment, and insure that the operational status of all stored test equipment is readily visible.</p> <ul style="list-style-type: none"> c. Assign calibration intervals to all newly procured test equipment, after delivery and processing. d. Specialized test equipment and accessories that require special handling and operator training, such as the laboratory standards, shall be kept in controlled storage and signed out to only qualified personnel, as required. <p>18. Execute Hurricane Preparation Plan.</p> <p>19. Coordinate with commercial support services such as, but not limited to equipment repair and maintenance, boat inspections, generator inspection and maintenance. For the purpose of this task order, coordination includes but is not limited to:</p> <ul style="list-style-type: none"> a. Performing market survey to gather pricing and needed sources for subsequent procurement. b. Preparation of purchase requests and statement of work. c. If requested by the Contracting Officer in writing, submit a Technical Proposal for contracting the activity directly. <p>20. Maintain and operate the Handar/Vaisala DRGS system in continuous operation on the network, and verify network data archival and access, as required.</p> <p>21. Maintain the Telonics Argos receiving (LUT) system in continuous operation on the network, and verify network TDD and GPS location data archival and access, as required. Provide technical support to install and checkout any new Telonics ARGOS Ground Receiving Station equipment received, as needed.</p>
<p>Assumptions/ Constraints (Security, Safety, Accessibility, etc...)</p>	<ul style="list-style-type: none"> 1. All work will be performed in compliance with applicable federal, state, local laws or regulations, NASA, NOAA, NWS, and NDBC instructions, directives, or procedures as well as other Federal, State, and local regulations 2. NTSC shall have in place a safety and environment safety program (this function is covered under another Task Order). 3. All preventive or service maintenance will be performed as required by the owner's/operator's manual(s) or accepted commercial practices for internally or externally powered tools, hand tools, carts, service vehicles, test equipment, and all other GFE.

Deliverables:	<ol style="list-style-type: none"> 1. Industrial facilities and associated work areas shall be available to meet the requirements of any work required to meet the support requirements of the MON or any special/unique project. 2. A preventive maintenance (PM) or service maintenance log shall be maintained and made available for inspection by NDBC upon request. The log may be hard copy or electronic but shall be readily available and a back-up copy shall be maintained. This log shall be updated with each PM or service maintenance performed on the day the maintenance was performed. 3. Continuous operational availability of all NDBC test equipment, repair and calibration facilities in support of NDBC Mon and special projects, including electronics laboratory facilities, wind tunnel, pressure standard laboratory, automated test stands and chambers, and sensor test facility. 4. Monthly performance reports delivered four days following the end of a period which summarize the actual and budgeted cost, schedule, and performance information from an earned value management system and present the results of the earned value analysis. 5. Test Equipment and Facility Management Plan that includes the Management Plan for Test and Calibration Equipment Support Program. Draft NLT 8/31/05, Final NLT 11/31/05.
GFE/GFI:	<p>GFE/GFI is available to support this effort. The Government will make available payloads, sensors, consumables, internally and externally powered fixed and portable tools, hand tools, shop, and lab equipment and space. GFE/GFI lists can be found by referring to Section J of this solicitation. The Government requests your technical proposal state whether you intend to utilize the available GFE/GFI. Your cost proposal shall reference whether you will use GFE/GFI and the cost impact of that decision.</p>
Program Objectives/ Possible Performance Measures:	<p>The Government requires this task order have performance-based measures that align with the Statement of Objectives and Program Goals contained in this solicitation. The contractor is required to provide a list of proposed measures for this task order with goals for level of service and the outcomes for achieving/not achieving those goals.</p>
Inspection/Acceptance:	<p>Periodic and final inspection and acceptance of all work performed, reports generated, and other deliverables will be conducted by the COTR or other designee.</p>
Travel:	<p>Travel is not required to support this task order.</p>

Required information and/or submittals to be included in the required Task Management Plan (TMP):	<ol style="list-style-type: none">1. An Approach and Management Plan for managing and maintaining the GFE identified in this task order.2. Task Management Plan<ol style="list-style-type: none">a. Work Breakdown Structure (WBS)b. GANTT schedulec. Performance Specifications and metricsd. Cost, Schedule and Performance Metrics3. Task Order Cost Proposal

TASK MANAGEMENT PLAN

TASK ORDER NUMBER: 05-TOS-09-REVISED TO- #09 Modification 0002 for Manage NDBC Electronics, Testing, Calibration and Industrial Facilities Managing Facilities and Test Equipment-0001_v1

TITLE: Manage NDBC Electronics, Testing, Calibration and Industrial Facilities

PERIOD OF PERFORMANCE: July 1, 2005 – March 31, 2006 April 01 2006 to 30 June 2006

