

		<p>ATLAS AGREEMENT 559/2015</p>
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ATLAS AGREEMENT No. 559/ 2015

Contribution of IHEP Protvino to the Integration and Commissioning of the NSW Alignment System and of the NSW Detectors

BETWEEN

The ATLAS Collaboration

Represented by the ATLAS Resource Coordinator

on the one hand,

AND

The Institute of High Energy Physics Protvino, Russia, hereinafter referred to as IHEP,
and **Brandeis University**, Waltham MA, US, hereinafter referred to as Brandeis,

on the other hand

CONSIDERING THAT:

- The ATLAS Collaboration Board, The Large Hadron Collider Committee (LHCC) and the CERN Research Board have approved the New Small Wheel as ATLAS Phase-1 Upgrade project (CERN-LHCC-2013-006) <https://cds.cern.ch/record/1552862> ;
- The respective deliverables of the participating funding agencies and institutes have been defined in the NSW Memorandum of Understanding (CERN-RRB-2014-050) <https://cds.cern.ch/record/1666494> ;
- IHEP Protvino is a member of the ATLAS Muon Collaboration up to now not involved in the NSW Upgrade but wishing to become so;
- The costs for commissioning and integration of deliverables at CERN are not covered by the US ATLAS Phase-1 funding;

IT IS AGREED AS FOLLOWS:**ARTICLE 1 SCOPE OF THE AGREEMENT**

- 1.1 The purpose of the Agreement is to define the participation of IHEP Protvino to the Integration and Commissioning of the NSW Alignment System and the NSW Detectors through the provision of manpower.
- 1.2 The IHEP participation is recognized as NSW CORE contribution against a corresponding reduction of the US CORE value.

- 1.3 In exchange for IHEP taking the responsibility for alignment services integration, US ATLAS will provide manpower for the assembly and integration of the New Small Wheels.

ARTICLE 2 OBLIGATIONS OF THE PARTIES

- 2.1 IHEP will provide technical manpower totalling 4 man-years (48 man-months) for NSW Alignment System and NSW Detector integration and commissioning work at CERN and cover expenses related to the secondment of said personnel to CERN. The concerned work will take place between 2016 and 2019. Exact details and dates will be defined between the involved parties.
- 2.2 The IHEP obligation is recognized as NSW CORE contribution with value of 50 kCHF, to the NSW MoU item 3, "Alignment System", and as NSW CORE contribution with value of 50 kCHF to the NSW MoU item 12, "Integration, Testing and Commissioning". The CORE deliverables tables will be updated accordingly before the Feb 2016 RRB meeting.
- 2.3 The NSW CORE contribution of Brandeis (US) to the ATLAS NSW MoU item 3, "Alignment System", sub-item 3.3, "Proximity sensors", is reduced by 100 kCHF.
- 2.4 The US ATLAS commitment to participation in the NSW integration and commissioning, as defined in the NSW MoU item 12 under "Work Responsibilities", is not affected by Article 2.1 to Article 2.3.

ARTICLE 3 SECONDMENT OF PERSONNEL

- 3.1 Personnel seconded by IHEP to the CERN site under Article 2.1 of this Agreement shall remain employees of IHEP.
- 3.2 The IHEP personnel so seconded shall be subject to the rules, in particular the safety regulation, as applicable on the CERN site.

- 3.3 IHEP shall ensure that its personnel is insured and covered by social security arrangements in accordance with applicable laws.
- 3.4 The personnel seconded by IHEP to the CERN site under the present Agreement will be considered as Associated Members of the Personal and must be registered with the CERN User's Office.

ARTICLE 5 DURATION OF THE AGREEMENT

- 5.1 This Agreement is valid until the end of the NSW Assembly and Integration, and until the obligations set forth in Article 2 have been fulfilled.

ARTICLE 6 CO-ORDINATION AND ADDRESSES FOR CORRESPONDENCE

- 6.1 All documents concerning this agreement shall bear the reference:

“ATLAS Agreement No. 559/2015

- 6.2 The performance of this agreement shall be co-ordinated by the following persons:

for ATLAS:

ATLAS Resources Co-ordinator,

CERN – Division PH, CH-1211 Geneva 23, SWITZERLAND

(attn. F. Dittus)

for the related NSW institutes:

NSW Project Leader,

CERN – Division PH, CH-1211 Geneva 23, SWITZERLAND

(attn. S. Zimmermann)

ARTICLE 7 ARBITRATION

7.1 Any differences arising during the execution of this agreement will be submitted to the Spokesperson of ATLAS who will propose solutions in the best interest of the Collaboration.

Signed in Geneva, on _____

For the ATLAS Collaboration

(F. Dittus)

Resources Coordinator
ATLAS Collaboration

(S. Zimmermann)

Project Leader
ATLAS NSW Upgrade

For IHEP Protvino

(R. Fakhрутдинov)
IHEP Protvino, Russia

(A. Zaitsev)
IHEP Protvino, Russia

For Brandeis University and US ATLAS

(J. Bensinger)
Brandeis University
Waltham MA, US



(J. Kotcher)
Brookhaven National Laboratory
Upton NY, US



(S. Rajagopalan)
Brookhaven National Laboratory
Upton NY, US