Amendment No. 2 to Reconfiguration Planning Phase Agreement

Motorola Solutions, Inc., formerly Motorola, Inc. ("Motorola") and **San Bernardino County, California** ("Licensee"), by means of this amendment (the "Amendment No. 2"), hereby amend that certain Reconfiguration Planning Phase Agreement (the "RPPA") that they previously entered into on or about December 5, 2006, and amended on or about August 28, 2007. This Amendment No. 2 is entered into with reference to the following factual recitals.

- A. The FCC issued its Fifth Report and Order DA 13-586 on April 1, 2013, concerning reconfiguration of 800 MHz systems along the U.S.-Mexico border region.
- B. Due to the significant passage of time since the RPPA was executed, the parties desire to amend the RPPA to ensure the Reconfiguration Planning Phase Services are brought current.
- C. The Parties expect the remaining Reconfiguration Planning Phase Services (as set forth in Exhibit 1, the "Revised Statement of Work" attached to this Amendment No. 2) to be fully completed within one (1) year from the effective date of this Amendment No. 2.

Therefore, the Parties agree as follows:

1. There is hereby added the following additional language to Section 2.2 of the RPPA:

In addition, Motorola will perform all the remaining Reconfiguration Planning Phase Services, as set forth in Exhibit 1, the "Revised Statement of Work," which is attached to Amendment No. 2. Motorola will designate a point of contact person.

- 2. Section 2.3 of the RPPA is amended and restated in its entirety as follows but only as it applies to the work to be performed under this Amendment No. 2 as described in the Revised Statement of Work:
 - 2.3. LICENSEE RESPONSIBILITIES. Licensee will employ commercially reasonable efforts to assist Motorola in providing these Reconfiguration Planning Phase Services, and will provide reasonable access to Licensee's equipment, facilities, personnel and relevant information, during Licensee's normal working hours. Licensee will designate a point of contact person.
- 3. Section 2.4 of the RPPA is hereby deleted.
- 4. There is hereby added the following additional language to Section 3 of the RPPA:

The obligations of the respective Parties under this Agreement shall be suspended to the extent of, with respect to, and for the time the performance thereof is affected by a Force Majeure event. Upon the cessation of the Force Majeure event, the Parties shall become obligated to resume and continue performance of their respective obligations under the Agreement. Notwithstanding a Force Majeure event, the Parties shall diligently undertake all reasonable effort to perform this Agreement.

5. Section 4.1.1 of the RPPA is amended and restated in its entirety as follows:



- 4.1.1 <u>Contract Price.</u> The Contract Price for the Reconfiguration Planning Phase Services in U.S. dollars is \$279,500.00, an increase of \$84,500.00 from the prior amended contract price of \$195,000.00. The services to be provided for the additional \$84,500.00 are described in Exhibit 1 the "Revised Statement of Work". Except for reimbursable travel and related expenses and any changes to the Reconfiguration Planning Phase Services caused by mutually executed change orders, this price is a firm, fixed price. The Contract Price excludes any sales or other taxes, all of which will be added to the invoices and paid except as exempt by law.
- 6. Section 4.1.2 of the RPPA is amended and restated in its entirety as follows:
 - 4.1.2. <u>Licensee Not Liable for Contract Price.</u> Payment of the Contract Price and any applicable taxes is to come from Nextel, and if Nextel fails to pay Motorola, Licensee is not liable to pay Motorola the Contract Price or applicable taxes. Motorola agrees to accept direct payments from Nextel and apply these direct payments from Nextel to the Contract Price. Motorola's completion of the Reconfiguration Planning Phase Services will be indicated by Motorola's delivery to Licensee of a proposal for a Reconfiguration Implementation Phase Agreement ("RIPA") that is reasonably acceptable to Licensee to enable it to prepare its Cost Estimate and commence Frequency Reconfiguration Agreement ("FRA") negotiations with Nextel. Promptly after Motorola delivers to Licensee the RIPA proposal that is reasonably acceptable to Licensee, Licensee will sign an acceptance form. Motorola will provide to Nextel a copy of the RIPA proposal, a copy of the signed acceptance form, and an invoice for payment by Nextel. In addition, to promote efficiencies in completing Licensee's reconfiguration process, Motorola, Sprint Nextel and/or the TA may need to and is permitted to communicate with each other concerning the activities covered by the RPPA as amended by this Amendment No. 2, provided that no Licensee Confidential Information is exchanged.
- 7. Section 4.2.1 of the RPPA is amended and restated in its entirety as follows but only as it applies to the work to be performed under this Amendment No. 2 as described in the Revised Statement of Work.
 - 4.2.1. <u>Invoicing</u>. Motorola will submit a correct invoice to Nextel, in accordance with the following pre-approved payment milestones: Nextel has prepaid 50% of the Contract Price and the remaining 50% of the Contract Price will be due upon delivery of the RIPA proposal per Section 4.1.2.
- 8. In the first sentence to Section 5.1 of the RPPA, thirty (30) days is hereby changed to ninety (90) days.
- 9. Section 5.2 of the RPPA is amended and restated in its entirety as follows:
 - 5.2. WARRANTY CLAIMS. To assert a warranty claim, Licensee must notify Motorola in writing of the claim before the date which is thirty (30) calendar days after the expiration of the warranty period. Upon receipt of this notice, Motorola will investigate the warranty claim. If this investigation confirms a valid warranty claim, Motorola will (at no additional charge to Licensee) re-perform the Reconfiguration Planning Phase Services. This action will be the full extent of Motorola's liability hereunder and constitutes Licensee's sole remedy.
- 10. The fifth sentence of Section 7 of the RPPA is amended and restated as follows:



If a defaulting Party fails to cure the default, unless otherwise agreed in writing, the non-defaulting Party may have all rights under California law, including, without limitation, the right to terminate this Agreement and the defaulting Party will promptly return to the non-defaulting Party any of its Confidential Information.

11. There is hereby added the following new Section 11 to the RPPA:

Section 11 INDEMNIFICATION

- 11.1. INDEMNITY BY MOTOROLA. Subject to Section 5.4 of the RPPA, Motorola will defend at its expense and hold harmless Licensee against any claim, suit, demand, or cause of action brought by a third party against Licensee that is based on and to the extent it is caused by the negligence or willful misconduct of Motorola, its subcontractors, or their employees or agents, while performing their duties under this Agreement, and which results in personal injury, death, or direct damage to tangible property ("Motorola Claim"). Motorola will indemnify Licensee from any liability, judgment, awards and damages resulting from a Motorola Claim and pay all losses, expenses or direct damages incurred by Licensee and caused by the Motorola Claim. The foregoing indemnity is conditioned on (i) Licensee giving Motorola prompt, written notice of any Motorola Claim, and providing to Motorola cooperation (and, if requested, reasonable assistance) in the defense of the Motorola Claim; and (ii) Motorola having sole control in the defense of the Motorola Claim and all negotiations for its settlement or compromise. Motorola will have no indemnity liability for the negligence or fault of Licensee, its other contractors, Nextel, or the TA, or any of their employees, agents or representatives. This section states the full extent of Motorola's general indemnification from liabilities that are in any way related to Motorola's performance under this Agreement. If a third party asserts a claim against both Parties, each Party will defend itself and will pay the claim to the extent of its percentage liability. For example, if the Parties have equal liability for the claim, they each will pay one-half of the amount plus their own defense costs.
- 12. Unless expressly amended by this Amendment, the RPPA remains in full force and effect.

This Amendment No. 2 is entered into by the Parties as of the last date indicated below.

Motorola Solutions, Inc.

Name:	David C. Nash
	SI Rebanding Lead
Date:	
License San Ber	e rnardino County
Ву:	
Name: _	Janice Rutherford
Title: _C	Chair, Board of Supervisors
Date:	·



Reconfiguration Planning Phase Statement of Work (SOW)

Overview

This Statement of Work (Sections 1.0 through 14.0) describes the work associated with planning the reconfiguration of your 800 MHz radio communications system. It provides an overview of activities to be performed during the initial customer interview, the equipment assessment, and the execution of the design or planning phase of the rebanding project. This SOW is not a detailed reconfiguration specification and is not intended for use in a solicitation for services.

1.0 Performance Schedule

Motorola will begin the reconfiguration planning and schedule the project kick off meeting within 45 days after receipt of a signed Reconfiguration Planning Phase Agreement. During this meeting, both parties will develop and agree to a schedule of the planning work and delivery of the Reconfiguration Implementation Phase Proposal. Provided there are no significant delays it is estimated that planning work will be completed within six (6) months after the kickoff meeting.