Type: **FFP**

1.01 SCOPE:, ASSUMPTIONS

a. General. Operated by SAIC technicians, the Industrial Facility -- which includes the Electronics, Testing, and Calibration Laboratory in 3205, the Payload Laboratory in 3205, the Meteorological/Oceanography Calibration Laboratory in 3203, the Sensor Test Facility, the planned Oceanographic Calibration Laboratory in 3206 and the industrial areas in Bldg 3203 -- will be maintained and managed to satisfy all NDBC operational requirements. SAIC will identify and replace costly, unsupportable, unreliable, and obsolete components and equipment, as well as test and integrate new sensors for deployment. **1.1 SCOPE:** SAIC will assign managers and establish all processes, attain credentials, and perform all work required to manage and maintain the tools, equipment, and documentation necessary to operate, fabricate, calibrate, maintain, troubleshoot, repair, upgrade, or replace sensors, power systems, payloads, industrial machinery, communications components, or any other electronic components needed to support the MON NOOS and NDBC's mission in full compliance with all federal, state and local laws, as well as NASA, NDBC, NOAA, and NWS directives. The scope of work is similar to the work undertaken in the last year. during the last period of performance.

b. Statement of Work. Operated by certified technicians, the Industrial Facility, which includes the Electronics, Testing, and Calibration Laboratory in 3205, the Payload Laboratory in 3205, the Meteorological/Oceanography Calibration Laboratory in 3203, the Sensor Test Facility, the planned Oceanographic Calibration Laboratory in 3206 and the industrial areas in Bldg 3203, will permit SAIC to identify and replace costly, unsupportable, unreliable, and obsolete components and equipment, as well as test and integrate new sensors for deployment. SAIC will assign managers and establish all processes, attain credentials, and perform all work required to manage and maintain the tools, equipment, and documentation necessary to operate, fabricate, calibrate, maintain, troubleshoot, repair, upgrade, or replace sensors, power systems, payloads, industrial machinery, communications components, or any other electronic components needed to support the NOOS and NDBC's mission in full compliance with all federal, state and

TASK MANAGEMENT PLAN

TASK ORDER NUMBER: 05-TOS-09-REVISEDTO- #09 Modification 0002 for Manage NDBC Electronics, Testing, Calibration and Industrial Facilities Managing Facilities and Test Equipment-0001_v1

local laws, as well as NASA, NDBC, NOAA, and NWS directives. The scope of work is similar to the work undertaken during the last period of performance.

2. 1.2 ASSUMPTIONS:

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

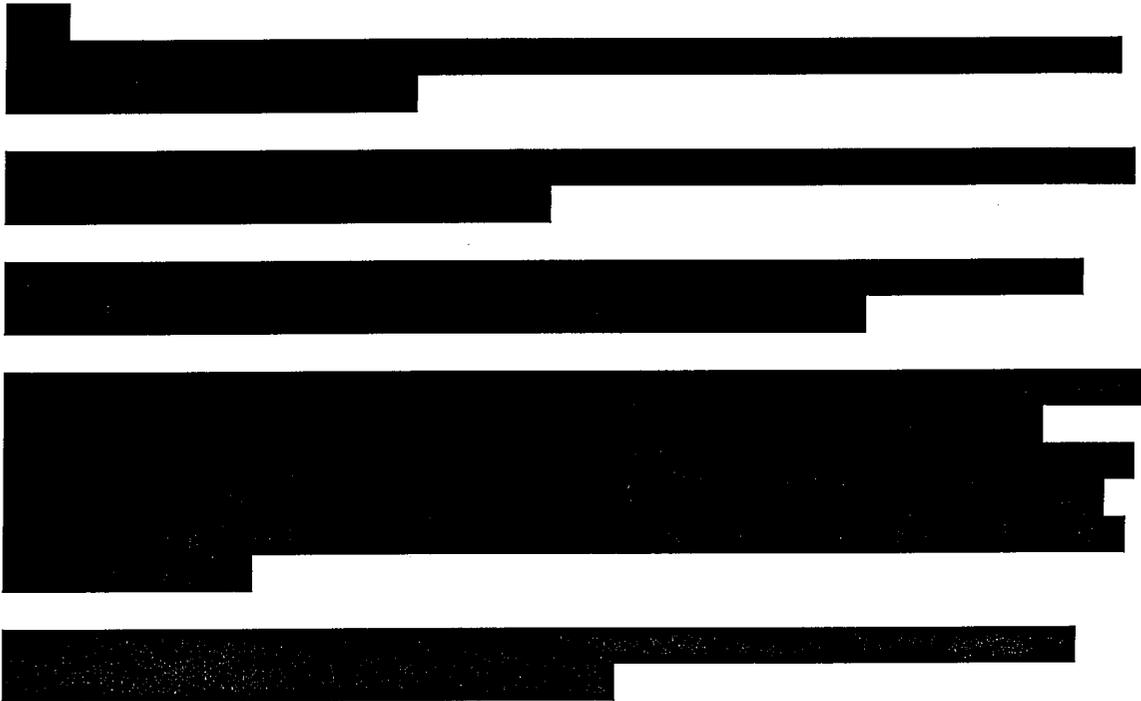
[REDACTED]

[REDACTED]