2.0 Frequency Analysis

2.1 Combiner and Receiver Multicoupler Suitability

Motorola will evaluate the suitability of your existing combiner equipment impacted by rebanding. Some combiners can readily be adjusted to the new frequencies, but others cannot. Depending on the condition of the equipment, readjustment may not be possible without risking damage to the combiner. In addition, signal loss (decreased coverage) may occur if the new frequencies are spaced closer than the original frequencies. Combiner cable requirements also need to be considered based on the cutover plan.

Additionally, Motorola will analyze the impact the new frequency plan will have on your existing multi-coupler systems to determine if retuning or replacement is necessary.

Motorola will evaluate these potential issues as part of the combiner suitability assessment.

2.2 <u>Intermodulation Study</u>

Motorola will perform Intermodulation (IM) studies to identify possible harmful RF emissions and interactions at each of the sites impacted by rebanding. Motorola will provide a report with recommendations to you. If the proposed frequencies cannot be effectively used at the appropriate sites, Motorola will notify you.

Intermodulation studies are necessary in rebanding projects only under limited circumstances. An IM study for a site is appropriate if at least one of the three criteria, as noted in the table below, is present.

Qualifying Scenarios	Suspected Yes/No	Site(s) Affected (if known)
Location with two or more co-site transmitters with potential to impair base		
station receivers.	Yes	Unknown
Licensee's fixed receive antenna is proximate to a transmitting antenna other than your own.	Yes	Unknown
Landlords or site managers of shared transceiver sites requiring an analysis of the IM environment as part of site agreements when changing frequencies.	Yes	Unknown

3.0 System Inventory

3.1 <u>Infrastructure Inventory</u>

Motorola will conduct an inventory of your equipment. This inventory will be used to determine the suitability of the equipment and system design effort for rebanding.

Motorola understands the inventory and design effort will take place on an operational radio communications system and that unplanned interruptions to dispatch operations are not acceptable. Motorola, with its network of authorized service centers and/or third-party subcontractors, will use reasonable efforts to minimize disruption to dispatch operations. Any required changes to daily operations will be planned in advance and agreed upon by all applicable parties.

Preliminary information about your system inventory is listed in the System Description in Section 13.0 of this SOW. This information is based on Motorola's understanding of your system. The inventory services are limited to the equipment specifically affected by rebanding.

3.2 Subscriber Inventory

An inventory of subscriber radio devices must be prepared and reviewed to determine reconfiguration requirements. The purpose of the subscriber inventory is to determine what subscriber equipment is suitable for retuning, reprogramming or replacing. The accuracy and completeness of the subscriber inventory information is dependent on Customer inventory records and field access to the equipment.

For example, for determining what subscriber retuning work will be necessary, the inventory report will contain only generalized information such as subscriber unit counts, descriptions of radio models and families to determine proper programming equipment,

whether any frequency determining elements are applicable, and anticipated accessories. For determining what subscriber reprogramming work will be necessary, the inventory report will contain only generalized information such as unit counts of subscribers in each model and family (e.g., 25 ea XTS2500, 22 ea Astro Spectra radios, etc.) and the number of programming stations so the proper number and kind of Flash Kits may be specified and ordered.

For determining replacement of subscriber radio units, the inventory report will ordinarily contain only generalized information such as the number of units to be replaced and their corresponding "Comparable Facility" replacement radios. The inventory report may not contain all details needed such as battery type, whether mobile radio units are to be dash or remote mounted, cable length specifications, accessories, and other detailed information that requires validation for an efficient and effective implementation. Obtaining this more detailed information is intentionally postponed until the Reconfiguration Implementation Phase.

The inventory conducted in the Reconfiguration Planning Phase is general, is based upon samples and not a 100% physical inventory, and is not detailed. Therefore a high level inventory will be performed in the Reconfiguration Planning Phase but more detailed information about the replacement units must be gathered in the Reconfiguration Implementation Phase; that additional work will be described in the Statement of Work for implementation.

4.0 Engineering/Implementation Planning

4.1 <u>Interoperability Planning</u>

The interoperability requirements are included in the System Description in Section 13.0.

4.2 **System Reconfiguration**

Motorola will generate a Reconfiguration Design which will consist of at a minimum Cutover/Fall Plans and Baseline and Acceptance Test Plans.

o Cutover and Fall-back Plan

- Motorola will develop the cut-over and fall-back plan to ensure consistent operation of all system functionality throughout the rebanding reconfiguration. The cutover plan details the process steps and timeline needed to change the current frequencies to the new rebanding frequencies. Where applicable, contingency planning required to effectively reband your system in the least disruptive manner will be provided.
- Review plans with San Bernardino County CA.



o Baseline and Acceptance Test Plan

- Develop with your personnel the baseline and acceptance test plans to demonstrate comparable facility.
- Baseline Test Plan initial determination of infrastructure testing for system functionality prior to rebanding beginning.
- Acceptance Test Plan duplication of baseline test plan plus any additional functional testing customer required after rebanding.

4.3 Retune/Reprogram/Replace Determination

The 800 MHz fixed network equipment (FNE) and subscriber inventory must be audited to determine if upgrades are required to the software, hardware and firmware in order to support the new rebanding software. The assessment includes manufacturer information, software versions, system platform release versions and hardware configuration. Results of the suitability assessment and audit will determine what FNE will be retuned, reprogrammed or replaced. The effort to perform these actions will be determined once the equipment suitability is complete.

The evaluation of the network and subscriber inventory will provide a retune, reprogram, upgrade or replace decision for each piece of equipment in the system that is affected by rebanding.

Activities include:

- Formatting your inventory data for assessment
- Performing an engineering analysis of the assessment report
- Making the retune, replace or reprogram determination of subscriber inventory as outlined in paragraph 3.2 above.
- Generating the equipment list of required kits, software or upgrades required by each piece of equipment to be reconfigured.

5.0 **Project Management**

The Motorola Project Manager will oversee the project plan for the rebanding planning effort to ensure a smooth execution of all deliverables. The Project Manager will participate in all major activities associated with the reconfiguration planning activities described in this Statement of Work.

The Project Manager will coordinate with your project manager as well as Motorola subcontractors participating in this work to keep this effort within the agreed upon schedule. Activities such as project meetings, obtaining and evaluating subcontractor



quotes, and monitoring subcontractor and project team performance will be performed by the Motorola Project Manager.

6.0 San Bernardino County CA Scheduling and Access Requirements

For Motorola to effectively perform its planning phase work, San Bernardino County CA must provide Motorola with access to the sites, radio equipment, personnel and information. Motorola will perform its work during normal working hours; typically 8:00am to 5:00pm, Monday through Friday. However, it may be required to perform the fixed inventory work at other times. If this is required, Motorola will work with you on a mutually agreeable timeframe. Working with San Bernardino County CA to ensure optimum cooperation will be essential to effectively and efficiently execute the rebanding project.

San Bernardino County CA must provide reasonable access to all remote site locations where fixed station equipment is located. Any escort-required locations must be coordinated in advance by San Bernardino County CA to facilitate access to restricted areas. Any required identification cards must be provided by San Bernardino County CA to rebanding personnel as needed to work in any area in which an authorized ID card is required.

7.0 Motorola Engineering & Technical Services

Throughout the effort required to correctly assess the system requirements for rebanding, Motorola's field and systems engineering resources will be involved. In addition, many of Motorola's product organizations and upgrade operations team will support the project with specific knowledge on products and procedures to ensure the success of the project.

8.0 <u>Local Service Support</u>

Motorola will utilize its authorized service center network and/or approved third party subcontractors to assist in Reconfiguration Planning Phase inventory and evaluation of fixed infrastructure and other related system equipment.

9.0 Notification and Conditions for Work

Motorola will notify San Bernardino County CA's assigned point of contact a minimum of five (5) business days prior to starting any site work on the system. Motorola will commence work at the designated location only after San Bernardino County CA has notified Motorola with instructions to proceed. Whenever possible, prior notification of at least 24 hours will be given when expected disruptions are to occur.

10.0 Motorola and San Bernardino County CA Responsibilities

Motorola Responsibilities

Motorola will be responsible for the following:

- Providing a designated Project Manager to coordinate all the resources and work to be performed by Motorola and to be the primary point of contact for San Bernardino County CA.
- Scheduling project meetings with San Bernardino County CA at the project's start, executing project contract deliverables, and coordinating ensuing project activities with all Motorola and San Bernardino County CA resources.
- Providing engineering services in designing the agreed upon deliverables as developed in this proposal.
- Providing San Bernardino County CA with regular schedule and progress updates.
- Motorola will provide a detailed design and transition rebanding plan.