[REDACTED]

TASK MANAGEMENT PLAN

TASK ORDER NUMBER: 05-TOS-09-REVISED TO- #09 Modification 0002 for Manage NDBC Electronics, Testing, Calibration and Industrial Facilities Managing Facilities and Test Equipment-0001_v1



2.03. SOW/TECHNICAL APPROACH

a. **2.1 Statement of Work:** The objectives of this task order (TO) are that: SAIC will assign managers and qualified technicians from the Operations Department to operate and maintain the Industrial Facility, and all associated calibration and electronics laboratories, during normal business hours. Duties under this associated with this general tasking are broken out under the following categories:

- Facility Operations
- Maintenance
- Repair
- Testing and Calibration

b. and incorporate these functions: include: Given these categories, SAIC will:

- **2.1.1** Performing preventive maintenance on all tools, equipment, and GFE as specified in the operator's manual or accepted commercial practice.

2.1.2 • Coordinate/perform maintenance of all government-owned heavy equipment in accordance with OEM maintenance schedules and instructions.

TASK MANAGEMENT PLAN

TASK ORDER NUMBER: 05-TOS-09-REVISED TO- #09 Modification 0002 for Manage NDBC Electronics, Testing, Calibration and Industrial Facilities Managing Facilities and Test Equipment-0001_v1

- 2.1.3• Effect repairs to government equipment if necessary.
- 2.1.4• Make minor equipment replacement recommendations when necessary.
- 2.1.5• Keep workspaces clean and safe, and keep all equipment in good working order.
- 2.1.6• Operate, and provide life cycle management support for all test equipment.
- 2.1.7• Manage repair, maintenance, testing and calibration of all test equipment and calibration facilities, including ground truth equipment.
- 2.1.8• Prepare material service requests (MSRs), purchase requests, specifications, and other procurement-related documents to support and maintain an adequate inventory of required test equipment.
- 2.1.9• Maintain all facilities and test equipment fully functional, calibrated and properly supported with spare parts.
 - Document and procure as needed all spare parts, maintenance materials, raw materials, and services from qualified vendors. All costs will be on a reimbursable basis.
- 2.1.11• Monitor equipment performance and changes in LRU testing requirements, and develop a scheduled replacement plan for calibration tools and equipment to keep pace with MON NOOS component requirements.
 - Review tools and test equipment sent for NASA or OEM calibration, and execute a formal schedule in quarterly or semiannual cycles.
 - Update the Management Plan for Test and Calibration Equipment Support Program with recommendations for practical equipment management.
- 2.1.13• Operate and maintain the NWS/NDBC Pressure Standards Laboratory, and provide support for NWS, VOS, and other barometers as necessary.
- 2.1.14• Maintain operating procedures and provide scheduled training for all critical benchtop and portable test equipment, automated test stands, and special purpose test equipment.

TASK MANAGEMENT PLAN

TASK ORDER NUMBER: 05-TOS-09-REVISED TO- #09 Modification 0002 for Manage NDBC Electronics, Testing, Calibration and Industrial Facilities Managing Facilities and Test Equipment-0001_v1

- 2.1.15• Develop and operate a pick-up and delivery system for equipment calibrated at the SSC Calibration Laboratory, and track status with job numbers using NASA forms.
- 2.1.16• Provide a controlled environment storage area for all in-process equipment, and ensure that the operational status of each piece is readily visible.
- 2.1.17• Assign calibration intervals in accordance with MIL or OEM standards to all newly procured test equipment.
- 2.1.18• Control issue of all special test equipment, and limit issue of items requiring special handling to qualified personnel only.
- 2.1.19• If directed by NDBC, execute the Hurricane Preparation Plan. If directed by NDBC.
- 2.1.20• Coordinate commercial inspection, maintenance and equipment repair as required. During this POP, SAIC will secure and engage Kossen Equipment, Inc to perform the annual maintenance on the 100kw generator for Bldg 3203.
- 2.1.21• Maintain and operate the Handar/Vaisala DRGS system in continuous operation. Verify network data archival and access as required.
- 2.1.22• Maintain the Telonics Argos receiving (LUT) system in continuous operation. Verify TDD and GPS location data archival and access. Install and test new Telonics ARGOS Ground Receiving Station equipment.

4. 2.2 Management Approach MANAGEMENT APPROACH (SAIC will:)

a. To satisfy all technical requirements within this Task Order, SAIC will:

- Regularly review staffing resources against workload to forecast and adjust available manpower to current and projected tasking.
- Operate and maintain all functions of the Industrial Facility and Calibration Laboratories needed to meet NOOS requirements.

2.2.2• Develop, execute and document a Preventive Maintenance Schedule (PMS) on all test equipment. The updated PMS log will be available for government inspection at any time.

TASK MANAGEMENT PLAN

TASK ORDER NUMBER: 05-TOS-09-REVISED TO- #09 Modification 0002 for Manage NDBC Electronics, Testing, Calibration and Industrial Facilities Managing Facilities and Test Equipment-0001_v1

2.2.3• Sustain continuous operational availability NDBC test equipment, and repair and calibration equipment to support the MON NOOS and special projects.