San Bernardino County CA Responsibilities

San Bernardino County CA will be responsible for the following:

- Upon receipt, provide Motorola with a full copy of the Transition Administrator's Frequency Proposal Report (FPR) for the affected licenses.
- San Bernardino County CA may be required to provide vehicles with installed mobile radios for inspection or audit during the inventory process.
- San Bernardino County CA will be responsible for providing an adequate quantity of subscriber units per day until the inventory process is completed.
- Provide adequate shelter, space, heat, light and power at the customer facilities listed above to perform the subscriber inventory.

11.0 **Risks**

Motorola is committed to mitigating all known risks and will engage San Bernardino County CA whenever situations are identified in which a significant risk situation presents itself. A decision will be jointly made between Motorola and San Bernardino County CA to consider the options and establish a mutually agreeable solution.

There are risks associated with the rebanding work affecting the equipment. It is conceivable that a particular piece of equipment can be functional at the time of inventory



but when taken off line to have board or software versions read and confirmed that failures may occur when re-initializing the unit. Motorola will make every effort to ensure that any failure occurring in this situation be rectified immediately. In some cases adequate spares may not be available and could lead to a prolonged outage of equipment while obtaining replacement parts. If the system in question is currently under a full onsite and repair service agreement with Motorola, any resolution to correct the failure will be covered under that agreement. If the equipment involved is not covered under a Motorola Service Agreement, resolution to correct the failure and restore the equipment will be discussed with you. If Motorola is asked to restore the equipment, Motorola will seek material and labor reimbursement directly from Sprint Nextel via a Repair Change Order.

12.0 San Bernardino County CA Acceptance

When Motorola delivers a RIPA proposal to you that is reasonably acceptable, this will allow you to prepare your Reconfiguration Cost Estimate and commence Frequency Reconfiguration Agreement negotiations with Nextel. Also at the time of your RIPA proposal delivery, Motorola will provide a certificate of acceptance document for your signature. This certificate acknowledges that all the effort necessary in identifying the detailed requirements and plans to reband the San Bernardino County CA 800 MHz system has been completed.

13.0 System Description

Call Signs and Frequencies in Operation at ALL sites

TX	RX	Call Sign	TX	RX	Call Sign	TX	RX	Call Sign
858.7250	813.7250	WNNB563	866.1125	821.1125	WNSS334	856.8500	811.8500	WPMC676
859.7250	814.7250	WNNB563	866.1625	821.1625	WNSS334	858.2750	813.2750	WPMC676
860.2500	815.2500	WNNB563	866.3375	821.3375	WNSS334	859.4250	814.4250	WPMC676
860.4750	815.4750	WNNB563	866.3625	821.3625	WNSS334	860.4250	815.4250	WPMC676
868.1125	823.1125	WNNB563	866.3875	821.3875	WNSS334	854.8375	809.8375	WPNW306
857.4500	812.4500	WNNB565	866.6125	821.6125	WNSS334	854.9125	809.9125	WPNW306
858.4750	813.4750	WNNB565	866.6375	821.6375	WNSS334	855.1875	810.1875	WPNW306
855.7250	810.7250	WNNB566	866.6625	821.6625	WNSS334	855.4125	810.4125	WPNW306
859.4750	814.4750	WNNB566	866.8375	821.8375	WNSS334	855.4375	810.4375	WPNW306
860.4500	815.4500	WNNB566	866.8875	821.8875	WNSS334	855.5875	810.5875	WPNW306
855.2250	810.2250	WNNB567	867.1125	822.1125	WNSS334	855.6125	810.6125	WPNW306
856.4500	811.4500	WNNB567	867.1375	822.1375	WNSS334	855.6625	810.6625	WPNW306
857.9750	812.9750	WNNB567	867.1625	822.1625	WNSS334	855.8625	810.8625	WPNW306
858.2500	813.2500	WNNB567	867.1875	822.1875	WNSS334	856.8125	811.8125	WPNW306
858.9500	813.9500	WNNB567	867.3625	822.3625	WNSS334	857.3625	812.3625	WPNW306
859.9750	814.9750	WNNB567	867.3875	822.3875	WNSS334	857.8125	812.8125	WPNW306
854.9750	809.9750	WNNB570	867.4125	822.4125	WNSS334	858.3875	813.3875	WPNW306
856.2250	811.2250	WNNB570	867.6125	822.6125	WNSS334	858.7875	813.7875	WPNW306
857.2250	812.2250	WNNB570	867.6375	822.6375	WNSS334	858.8375	813.8375	WPNW306
858.7500	813.7500	WNNB570	867.6625	822.6625	WNSS334	859.3875	814.3875	WPNW306
855.3750	810.3750	WNNB573	867.6875	822.6875	WNSS334	859.8125	814.8125	WPNW306
851.5000	806.5000	WNNB574	867.8625	822.8625	WNSS334	859.8375	814.8375	WPNW306
853.4500	808.4500	WNNB574	867.8875	822.8875	WNSS334	859.9125	814.9125	WPNW306
856.4250	811.4250	WNNB574	867.9125	822.9125	WNSS334	860.2875	815.2875	WPNW306
855.4750	810.4750	WNNB575	868.1375	823.1375	WNSS334	860.8125	815.8125	WPNW306
858.4500	813.4500	WNNB575	868.1625	823.1625	WNSS334	860.8375	815.8375	WPNW306
859.4500	814.4500	WNNB575	868.1875	823.1875	WNSS334	866.5750	821.5750	WPPB324
859.9500	814.9500	WNNB575	868.3375	823.3375	WNSS334	866.9500	821.9500	WPPB324
866.1500	821.1500	WNNB575	868.3625	823.3625	WNSS334	867.0750	822.0750	WPPB324
866.3750	821.3750	WNNB575	868.3875	823.3875	WNSS334	867.5750	822.5750	WPPB324
866.4375	821.4375	WNNB575	868.4125	823.4125	WNSS334	867.9500	822.9500	WPPB324
866.8625	821.8625	WNNB575	868.6125	823.6125	WNSS334	868.0750	823.0750	WPPB324
866.9125	821.9125	WNNB575	868.6625	823.6625	WNSS334	856.2500	811.2500	WPPH811
867.3750	822.3750	WNNB575	868.8375	823.8375	WNSS334	857.2500	812.2500	WPPH811
867.6750	822.6750	WNNB575	868.6875	823.6875	WNSS335	856.9500	811.9500	WPPH811
868.1250	823.1250	WNNB575	866.1875	821.1875	WNSS337	859.2250	814.2250	WPPH811
868.6375	823.6375	WNNB575	866.6875	821.6875	WNSS337	866.4000	821.4000	WQEE773



TX	RX	Call Sign	TX	RX	Call Sign	TX	RX	Call Sign
868.8875	823.8875	WNNB575	867.3375	822.3375	WNSS337	867.7000	822.7000	WQEE773
868.9375	823.9375	WNNB575	867.8375	822.8375	WNSS337	859.4375	814.4375	WQLE837
856.7250	811.7250	WNNB575	868.8625	823.8625	WNSS337	859.2375	814.2375	WQPE334
857.9500	812.9500	WNNB575	868.9125	823.9125	WNSS337	866.3500	821.3500	WQRB505
866.1375	821.1375	WNNB575	866.4750	821.4750	WPIX528	866.6750	821.6750	WQRB505
866.4125	821.4125	WNNB575	866.9750	821.9750	WPIX528	867.3500	822.3500	WQRB505
856.4750	811.4750	WNNB578	867.4750	822.4750	WPIX528	868.1000	823.1000	WQRB505
860.2250	815.2250	WNNB578	867.9750	822.9750	WPIX528	868.6500	823.6500	WQRB505
860.9500	815.9500	WNNB578	868.4750	823.4750	WPIX528	868.9000	823.9000	WQRB505
			856.2750	811.2750	WPMC676			