- Deliver monmonthly performance reports summarizing actual and budgeted cost of operating the Industrial Facility and Calibration Laboratory per this tasking, to include schedule and performance information, and present the information in terms of Earned Value Management.

2.2.5• Maintain and update the Test Equipment and Facility Management Plan. Coordinate and apply findings from the annual NDBC Equipment Performance Summary with practical equipment management described in the Management Plan for Test and Calibration Equipment Support Program for optimized test equipment performance.

2.2.6 See Attachment A: WBS layout

3.05. SCHEDULE

3.1 See Attachment C: Program Performance Schedule

6. 3.2 Delivery Schedule DELIVERABLES

Deliverables/Submittals	Due Date
Industrial facilities and associated work areas shall be available to meet the requirements of any work required to meet the support requirements of the NOOS or any special/unique project.	On-going
A preventive maintenance (PM) or service maintenance log shall be maintained and made available for inspection by NDBC upon request. The log may be hard copy or electronic but shall be readily available and a back-up copy shall be maintained. This log shall be updated with each PM or service maintenance performed on the day the maintenance was performed.	On-going
Continuous operational availability of NDBC test equipment, repair and calibration facilities in support of NDBC NOOS and special projects, including electronics laboratory facilities, wind tunnel, pressure standard laboratory, automated test stands and chambers, and sensor test facility.	On-going

TASK MANAGEMENT PLAN

TASK ORDER NUMBER: 05-TOS-09-REVISED TO- #09 Modification 0002 for Manage NDBC Electronics, Testing, Calibration and Industrial Facilities Managing Facilities and Test Equipment-0001_v1

4.0 DELIVERABLES

Deliverables/Submittals	Acceptance Criteria
Industrial facilities and associated work areas shall be available to meet the requirements of any work required to meet the support requirements of the MON NOOS or any special/unique project.	Available, functioning facilities
A preventive maintenance (PM) or service maintenance log shall be maintained and made available for inspection by NDBC upon request. The log may be hard copy or electronic but shall be readily available and a back-up copy shall be maintained. This log shall be updated with each PM or service maintenance performed on the day the maintenance was performed.	Upon submission
Continuous operational availability of NDBC test equipment, repair and calibration facilities in support of NDBC MON NOOS and special projects, including electronics laboratory facilities, wind tunnel, pressure standard laboratory, automated test stands and chambers, and sensor test facility.	Available, functioning facilities

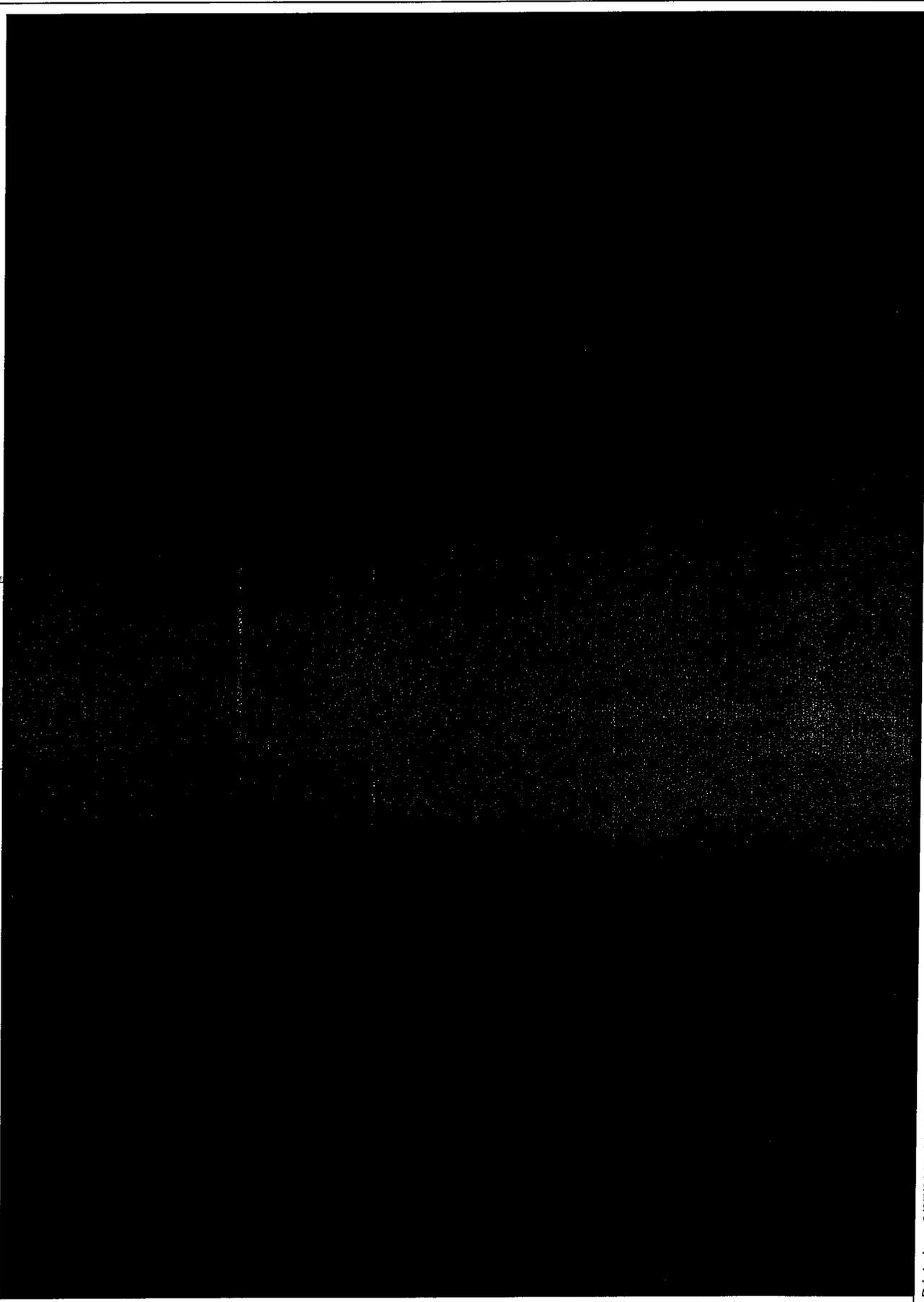
5.08. PERFORMANCE SPECIFICATIONS AND METRICS

(Amanda - These were the original metrics: still OK???)



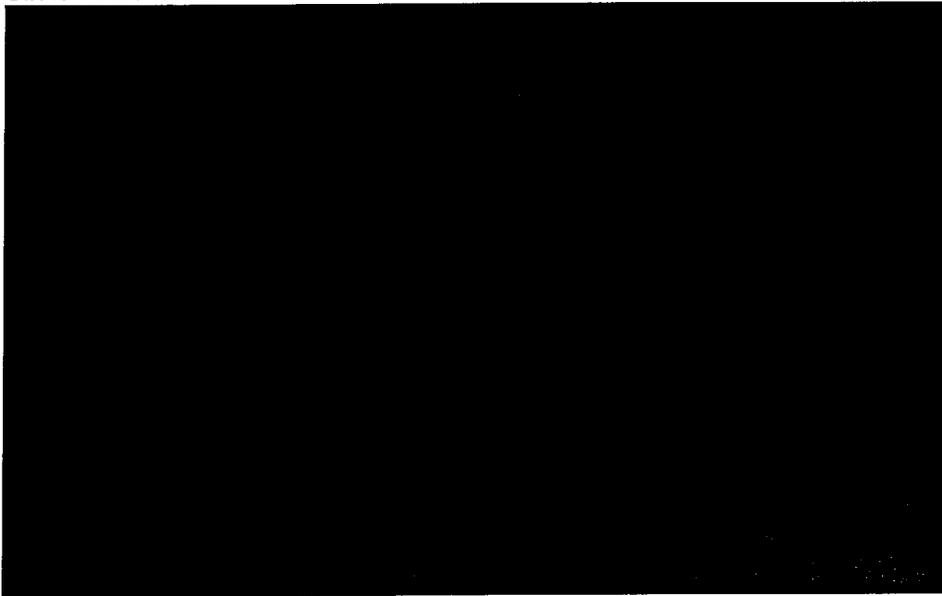
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[Redacted]	[Redacted]	[Redacted]
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[Redacted]	[Redacted]	[Redacted]

TO-09-0001_V1 - Extend
Facility Maintenance



TASK ORDER #9
Manage NDBC Electronics, Testing, Calibration, and Industrial Facilities
POP: 07/01/05-03/31/06

DIRECT LABOR HOURS



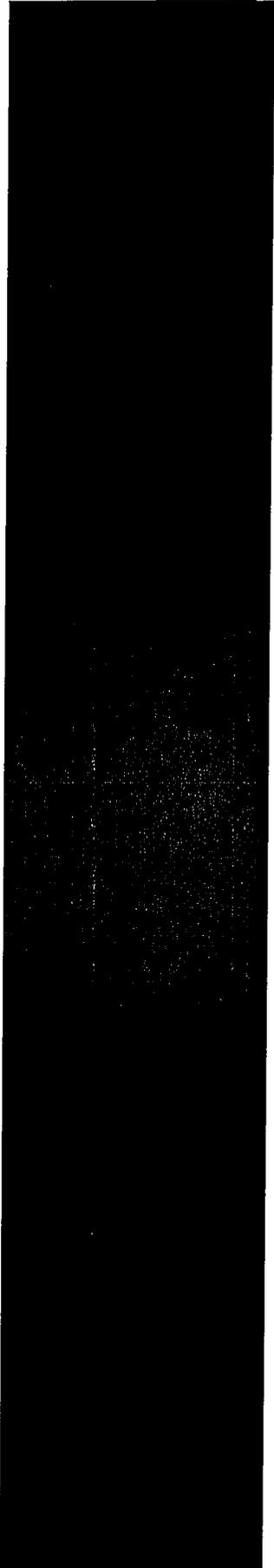
Task Order No.

#9

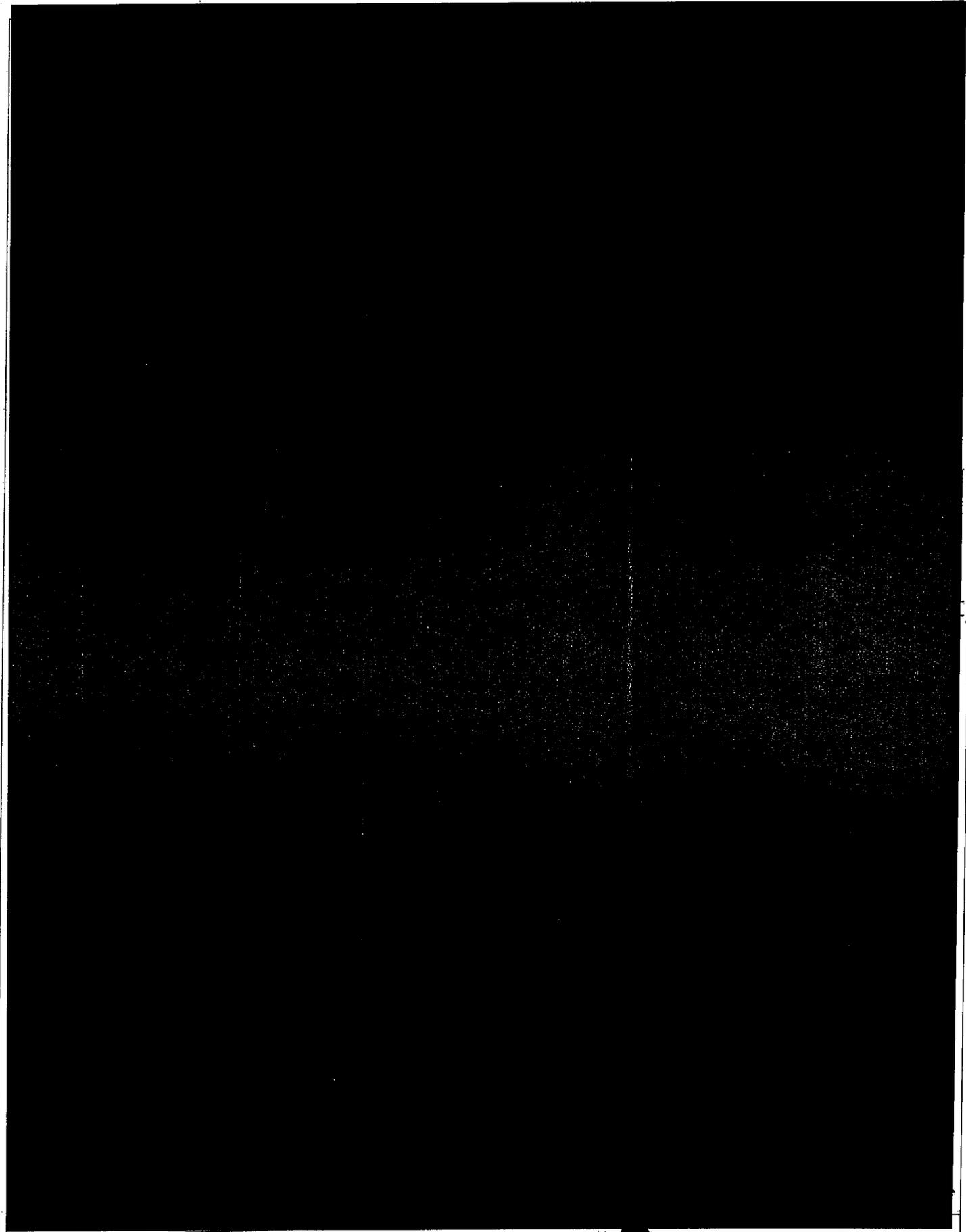
From: 7/1/2005
To: 3/31/2006

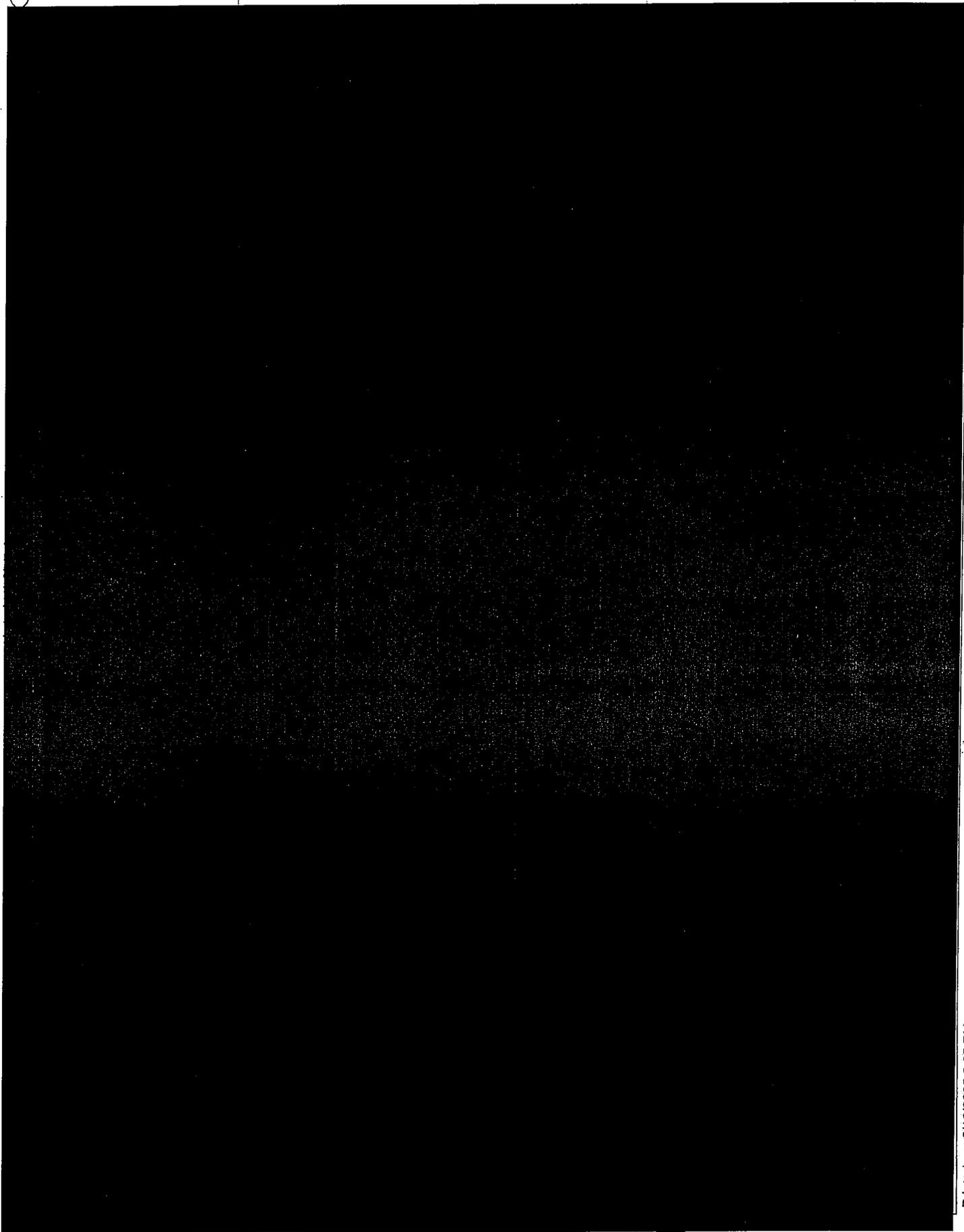
Travel

From	To	Purpose	Conference/Tr aining Fees	Airfare	# of Trips	No. of People Per Trip	Days (Per trip)	Nights (Per Trip)	No. of Cars	POV mileage/ RT 100	Lodging Rate	Meal Rate	Total	Conference/Tr aining Totals
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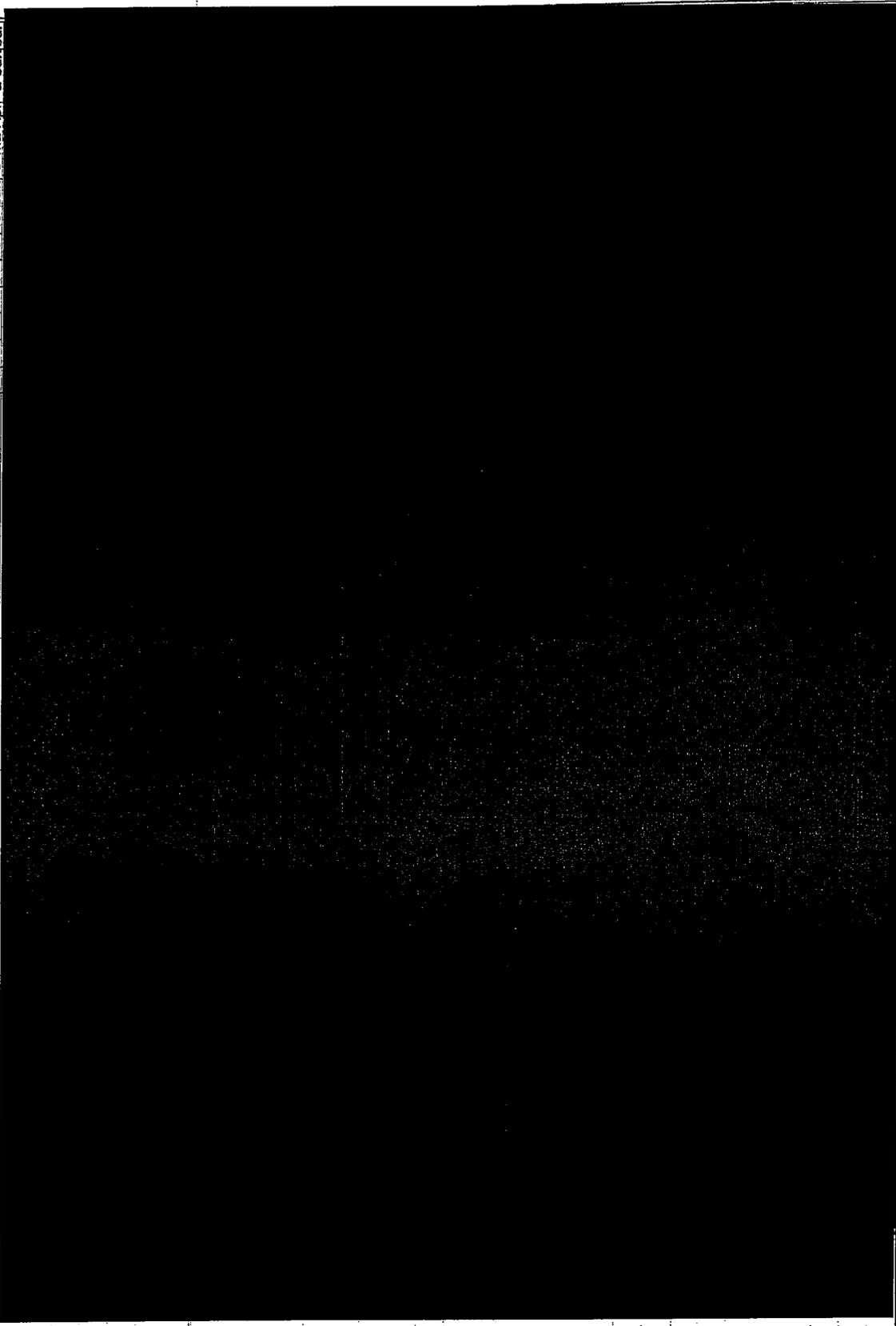


TO-09



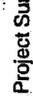


ID	Task Name	Duration	Work	Start	Finish	1st Quart	2nd Quart	3rd Quart	4th Quart
1						Jan	Apr	Jul	Oct
2						Jan	Apr	Jul	Oct
3						Jan	Apr	Jul	Oct
7						Jan	Apr	Jul	Oct
8						Jan	Apr	Jul	Oct
9						Jan	Apr	Jul	Oct
10						Jan	Apr	Jul	Oct
11						Jan	Apr	Jul	Oct
12						Jan	Apr	Jul	Oct
23						Jan	Apr	Jul	Oct
30						Jan	Apr	Jul	Oct
31						Jan	Apr	Jul	Oct
32						Jan	Apr	Jul	Oct
33						Jan	Apr	Jul	Oct
34						Jan	Apr	Jul	Oct
35						Jan	Apr	Jul	Oct
36						Jan	Apr	Jul	Oct
37						Jan	Apr	Jul	Oct
38						Jan	Apr	Jul	Oct
39						Jan	Apr	Jul	Oct
40						Jan	Apr	Jul	Oct
41						Jan	Apr	Jul	Oct
42						Jan	Apr	Jul	Oct
43						Jan	Apr	Jul	Oct
44						Jan	Apr	Jul	Oct
45						Jan	Apr	Jul	Oct
46						Jan	Apr	Jul	Oct
47						Jan	Apr	Jul	Oct
48						Jan	Apr	Jul	Oct
49						Jan	Apr	Jul	Oct
50						Jan	Apr	Jul	Oct
51						Jan	Apr	Jul	Oct



Task 
Milestone 
External Tasks 

Split 
Summary 
External Milestone 

Progress 
Project Summary 
Deadline 

Project: TO-09
Date: Thu 6/16/05

ID	Task Name	Duration	Work	Start	Finish	1st Quart	2nd Quart	3rd Quart	4th Quart
52						Jan	Apr	Jul	Oct
53						Jan	Apr	Jul	Oct
54						Jan	Apr	Jul	Oct
55						Jan	Apr	Jul	Oct
56						Jan	Apr	Jul	Oct
57						Jan	Apr	Jul	Oct
58						Jan	Apr	Jul	Oct
59						Jan	Apr	Jul	Oct
60						Jan	Apr	Jul	Oct
65						Jan	Apr	Jul	Oct



Project: TO-09
 Date: Thu 6/16/05

Task
 Split
 Progress

Milestone
 Summary
 Project Summary

External Tasks
 External Milestone
 Deadline