System Description

		<u> </u>
Type of Technology	SIMULCAST	DATATAC
Quantity of Sites	53	20
Number of Sites impacted by Rebanding	53	Not applicable
Total quantity of base stations / Repeaters	535	Not applicable
Number of Control Channels impacted by Rebanding	48	Not applicable
Number of Failsoft Channels impacted by Rebanding	101	Not applicable
Number of subscriber units on impacted Failsoft Channels	16000	Not applicable
Quantity of Dispatch Centers	24	Not applicable
Quantity of Remote Operator Positions	127	Not applicable
Quantity of Local Operator Positions		Not applicable
Quantity of Transmit Combiners per system	95	0
What is the transmitter combining scheme?	Not applicable	Not applicable
Quantity of Mobiles in the system	6000	300
Quantity of Portables in the system	9600	Not applicable
Quantity of Control Stations	400	Not applicable
BDAs in use	20	7
No. of Receive Multicouplers / Tower Mounted Amplifier Sub-Systems	106	0
For Voice Systems - No. of Controllers For DataTAC - No. of RNCs	41	1
For DataTAC Systems - No. of WNGs	Not applicable	0
For DataTAC Systems - No. of API/CAD Links	Not applicable	7



Subsystem Descriptions

MOSCAD Fire Alerting/Waste Water Mgt/Other Apps:	2	Not applicable
Enter the # of radio linked MOSCAD RTUs and	_	
Centrals	90	Not applicable
Underground subsystem networks:	Not applicable	Not applicable
Other:	Not applicable	Not applicable

Interoperability Descriptions

Adjacent jurisdictions / other licensees with interoperable agreements with this system owner. Quantities of radios in use on the adjacent system impacted by the change of frequencies on this system	To be determined
Any additional information that is relevant for retuning the system.	San Bernardino County, CA operates 4 trunked SmartNet simulcast systems on 21 sites, one Smartnet voting system and 8 stand alone trunked SmartNet systems. this system will be replaced by a new trunked two site simulcast system. The County has 65 conventional repeaters located at 32 sites.

Other non-licensee users on the system & subscriber quantities

To be determined

System Inventory

This is a customer provided, non-audited, inventory estimate.

	Simulcast	DataTAC
Total number of Tx/Rx sites in the system	53	Not applicable
Total number of Rx sites in the system	0	Not applicable
Total number of Simulcast Base Stations / Repeaters in		
System to be rebanded	470	Not applicable
Total number of Conventional Base Stations / Repeaters in		
System to be rebanded	65	20
Total Number of Rx only stations in System	0	Not applicable
Total number of Transmit Combiners in System	95	Not applicable
Number of Antennas that need replaced	148	Not applicable
Number of controllers in the system	41	Not applicable
Total number of Tx Combiner Post filters to be replaced	0	Not applicable
Total number of Rx Multicouplers in System	53	Not applicable
Number of CEBs in the system	13	Not applicable
Total number of local operator positions in the system	0	Not applicable
Total number of remote operator positions in the system	127	Not applicable
Total number of dispatch centers	24	Not applicable
Number of control stations	490	Not applicable
Number of mobiles	6000	300
Number of portables	9600	Not applicable
Number of Interoperability Users - Subscribers	0	0
Total number of BDA's in the system	20	Not applicable
Total number of Management Terminals	23	Not applicable
Total number of Subscriber Programming Templates	160	Not applicable
Total Number of Stations on ALL sites for IM/TNRD Study	535	Not applicable

14.0 <u>Deliverables</u>

As the result of the planning phase work described in this document Motorola will produce a proposal for the reconfiguration implementation phase work by means of an offered RIPA. This RIPA proposal, once accepted by San Bernardino County CA, will describe the equipment, software and services that Motorola will provide for system reconfiguration to the replacement frequencies. This RIPA proposal and the identified price for Motorola's reconfiguration work should be used as part of your Cost Estimate to Sprint Nextel and the TA.



The proposal will include the following:

Deliverables	Description
Suitability Assessment Results	SAIR Suitability Assessment Impact Report
Cutover Plan	Fixed Network Equipment Rebanding Plan
Equipment List	Replacements Subscribers, FNE, Flash Kits, etc.
Scope of Work	Motorola scope for Rebanding the system
Frequency Analysis	Combiner Analysis; IM study
Preliminary Project Schedule	PDF of a MS Project Gantt chart

CERTIFICATE OF COMPLETION FOR PLANNING PHASE WORK

Licensee Name:	San Bernardino County CA	
Deal Number:	DL8910428388	
Implementation Pha	anty CA agrees that by signing belowse Agreement has been received beining Phase work has been completed.	
Licensee Representati	ive:	
Signature:		
Print Name:		
Title:		
Date:		
Motorola Representat	ive:	
Signature:		
Print Name:		
Title:		

Date: